



PRODUCT CATALOGUE

OUR BUSINESS IDEA

We shall provide assembly and distribution of hoses and fluid connectors from a decentralised, customer-orientated organisation.



www.hydroscand.com

PROXIMITY TO THE CUSTOMER

Flexibility and service are trademarks at all of our Hose Service depots. No matter where you are, you will always find a depot close by with a locally adjusted warehouse and competent staff to share their knowledge with you. All our depots are equipped with the necessary equipment to assembly high pressure hoses and to meet all your requirements.

QUALITY

Our aim is to build strong and long-term relations with you as a customer, which means requirements for high and continuous quality. By quality, we mean that our products and services will meet or exceed your needs when it comes to product characteristics, logistic solutions and finance. To achieve this, we regularly follow up our key figures and how the customer perceives us as a supplier. This leads to new improved ambitions and procedures. Since 1999, as one of the first in our type of business, we are quality certified according to ISO-9001

ENVIRONMENT

The environment is a unique resource and it is our responsibility to take care of it. Therefore we have an environmental policy in place to reduce our pollution and contribute to a cleaner environment. We are of course, since 2002, environmentally certified according to ISO-14001.

PRODUCTS

By listening to your needs, we can quickly adjust our range of products. Our ambition is to have the widest range of products on the market of hose and fluid connectors. If there are any products you are missing, do not hesitate to contact us, either at your local Hydros cand depot or by sending an email to info@hydros cand.se.



PRODUCT CENTRES

From our eight OEM production centres around Europe we can help our large customers streamlining their production. We offer custom kits, pre-made assemblies, fittings and adaptors delivered straight to the factory.

HOSE EXPRESS

Seven days a week Hose Express is ready to help you. Our mobile hose repair service offers 24 hours a day, 365 days a year, on site hydraulic hose repair to customers, a time and cost saving solution. With our many branches and our wide range of products we can offer you fast, professional and safe service.

We can also offer you preventively maintenance, service and hydraulic and fluid component assemblies. The equipment of the bus is suited to the local market to suit you and your business.



HYDROSCAND DESIGN AND TEST CENTRE

PRODUCT SAFETY AND QUALITY TESTS

In order to ensure quality and safety, we subject our products to harsh tests before they are released to the market.

The test centre is equipped with machinery to conduct tests according to international standards concerning flex/impulse testing of hose assemblies and accelerated corrosion tests of plated steel products.

RESEARCH AND DEVELOPMENT

A good product can always be better. Having customers from many different areas, gives us a strong input to our product development cycle. We use SolidWorks 3D-CAD when we design our fittings optimised for best performance. CAD fittings are also available on-line where you can download them and easily implement them into your design.

Our engineering staff have the tools and expertise to offer special solutions that fit your application.



HYDROSCAND IN THE WORLD

We have more than 150 branches all over the world.

For contacts to our branches and for further information see the web page for each country.



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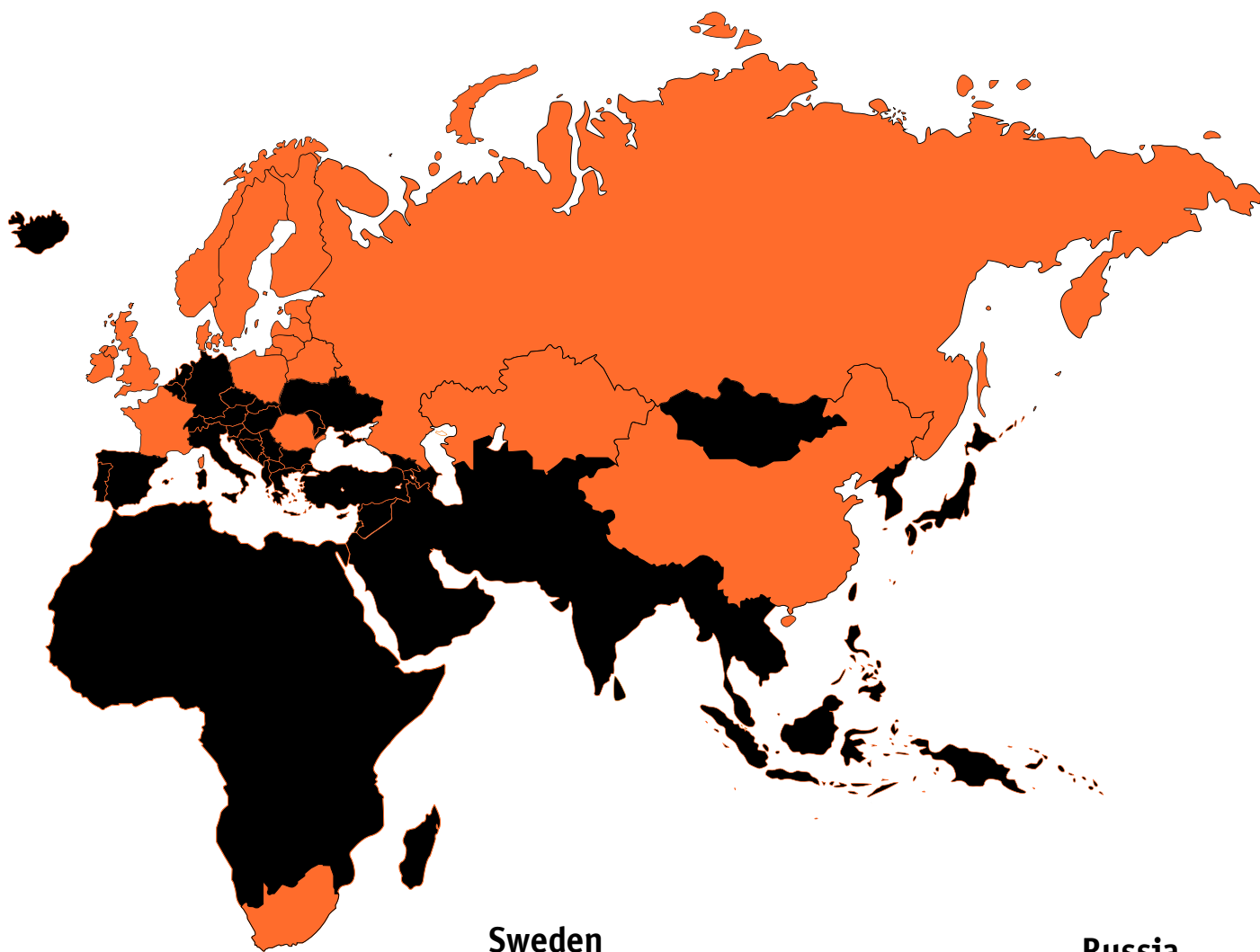
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HYDROSCAND IN THE WORLD



Norway Sweden Finland Estonia Russia
Latvia
Denmark Lithuania
United Kingdom Poland Belarus Kazakhstan
Ireland
France Romania China
South Africa



HIGH PRESSURE HOSES

1:1



HYDROSCAND HIGH PRESSURE HOSES

Our wide range of high pressure hoses are suitable for applications with normal to extremely high pressure, high impulses and high temperatures. The hoses are mainly used for hydraulic applications, high pressure washing, chemicals, gas lines and spray paint applications.

HOSE TYPES

Braided rubber hose

- Up to three braids of high tensile steel wire
- Temperature range from -55°C to +155°C
- Wide variation of covers and top coatings
- Working pressure up to 47.0 MPa

This is a very flexible hose type, suitable for almost all types of hydraulic applications.

Spiral rubber hose

- Up to six spirals of high tensile steel wire
- Temperature range from -40°C to +121°C
- Wide variation of covers and top coatings
- Working pressure up to 50.0 MPa

This hose type is designed for applications with very high pressure combined with high impulses such as hammer hydraulics.

Thermoplastic hose

- Wide variation of reinforcements
- Temperature range from -40°C to +100°C
- Good abrasion resistant covers
- Working pressure up to 80.0 MPa

This hose type has outstanding flexibility throughout the temperature range and has a low volumetric expansion, giving excellent hydraulic response times.

P.T.F.E.

- Wide variation of reinforcements
- Temperature range from -70°C to +260°C
- Extremely low frictional characteristics
- Working pressure up to 19.8 MPa
- Nonflammable

The high molecular weight structure in this type of hose provides an outstanding resistance towards a wide range of chemicals. Combined with their superior non-stick properties and wide temperature range, hoses made of P.T.F.E. are the ideal problem-solvers for virtually all aggressive applications.

RECOMMENDED FLUIDS

Synthetic oil resistant rubber

This inner tube is suitable for fluids such as mineral oil, vegetable oils and synthetic ester-based oil (up to 100°C), glycols and polyglycols, mineral oils in aqueous emulsion, hydrocarbons, water etc.

Polyester

This inner tube is suitable for fluids such as hydraulic oil, grease, fuel oils, mineral oils, most phosphate esters and water. It's also suitable for many industrial gases such as Heliox (max 25% O₂), Argon, Nitrogen, carbon dioxide, Helium and air.

Polyamide

This inner tube offers optimal resistance to a wide range of fluids such as paints, chlorinated solvents and other chemicals.

P.T.F.E.

The P.T.F.E. inner tube is resistant to all chemicals and solvents except molten alkali metals and fluorine gas.

ABBREVIATIONS

CO - CrossOver

Hose type to be used in hard conditions. The cover is resistant to abrasion, ozone and flames.

XA - Extended Abrasion

Hose type to be used in severe environmental conditions. With a polymer cover with extra outstanding abrasion and ozone resistance.

PO - Polar

Hose type to be used in arctic environments. Excellent flexibility throughout the temperature range.

CERTIFICATES AND LABELS



Bureau Veritas



MED



RINA



CE



Lloyds Registry of Shipment



Det Norske Veritas









Mine Safety and Health Administration

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HYDROSCAND'S CROSSOVER HOSES – FOR THE NEEDS OF TODAY AND TOMORROW!

Hydroscand's CrossOver hoses are a new generation of hydraulic hoses to meet the abrasion and UV radiation requirements of today and tomorrow. CO, an abbreviation of CrossOver, means that the hoses are adjusted to a wider range of usage than before, and with an emphasis on abrasion and ozone resistance. Most of the hoses are also flame resistant according to the latest demands.

Advantages with the CrossOver hoses

- The CO hoses exceed the demand for abrasion resistance in each standard
- They have improved resistance towards UV radiation and therefore also less problems with cracks
- They are designed with very good bend characteristics with preserved pressure performance
- Their powerfully improved life length gives shorter standstills and therefore lower costs

Egefex 1 CO

A hose equivalent to EN 853 1SN for applications with medium/high pressures and much external abrasion. MSHA, DNV and MED certification guarantee that the hose can be used in many different areas.



Egefex 2 CO

A hose equivalent to EN 853 2SN for normal working pressures and characteristics. MSHA, DNV and MED certification guarantee that the hose can be used in many different areas.



Kappaflex 2 CO Smooth

A hose with smooth cover for high pressures. Flexible and easy to assemble. Equivalent to EN8572SC.



Kappaflex 2K CO

A compact-built hose with fitted measurements and tight bend radius that can handle higher pressures than EN 857 2SC. MSHA, DNV and MED certifications guarantee that the hose can be used in many different areas.



Kappaflex 3 CO+

A hose for applications with very high pressures (47,0–32,7 MPa) and much external abrasion. The hose is MSHA-approved (flame-resistant). Exceeds EN 857 2SC (40,0–12,5 MPa).



Deltaflex 4 CT

A braided hose with four layers that exceeds the demands for EN 856 4SP. High working pressure and very flexible. Has been certified by Det Norske Veritas (DNV).



IsoBar 35 CO / IsoBar 42 CO

A multi spiral hose with four, or alternatively six depending on dimension, spirals. The hose is designed for extreme working pressures whilst retaining good flexibility. MSHA, DNV and MED certification guarantee that the hose can be used in many different areas.



IsoBar 350 CO

Extra flexible multi spiral hose that is easy to assemble. Can handle pressures up to 35,0 MPa in all dimensions.



1103-03 KAPPAFLEX 1**Construction**

Inner tube:	Synthetic oil resistant rubber
Cover:	Weather and oil resistant rubber
Reinforcement:	One braid of compact steel wire
Safety factor:	1:4
Temperature:	-40°C – +100°C
Design:	Grey and orange label, wrapped

Applications/Characteristics

A hose for low to medium pressure and return lines (29,0–10,0 MPa). Exceeds EN 857 1SC.

Ferrule:	4200-07-xx
Product group:	100

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1103-03-04	6,5	1/4"	11,8	29,0	40	0,18
1103-03-05	8,0	5/16"	13,6	25,0	55	0,22
1103-03-06	9,5	3/8"	16,5	23,0	65	0,29
1103-03-08	13,0	1/2"	19,0	20,0	80	0,35
1103-03-10	16,0	5/8"	22,3	15,0	105	0,43
1103-03-12	19,0	3/4"	26,2	12,5	120	0,57
1103-03-16	25,0	1"	34,0	11,0	160	0,82
1103-03-20	32,0	1 1/4"	44,0	10,0	300	1,28

1105-10 KAPPAFLEX 2K CO**Construction**

Inner tube:	Synthetic oil resistant rubber
Cover:	Durable, weather and oil resistant rubber
Reinforcement:	Two braids of compact steel wire
Safety factor:	1:4
Temperature:	-40°C – +100°C
Design:	Green label, wrapped



Certificate



MED

**Applications/Characteristics**

Ozone resistant hose for applications with high pressures, well suited for marine applications. Exceeds EN 857 2SC. DNV-, MED- and MSHA-approved.

Ferrule:	4200-11-xx, 4200-23-xx
Product group:	100

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1105-10-04	6,5	1/4"	13,4	45,0	45	0,29
1105-10-05	8,0	5/16"	15,0	42,0	60	0,34
1105-10-06	10,0	3/8"	17,4	38,5	70	0,44
1105-10-08	13,0	1/2"	20,6	34,5	90	0,54
1105-10-10	16,0	5/8"	23,7	29,0	130	0,63
1105-10-12	19,0	3/4"	27,7	28,0	160	0,84
1105-10-16	25,0	1"	35,6	20,0	210	1,14

Kappaflex 2K CO will be deleted during 2013/2014 and will be replaced by Rock hose 1105 63, see page 14

1105-63 KAPPAFLEX 2K CO ROCK

NEW!



Construction

Inner tube: Synthetic oil resistant rubber
 Cover: Durable; weather and oil resistant rubber
 Reinforcement: Two braids of compact steel wire
 Safety factor: 1:4
 Temperature: -40°C – +100°C
 Design: Green label, wrapped



Applications/Characteristics

Ozone resistant hose for applications with high pressures and high abrasion. Well suited for marine applications. Impuls tested up to one million cycles. (1 1/4" to 200 000 cycles). Exceeds EN 857 2SC. DNV-, MED- and MSHA-approved.

Ferrule: 4200-11-xx, 4200-23-xx
 Product group: 100

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1105-63-04	6,5	1/4"	13,4	45,0	45	0,29
1105-63-05	8,0	5/16"	15,0	42,0	60	0,34
1105-63-06	10,0	3/8"	17,4	38,5	70	0,44
1105-63-08	13,0	1/2"	20,6	34,5	90	0,54
1105-63-10	16,0	5/8"	23,7	29,0	130	0,63
1105-63-12	19,0	3/4"	27,7	28,0	160	0,84
1105-63-16	25,0	1"	35,6	20,0	210	1,14
1105-63-20	32,0	1 1/4"	43,5	17,5	300	1,52

1105-21 KAPPAFLEX 2K XA



Construction

Inner tube: Synthetic oil resistant rubber
 Cover: Durable; weather, oil and flame resistant rubber with polyethylene abrasive resistant cover
 Top cover: Extra abrasion and ozone resistant polymer coating
 Reinforcement: Two braids of steel wire
 Safety factor: 1:4
 Temperature: -40°C - + 100°C
 Design: White lable, wrapped



Applications / Characteristics

Ozone resistant hose for applications with high pressures and very high external abrasion. Exceeds EN857 2SC. The hose is MSHA-approved (flame-resistant).

Ferrule: 4200-11-xx, 4200-23-xx
 Product group: 110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1105-21-04	6,5	1/4"	13,4	45,0	45	0,30
1105-21-05	8,0	5/16"	15,0	42,0	60	0,35
1105-21-06	10,0	3/8"	17,4	38,5	70	0,46
1105-21-08	13,0	1/2"	20,6	34,5	90	0,58
1105-21-10	16,0	5/8"	23,7	29,0	130	0,68
1105-21-12	19,0	3/4"	27,7	28,0	160	0,86
1105-21-16	25,0	1"	35,6	20,0	210	1,23



1105-43 KAPPAFLEX 2K PO



Construction:

Inner tube:	Cold and oil resistant rubber
Cover:	Cold, weather and oil resistant rubber
Reinforcement:	Two braids of steel wire
Safety factor:	1:4
Temperature:	-55°C – +100°C
Design:	Blue and white label, wrapped

Applications/Characteristics:

A hose for applications with high pressures. The hose is made to be used in arctic environments. Excellent flexibility throughout the whole temperature range. Equivalent to EN 857 2SC.

Ferrule:	4200-11-xx, 4200-23-xx
Product group:	100

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1105-43-04	6,5	1/4"	13,4	45,0	45	0,30
1105-43-06	10,0	3/8"	17,4	38,5	70	0,46
1105-43-08	13,0	1/2"	20,6	34,5	90	0,58
1105-43-12	19,0	3/4"	27,7	28,0	160	0,86
1105-43-16	25,0	1"	35,6	20,0	210	1,23

1104-17 KAPPAFLEX 2 CO SMOOTH



Construction

Inner tube:	Synthetic, oil resistant rubber
Cover:	Ozone-, abrasion- and oilresistant rubber
Reinforcement:	Two braids of steel wire
Safety factor:	1:4
Temperature:	-40°C – +100°C
Design:	Green and orange label, smooth cover

Applications/Characteristics

A hose for applications with medium to high pressures and a lot of external abrasion. Exceeds the requirements of EN857 2SC (42,5 - 21,0 Mpa)

Ferrule:	4200-11-xx, 4200-23-xx
Product group:	100

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1104-17-04	6,5	1/4"	13,4	42,5	75	0,30
1104-17-05	8,0	5/16"	15,0	40,0	85	0,35
1104-17-06	10,0	3/8"	17,2	35,0	90	0,42
1104-17-08	13,0	1/2"	20,4	31,0	130	0,52
1104-17-10	16,0	5/8"	23,9	28,0	160	0,66
1104-17-12	19,0	3/4"	27,7	28,0	195	0,86
1104-17-16	25,0	1"	35,4	21,0	250	1,17

1106-73 KAPPAFLEX 3 CO+

**Construction**

Inner tube:	Synthetic, oil resistant rubber
Cover:	Oil, weather and abrasion resistant rubber
Reinforcement:	Three braids of compact steel wire
Safety factor:	1:4
Temperature:	-40°C – +100°C
Design:	Orange label, wrapped

MSHA

Applications/Characteristics

This hose is suitable for applications with very high pressures (47,0-32,7 Mpa) and a lot of external abrasion. The hose is MSHA-approved (flame-resistant) Exceeds EN 857 2SC (40,0-12,5 Mpa)

Ferrule:	4200-19-xx
Product group	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1106-73-08	13,0	1/2"	25,2	47,0	160	0,94
1106-73-10	16,0	5/8"	28,8	41,0	210	1,13
1106-73-12	19,0	3/4"	32,5	37,5	260	1,49
1106-73-16	25,0	1"	40,6	32,7	310	1,99

1106-43 KAPPAFLEX 3 PO

**Construction**

Inner tube:	Cold and oil resistant rubber
Cover:	Cold, weather and oil resistant rubber
Reinforcement:	Three braids of steel wire
Safety factor:	1:4
Temperature:	-55°C – +100°C
Design:	Blue and white label, wrapped

Applications/Characteristics

A hose for applications with very high pressures (47,0 - 32,7 Mpa). The hose is made to be used in arctic environments. Excellent flexibility throughout the whole temperature range. Exceeds EN857 2SC (40,0 - 12,5 Mpa).

Ferrule:	4200-19-xx
Product group:	100

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1106-43-08	13,0	1/2"	25,2	47,0	160	0,94
1106-43-10	16,0	5/8"	28,8	41,0	210	1,13
1106-43-12	19,0	3/4"	32,5	37,5	260	1,49
1106-43-16	25,0	1"	40,6	32,7	310	1,99

1110-00/-03 ISOBAR 10



Construction

Inner tube:	Synthetic oil resistant rubber
Cover:	Weather and oil resistant rubber
Reinforcement:	One braid of steel wire
Safety factor:	1:4
Temperature:	-40°C – +100°C
Utförande:	1110-00: Embossed branding line, wrapped 1110-03: Blue and white label, wrapped

Applications/Characteristics

The hose is especially developed for pilot lines, but can also be used for low pressure lines with assembling restrictions.

Ferrule:	4200-07-xx
Product group:	100

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1110-00-04	6,5	1/4"	11,5	10,0	25	0,15
1110-00-06	10,0	3/8"	14,8	10,0	40	0,21
1110-00-08	13,0	1/2"	18,0	10,0	50	0,27
1110-03-06	10,0	3/8"	14,8	10,0	40	0,21
1110-03-08	13,0	1/2"	18,0	10,0	50	0,27

1071 HI-TEMP



Construction

Inner tube:	Synthetic oil and heat resistant rubber
Cover:	Synthetic abrasion resistant rubber
Reinforcement:	One braid of steel wire
Safety factor:	1:4
Temperature:	-40°C – +150°C
Design:	Wrapped, white text



Certificate

MED

Applications/Characteristics

The hose is suitable for hydraulic pipes, truck engines, transportation of oil and gasoline with extra high temperature. DNV- and MED-approved.

Ferrule:	4200-21-xx, 4200-23-xx
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1071-00-04	6,5	1/4"	13,4	22,5	100	0,21
1071-00-06	10,0	3/8"	17,4	18,0	130	0,33
1071-00-08	13,0	1/2"	20,6	16,0	180	0,41
1071-00-10	16,0	5/8"	23,7	13,0	200	0,45
1071-00-12	19,0	3/4"	27,7	10,5	240	0,58
1071-00-16	25,0	1"	35,6	8,8	300	0,88
1071-00-20	32,0	1 1/4"	43,5	6,3	420	1,23
1071-00-24	38,0	1 1/2"	50,6	5,0	500	1,51
1071-00-32	51,0	2"	64,0	4,0	630	1,97

1101-00 EGEFLEX 1



Construction

Inner tube: Synthetic oil resistant rubber
 Cover: Weather and oil resistant rubber
 Reinforcement: One braid of steel wire
 Safety factor: 4:1
 Temperature: -40°C – +100°C
 Design: White text, wrapped

Applications/Characteristics

A hose for applications with medium pressure and return lines. Equivalent to EN 853 1SN.

Ferrule: 4200-11-xx
 Product group: 100

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1101-00-03	5,0	3/16"	11,8	25,0	90	0,19

1101-14 EGEFLEX 1 CO



Construction

Inner tube: Synthetic oil resistant rubber
 Cover: Weather and oil resistant rubber
 Reinforcement: One braid of steel wire
 Safety factor: 4:1
 Temperature: -40°C – +100°C
 Design: Blue label, wrapped



Applications/Characteristics

Ozone resistant hose for applications with medium/high pressures and much external abrasion. Equivalent to EN 853 1SN (25.0–4.0 MPa). The hose is DNV-, MED- and MSHA-approved.

Ferrule: 4200-11-xx
 Product group: 100

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1101-14-04	6,5	1/4"	13,4	22,5	100	0,21
1101-14-05	8,0	5/16"	15,0	21,5	115	0,24
1101-14-06	10,0	3/8"	17,4	18,0	125	0,33
1101-14-08	13,0	1/2"	20,6	16,0	180	0,41
1101-14-10	16,0	5/8"	23,7	13,0	200	0,45
1101-14-12	19,0	3/4"	27,7	10,5	240	0,58
1101-14-16	25,0	1"	35,6	8,8	300	0,88
1101-14-20	32,0	1 1/4"	43,5	6,3	420	1,23
1101-14-24	38,0	1 1/2"	50,6	5,0	500	1,51
1101-14-32	51,0	2"	64,0	4,0	630	1,97



1102-00 EGEFLEX 2**Construction**

Inner tube:	Synthetic oil resistant rubber
Cover:	Weather and oil resistant rubber
Reinforcement:	Two braids of steel wire
Safety factor:	4:1
Temperature:	-40°C – +100°C
Design:	Embossed branding line, wrapped

Applications/Characteristics

A hose for applications with medium to high pressures. Equivalent to EN 857 2SN (41.5–8.0 MPa).

Ferrule:	4200-12-xx, 4200-22-xx, 4200-23-xx
Product group:	100

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1102-00-03	5.0	3/16"	13.4	41.5	90	0.31
1102-00-04	6.5	1/4"	15.0	40.0	100	0.33
1102-00-05	8.0	5/16"	16.6	35.0	115	0.39
1102-00-06	9.5	3/8"	19.0	33.0	130	0.50
1102-00-08	13.0	1/2"	22.2	27.5	180	0.59
1102-00-10	16.0	5/8"	25.4	25.0	200	0.71
1102-00-12	19.0	3/4"	29.3	21.5	240	0.86
1102-00-16	25.0	1"	38.1	16.5	300	1.28
1102-00-20	32.0	1 1/4"	48.3	12.5	420	2.04
1102-00-24	38.0	1 1/2"	54.6	9.0	500	2.27
1102-00-32	51.0	2"	67.0	7.8	630	2.87

1102-14 EGEFLEX 2 CO**Construction**

Inner tube:	Synthetic oil resistant rubber
Cover:	Abrasion, weather and heat resistant synthetic rubber
Reinforcement:	Two braids of steel wire
Safety factor:	1:4
Temperature:	-40°C – +100°C
Design:	Orange label, wrapped

**Applications/Characteristics**

A hose for applications with medium to high pressures and a lot of external abrasion. Equivalent to EN 853 2SN. DNV-, MED- and MSHA-approved. The certificates refer to dimensions 3/16" – 1".

Ferrule:	4200-12-xx, 4200-22-xx, 4200-23-xx
Product group:	100

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1102-14-03	5,0	3/16"	13,4	41,5	90	0,31
1102-14-04	6,5	1/4"	15,0	40,0	100	0,33
1102-14-05	8,0	5/16"	16,6	35,0	115	0,39
1102-14-06	10,0	3/8"	19,0	33,0	130	0,50
1102-14-08	13,0	1/2"	22,2	27,5	180	0,59
1102-14-10	16,0	5/8"	25,4	25,0	200	0,71
1102-14-12	19,0	3/4"	29,3	21,5	240	0,86
1102-14-16	25,0	1"	38,1	16,5	300	1,28
1102-14-20	32,0	1 1/4"	48,3	12,5	420	2,04
1102-14-24	38,0	1 1/2"	54,6	9,0	500	2,27
1102-14-32	51,0	2"	67,0	8,0	630	2,87

1102-44 EGEFLEX 2 PO

**Construction**

Inner tube:	Cold and oil resistant rubber
Cover:	Cold, weather and oil resistant rubber
Reinforcement:	Two braids of steel wire
Safety factor:	1:4
Temperature:	-55°C – +100°C
Design:	Grey, blue and orange lable, wrapped

Applications/Characteristics

A hose for applications with medium to high pressures. The hose is made to be used in arctic environments. Excellent flexibility throughout the whole temperature range. Equivalent to EN 853 2SN.

Ferrule:	4200-12-xx, 4200-23-xx
Product group:	100

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1102-44-04	6,5	1/4"	15,0	40,0	100	0,33
1102-44-06	10,0	3/8"	19,0	33,0	130	0,50
1102-44-08	13,0	1/2"	22,2	27,5	180	0,59

Other dimensions are available upon request.

1102-50 EGEFLEX 2 HT

**Construction:**

Inner tube:	Synthetic oil resistant rubber
Cover:	Weather- and oil resistant rubber
Reinforcement:	Two braids of steel wire
Safety factor:	1:4
Temperature:	-40°C – +150°C
Design:	Blue, wrapped

Applications/Characteristics:

The hose is suitable for high pressure lines for oil, fuel or lubrication systems with extra high temperature. Equivalent to EN 853 2SN.

Ferrule:	4200-22-xx, 4200-23-xx
Product group:	100

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1102-50-04	6,5	1/4"	15,2	40,0	100	0,40
1102-50-06	10,0	3/8"	19,1	35,0	130	0,60
1102-50-08	13,0	1/2"	22,1	29,7	180	0,68
1102-50-10	16,0	5/8"	25,2	22,7	200	0,80
1102-50-12	19,0	3/4"	29,5	21,0	240	1,00
1102-50-16	25,0	1"	37,9	17,5	300	1,44
1102-50-20	32,0	1 1/4"	48,8	15,7	420	2,39
1102-50-24	38,0	1 1/2"	54,6	12,2	500	2,60
1102-50-32	51,0	2"	67,8	10,5	630	3,38

1109 KAPPAFLEX 2 CO SMOOTH, TWIN



Construction

Inner tube:	Synthetic oil resistant rubber
Cover:	Ozone-, abrasion- and oilresistant rubber
Reinforcement:	Two braids of steel wire
Safety factor:	1:4
Temperature:	-40°C – +100°C
Design:	Twin hose with smooth cover, green and orange

Applications/Characteristics

A hose for applications with medium to high pressures and a lot of external abrasion. Exceeds the requirements of EN 857 2SC.

Ferrule:	4200-11-xx
Product group:	100

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1109-06-06	10,0	3/8"	17,2	35,0	90	0,86
1109-08-08	13,0	1/2"	20,4	31,0	130	1,18

1115-02 GAMMAFLEX 4



Construction

Inner tube: Synthetic oil resistant rubber
 Cover: Abrasion, weather and heat resistant rubber
 Reinforcement: Four spirals of high tension steel wire
 Safety factor: 1:4
 Temperature: -40°C – +100°C
 Design: Yellow label, wrapped



Applications/Characteristics

The hose is suitable for high pressures combined with high flexing.
 The hose is equivalent to EN856 4SP and MSHA-approved (flame-resistant)

Ferrule: 4200-19-xx

Product group: 110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1115-02-04	6	1/4"	17,6	45,0	150	056
1115-02-06	10	3/8"	21,2	44,5	180	0,73
1115-02-08	13	1/2"	24,4	41,5	230	0,86
1115-02-10	16	5/8"	28,0	35,0	250	1,04
1115-02-12	19	3/4"	32,0	35,0	300	1,48
1115-02-16	25	1"	39,1	28,0	340	1,90

1115-10 DELTAFLEX 4 CT



Konstruktion

Inner tube: Synthetic oil resistant rubber
 Cover: Abrasion, weather, and heat resistant rubber
 Reinforcement: Four braids of steel wire
 Safety factor: 1:4
 Temperature: -40°C – +121°C
 Design: Yellow label, wrapped



MED



Applications/Characteristics

The hose is suitable for high pressures combined with high flexing.
 Exceeds the requirements of EN 856 4SP and EN 856 4SH (1 1/4" – 2").
 DNV-, MED- and MSHA-approved.

Ferrule: 4200-19-xx (use only with 3/8"-1")
 4200-20-xx (use only with 1 1/4" - 2")
 4400-09-xx (Interlock)

Product group: 110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1115-10-06	10,0	3/8"	21,4	44,5	130	0,78
1115-10-08	13,0	1/2"	24,6	42,5	180	0,93
1115-10-10	16,0	5/8"	28,2	39,0	225	1,17
1115-10-12	19,0	3/4"	32,2	35,0	280	1,48
1115-10-16	25,0	1"	39,7	32,0	340	2,02
1115-10-20	32,0	1 1/4"	45,5	34,5	460	2,46
1115-10-24	38,0	1 1/2"	53,5	29,0	560	3,35
1115-10-32	51,0	2"	68,1	25,0	700	4,55



1118-02 GAMMAFLEX 5

**Construction**

Inner tube:	Synthetic oil resistant rubber
Cover:	Weather and oil resistant rubber
Reinforcement:	Four spirals of steel wire
Safety factor:	1:4
Temperature:	-40°C – +100°C
Design:	Yellow label, wrapped

**M
S
H
A**
Applications/Characteristics

The hose is equivalent to EN 856 4SH regarding pressure. The hose is also extra abrasion resistant. MSHA-approved.

Ferrule:	4200-19-xx (use only with 3/8"-1") 4200-20-xx (use only with 1 1/4"-2") 4400-09-xx (Interlock) 4500-11-xx (Hammar)
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Product group: 110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1118-02-12	19,0	3/4"	32,0	42,0	280	1,46
1118-02-16	25,0	1"	38,4	38,0	340	2,04
1118-02-20	32,0	1 1/4"	45,2	35,0	460	2,38
1118-02-24	38,0	1 1/2"	53,0	29,0	560	3,18
1118-02-32	50,0	2"	67,6	25,0	700	4,36

1135-83 ISOBAR 350 CO X-FLEX

**Construction**

Inner tube:	Synthetic oil resistant rubber
Cover:	Weather- and oil resistant rubber
Reinforcement:	Four spirals of steel wire
Safety factor:	1:4
Temperature:	-40°C – +120°C
Design:	Orange and green label, wrapped

**M
S
H
A**
Applications/Characteristics

The hose is suitable for very high pressures in combination with very high impulses. High flexibility and a lot of external abrasion. MSHA-approved (flame resistant)

Ferrule:	4200-19-xx (use only with 3/8"-1") 4200-20-20 (use only with 1 1/4") 4400-09-xx (interlock)
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Product group: 110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1135-83-06	10,0	3/8"	19,3	35,0	90	0,56
1135-83-08	13,0	1/2"	22,2	35,0	115	0,76
1135-83-12	19,0	3/4"	31,0	35,0	140	1,32
1135-83-16	25,0	1"	38,4	35,0	150	1,95
1135-83-20	32,0	1 1/4"	45,2	35,0	350	2,50

1142-13 ISOBAR 42 CO

**Construction**

Inner tube:	Synthetic oil resistant rubber
Cover:	Synthetic abrasion, weather and heat resistant rubber
Reinforcement:	ID 19-25: Four spirals of steel wire ID 32-38: Six spirals of steel wire
Safety factor:	1:4
Temperature:	-40°C – +121°C
Design:	Wrapped, red and white labels

MSHA

Applications/Characteristics

The hose is suitable for very high pressures in combination with very high impulses and a lot of external abrasion. The hose is MSHA-approved (flame resistant). 3/4" - 1 1/2" is equivalent to, or exceeds, SAE 100 R15.

Ferrule:	4400-09-xx, 4400-14-xx
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1142-13-12	19,0	3/4"	32,0	42,0	265	1,46
1142-13-16	25,0	1"	38,4	42,0	330	2,04
1142-13-20	32,0	1 1/4"	49,3	42,0	445	3,82
1142-13-24	38,0	1 1/2"	57,3	42,0	530	4,77

1135-13 ISOBAR 35 CO

**Konstruktion**

Inner tube:	Synthetic oil resistant rubber
Cover:	Synthetic abrasion, weather and heat resistant rubber
Reinforcement:	ID 19-32: Four spirals of steel wire ID 38-51: Six spirals of steel wire
Safety factor:	1:4
Temperature:	-40°C – +121°C
Design:	Orange and white label, wrapped

MSHA

Applications/Characteristics

The hose is suitable for very high pressures in combination with very high impulses and a lot of external abrasion. Equivalent to, or exceeds EN 856 R13. The hose is MSHA-approved (flame resistant).

Ferrule:	4400-13-xx
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1135-13-32	51,0	2"	71,6	35,0	630	6,31

1014 BLASTOPAK

**Construction**

Inner tube:	Synthetic oil and water resistant rubber
Cover:	Extra abrasion resistant, synthetic rubber
Reinforcement:	ID 10 mm: Four spirals and one braid of steel wire ID 13 mm: Four spirals of steel wire ID 19 mm: Six spirals of steel wire
Safety factor:	1:2,5
Temperature:	-40°C – +120°C
Design:	Yellow label, wrapped

Applications/Characteristics

The hose is suitable for water blasting with extremely high pressures. The hose is designed for static water pressures but is not suitable for hydraulic applications.

Ferrule:	4500-10-xx
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1014-00-06	10,0	3/8"	25,1	100,0	130	1,20
1014-00-08	13,0	1/2"	27,8	100,0	200	1,25
1014-00-12	19,0	3/4"	36,0	100,0	250	1,70

1054 PRESSURE WASHER HOSE HTP-1C

**Construction**

Inner tube:	Synthetic temperature resistant rubber
Cover:	Abrasion resistant rubber
Reinforcement:	One braid of compact steel wire
Safety factor:	Work pressure/Burst pressure
Temperature:	-40°C – +155°C
Design:	Black or blue pin-pricked cover

Applications/Characteristics

This hose is intended for pressure washers where low weight and pliability is required. Available in black, oil resistant rubber for workshops and flush halls; and in blue for sensitive environments.

Ferrule:	4200-07-xx
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	BP MPa	Cover	Weight kg/m
1054-02-04	6,5	1/4"	12,4	36,0	75	100,0	Blue	0,19
1054-01-05	8,0	5/16"	14,0	34,4	85	100,0	Black	0,22
1054-02-05	8,0	5/16"	14,0	34,4	85	100,0	Blue	0,22
1054-01-06	10,0	3/8"	15,6	28,8	90	100,0	Black	0,28
1054-02-06	10,0	3/8"	15,6	28,8	90	100,0	Blue	0,28
1054-02-08	13,0	1/2"	18,7	25,6	130	100,0	Blue	0,35

1055 PRESSURE WASHER HOSE HTP-2C

**Construction**

Inner tube:	Synthetic temperature resistant rubber
Cover:	Abrasion resistant rubber
Reinforcement:	Two braids of compact steel wire
Safety factor:	Work pressure/Burst pressure
Temperature:	-40°C – +155°C
Design:	Black or blue pin-pricked cover

Applications/Characteristics

This hose is intended for pressure washers where there are high demands regarding pressure, temperature and pliability. Available in black, oil resistant rubber for workshops and flush halls; and in blue for sensitive environments.

Ferrule:	4200-11-xx, 4200-23-xx
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	BP MPa	Cover	Weight kg/m
1055-02-04	6,5	1/4"	13,4	64,0	75	160,0	Blå	0,29
1055-02-05	8,0	5/16"	15,0	56,0	85	166,0	Blå	0,34
1055-01-05	8,0	5/16"	15,0	56,0	85	166,0	Svart	0,34
1055-01-06	10,0	3/8"	17,4	52,8	90	166,0	Svart	0,42
1055-02-06	10,0	3/8"	17,4	52,8	90	166,0	Blå	0,42
1055-02-08	13,0	1/2"	20,7	44,0	130	166,0	Blå	0,58

1055-17 PRESSURE WASHER HOSE HTP-2C, SMOOTH

**Construction**

Inner tube:	Synthetic temperature resistant rubber
Cover:	Abrasion resistant rubber
Reinforcement:	Two braids of compact steel wire
Safety factor:	Work pressure/Burst pressure
Temperature:	-40°C – +155°C
Design:	Smooth, blue cover

Applications/Characteristics

This hose is intended for pressure washers where there are high demands regarding pressure, temperature and pliability. For workshops, flush halls and sensitive environments.

Hylsa:	4200-11-xx, 4200-23-xx
Produktgrupp:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	BP MPa	Cover	Weight kg/m
1055-17-06	10,0	3/8"	17,1	52,8	75	160,0	Blå	0,29
1055-17-08	13,0	1/2"	20,7	44,0	85	160,0	Blå	0,34

1031-01 HYDROSCAND T1111

**Construction**

Inner tube:	Seamless polyester elastomer
Cover:	Oil, weather and abrasion resistant polyurethane
Reinforcement:	One braid of steel wire
Safety factor:	1:4
Temperature:	-40°C – +100°C, air and water max +70°C
Design:	Black cover

Applications/Characteristics

The hose is well suitable for high pressure hydraulics, high pressure gas applications as well as pressure washers. Due to the inner tube of polyester, the hose will retain its flexibility in cold temperatures.

Ferrule:	4200-28-xx
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1031-01-03	5,0	3/16"	9,7	36,0	30	0,12
1031-01-04	6,5	1/4"	11,7	31,0	40	0,15
1031-01-05	8,0	5/16"	13,2	25,0	55	0,19
1031-01-06	10,0	3/8"	16,5	22,5	65	0,22
1031-01-08	13,0	1/2"	18,8	19,0	85	0,29
1031-01-10	16,0	5/8"	22,0	14,0	115	0,33
1031-01-12	19,0	3/4"	25,8	11,5	145	0,43
1031-01-16	25,0	1"	33,0	9,5	180	0,62

1032 HYDROSCAND T1112, TWIN

**Construction**

Inner tube:	Seamless polyester elastomer
Cover:	Oil, weather and abrasion resistant polyurethane
Reinforcement:	One braid of steel wire
Safety factor:	1:4
Temperature:	-40°C – +100°C, air and water max +70°C
Design:	Supertwin, black cover

Applications/Characteristics

The hose is well suitable for high pressure hydraulics, high pressure gas applications as well as pressure washers. Due to the inner tube of polyester, the hose will retain its flexibility in cold temperatures.

Ferrule:	4200-28-xx
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1032-03-03	5,0	3/16"	9,7	36,0	30	0,24
1032-04-04	6,5	1/4"	11,7	31,0	40	0,30
1032-05-05	8,0	5/16"	13,2	25,0	55	0,38
1032-06-06	10,0	3/8"	16,5	22,5	65	0,44
1032-08-08	13,0	1/2"	18,8	19,0	85	0,58
1032-10-10	16,0	5/8"	22,0	14,0	115	0,67
1032-12-12	19,0	3/4"	25,8	11,5	145	0,89
1032-16-16	25,0	1"	33,0	9,5	180	1,24

1032 HYDROSCAND T1113, TRIPLE

**Construction**

Inner tube:	Seamless polyester elastomer
Cover:	Oil, weather and abrasion resistant polyurethane
Reinforcement:	One braid of steel wire
Safety factor:	1:4
Temperature:	-40°C – +100°C, air and water max +70°C
Design:	Triple, black cover

Applications/Characteristics

The hose is well suitable for high pressure hydraulics, high pressure gas applications as well as pressure washers. Due to the inner tube of polyester, the hose will retain its flexibility in cold temperatures.

Ferrule:	4200-28-xx
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1032-04-04-04	6,5	1/4"	11,7	31,0	40	0,45
1032-06-06-06	10,0	3/8"	15,9	22,5	65	0,66
1032-08-08-08	13,0	1/2"	18,8	19,0	85	0,87

1034-01 HYDROSCAND T1211

**Construction**

Inner tube:	Seamless polyester elastomer
Cover:	Oil and abrasion resistant polyurethane
Reinforcement:	Two braids of steel wire
Safety factor:	4:1
Temperature:	-40°C – +100°C, air and water max +70°C
Design:	Black cover

Applications/Characteristics

This hose is well suited for high pressure hydraulics and high pressure gas applications. Due to the inner tube of polyester, the hose will retain its flexibility in cold temperatures.

Ferrule:	4200-29-xx
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1034-01-04	6,5	1/4"	12,8	40,0	40	0,24
1034-01-06	10,0	3/8"	16,8	33,0	65	0,37
1034-01-08	13,0	1/2"	20,2	26,0	85	0,45
1034-01-10	16,0	5/8"	23,5	22,0	115	0,56
1034-01-12	19,0	3/4"	27,5	15,0	170	0,70

1036 HYDROSCAND T1212, TWIN



Construction

Inner tube:	Seamless polyester elastomer
Cover:	Oil and abrasion resistant polyurethane
Reinforcement:	Two braids of steel wire
Safety factor:	1:4
Temperature:	-40°C – +100°C, air and water max +70°C
Design:	Supertwin, black cover

Applications/Characteristics

This hose is well suited for high pressure hydraulics and high pressure gas applications. Due to the inner tube of polyester, the hose will retain its flexibility in cold temperatures.

Ferrule:	4200-29-xx
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1036-04-04	6,5	1/4"	12,8	40,0	40	0,49
1036-06-06	10,0	3/8"	16,8	33,0	65	0,76
1036-08-08	13,0	1/2"	20,2	26,0	85	0,90

1029 HYDROSCAND T3212, TWIN



Construction

Inner tube:	Seamless polyester elastomer
Cover:	Oil and abrasion resistant polyurethane
Reinforcement:	One braid of steel wire and one braid of aramid (Kevlar®)
Safety factor:	1:4
Temperature:	-40°C – +100°C, air and water max +70°C
Design:	Supertwin, black cover

Applications/Characteristics

This hose is well suited for high pressure hydraulics and high pressure gas applications. Due to the inner tube of polyester, the hose will retain its flexibility in cold temperatures.

Ferrule:	4200-27-xx
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1029-01-06	10,0	3/8"	15,8	28,0	60	0,46

1037-01 HYDROSCAND T1121, PAINT SPRAY HOSE**Construction**

Inner tube:	Seamless polyamide/Nylon 6
Cover:	Polyurethane
Reinforcement:	One braid of steel wire
Safety factor:	1:4
Temperature:	-40°C – +100°C, air and water max +70°C
Design:	Blue cover

Applications/Characteristics

The hose is well suitable for spray paint applications, dissolvents and other chemicals. The steel reinforcement provides electrical conductivity through the hose. Should be checked after mounting the fittings.

Ferrule:	4200-28-xx
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1037-01-03	5,0	3/16"	9,7	36,0	30	0,11
1037-01-04	6,5	1/4"	11,7	31,0	40	0,15
1037-01-06	10,0	3/8"	16,5	22,5	65	0,22
1037-01-08	13,0	1/2"	18,8	19,0	85	0,29
1037-01-12	19,0	3/4"	25,8	11,5	145	0,43

1038-01 HYDROSCAND T1221, PAINT SPRAY HOSE**Construction**

Inner tube:	Seamless polyamide/Nylon 6
Cover:	Polyurethane
Reinforcement:	Two braids of steel wire
Safety factor:	1:4
Temperature:	-40°C – +100°C, air and water max +70°C
Design:	Blue cover

Applications/Characteristics

Paint spray hose for high pressures. It is well suitable for spray paint applications, dissolvents and other chemicals. The steel reinforcement provides electrical conductivity through the hose. Should be checked after mounting the fittings.

Ferrule:	4200-29-xx
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1038-01-04	6,5	1/4"	12,8	40,0	40	0,25
1038-01-06	10,0	3/8"	16,8	33,0	65	0,38
1038-01-08	13,0	1/2"	20,2	26,0	85	0,45
1038-01-12	19,0	3/4"	27,5	15,0	170	0,68

1045-01 HYDROSCAND T7011



Construction

Inner tube:	Polyester elastomer
Cover:	Oil and abrasion resistant polyurethane
Reinforcement:	One braid of polyester
Safety factor:	1:4
Temperature:	-40°C – +100°C, air and water max +70°C
Design:	Black cover, pin-pricked

Applications/Characteristics

This hose is well suited for hydraulics, grease gun systems and gas applications. Due to the inner tube of polyester, the hose will retain its flexibility in cold temperatures. Equivalent to SAE 100 R7.

Ferrule:	4200-27-xx
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1045-01-02	3,5	1/8"	8,3	21,0	25	0,05
1045-01-03	5,0	3/16"	9,6	21,0	25	0,06
1045-01-04	6,5	1/4"	12,2	21,0	35	0,10
1045-01-05	8,0	5/16"	14,3	19,0	45	0,13
1045-01-06	10,0	3/8"	16,0	16,0	55	0,15
1045-01-08	13,0	1/2"	20,3	14,0	75	0,22
1045-01-12	19,0	3/4"	27,1	9,0	140	0,33
1045-01-16	25,0	1"	34,0	7,0	190	0,46

1047 HYDROSCAND T7012, TWIN



Construction

Inner tube:	Polyester elastomer
Cover:	Oil and abrasion resistant polyurethane
Reinforcement:	One braid of polyester
Safety factor:	1:4
Temperature:	-40°C – +100°C, air and water max +70°C
Design:	Supertwin, pin-pricked

Applications/Characteristics

This hose is well suited for hydraulics and gas applications. The hose retains its flexibility in cold temperatures. Equivalent to SAE 100 R7.

Ferrule:	4200-27-xx
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1047-03-03	5,0	3/16"	9,6	21,0	25	0,12
1047-04-04	6,5	1/4"	12,2	21,0	35	0,19
1047-05-05	8,0	5/16"	14,3	19,0	45	0,25
1047-06-06	10,0	3/8"	16,0	16,0	55	0,29
1047-08-08	13,0	1/2"	20,3	14,0	75	0,43

1049-01 HYDROSCAND T8011**Construction**

Inner tube:	Polyester elastomer
Cover:	Oil and abrasion resistant polyurethane
Reinforcement:	One or two braids of aramid (Kelvar®)
Safety factor:	1:4
Temperature:	-40°C – +100°C, air and water max +70°C
Design:	Black cover, pin-pricked

Applications/Characteristics

The hose is well suitable for high pressure hydraulics and high pressure gas applications. Due to the inner tube of polyester, the hose will retain its flexibility in cold temperatures. Equivalent to SAE 100 R8 regarding pressure and SAE 100 R7 regarding dimensions.

Ferrule:	4200-27-xx (3/16" - 3/8") 4200-28-xx (1/2" and larger)
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1049-01-03	5,0	3/16"	8,9	35,0	30	0,05
1049-01-04	6,5	1/4"	11,5	35,0	50	0,08
1049-01-06	10,0	3/8"	15,5	28,0	60	0,13
1049-01-08	13,0	1/2"	19,9	24,5	80	0,20
1049-01-12	19,0	3/4"	26,9	16,5	150	0,32

1052 HYDROSCAND T8012, TWIN**Construction**

Inner tube:	Polyester elastomer
Cover:	Oil and weather resistant polyurethane
Reinforcement:	One braid of aramid (Kelvar®)
Safety factor:	1:4
Temperature:	-40°C – +100°C, air and water max +70°C
Design:	Supertwin, black cover, pin-pricked

Applications/Characteristics

The hose is well suitable for high pressure hydraulics when there is a need for twin hoses with textile reinforcements. Equivalent to SAE 100 R8 regarding pressure and SAE 100 R7 regarding dimensions.

Ferrule:	4200-27-xx (3/16" - 3/8") 4200-28-xx (1/2" and larger)
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1052-04-04	6,5	1/4"	11,5	35,0	30	0,16
1052-06-06	10,0	3/8"	15,5	28,0	60	0,26
1052-08-08	13,0	1/2"	19,9	24,5	80	0,40

1059-01 HYDROSCAND T8081 - NON CONDUCTIVE



Construction

Inner tube:	Polyester elastomer
Cover:	Polyurethane
Reinforcement:	One braid of aramid (Kelvar®)
Safety factor:	1:4
Temperature:	-40°C – +100°C, air and water max +70°C
Design:	Orange cover, non conductive

Applications/Characteristics

This hose is well suited for high pressure hydraulics and high pressure lines. Due to the inner tube of polyester, the hose will retain its flexibility in cold temperatures. Equivalent to SAE 100 R8 regarding pressure and SAE 100 R7 regarding dimensions. The hose is non conductive.

Ferrule:	4200-27-xx (3/16" - 3/8") 4200-28-xx (1/2" and larger)
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1059-01-04	6,5	1/4"	11,5	35,0	50	0,08
1059-01-06	10,0	3/8"	15,5	28,0	60	0,13
1059-01-08	13,0	1/2"	19,9	24,5	80	0,20
1059-01-12	19,0	3/4"	26,9	16,5	150	0,32
1059-01-16	25,0	1"	34,2	14,0	200	0,44

1059-04 HYDROSCAND T8082, TWIN - NON CONDUCTIVE



Construction

Inner tube:	Polyester elastomer
Yttertub:	Polyurethane
Armering:	One braid of aramid (Kevlar®)
Säkerhetsfaktor:	1:4
Temperatur:	-40°C – +100°C, air and water max +70°
Utförande:	Supertwin, orange cover, non conductive

Applications/Characteristics

This hose is well suited for high pressure hydraulics and high pressure lines. Due to the inner tube of polyester, the hose will retain its flexibility in cold temperatures. Equivalent to SAE 100 R8 regarding pressure and SAE 100 R7 regarding dimensions. The hose is non conductive.

Ferrule:	4200-27-xx
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1059-04-04	6,5	1/4"	11,5	35,0	50	0,16

1058-01 HYDROSCAND T3011**Construction**

Inner tube:	Polyester elastomer
Cover:	Oil and abrasion resistant polyurethane
Reinforcement:	One or two braids of aramid (Kelvar®) and one braid of steel wire
Safety factor:	1:4
Temperature:	-40°C – +100°C, water max +70°C
Design:	Black cover

Applications/Characteristics

This hose is suited for hydraulics with very high pressures, e.g. high pressure pumps and heavy duty applications. Due to the inner tube of polyester, the hose will retain its flexibility in cold temperatures.

Ferrule:	3500-01-xx
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1058-01-04	6,5	1/4"	14,0	70,0	35	0,15
1058-01-06	10,0	3/8"	18,0	70,0	90	0,21

1058-50 HYDROSCAND T3081 - NON CONDUCTIVE**Construction**

Inner tube:	Seamless polyester elastomer
Cover:	Oil and abrasion resistant polyurethane
Reinforcement:	One or two braids of aramid (Kelvar®) and one braid of steel wire
Safety factor:	1:4
Temperature:	-40°C – +100°C, water max +70°C
Design:	Orange cover

Applications/Characteristics

This hose is suited for hydraulics with very high pressures, e.g. high pressure pumps and heavy duty applications. The hose is non conductive.

Ferrule:	3500-01-xx
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1058-50-06	10,0	3/8"	18,0	55,0	70	0,21

1058 HYDROSCAND T3012, TWIN



Construction

Inner tube:	Seamless polyester elastomer
Cover:	Oil and abrasion resistant polyurethane
Reinforcement:	One or two braids of aramid (Kelvar®) and one braid of steel wire
Safety factor:	1:4
Temperature:	-40°C – +100°C, water max +70°C
Design:	Black cover

Applications/Characteristics

This hose is suited for hydraulics with very high pressures, e.g. high pressure pumps and heavy duty applications.

Ferrule:	3500-01-xx
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1058-04-04	6,5	1/4"	12,7	70,0	35	0,38
1058-06-06	10,0	3/8"	18,4	70,0	90	0,66

1056-02 HYDROSCAND T3311



Construction

Inner tube:	Polyester elastomer
Cover:	Oil, weather and abrasion resistant polyurethane
Reinforcement:	Two braids of aramid (Kelvar®) and one braid of steel wire
Safety factor:	1:4
Temperature:	-40°C – +100°C, water max +70°C
Design:	Black cover

Applications/Characteristics

This hose is suited for hydraulics with very high pressures, e.g. high pressure pumps and heavy duty applications. Due to the inner tube of polyester, the hose will retain its flexibility in cold temperatures.

Ferrule:	3500-01-xx
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1056-02-04	6,5	1/4"	14,3	80,0	35	0,25

1057-01 HYDROSCAND T6071

**Construction**

Inner tube:	Polyester elastomer
Cover:	Special polyester
Reinforcement:	One or two layers of polyester
Safety factor:	1:4
Temperature:	-55°C – +100°C, air and water max +70°C
Design:	Black cover, pin-pricked

Applications/Characteristics

The hose is suited for medium pressures and low temperatures, e.g. for forklifts in cold-storage rooms. Equivalent to, or exceeds SAE 100 R18.

Ferrule:	4200-27-xx
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1057-01-03	5,0	3/16"	9,6	21,0	25	0,06
1057-01-04	6,5	1/4"	12,2	21,0	35	0,10
1057-01-05	8,0	5/16"	14,3	21,0	45	0,13
1057-01-06	10,0	3/8"	16,6	21,0	45	0,17
1057-01-08	13,0	1/2"	22,5	21,0	70	0,30

1092-01 P.T.F.E. HOSE

**Construction**

Inner tube:	Smooth P.T.F.E. (Teflon®)
Reinforcement:	One braid of stainless steel wire
Safety factor:	1:4
Temperature:	-60°C – +260°C

Applications/Characteristics

A very suitable hose for hazardous environments together with dissolvents, paint, hydraulic oils, food as well as other applications where high temperature, high pressure and resistance towards chemicals are needed along with elastic characteristics. Age resistant.

Ferrule:	4200-26-xx
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm
1092-01-02	3,4	1/8"	6,2	24,2	38
1092-01-03	5,1	3/16"	8,1	19,8	64
1092-01-04	6,7	1/4"	9,4	16,8	76
1092-01-05	8,4	5/16"	11,1	15,5	102
1092-01-06	10,0	3/8"	12,7	13,8	127
1092-01-08	13,2	1/2"	16,6	12,1	152
1092-01-10	16,6	5/8"	19,8	8,6	178
1092-01-12	19,8	3/4"	23,0	7,8	203
1092-01-16	26,1	1"	29,3	6,0	305

1093-01 P.T.F.E. HOSE - HEAVY WALL**Construction**

Inner tube:	Smooth P.T.F.E. (Teflon®), heavy wall
Reinforcement:	One braid of stainless steel wire
Safety factor:	1:4
Temperature:	-60°C – +260°C

Applications/Characteristics

The hose is suitable for very demanding material transportation. A very robust hose, especially suitable for low, oscillating temperatures. Age resistant.

Ferrule:	4200-26-xx
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm
1093-01-04	6,7	1/4"	10,1	17,3	51
1093-01-05	8,4	5/16"	11,7	16,0	76
1093-01-06	10,0	3/8"	13,4	13,8	83
1093-01-08	13,4	1/2"	16,8	12,4	102
1093-01-10	16,6	5/8"	20,1	8,6	127
1093-01-12	19,8	3/4"	23,2	7,8	178
1093-01-16	26,1	1"	29,5	5,3	292

1095 P.T.F.E. HOSE, DOUBLE STEEL BRAIDS**Construction**

Inner tube:	Smooth P.T.F.E. (Teflon®)
Reinforcement:	Double braids of stainless steel wire
Safety factor:	1:4
Temperature:	-60°C – +260°C

Applications/Characteristics

A very suitable hose for hazardous environments together with dissolvents, paint, fuels, hydraulic oils, food as well as other applications where high temperature, high pressure and resistance towards chemicals are needed along with elastic characteristics. Age resistant.

Ferrule:	4200-30-xx
Product group:	110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm
1095-01-04	6,2	1/4"	9,8	19,8	76
1095-01-06	8,9	3/8"	13,0	19,0	127
1095-01-08	12,4	1/2"	16,9	14,7	140

1091 P.T.F.E. HOSE, CONVOLUTED



Construction

Inner tube: Convoluted P.T.F.E. (Teflon®)
 Reinforcement: One braid of stainless steel wire, SS 2330
 Safety factor: 1:4
 Temperature: -70°C – +230°C

Applications/Characteristics

A very flexible high pressure hose due to the convoluted inner tube. The hose is suitable for most hazardous environments. Large chemical resistance range, low friction and wide temperature range. Age resistant.

Ferrule: 4200-30-xx
 Product group: 110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm
1091-00-04	7,1	1/4"	12,3	13,8	18
1091-00-06	9,5	3/8"	15,5	11,2	20
1091-00-08	12,7	1/2"	17,7	7,8	25
1091-00-10	15,9	5/8"	22,1	6,8	50
1091-00-12	19,0	3/4"	24,6	5,2	65
1091-00-16	25,5	1"	30,7	3,5	90

1096 P.T.F.E. HOSE, CONVOLUTED TAPED



Construction

Inner tube: Taped and convoluted P.T.F.E. (Teflon®)
 Reinforcement: One braid of stainless steel wire, SS 2330
 Safety factor: 1:4
 Temperature: -40°C – +205°C



Applications/Characteristics

A very flexible high pressure hose due to the convoluted inner tube. The hose is suitable for most hazardous environments. Large chemical resistance range, low friction and wide temperature range. Age resistant.

Ferrule: 4200-30-xx
 Product group: 110

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1096-01-06	10,00	3/8"	15,5	12,5	50,0	0,25
1096-01-08	13,20	1/2"	18,7	10,5	65,0	0,32
1096-01-10	16,00	5/8"	22,0	10,0	80,0	0,41
1096-01-12	19,50	3/4"	26,9	9,0	100,0	0,54
1096-01-16	25,45	1"	32,9	8,0	125,0	0,72
1096-01-20	32,00	1 1/4"	39,4	6,4	150,0	0,82
1096-01-24	38,15	1 1/2"	45,9	5,3	200,0	1,05
1096-01-32	50,10	2"	58,4	3,5	250,0	1,27



1201-11 SPIR STAR, TYPE 2W**Construction**

Inner tube:	Polyamid / Nylon 11/12
Cover:	Polyurethane
Reinforcement:	Four spirals of steel wire
Safety factor:	1:2,5
Temperature:	-30°C – +80°C
Design:	Black

Applications/Characteristics

A Spir Star-hose for high pressure hydraulics and water cleaning. The hose is delivered assembled with fittings according to customer demand. All hoses are tested and certified before delivery.

Product group: 140

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1201-11-02	4,0	1/8"	9,8	140,0	65	0,16
1201-11-04	6,0	1/4"	11,7	128,0	95	0,23
1201-11-05	8,0	5/16"	13,8	100,0	110	0,29
1201-11-06	10,0	3/8"	16,8	100,0	125	0,43
1201-11-08	12,8	1/2"	20,4	100,0	150	0,59

1201-30 SPIR STAR, TYPE 4**Construction**

Inner tube:	Polyamid / Nylon 11/12 or POM
Cover:	Polyamid / Nylon 11/12
Reinforcement:	Four spirals of steel wire
Safety factor:	1:2,5
Temperature:	-30°C – +80°C
Design:	Grey

Applications/Characteristics

A Spir Star-hose for high pressure hydraulics and water cleaning. The hose is delivered assembled with fittings according to customer demand. All hoses are tested and certified before delivery.

Product group: 140

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1201-30-02	4,0	1/8"	10,3	216,0	130	0,23
1201-30-03	5,0	3/16"	11,2	180,0	150	0,26
1201-30-04	6,3	1/4"	12,6	150,0	180	0,30
1201-30-05	8,0	5/16"	14,6	150,0	200	0,39
1201-30-06	9,9	3/8"	18,4	150,0	200	0,69
1201-30-08	12,8	1/2"	21,4	128,0	200	0,80
1201-30-10	16,0	5/8"	25,0	100,0	250	0,94
1201-30-12	19,8	3/4"	29,6	100,0	250	1,35

1201-40 SPIR STAR, TYPE 6**Construction**

Inner tube:	Polyamid / Nylon 11/12 or POM
Cover:	Polyamid / Nylon 11/12
Reinforcement:	Six spirals of steel wire
Safety factor:	1:2,5
Temperature:	-30°C – +80°C
Design:	Blue

Applications/Characteristics

A Spir Star-hose for high pressure hydraulics and water cleaning. The hose is delivered assembled with fittings according to customer demand. All hoses are tested and certified before delivery.

Product group: 140

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1201-40-02	4,0	1/8"	11,5	280,0	175	0,36
1201-40-03	5,0	3/16"	13,4	262,0	200	0,45
1201-40-05	8,0	5/16"	16,4	200,0	250	0,64
1201-40-06	9,8	3/8"	20,4	192,0	250	1,00
1201-40-08	12,8	1/2"	23,4	168,0	300	1,16
1201-40-12	18,8	3/4"	31,4	140,0	350	1,92

1201-46 SPIR STAR, TYPE 6H**Construction**

Inner tube:	Polyamid / Nylon 11/12 or POM
Cover:	Polyamid / Nylon 11/12
Reinforcement:	Six spirals of steel wire
Safety factor:	1:2,5
Temperature:	-30°C – +80°C
Design:	Red

Applications/Characteristics

A hose for high pressure hydraulics and water cleaning. The hose is delivered assembled with fittings according to customer demand. All hoses are tested and certified before delivery.

Product group: 140

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1201-46-03	5,0	3/16"	13,8	280,0	220	0,52
1201-46-05	8,0	5/16"	17,8	250,0	260	0,83

INDUSTRIAL HOSES

1:4



HYDROSCAND INDUSTRIAL HOSES

In our wide selection of high quality hoses, we have hoses for all application areas. We have strived to offer low weight, great flexibility and a variety of dimensions in order to meet our customers needs for the right hose for the right kind of fluids. With our wide range of products, Hydros scand can offer the perfect hose to fulfil the special demands of every function.

Hydros scand will also commit to develop hoses in cooperation with the customers, to fulfil requests of other materials or special qualities.

For industrial hose fittings, see chapter 5.

For hose clamps, see chapter 5:01.

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IMAGE EXPLANATIONS



Water



Air pressure



Oil and gasoline



Food and beverage



Steam



Ventilation



Materials



Gas and welding



Chemicals



Special



Bureau Veritas



MED



RINA



CE



Lloyds Registry of Shipment



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1401 HYDROWATER, INDUSTRIAL WATER HOSE 10/12 BAR



Construction

Inner tube: Synthetic rubber (SBR)
 Cover: Weather and abrasion resistant rubber (SBR/EPDM)
 Reinforcement: Synthetic textile
 Safety factor: 1:3
 Temperature: -30°C – + 80°C
 Design: Smooth, red. Wrapped from 32 mm.



Applications/Characteristics

A flush hose for industries, construction sites, sports facilities and wash halls. Easy to handle, low weight, durable and weather resistant.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1401-00-08	13	19	1,2	80	0,24	50
1401-00-10	16	23	1,2	100	0,34	50
1401-00-12	19	26	1,2	110	0,40	50
1401-00-16	25	33	1,2	150	0,58	50
1401-00-20	32	42	1,0	192	0,89	40
1401-00-24	38	48	1,0	228	1,02	40
1401-00-25	45	55	1,0	271	1,20	40
1401-00-32	50	60	1,0	300	1,31	40
1401-00-40	63	73	1,0	381	1,63	40
1401-00-48	75	86	1,0	450	2,20	40
1401-00-64	102	114	1,0	800	3,69	40
1401-00-96	152	162	1,0	1220	4,80	40

1456-50 MULTIWATER, FLUSH HOSE 20 BAR



Construction

Inner tube: EPDM
 Cover: EPDM
 Reinforcement: Synthetic textile
 Safety factor: 1:3
 Temperature: -40°C – +120°C
 Design: Smooth, black with red longitudinal stripes



Applications/Characteristics

A flush and cleaning hose for cold and warm water for industry and agriculture. An exceptional flexibility combined with good temperature characteristics.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1456-50-08	13	19	2,0	75	0,21	40
1456-50-12	19	27	2,0	110	0,40	40
1456-50-16	25	34	2,0	150	0,57	40

1456-30 HYDROHEAT, HEATING HOSE FOR CONSTRUCTION SITES



Construction

Inner tube:	EPDM
Cover:	EPDM
Reinforcement:	Synthetic textile
Safety factor:	1:3
Temperature:	-40°C – +100°C
Design:	Smooth, grey (except 1" which is black)



Applications/Characteristics

Externally durable hose for transportation of hot water, especially in the construction industry. Regularly used as heating hose at construction sites.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1456-30-16	25	35	1,0	150	0,63	60
1456-30-20	32	43	0,5	350	0,91	60
1456-30-24	38	50	0,5	400	1,13	60
1456-30-32	51	63	0,5	500	1,46	60
1456-30-40	63	75	0,5	650	1,76	60

1501 WATER HOSE PVC



Construction

Inner tube:	PVC
Cover:	PVC
Reinforcement:	Knitted textile
Safety factor:	1:2,5
Temperature:	-5°C – +60°C
Design:	Smooth, yellow



Applications/Characteristics

A very resistant and soft knitted textile hose. The inner tube is made of a first class, food approved PVC material. Used in construction and shipbuilding industries, as well as for irrigation.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1501-25-08	13	18	1,0	127	0,14	25
1501-50-08	13	18	1,0	127	0,14	50
1501-25-12	19	25	1,0	190	0,25	25
1501-50-12	19	25	1,0	190	0,25	50
1501-25-16	25	32	0,8	250	0,36	25
1501-50-16	25	32	0,8	250	0,36	50

1401-10 PULPFLUSH, GROOVE FLUSH HOSE



Construction

Inner tube: SBR
 Cover: SBR/EPDM
 Reinforcement: Textile, spiral lacing
 Safety factor: 1:3
 Temperature: -40°C – +80°C
 Design: Corrugated with flush nozzle, red



Applications/Characteristics

The hose is used in the paper industry for slushing paper barrels. The external corrugation of the hose prevents dust formations on the floor.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1401-10-16	25	36	1,0	150	0,81	15
1401-10-20	32	43	1,0	190	0,95	20

1401-60 PUMPFLUSH HEAVY DUTY, FEEDER HOSE 15 BAR



Construction

Inner tube: SBR
 Cover: Abrasion and weather resistant EPDM
 Reinforcement: Two layers of synthetic textile
 Safety factor: 1:3
 Temperature: -40°C – +75°C
 Design: Wrapped, black



Applications/Characteristics

Especially designed as a pressure hose for drainage pumps and irrigation systems. Also very suitable for industry and mining. Resists pressure peaks and a very large external abrasion. Can be laid flat for transportation and storage.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Weight kg/m	Length m/coil
1401-60-64	102	112	1,5	1,92	40
1401-60-80	127	137	1,5	2,37	40
1401-60-96	152	164	1,5	3,35	40

1402 INDUSTRIAL COOLING HOSE, FIBERGLASS



Construction

Inner tube:	EPDM
Cover:	EPDM rubber with fiberglass
Reinforcement:	Synthetic textile
Safety factor:	1:3
Temperature:	-30°C – +120°C
Design:	White



Applications/Characteristics

Used as a protection and cooling hose where the working temperature is high, e.g. melting furnaces and foundries. The cover cord is made of fiberglass, which gives the hose a good resistance towards flames. Sustains 530° C temporary radiation as well as glowing steel spatter.

Product group: 140

Part number	YD mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1402-00-08	13	29,0	1,2	50	0,65	40
1402-00-10	16	32,0	1,2	85	0,77	40
1402-00-12	19,0	35,0	1,2	95	0,83	40
1402-00-16	25,0	41,0	1,2	125	0,98	40
1402-00-20	32,0	48,0	1,2	160	1,19	40
1402-00-32	51,0	71,0	1,2	250	2,24	40
1402-00-48	76,0	96,0	1,0	380	3,30	40

1402-30 WARECOOLER, INDUSTRIAL COOLING HOSE



Construction

Inner tube:	EPDM
Cover:	EPDM rubber with a ceramic fibre cord
Reinforcement:	Synthetic textile
Safety factor:	1:3
Temperature:	-40°C – +120°C
Design:	White



Applications/Characteristics

Used as a protection and cooling hose where the working temperature is high, e.g. melting furnaces and foundries. The cover cord is made of ceramic fibres, which gives the hose a good resistance towards flames. Sustains 1,100° C temporary radiation as well as glowing steel spatter. Electrical resistance: 10⁶ Ohm/m.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1402-30-08	13	23	1,0	120	0,45	40
1402-30-10	16	26	1,0	150	0,48	40
1402-30-12	19	30	1,0	200	0,58	40
1402-30-16	25	38	1,0	250	0,77	40
1402-30-20	32	45	1,0	320	0,91	40
1402-30-24	38	58	1,0	380	1,30	40
1402-30-32	51	65	1,0	500	1,89	40
1402-30-40	63,5	80	1,0	650	2,47	40
1402-30-48	76	95	1,0	800	3,44	40
1402-30-64	102	124	1,0	1000	5,12	40

1403 PUMPFLUSH SW, DOWN PIPE HOSE 10 BAR, LAY-FLAT



Construction

Inner tube:	Synthetic rubber (SBR)
Cover:	Weather resistant synthetic rubber (SBR)
Reinforcement:	Synthetic textile
Safety factor:	1:3
Temperature:	-30°C – +80°C
Design:	Wrapped, black



Applications/Characteristics

The hose is used as a down pipe for irrigation, gardening and sports facilities. Can be laid flat for simple storage and transportation.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Weight kg/m	Length m/coil
1403-00-16	25	31	1,0	0,38	40
1403-00-20	32	38	1,0	0,47	40
1403-00-24	38	45	1,0	0,65	40
1403-00-32	50	57	1,0	0,83	40
1403-00-40	63,5	70,5	1,0	1,04	40
1403-00-48	75	82	1,0	1,20	20
1403-00-64	100	108	1,0	1,78	20

1404 PUMPFLUSH HW, SPIRAL SUCTION HOSE 10 BAR



Construction

Inner tube:	Synthetic rubber (SBR)
Cover:	Weather resistant synthetic rubber (SBR)
Reinforcement:	Synthetic textile with a spiral of steel
Safety factor:	1:3
Temperature:	-30°C – +80°C
Design:	Wrapped, black



Applications/Characteristics

Suction hose for pumps, sewage, well-cleaning and tank tipping. Can be used on both the pressure side as well as the suction side of the pump.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1404-00-20	32	42,0	1,0	190	1,01	80	40
1404-00-24	38	48,0	1,0	230	1,16	80	40
1404-00-32	50	60,0	1,0	300	1,50	80	40
1404-00-48	75	86,5	1,0	450	2,75	80	20
1404-00-64	100	114,0	1,0	600	3,98	80	20

1405 PVC DRAINAGE HOSE, LAY-FLAT



Construction

Inner tube:	PVC
Cover:	PVC
Reinforcement:	Synthetic textile
Safety factor:	1:3
Temperature:	-20°C – +60°C
Design:	Smooth, blue



Applications/Characteristics

A durable and age resistant drainage hose for pump applications. Can also be used as hose protection. Can be laid flat for transportation and storage. Other dimensions and pressure classes are available upon request. The working pressures mentioned below are valid at +20°C.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Weight kg/m	Length m/coil
1405-00-12	19	21,6	0,7	0,11	100
1405-00-16	26	29,0	0,7	0,17	100
1405-00-20	33	35,9	0,7	0,20	100
1405-00-24	40	42,6	0,5	0,21	100
1405-00-32	52	54,7	0,5	0,27	100
1405-00-40	65	68,0	0,4	0,38	100
1405-00-48	77	80,4	0,4	0,53	100
1405-00-64	103	106,5	0,3	0,70	100
1405-00-80	128	132,0	0,3	0,94	100
1405-00-96	153	157,0	0,3	1,18	100
1405-02-04	207	212,0	0,2	1,90	50
1405-02-50	257	262,2	0,2	2,65	50

1425-30 GETEX, FIRE HOSE



Construction

Inner tube:	EPDM
Cover:	White polyester weave
Reinforcement:	Textile
Safety factor:	1:3
Temperature:	-50°C – + 90°C
Design:	Smooth, white



Applications/Characteristics

Low weight fire hose used by Scandinavian fire departments. Can be delivered in lengths of up to 1,000 meters/coil.

Product group: 140

Part number	ID mm	Work pr. MPa	Weight kg/m	Length m/coil
1425-30-16	25,0	2,0	0,12	15, 20, 25 and 30
1425-30-24	38,0	1,5	0,18	15, 20, 25 and 30
1425-30-32	51,0	1,5	0,27	15, 20, 25 and 30
1425-30-40	65,0	1,5	0,32	15, 20, 25 and 30
1425-30-48	76,0	1,5	0,40	15, 20, 25 and 30
1425-30-64	102,0	1,2	1,65	15, 20, 25 and 30

1508-10 HYDROSCAND ARCTIC, SUCTION HOSE PVC -40°



Construction

Inner tube: PVC
 Cover: PVC
 Reinforcement: Half-embedded PVC spiral
 Safety factor: 1:3
 Temperature: -40°C - +45°C
 Design: Corrugated, orange-black



Applications/Characteristics

A suction hose for sewage trucks, grains and fertilizing. Extremely pliable and flexible at very low temperatures. The extra hard PVC spiral provides excellent protection against external abrasion/friction. The hose is oil resistant.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Weight kg/m	Bend rad. mm	Vaccum pr. Max %	Length m/coil
1508-10-32	51	62	0,30	1,10	175	90	30
1508-10-32-90	51	62	0,30	1,10	175	90	50
1508-10-48	76	89	0,30	1,80	270	90	30
1508-10-48-90	76	89	0,30	1,80	270	90	50
1508-10-56	90	104	0,25	2,35	310	90	30
1508-10-64	102	117	0,20	2,80	350	90	30
1508-10-80	127	144	0,10	4,00	450	90	20
1508-10-96	152	170	0,10	5,10	600	90	20

90-dimensions are available in both 30 m and 50 m/roll

1508-20 SUPER-X POLAR, GREY



Construction

Inner tube: PVC
 Cover: PVC
 Reinforcement: Embedded PVC spiral
 Safety factor: 1:3
 Temperature: -40°C - +50°C
 Design: Lightly corrugated, silver grey, internally smooth



Applications/Characteristics

A super elastic and flexible suction and pressure hose for low temperatures. The low weight makes it suitable for use in sewage, pumping, and transport of grains and fertilizer etc.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1508-20-32	51	61	0,40	180	0,98	90	50
1508-20-40	63	74	0,35	220	1,35	90	50
1508-20-48	76	88	0,35	250	1,70	90	50
1508-20-64	102	115	0,30	335	2,60	90	30

1508-30 SUPER-X POLAR, BLACK**Construction**

Inner tube:	PVC
Cover:	PVC
Reinforcement:	Corrugated PVC spiral
Safety factor:	1:3
Temperature:	-40°C - +50°C
Design:	Corrugated, black with silver grey spiral, internally smooth

**Applications/Characteristics**

A super elastic and flexible suction and pressure hose for low temperatures. The low weight makes it suitable for use in sewage, pumping, and transport of grains and fertilizer etc.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Weight kg/m	Bend rad. mm	Vaccum pr. Max %	Length m/coil
1508-30-32	51	61	0,40	0,98	180	90	50
1508-30-40	63	74	0,35	1,35	220	90	50
1508-30-48	76	89	0,35	1,70	250	90	50
1508-30-64	102	116	0,30	2,60	335	80	30
1508-30-80	127	142	0,25	3,65	525	70	30
1508-30-96	152	169	0,25	5,10	630	70	30

1407-10 SPIRAL SUCTION HOSE, SUPER ELASTIC PVC



Construction

Inner tube: PVC
 Cover: PVC
 Reinforcement: PVC spiral
 Safety factor: 1:3
 Temperature: -25°C – +55°C
 Design: Corrugated, grey-green



Applications/Characteristics

A suction hose for sewage trucks, grains and fertilizing. Pliable and flexible at low temperatures. The extra hard PVC spiral gives an extraordinary protection against external abrasion.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1407-10-16	25	33,8	0,7	100	0,50	90	50
1407-10-20	32	40,8	0,6	130	0,60	90	50
1407-10-24	38	46,8	0,6	150	0,70	90	50

1410 CARHEATER, CAR HEATING HOSE



Construction

Inner tube: Heat resistant EPDM rubber
 Cover: Abrasion and weather resistant rubber (EPDM)
 Reinforcement: Synthetic textile
 Safety factor: 1:3
 Temperature: -40°C – +100°C, temporarily +120°C
 Design: Smooth, black



Applications/Characteristics

Suitable hose for cooling and heating systems on vehicles, including where pressure and heat is required. The hose is resistant to glycol and light chemicals.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1410-00-06	10,0	16,0	1,0	60	0,16	100
1410-00-08	13,0	19,0	1,0	80	0,20	100
1410-00-10	16,0	23,0	1,0	100	0,29	100
1410-00-12	19,0	27,0	1,0	115	0,39	50

1409-40 RADIATOR LL, COOLING HOSE 4 BAR



Construction

Inner tube:	EPDM
Cover:	EPDM
Reinforcement:	Synthetic textile
Safety factor:	1:3
Temperature:	-40°C – +125°C
Design:	Wrapped, black



Applications/Characteristics

A hose suitable for cooling systems, hot water, glycol etc. Also suitable for some chemicals.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Weight kg/m	Length m/coil
1409-40-12	20,0	26,0	0,4	0,308	40
1409-40-14	22,0	28,0	0,4	0,334	40
1409-40-16	25,0	34,5	0,4	0,421	40
1409-40-18	28,0	36,0	0,4	0,459	40
1409-40-20	32,0	40,0	0,4	0,621	40
1409-40-22	35,0	43,0	0,4	0,672	40
1409-40-24	38,0	47,0	0,4	0,825	40
1409-40-30	45,0	54,0	0,4	1,020	40
1409-40-31	48,0	57,5	0,4	1,090	40
1409-40-32	50,0	60,0	0,4	1,150	40
1409-40-38	55,0	65,0	0,4	1,320	40
1409-40-39	60,0	70,0	0,4	1,430	40
1409-40-40	65,0	76,0	0,4	1,510	40
1409-40-44	70,0	80,0	0,4	1,650	40
1409-40-48	75,0	86,0	0,4	1,790	40
1409-40-51	80,0	90,0	0,4	1,870	40
1409-40-56	90,0	100,0	0,4	2,090	40
1409-40-64	100,0	111,5	0,4	2,160	40

1409-50 RADIATOR FLEX, CORRUGATED COOLING HOSE



Construction

Inner tube:	Heat resistant EPDM rubber
Cover:	Abrasion, heat and partly oil resistant rubber (CR)
Reinforcement:	Synthetic textile with one steel spiral
Safety factor:	1:3
Temperature:	-40°C – +120°C
Design:	Corrugated, black



Applications/Characteristics

The hose is used as a cooling hose in vehicles where there is a requirement for high flexibility. Its special corrugation allows hard bends without folding. Also used as a hot water hose in the industry.

Produkt group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1409-50-10	16,0	24,0	0,5	80	0,30	40
1409-50-12	20,0	28,0	0,5	100	0,38	40
1409-50-14	22,0	30,0	0,5	115	0,42	40
1409-50-16	25,0	33,0	0,5	125	0,46	40
1409-50-18	28,0	35,0	0,5	140	0,50	40
1409-50-20	32,0	40,0	0,5	160	0,73	40
1409-50-22	35,0	43,0	0,5	175	0,79	40
1409-50-24	38,0	46,0	0,5	190	0,84	40
1409-50-30	45,0	54,0	0,5	225	0,98	40
1409-50-32	50,0	59,0	0,5	250	1,08	40
1409-50-38	55,0	65,0	0,5	275	1,18	40
1409-50-44	70,0	80,0	0,5	350	1,47	40

1509-10 BLUE SILICON HOSE

**Construction**

Inner tube:	Silicon
Cover:	Silicon, thickness 1,3 mm
Reinforcement:	Three inlays with polyester
Safety factor:	1:3
Temperature:	-60°C – +180°C
Design:	Smooth, blue

**Applications/Characteristics**

Excellent hose for cool and heat systems in buses and trucks. The silicon may come into contact with oil, but should NOT be used as a transporter hose for petroleum products, nor in oil baths.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Weight kg/m	Length
1509-10-08	13,0	21,4	1,0	0,34	1 m
1509-10-10	16,0	24,4	0,8	0,40	1 m
1509-10-12	19,0	27,4	0,7	0,46	1 m
1509-10-14	22,0	30,4	0,6	0,52	1 m
1509-10-16	25,0	33,4	0,6	0,57	1 m
1509-10-18	28,0	36,4	0,5	0,62	1 m
1509-10-19	30,0	38,4	0,5	0,66	1 m
1509-10-20	32,0	40,4	0,5	0,69	1 m
1509-10-22	35,0	43,4	0,5	0,74	1 m
1509-10-24	38,0	46,4	0,4	0,79	1 m
1509-10-25	40,0	48,4	0,4	0,80	1 m
1509-10-30	45,0	53,4	0,4	0,90	1 m
1509-10-31	48,0	56,4	0,3	0,96	1 m
1509-10-32	51,0	59,4	0,3	0,99	1 m
1509-10-38	54,0	62,4	0,3	1,04	1 m
1509-10-39	60,0	68,4	0,3	1,13	1 m
1509-10-40	63,0	71,4	0,3	1,17	1 m
1509-10-44	70,0	78,4	0,3	1,27	1 m
1509-10-48	76,0	84,4	0,3	1,35	1 m
1509-10-51	80,0	88,4	0,2	1,41	1 m
1509-10-53	83,0	91,4	0,2	1,46	1 m
1509-10-56	90,0	98,4	0,2	1,54	1 m
1509-10-64	100,0	108,4	0,2	1,67	1 m
1509-10-80	127,0	135,4	0,2	1,99	1 m

1509-90 BLUE SILICON HOSE 90° 150X150 MM

**Construction**

Inner tube:	Silicon
Cover:	Silicon
Reinforcement:	Three inlays with polyester
Safety factor:	1:3
Temperature:	-60°C – +180°C
Design:	Smooth, blue

**Applications/Characteristics**

Excellent hose for cool and heat systems in buses and trucks. The silicon may come into contact with oil, but should NOT be used as a transporter hose for petroleum products, nor in oil baths.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa
1509-90-08	13,0	21,0	1,0
1509-90-12	19,0	27,0	0,7
1509-90-14	22,0	30,0	0,6
1509-90-16	25,0	33,0	0,6
1509-90-18	28,0	36,0	0,5
1509-90-20	32,0	40,0	0,5
1509-90-24	38,0	46,0	0,4
1509-90-30	45,0	53,0	0,4
1509-90-32	51,0	59,0	0,3
1509-90-39	60,0	68,0	0,29
1509-90-44	70,0	78,0	0,25
1509-90-48	76,0	84,0	0,25
1509-90-64	102,0	110,0	0,21

1415 AQUASEWER, FLUSHING HOSE 250 BAR

**Construction**

Inner tube:	Synthetic rubber (SBR)
Cover:	Abrasion and weather resistant rubber (NR/BR)
Reinforcement:	Two layers of textile
Safety factor:	1:2,5
Temperature:	-35°C – +80°C
Design:	Smooth, black

**Applications/Characteristics**

A hose for high pressure flushing of sewers and sewage systems. Its abrasion proof cover and textile reinforcement make it flexible and very easy to handle. Pre-assembled with an internal, alternative external, and external thread (BSP). Delivered with Pressure Test Certificate.

Ferrule: 1415-91-xx, 1415-92-xx

Product group: 140

Part number	ID mm	OD mm	Work.pr MPa	Bend rad. mm	Weight kg/m	Length m/coil	Threads
1415-06-08	13,0	25,0	25,0	70	0,46	60	INT-EXT
1415-06-0890	13,0	25,0	25,0	70	0,46	60	EXT-EXT
1415-08-08	13,0	25,0	25,0	70	0,46	80	INT-EXT
1415-08-0890	13,0	25,0	25,0	70	0,46	80	EXT-EXT
1415-12-08	13,0	25,0	25,0	70	0,46	120	INT-EXT
1415-12-0890	13,0	25,0	25,0	70	0,46	120	EXT-EXT
1415-12-16	25,0	39,0	25,0	110	0,86	120	INT-EXT
1415-12-1690	25,0	39,0	25,0	110	0,86	120	EXT-EXT
1415-15-16	25,0	39,0	25,0	110	0,86	150	INT-EXT
1415-15-1690	25,0	39,0	25,0	110	0,86	150	EXT-EXT
1415-16-1690	25,0	39,0	25,0	110	0,86	160	EXT-EXT
1415-12-20	32,0	48,0	25,0	150	1,27	120	INT-EXT
1415-15-20	32,0	48,0	25,0	150	1,27	150	INT-EXT
1415-18-20	32,0	48,0	25,0	150	1,27	180	INT-EXT

1419 AQUASEWER, FLUSHING HOSE THERMOPLAST 250 BAR



Construction

Inner tube: Polyethylene (PE)
 Cover: Polyurethane (PU)
 Reinforcement: Two braids of nylon
 Safety factor: 1:2,5
 Temperature: -40°C – +60°C
 Design: Smooth, blue



Applications/Characteristics

A hose suitable for high pressure sewage systems. The hose has low weight compared to rubber hoses, which leads to less abrasion and increased flowing speed. The hose sustains 3–4 times more external abrasion compared to a traditional rubber hose. It is delivered pre-assembled with fittings according to demand. Delivered with Pressure Test Certificate.

Ferrule: 5099-16-xx

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1419-06-08	13,0	22,8	25,0	75	0,29	60
1419-08-08	13,0	22,8	25,0	75	0,29	80
1419-12-08	13,0	22,8	25,0	75	0,29	120
1419-06-12	19,6	30,3	25,0	120	0,49	60
1419-08-12	19,6	30,3	25,0	120	0,49	80
1419-12-12	19,6	30,3	25,0	120	0,49	120
1419-06-16	25,9	37,9	25,0	155	0,62	60
1419-08-16	25,9	37,9	25,0	155	0,62	80
1419-12-16	25,9	37,9	25,0	155	0,62	120

1420 HYDROAIR, AIR PRESSURE HOSE 15 BAR



Construction

Inner tube: Synthetic rubber (SBR)
 Cover: Abrasion resistant synthetic rubber (SBR)
 Reinforcement: Synthetic textile
 Safety factor: 1:3
 Temperature: -25°C – +70°C
 Design: Smooth, black. Wrapped from 32 mm



Applications/Characteristics

This air pressure hose is suitable for most applications, tools, air pressure units and rock drills etc. Used in engineering, mining and construction industries. Sustains oil mist.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1420-00-04	6,0	12,0	1,5	50	0,13	40
1420-00-05	8,0	14,0	1,5	65	0,19	40
1420-00-06	10,0	17,0	1,5	80	0,22	40
1420-00-08	13,0	22,0	1,5	105	0,32	40
1420-00-10	16,0	25,0	1,5	130	0,49	40
1420-00-12	19,0	28,0	1,5	150	0,57	40
1420-00-16	25,0	36,0	1,5	200	0,79	40
1420-00-20	32,0	44,0	1,5	320	0,94	40
1420-00-24	38,0	52,0	1,5	380	1,42	40
1420-00-32	51,0	65,0	1,5	500	1,98	40
1420-00-40	63,0	78,0	1,5	650	2,42	40
1420-00-48	76,0	90,0	1,5	750	2,80	40
1420-00-64	102,0	115,0	1,5	1000	3,55	40

1421 MULTIAIR, AIR PRESSURE HOSE 20 BAR



Construction

Inner tube:	Synthetic rubber (SRB)
Cover:	Abrasion resistant synthetic rubber (SBR/EPDM)
Reinforcement:	Synthetic textile
Safety factor:	1:3
Temperature:	-25°C – +70°C
Design:	Smooth, black



Applications/Characteristics

Air pressure hose for applications where there is a high demand for abrasion resistance and high working pressures. Suitable in engineering, mining and construction industries. Sustains oil mist.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1421-00-04	6	14	2,0	50	0,19	100
1421-00-05	8	17	2,0	65	0,23	100
1421-00-06	10	19	2,0	80	0,31	100
1421-00-08	13	23	2,0	105	0,43	100
1421-00-10	16	26	2,0	130	0,50	80
1421-00-12	19	30	2,0	150	0,64	80
1421-00-16	25	37	2,0	200	0,88	50

1521 AIRCOMP, COMPRESSOR HOSE, 180°C



Construction

Inner tube:	White, food classed, heat resistant EPR
Cover:	EPDM
Reinforcement:	Synthetic textile with one steel spiral
Safety factor:	1:4
Temperature:	-40°C – +180°C
Design:	Wrapped, blue



Applications/Characteristics

A hose for air connections from compressors on trucks for bulk transportation of powder products. The hose is highly pliable and sustains high temperatures. The cover is weather and ozone resistant.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1521-10-32	51	63	1,0	175	1,70	40
1521-10-48	76	90	1,0	270	2,74	40
1521-10-64	102	116	1,0	400	4,12	40

1521-50 AIRCOMP SOFT, COMPRESSOR HOSE, 180°C**Construction**

Inner tube:	White, food classed, heat resistant EPR
Cover:	Weather and ozone resistant EPDM
Reinforcement:	Synthetic textile
Safety factor:	1:3
Temperature:	-40°C – +180°C
Design:	Wrapped, blue

**Applications/Characteristics**

A hose for air connections from compressors on trucks for bulk transportation of powder products. The hose sustains high temperatures. The cover is weather and ozone resistant.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Weight kg/m	Length m/coil
1521-50-48	76	94	1,0	2,63	40
1521-50-56	90	108	1,0	3,46	40

1421-32 HYDROBREATHE, RESPIRATION HOSE EN 14593, EN 14594**Construction**

Inner tube:	Hytrel
Cover:	NBR/PVC
Reinforcement:	Synthetic textile
Safety factor:	1:4
Temperature:	-20°C – +60°C
Design:	Smooth, blue

**Applications/Characteristics**

A flexible hose for air supply in fresh air machines during sand blasting, painting and welding. Light, and does not crease. Anti-static 10^6 Ohm/m. Certified according to EN 14593 and EN 14594 (replacing certification EN139). Not for underwater-use.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Burst pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1421-32-04	6	12	1,5	6.0	40	0,10	50
1421-32-06	10	16	1,5	6.0	40	0,15	50
1421-32-08	12,7	19	1,5	6.0	80	0,19	50

1422 AIR PRESSURE HOSE PVC



Construction

Inner tube:	PVC
Cover:	PVC
Reinforcement:	Polyester
Safety factor:	1:3
Temperature:	-5°C – +60°C
Design:	Smooth, transparent



Applications/Characteristics

This hose is used for compressed air and for transportation of water. It is especially suitable for indoor use. Not for gasoline use. Food approved.

Product group: 140

Part number	ID mm	OD mm	Work pr. at +20°C, MPa	Bend rad. mm	Weight kg/m	Length m/coil
1422-00-04	6,0	11,0	2,0	60	0,085	50
1422-00-05	8,0	13,0	2,0	80	0,105	50
1422-00-06	10,0	15,0	2,0	100	0,125	50
1422-00-08	13,0	18,0	1,5	130	0,150	50
1422-00-10	16,0	21,0	1,4	160	0,185	50
1422-00-12	19,0	25,0	1,3	190	0,270	50
1422-00-16	25,0	32,0	0,9	250	0,385	50
1422-00-20	32,0	39,0	0,7	320	0,625	25
1422-00-24	38,0	47,0	0,6	380	0,775	25
1422-00-32	50,0	60,0	0,5	510	1,185	25

1424 AIR PRESSURE HOSE PVC 20 BAR



Construction

Inner tube:	PVC
Cover:	PVC
Reinforcement:	Polyester
Safety factor:	1:3
Temperature:	-15°C – +60°C
Design:	Smooth, beige



Applications/Characteristics

Quality hose for compressed air tools. Extremely flexible, weather resistant and durable. The hose is easy to handle even at low temperatures.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1424-00-04	6,3	11,0	2,0	45	0,08	50
1424-00-05	8,0	13,0	2,0	56	0,10	50
1424-00-06	10,0	15,5	2,0	70	0,14	50
1424-00-08	12,7	19,0	2,0	89	0,20	50
1424-00-10	16,0	23,0	2,0	112	0,27	50
1424-00-12	19,0	26,5	2,0	133	0,33	50
1424-00-16	25,0	33,5	2,0	175	0,48	50

1424-10 AIR PRESSURE HOSE PVC 40 BAR



Construction

Inner tube:	PVC
Cover:	PVC
Reinforcement:	Braid of textile
Safety factor:	1:3
Temperature:	-15°C – +60°C
Design:	Smooth, blue



Applications/Characteristics

A flexible PVC hose for high air pressures. Used in the industry and agriculture.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1424-10-04	6,3	12,5	4,0	44	0,12	50
1424-10-06	10,0	17,0	4,0	70	0,20	50
1424-10-08	12,0	20,0	4,0	84	0,26	50
1424-10-10	16,0	24,0	4,0	112	0,32	50
1424-10-12	19,0	28,0	4,0	133	0,40	50
1424-10-16	25,0	35,0	4,0	175	0,61	50

1424-20 AIR PRESSURE HOSE PVC 15 BAR



Construction

Inner tube:	PVC
Cover:	PVC
Reinforcement:	Polyester fibre
Safety factor:	1:4
Temperature:	-20°C – +60°C
Design:	Smooth, light blue with matt finish



Applications/Characteristics

A very light, flexible and cold resistant hose for compressed air units and tools such as jack hammers, grinding machines, breakers, riveters, air chisels ect. This hose is used within mechanical mining and construction industries. It is also suitable for water. Resistant to oil mist.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1424-20-04	6,3	11,0	1,5	45	0,08	50
1424-20-05	8,0	13,0	1,5	56	0,10	50
1424-20-06	10,0	15,5	1,5	70	0,14	50
1424-20-08	12,7	19,0	1,5	89	0,20	50
1424-20-10	16,0	23,0	1,5	112	0,27	50
1424-20-12	19,0	26,5	1,5	133	0,33	50
1424-20-16	25,0	33,5	1,5	175	0,49	50

1424-30 UNIVERSAL PU HOSE 20 BAR



Construction

Inner tube:	PU
Cover:	PVC/NBR
Reinforcement:	Synthetic textile
Safety factor:	1:3
Temperature:	-15°C – +60°C
Design:	Smooth, green



Applications/Characteristics

A very light hose, only 2/3 of a conventional PVC or rubber hose. It is very flexible and has a high ozone resistance. It is also resistant towards lubricates, oils and non-aggressive chemicals. Well suited for pneumatic tools and sandblasting. Food quality.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1424-30-04	6	10,0	2,0	20	0,07	100
1424-30-05	8	12,0	2,0	22	0,11	60
1424-30-06	10	15,0	2,0	38	0,13	50
1424-30-08	13	19,0	2,0	55	0,20	30
1424-30-10	16	23,0	2,0	60	0,25	25

1425 MANTEX, AIR PRESSURE HOSE, LAY-FLAT



Construction

Inner tube:	Abrasion and oil resistant PVC/NBR
Cover:	Abrasion and oil resistant PVC/NBR
Reinforcement:	Synthetic textile
Safety factor:	1:5
Temperature:	-30°C – +75°C
Design:	Lay-flat, smooth, black



Applications/Characteristics

Air pressure hose designed for construction sites where low weight is appreciated. The hose sustains a lot of external abrasion and can be stored laying flat. Can be delivered in lengths of up to 200 meters.

Produktgruppe: 140

Part number	ID mm	OD mm	Work pr. MPa	Weight kg/m	Length m/coil
1425-00-12	20	25	2,0	0,17	60
1425-00-16	25	31	2,0	0,24	60
1425-00-24	38	43	1,2	0,39	60
1425-00-32	51	56	1,2	0,56	60
1425-00-40	65	71	1,0	0,70	60
1425-00-48	76	83	1,0	0,90	60

1425-00-1690 FLATAIR, AIR PRESSURE HOSE, LAY-FLAT 20 BAR**Construction**

Inner tube:	Abrasion and oil resistant PVC/NBR
Cover:	Abrasion and oil resistant PVC/NBR
Reinforcement:	Synthetic textile
Safety factor:	1:5
Temperature:	-30°C – +75°C
Design:	Lay-flat, smooth, yellow

**Applications/Characteristics**

Air pressure hose designed for construction sites where low weight is appreciated. The hose sustains a lot of external abrasion and can be stored laying flat. Can be delivered in lengths of up to 200 meters.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Weight kg/m	Length m/coil
1425-00-1690	25	31	2,0	0,24	60

1425-70 HYDRODRILL, AIR PRESSURE HOSE PU 30 BAR, LAY-FLAT



Construction

Inner tube:	Abrasion and oil resistant PU
Cover:	Abrasion and oil resistant PU
Reinforcement:	Synthetic textile
Safety factor:	1:5
Temperature:	-50°C – +100°C
Design:	Lay-flat, smooth, orange with Hydros cand lable



Applications/Characteristics

Air pressure hose designed for construction sites (well drilling) where low weight is appreciated. Due to the PU-design, the hose sustains an extreme amount of external abrasion and can be stored laying flat.

Product group: 140

For higher pressure, see 1425-80

Part number	ID mm	OD mm	Work pr. MPa	Weight kg/m	Length m/coil
1425-72-32	51	57	3,0	0,70	20
1425-74-32	51	57	3,0	0,70	40

1425-80 MULTIDRILL, AIR PRESSURE HOSE PU 35 BAR, LAY-FLAT



Construction

Inner tube:	Abrasion and oil resistant PU
Cover:	Abrasion and oil resistant PU
Reinforcement:	Synthetic textile
Safety factor:	1:5
Temperature:	-50°C – +100°C
Design:	Lay-flat, smooth, orange with Hydros cand lable



Applications/Characteristics

Air pressure hose designed for construction sites (well drilling) where low weight is appreciated. Due to the PU-design, the hose sustains an extreme amount of external abrasion and can be stored laying flat.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Weight kg/m	Length m/coil
1425-82-32	51	60	3,5	0,83	20
1425-84-32	51	60	3,5	0,83	40

1426 AIRBRAKE SAE J1402-A, BRAKE HOSE



Construction

Inner tube: NBR/SBR
 Cover: CR
 Reinforcement: Textile
 Safety factor: 1:6,21
 Temperature: -40°C – +93°C
 Design: Smooth, black



Applications/Characteristics

Brake hose for vehicles and pneumatic systems. Manufactured according to SAE J14002-A.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1426-00-09	9,5	19,0	1,0	89	0,30	40
1426-00-12	12,7	22,2	1,0	102	0,37	40
1426-00-14	14,5	24,5	1,0	114	0,43	40

1426-10 AIRBRAKE DIN 74310, BRAKE HOSE



Construction

Inner tube: EPDM
 Cover: EPDM
 Reinforcement: Synthetic textile
 Safety factor: 1:2,5
 Temperature: -40°C – +70°C
 Design: Smooth, black



Applications/Characteristics

Brake hose for vehicles and pneumatic systems. Manufactured according to DIN 74310

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1426-10-11	11	18	1,0	70	0,22	40
1426-10-13	13	25	1,0	100	0,49	40

1429 PVC HOSE, TRANSPARENT



Construction

Inner tube:	PVC
Cover:	PVC
Reinforcement:	None
Temperature:	-10°C – +60°C
Design:	Smooth, transparent, 75° shore



Applications/Characteristics

A PVC hose with no reinforcement designed for transportation of water and air. Other dimensions are available on request.

Product group: 140

Part number	ID mm	OD mm	Length m/coil
1429-02-04	2	4	100
1429-03-05	3	5	50
1429-04-06	4	6	100
1429-04-07	4	7	50
1429-05-08	5	8	50
1429-05-09	5	9	50
1429-06-09	6	9	50
1429-08-11	8	11	50
1429-08-12	8	12	50
1429-09-12	9	12	50
1429-09-13	9	13	50
1429-11-15	11	15	50
1429-12-15	12	15	50
1429-12-17	12	17	50
1429-19-23	19	23	50

1430 HYDROIL, OIL PRESSURE HOSE 10 BAR



Construction

Inner tube:	NBR
Cover:	NBR
Reinforcement:	Synthetic textile
Safety factor:	1:3
Temperature:	-20°C – +80°C
Design:	Smooth, black



Applications/Characteristics

Return hose for hydraulic systems, farm tanks, diesel, mineral oils, gasoline and unleaded gasoline. Also suitable for water, lubricants etc. This hose has an antistatic synthetic rubber cover. For larger dimensions, see 1435.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1430-00-03	5	12,0	1,0	30	0,11	40
1430-00-04	6	13,0	1,0	35	0,14	40
1430-00-05	8	15,0	1,0	40	0,17	40
1430-00-06	10	17,0	1,0	45	0,20	40
1430-00-08	13	20,0	1,0	50	0,26	40
1430-00-10	16	24,0	1,0	60	0,32	40
1430-00-12	19	27,0	1,0	65	0,40	40
1430-00-16	25	35,0	1,0	80	0,62	40

1432-50 MULTIOIL, OIL PRESSURE HOSE 20 BAR

**Construction**

Inner tube: Nitrile (NBR), electric resistance
 Cover: NBR/EPDM
 Reinforcement: Synthetic textile
 Safety factor: 1:4
 Temperature: -30°C – +100°C
 Design: Smooth, black

**Applications/Characteristics**

A very good all-round hose for many applications, such as return hose for hydraulic systems, diesel, gasoline, unleaded gasoline, RME (Rape-Methyl-Ester) and E85 fuel with max 30% mixture etc. The cover is resistant to external oil, abrasion, weather and heat. Electric resistance 10⁶ Ohm.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1432-50-04	6,0	13,0	2,0	30	0,14	40
1432-50-05	8,0	15,0	2,0	34	0,17	40
1432-50-06	10,0	17,0	2,0	38	0,19	40
1432-50-08	13,0	21,0	2,0	45	0,28	40
1432-50-10	16,0	24,5	2,0	53	0,35	40
1432-50-12	19,0	28,0	2,0	58	0,43	40
1432-50-16	25,0	35,0	2,0	77	0,62	40

1432-10 AUTOOIL, FUEL HOSE

**Construction**

Inner tube: Nitril (NBR)
 Cover: Oil and gasoline resistant rubber
 Reinforcement: Synthetic textile
 Safety factor: 1:3
 Temperature: -30°C – +100°C
 Design: Smooth (S), black/textile coated cover

**Applications/Characteristics**

This hose is resistant to leaded and unleaded gasoline and diesel. It is suitable for engine aggregates. The hose is delivered on bobbins. Hose stands can be ordered with part number 1432-10-00.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/bobbin
1432-10-02	3,0	7,0	1,0	27	0,06	15
1432-10-02S	4,0	9,0	1,0	30	0,07	15
1432-10-03S	5,0	10,0	1,0	40	0,08	15
1432-10-04S	6,0	13,0	1,0	55	0,14	15
1432-10-05	7,5	14,5	1,0	63	0,14	15
1432-10-05S	7,5	14,5	1,0	65	0,15	15
1432-10-06S	10,0	16,0	1,0	75	0,16	10

1432-30 YACHTOIL SW, MARINE FUEL HOSE ISO 7840



Construction

Inner tube:	Nitril (NBR)
Cover:	Oil, fire and weather resistant rubber (CR)
Reinforcement:	Synthetic textile
Safety factor:	See table below
Temperature:	-20°C – +80°C
Design:	Smooth, black



Applications/Characteristics

A very flexible fuel hose that is resistant to gasoline, unleaded gasoline and diesel. The hose is manufactured according to SS-EN ISO 7840 A1 regarding flame resistance and permeability. This means that it can sustain 2,5 minutes in open fire without leaking. For larger dimensions, see 1432-31.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Burst pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1432-30-02	4,0	14,0	1,0	3,4	25	0,19	100
1432-30-03	5,0	15,0	1,0	3,4	30	0,20	100
1432-30-04	6,0	16,0	1,0	3,4	35	0,24	100
1432-30-05	8,0	18,0	1,0	3,4	50	0,28	100
1432-30-06	10,0	20,0	1,0	3,4	60	0,28	100
1432-30-08	12,5	22,0	1,0	2,5	75	0,35	100
1432-30-10	16,0	26,0	1,0	2,5	100	0,46	80
1432-30-12	19,0	29,0	1,0	2,5	115	0,53	80
1432-30-16	25,0	35,0	1,0	2,5	150	0,66	50

1432-31 YACHTOIL SW, MARINE FUEL HOSE ISO 7840



Construction

Inner tube:	Nitril (NBR)
Cover:	Oil, fire and weather resistant rubber (CR)
Reinforcement:	Synthetic textile
Safety factor:	1:8
Temperature:	-20°C – +80°C
Design:	Wrapped, black



Applications/Characteristics

This hose is manufactured according to SS-EN ISO 7840 A1 regarding flame resistance and permeability. This means that it can sustain 2,5 minutes in open fire without leaking. It is used as a fuel refill hose on smaller boats.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1432-31-20	32,0	44,0	0,25	320	0,99	40
1432-31-24	38,0	50,0	0,25	380	1,14	40
1432-31-32	50,0	62,0	0,25	500	1,44	40
1432-31-38	55,0	67,0	0,25	550	1,57	40
1432-31-40	63,0	76,0	0,25	635	1,86	40
1432-31-48	76,0	88,0	0,25	760	2,10	20

1533 OIL SUCTION AND PRESSURE HOSE PVC

**Construction**

Inner tube: PVC/NBR
 Cover: PVC/NBR
 Reinforcement: Embedded spiral, PVC
 Safety factor: 1:3
 Temperature: -25°C – +60°C
 Design: Lightly corrugated, blue, internally smooth

**Applications/Characteristics**

A super elastic oil resistant suction and pressure hose for paraffins, grease oils, mineral based hydraulic oils, diesel, sludge and water etc. Low weight and very flexible. Also available in antistatic design, see 1533-10.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1533-00-12	19,0	26,0	0,80	100	0,50	90	50
1533-00-16	25,0	34,0	0,80	100	0,60	90	50
1533-00-20	32,0	41,0	0,70	150	0,70	90	50
1533-00-24	38,0	48,0	0,70	180	0,80	90	50
1533-00-32	51,0	61,0	0,70	200	1,20	90	50
1533-00-40	63,0	75,0	0,60	230	1,65	90	50
1533-00-48	76,0	88,0	0,60	250	2,00	90	50
1533-00-64	102,0	116,0	0,40	350	3,30	90	50

1533-10 OIL SUCTION AND PRESSURE HOSE PVC, ANTISTATIC

**Construction**

Inner tube: PVC/NBR
 Cover: PVC/NBR
 Reinforcement: Embedded spiral, PVC
 Safety factor: 1:3
 Temperature: -25°C – +60°C
 Design: Lightly corrugated, blue with longitudinal antistatic braid, internally smooth

**Applications/Characteristics**

A super elastic oil resistant suction and pressure hose for paraffins, grease oils, mineral based hydraulic oils, diesel, sludge and water etc. The hose has a longitudinal antistatic copper braid. Low weight and very flexible.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1533-10-32	51,0	61,0	0,70	200	1,20	90	50
1533-10-40	63,0	75,0	0,60	230	1,65	90	50
1533-10-48	76,0	88,0	0,50	250	2,00	90	50
1533-10-64	102,0	114,0	0,43	350	3,25	90	30

1434 EXMARIN, EXHAUST GAS/MARINE REFILL HOSE



Construction

Inner tube:	Oil resistant synthetic rubber (NBR)
Cover:	Oil resistant synthetic rubber (NBR/SBR)
Reinforcement:	Synthetic textile with a steel spiral
Safety factor:	1:3
Temperature:	-30°C – +100°C
Design:	Wrapped, black



Applications/Characteristics

The hose is suitable for exhaust gas and refill for boats. It fulfils the requirements of Nordic Boat Standard and the Norsk Veritas according to 94/25EC and ISO 7840A1. This means that it can sustain 2,5 minutes in open fire without leaking. It is also CE branded. For



Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1434-00-16	25,0	35,0	0,3	150	0,78	40
1434-00-20	32,0	42,0	0,3	190	0,94	40
1434-00-24	38,0	48,0	0,3	230	1,09	40
1434-00-25	40,0	50,0	0,3	240	1,14	40
1434-00-30	45,0	55,0	0,3	270	1,27	40
1434-00-32	50,0	60,0	0,3	300	1,41	40
1434-00-38	55,0	65,0	0,3	330	1,53	40
1434-00-40	63,5	73,5	0,3	380	1,86	40
1434-00-48	76,0	86,0	0,3	460	2,25	20
1434-00-56	90,0	100,0	0,3	540	2,67	20
1434-00-64	102,0	112,0	0,3	610	3,02	20

1434-70 MARINE EXHAUST GAS HOSE SAE J2006



Construction

Inner tube:	EPDM
Cover:	EPDM
Reinforcement:	Synthetic textile with a steel spiral
Safety factor:	1:3
Temperature:	-30°C – +100°C
Design:	Corrugated, black



Applications/Characteristics

Marine diesel and exhaust hose according to SAE J2006 R1 and R2. Very resistant to water, wet exhaust gases, ozone and UV-abrasion. Low weight with corrugated cover. The steel spiral and the design of the hose make it very flexible.

Approved by Lloyds Register of Shipping, certificate number 02/00029.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1434-70-20	32,0	40,0	0,40	48	0,45	40
1434-70-24	40,0	48,0	0,40	60	0,69	40
1434-70-28	45,0	53,0	0,40	68	0,75	40
1434-70-32	51,0	59,0	0,40	78	0,85	40
1434-70-35	57,0	65,0	0,30	86	0,95	40
1434-70-39	60,0	68,0	0,30	90	1,00	40
1434-70-40	63,0	71,0	0,30	95	1,10	40
1434-70-48	76,0	84,0	0,30	115	1,25	40
1434-70-56	90,0	98,0	0,20	135	1,68	40
1434-70-64	102,0	110,0	0,20	155	2,42	20
1434-70-69	110,0	119,0	0,20	167	2,90	20
1434-70-80	127,0	137,0	0,20	190	3,32	20
1434-70-96	152,0	163,0	0,20	230	5,03	20
1434-72-03	203,0	217,0	0,20	305	8,56	20

1435 TANKOIL SW, GAS TRUCK HOSE 10/20 BAR, ANTISTATIC WIRE



Construction

Inner tube: NBR
 Cover: NBR/SBR
 Reinforcement: Synthetic textile
 Safety factor: 1:3
 Temperature: -35°C – +80°C
 Design: Wrapped, black



Applications/Characteristics

The hose is designed to be used for transportation of petroleum products with no more than 50% aromatic contents. Good to use on gas trucks, as well as on refineries. Equipped with an antistatic wire.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1435-00-14	22,0	32,0	1,0	165	0,80	40
1435-00-16	25,0	35,0	1,0	250	0,61	40
1435-00-18	28,0	38,0	1,0	240	0,98	40
1435-00-20	32,0	45,0	1,0	320	1,05	40
1435-00-24	38,0	51,0	1,0	380	1,21	40
1435-00-26	42,0	56,0	1,0	340	1,55	40
1435-00-32	50,0	64,0	1,0	500	1,67	40
1435-00-40	63,5	79,0	1,0	650	2,17	40
1435-00-48	75,0	91,0	1,0	750	2,71	40
1435-00-64	100,0	116,0	1,0	820	2,92	40

1439 TANKOIL HW, TRUCK HOSE WITH SPIRAL 10 BAR, ANTISTATIC WIRE



Construction

Inner tube: NBR
 Cover: NBR/SBR
 Reinforcement: Synthetic textile with spiral
 Safety factor: 1:4
 Temperature: -35°C – +80°C
 Design: Wrapped, black



Applications/Characteristics

The hose is designed to be used for suction and pressure lines with petroleum products with no more than 50% aromatic contents, e.g. gas trucks, tank wagons and refineries. The strong design makes it usable in demanding environments and low temperatures. Electric resistance: <math><10^6</math> Ohm.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1439-00-20	32,0	44,0	1,0	190	1,13	80	40
1439-00-24	38,0	50,0	1,0	230	1,31	80	40
1439-00-32	50,0	65,0	1,0	300	2,07	80	40
1439-00-40	63,0	79,0	1,0	380	2,71	80	40
1439-00-48	75,0	91,0	1,0	450	3,26	80	40
1439-00-64	100,0	116,0	1,0	600	4,76	80	40

1469-20 GAS TRUCK HOSE EN12115, 16 BAR, ANTISTATIC WIRE



Construction

Inner tube:	NBR
Cover:	CR
Reinforcement:	Textile and steel spiral
Safety factor:	1:4
Temperature:	-30°C – + 80°C
Design:	Wrapped, black



Applications/Characteristics

Gas truck hose fulfilling the requirements according to EN12115. The hose is designed to be used with petroleum products with no more than 55% aromatic contents. Designed with textile reinforcement with a twin spiral and two antistatic wires. Electric resistance: <math>< 10^6 \text{ Ohm}</math>. Vacuum = 90%. Oil, weather and abrasion resistant cover.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1469-20-16	25,0	37,0	1,6	150,0	0,80	90	40
1469-20-20	32,0	44,0	1,6	200,0	0,98	90	40
1469-20-24	38,0	51,0	1,6	230,0	1,14	90	40
1469-20-32	51,0	65,0	1,6	300,0	1,69	90	40

1550 ASPHALT, TAR AND MINERAL SUCTION HOSE 15 BAR



Construction

Inner tube:	Oil resistant rubber (NBR)
Cover:	Abrasion, ozone and oil resistant rubber (NBR), pin-pricked
Reinforcement:	Braided textile reinforcement with steel spiral
Safety factor:	1:4
Temperature:	-40°C – +200°C
Design:	Wrapped, black



Applications/Characteristics

A venerable asphalt hose for hot asphalt and tar. It is also suitable for transportation of mineral oil products (max +80°C).

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1550-00-32	50,0	64,0	1,5	200	1,95	90	40
1550-00-48	75,0	90,0	1,5	300	2,95	90	40

1436 COOLOIL, OIL COOLING HOSE



Construction

Inner tube: Nitrile (NBR)
 Cover: Chloroten (CM)
 Reinforcement: Synthetic textile
 Safety factor: 1:3
 Temperature: -40°C - +140°C
 Design: Smooth, black



Applications/Characteristics

Oil cooling hose for engines and installations. Suitable for oil and glycol mixtures. For fittings, see chapter 5:0.

Prodct group: 140

Part number	NW	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1436-00-02	2	4,0	10,0	7,5	30	0,15	20
1436-00-04	4	6,0	12,0	6,5	40	0,20	20
1436-00-06	6	8,0	14,0	5,5	50	0,23	20
1436-00-08	8	9,5	15,5	5,0	60	0,25	20
1436-00-10	10	12,0	19,0	6,0	70	0,33	20
1436-00-13	13	15,0	23,0	4,0	90	0,50	20
1436-00-16	16	18,0	26,0	3,5	110	0,65	20
1436-00-20	20	22,0	31,0	3,3	120	0,71	20
1436-00-25	25	25,0	34,0	3,3	140	0,85	20

1436-50 MATHILDA P.T.F.E. ISO 7840A1



Construction

Inner tube: Smooth P.T.F.E. (Teflon ®)
 Cover: CSM
 Reinforcement: One braid of stainless steel wire
 Safety factor: 1:4
 Temperature: -60°C - + 250°C (-40°C - + 150°C)*
 Design: Wrapped, black



Applications/Characteristics

A hose for demanding environments where high temperature, high pressure, chemical resistance and elastic characteristics are required. Excellent for e.g. paint, fuels, hydraulic oils and food. Age resistant. The inner tube is not an active conductor. Stainless reinforcement according to AISI 304. Fulfils the requirements of ISO 7840A1.

*

Ferule: 4200-15-xx

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1436-50-04	6,4	12,2	15,0	38	0,17
1436-50-06	9,5	15,5	10,0	64	0,23

1437 RAGOIL, FUEL HOSE

**Construction**

Inner tube:	Oil resistant rubber
Cover:	Oil resistant rubber, one outer braid of steel
Safety factor:	1:2,5
Temperature:	-40°C – +80°C
Design:	Metal reinforcement

**Applications/Characteristics**

The hose is designed for oil and diesel pipes, and also to be used as a lubrication oil hose. It does not sustain unleaded gasoline. For fuel fittings, see chapter 5:0.

Product group: 140

Part number	NW	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1437-00-02	2	3,5	8,5	3,2	25	0,13	20
1437-00-03	3	4,5	9,5	3,0	25	0,15	20
1437-00-04	4	5,5	10,5	3,0	25	0,19	20
1437-00-06	6	7,5	12,5	2,4	30	0,22	20
1437-00-08	8	9,5	15,0	2,0	40	0,25	20
1437-00-10	10	11,0	17,5	2,0	45	0,29	20
1437-00-13	13	14,0	21,5	1,8	50	0,37	20
1437-00-16	16	17,5	26,0	1,4	70	0,48	20
1437-00-20	20	20,5	32,0	1,4	90	0,55	20

1438 R-FOUR, RETURN AND SUCTION HOSE SAE 100 R4

**Construction**

Inner tube:	Oil resistant synthetic rubber (NBR)
Cover:	Weather and oil resistant rubber (SBR)
Reinforcement:	Two weave inlays and one spiral
Safety factor:	1:4
Temperature:	-40°C – +100°C
Design:	Wrapped, black

**Applications/Characteristics**

Suction and refill hose for hydraulic systems. Also suitable for low pressure hydraulics. The hose fulfils requirements according to SAE 100 R4.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1438-00-10	15,0	25,0	2,1	80	0,50	90	40
1438-00-12	19,0	30,0	2,1	120	0,63	90	40
1438-00-14	22,0	32,0	1,7	130	0,70	90	40
1438-00-16	25,0	36,0	1,7	145	0,79	90	40
1438-00-20	32,0	43,0	1,4	195	0,97	90	40
1438-00-24	38,0	50,0	1,0	250	1,27	90	40
1438-00-26	42,0	54,0	0,8	275	1,40	90	40
1438-00-32	50,0	62,0	0,7	300	1,60	90	40
1438-00-39	60,0	74,0	0,4	350	2,35	90	40
1438-00-40	63,0	76,0	0,4	355	2,41	90	40
1438-00-48	76,0	90,0	0,4	455	3,15	90	40
1438-00-64	102,0	116,0	0,2	610	4,40	90	40

1438-60 RETURN AND SUCTION HOSE

**Construction**

Inner tube:	Oil resistant rubber
Cover:	Abrasion, oil and weather resistant corrugated CR rubber
Safety factor:	1:3
Temperature:	-30°C – +120°C
Design:	Corrugated, black with orange stripe

**Applications/Characteristics**

Suction and pressure hose for oil and gasoline with no more than 55% aromatic contents. The hose is corrugated which is a very good solution where there is a need for a flexible hose.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1438-60-08	13,0	22,0	0,5	60	0,32	50	40
1438-60-10	16,0	24,0	0,5	65	0,39	50	40
1438-60-12	19,0	27,0	0,5	70	0,42	50	40
1438-60-14	22,0	31,0	0,5	75	0,49	50	40
1438-60-16	25,0	34,0	0,5	90	0,55	50	40
1438-60-18	28,0	32,0	0,5	100	0,59	50	40
1438-60-20	32,0	41,0	0,5	110	0,65	50	40
1438-60-22	35,0	43,0	0,5	125	0,70	50	40
1438-60-24	38,0	46,0	0,5	135	0,74	50	40
1438-60-26	42,0	50,0	0,5	140	0,80	50	40
1438-60-30	45,0	53,0	0,5	145	0,86	50	40
1438-60-32	51,0	60,0	0,5	170	1,00	50	40
1438-60-36	58,0	66,0	0,5	200	1,38	50	40
1438-60-40	63,5	72,0	0,5	260	1,52	50	40
1438-60-44	70,0	79,0	0,5	300	1,75	50	40
1438-60-48	76,0	85,0	0,5	370	1,99	50	40
1438-60-64	102,0	114,0	0,5	520	2,72	50	40
1438-60-80	127,0	144,0	0,5	680	4,08	50	40

1580 COMP LD

**Construction**

The Comp LD hose consists of a number of layers of polypropylene and polyethylene films. Together with a weather and abrasion resistant cover, they are jointed with an external and an internal coil of spring. This construction gives the hose an extraordinary stability and at the same time full flexibility. When the lowest possible weight is needed, the hoses can be fitted with an internal and external spiral made of aluminium.



Colour: Blue

Spirals: The standard version is equipped with galvanised steel spirals (Z) internally and externally. Also available with aluminium (A) or polypropylene covered steel spirals upon request.

Temperature: -30 C – +80 C

Applications/Characteristics

The COMP LD hose is made for transportation of several different medias under pressure as well as suction. This hose is being used in connection with loading and unloading gas trucks and tank waggons on railways, as well as for transportation between different tanks at industries. COMP LD is 100% aromatically resistant. Electric continuity is achieved when the two spirals are put towards the hose's fittings. In this way, static electricity is avoided. The electric resistance in an assembled hose is less than 10 Ohm, according to EN 13765:2003.

Product group: 140

Part number	ID mm	ID inch	WP MPa	BP MPa	BR mm	Weight ZZ kg/m	Weight AZ kg/m	Weight AA kg/m	Length max
1580-00-24	40	1 1/2"	1,0	4,0	85	1,1	0,9	0,6	35m
1580-00-32	50	2"	1,0	4,0	125	1,7	1,3	0,9	35m
1580-00-40	63	2 1/2"	1,0	4,0	150	2,4	1,8	1,2	35m
1580-00-48	76	3"	1,0	4,0	175	2,8	2,1	1,5	35m
1580-00-51	80	3"	1,0	4,0	180	2,9	2,2	1,6	35m
1580-00-64	100	4"	1,0	4,0	250	3,7	2,9	2,0	35m

1581 COMP OIL 800

**Construction**

COMP OIL 800 is made of polypropylene with a weather proof and abrasion resistant Polyester/Polyvinyl chloride cover. COMP OIL 800 has, in order to attain a better flexibility and a longer life-span, a layer of polyethylene, which also makes it gas-tight.



Colour: Dark blue

Spirals: The standard version has galvanised steel spirals internally and externally (ZZ).Stainless steel spirals are available upon request.

Temperature: -40°C – +100°C

Applications/Characteristics

The COMP OIL 800 hose is made for transportation of a number of different petroleum products under pressure as well as suction. This hose is used in connection with loading and unloading gas trucks and tank wagons on railways as well as for transportation between different tanks at industries. Especially made for distributing oils, gasoline, diesel, lubrication oils and paraffine. The COMP OIL 800 hose is 100% aromatically resistant. Electric continuity is attained when the two spirals are put towards the hose's fittings. In this way, static electricity is avoided. The electrical resistance in an assembled hose is less than 10 Ohm, according to EN 13765:2003. On request, a special flame resistant version can also be delivered.

Product group: 140

Part number	ID mm	ID inch	Work pr. MPa	Burst pr. MPa	Bend rad. mm	Weight kg/m	Length max
1581-00-12	20,0	3/4"	1,5	7,5	50	0,7	35 m
1581-00-16	25,0	1"	1,5	7,5	75	0,8	35 m
1581-00-20	32,0	1 1/4"	1,5	7,5	80	1,0	35 m
1581-00-24	40,0	1 1/2"	1,5	7,5	85	1,4	35 m
1581-00-32	50,0	2"	1,5	7,5	125	2,0	35 m
1581-00-40	65,0	2 1/2"	1,5	7,5	150	2,8	35 m
1581-00-48	75,0	3"	1,5	7,5	175	3,5	35 m
1581-00-64	100,0	4"	1,5	7,5	250	4,8	35 m

1582 COMP CHEM 700

**Construction**

COMP CHEM 700 is made of polypropylene and polyester with a special weather and abrasion resistant outer cover of polyester/PVC. All layers are jointed between inner and outer spirals. This construction makes the hose meet the demands that the chemical industry have, as well as gas truck applications.



Colour: Green

Spirals: The standard has an internal polypropylene steel spiral and a galvanised outer spiral.

Temperature: -40°C – +100°C

Applications/Characteristics

This hose is suitable as a chemical hose with a wide resistance range. Can be used both as suction and pressure hose. Applications for the hose is loading and unloading of gas trucks and railroad cars, and also within industries in different processes. COMP CHEM 700 is 100% aromatically resistant. Electric continuity is attained when the two spirals are put towards the hose's fittings. In this way, static electricity is avoided. The electrical resistance in an assembled hose is less than 10 Ohm, according to EN 13765:2003. On request, a special flame resistant version can also be delivered.

Product group: 140

Part number	ID mm	ID inch	Work pr. MPa	Burst pr. MPa	Bend rad. mm	Weight kg/m	Length max
1582-20-12	20,0	3/4"	1,5	7,5	50	0,6	35 m
1582-20-16	25,0	1"	1,5	7,5	75	0,7	35 m
1582-20-20	32,0	1 1/4"	1,5	7,5	80	0,9	35 m
1582-20-24	40,0	1 1/2"	1,5	7,5	85	1,2	35 m
1582-20-32	50,0	2"	1,5	7,5	125	2,0	35 m
1582-20-40	65,0	2 1/2"	1,5	7,5	150	2,8	35 m
1582-20-48	75,0	3"	1,5	7,5	175	3,5	35 m
1582-20-64	100,0	4"	1,5	7,5	250	4,5	35 m

1583 COMP TEMP 305

**Construction**

COMP HITEMP 305 is built around a number of layers of P.T.F.E, strengthened with films especially made for high temperature applications. With an inner spiral with AISI 316 L stainless steel and with a weather and abrasion proof outer cover of silicone, COMP HITEMP 305 has superior temperature and abrasion characteristics.



Colour: Black

Spirals: AISI 316 L stainless inner spiral. Outer spiral of galvanised steel.

Temperature: -40°C – +200°C

Applications/Characteristics

A hose that is made especially for transportation of hot oil and bitumen under suction or pressure. COMP HITEMP 305 is suitable when loading and unloading gas trucks, but also for fixed industrial applications. The P.T.F.E. inner tube makes the hose sleek internally with low friction as a result. All hoses are 100 % aromatically resistant, anti-static and can be used both for suction and pressure applications. The electrical resistance in an assembled hose is less than 10 Ohm, according to EN 13765:2003.

Product group: 140

Part number	ID mm	ID inch	Work pr. MPa	Burst pr. MPa	Bed rad. mm	Weight kg/m	Length max
1583-10-12	20,0	3/4"	1,5	7,5	150	1,1	35 m
1583-10-16	25,0	1"	1,5	7,5	200	1,2	35 m
1583-10-20	32,0	1 1/4"	1,5	7,5	200	1,6	35 m
1583-10-24	40,0	1 1/2"	1,5	7,5	200	2,0	35 m
1583-10-32	50,0	2"	1,5	7,5	225	2,9	35 m
1583-10-40	65,0	2 1/2"	1,5	7,5	225	3,8	35 m
1583-10-48	75,0	3"	1,5	7,5	300	4,7	35 m
1583-10-64	100,0	4"	1,5	7,5	400	6,9	35 m

1584 COMP P.T.F.E. 300

**Construction**

COMP P.T.F.E. 300 is built around a number of layers of P.T.F.E with inner and outer spirals of stainless steel. The outer tube is made of a weather and abrasion resistant polyester/polyvinyl chloride. The hose has a good weather and ozone survivability. COMP P.T.F.E. 300 is an excellent hose that can be used as an allround hose with a smaller number of hoses and a longer life span.



Colour: Red

Spirals: Stainless inner and outer spirals.

Temperature: -40°C – +120°C

Applications/Characteristics

Especially made for use as a universal hose for transportation of a wide spectra of aggressive medias. The hose is suitable when loading and unloading gas trucks and railroad cars as well as within the industry in different processes. Electric continuity is attained when the two spirals are put towards the hose's fittings. In this way, static electricity is avoided. The electric resistance in an assembled hose is smaller than 10 Ohm, according to EN 137. On request, a special flame resistant version can also be delivered.

Product group: 140

Part number	ID mm	ID inch	Work pr. MPa	Burst pr. MPa	Bend rad. mm	Weight kg/m	Length max
1584-11-12	20,0	3/4"	1,5	7,5	50	0,8	35 m
1584-11-16	25,0	1"	1,5	7,5	75	0,9	35 m
1584-11-20	32,0	1 1/4"	1,5	7,5	80	1,0	35 m
1584-11-24	40,0	1 1/2"	1,5	7,5	85	1,4	35 m
1584-11-32	50,0	2"	1,5	7,5	125	2,0	35 m
1584-11-40	65,0	2 1/2"	1,5	7,5	150	3,2	35 m
1584-11-48	75,0	3"	1,5	7,5	175	3,6	35 m
1584-11-64	100,0	4"	1,5	7,5	250	5,0	35 m

1585 COMP CHEM LD GAS RETURN

**Construction**

The COMP LD hose consists of a number of layers polypropylene and polyethylene films. Together with a weather and abrasion resistant outer cover, they are jointed with an external and an internal coil of spring. This construction gives the hose an exceptional stability and at the same time maximum flexibility. When the lowest possible weight is needed, the hoses can be equipped with spirals of aluminium.



Colour: Orange

Spirals: The standard version has galvanised steel spirals (Z) internally and externally. Also available with spirals of aluminium (A) or polypropylene coated steel spirals, on request.

Temperature: -40°C – +80°C

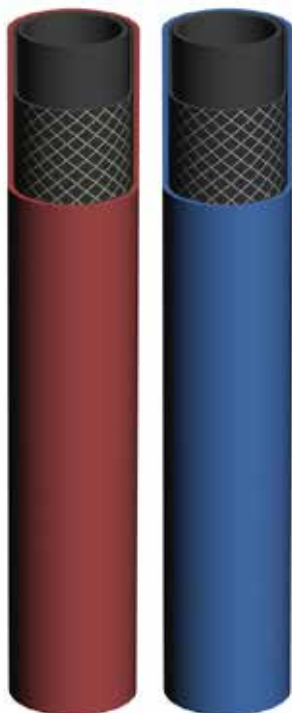
Applications/Characteristics

A special hose for gas recycling on gas trucks and related industries. The COMP LD hose is 100% aromatically resistant. Electric continuity is attained when the two spirals are put towards the hose's fittings. In this way, static electricity is avoided. The electric resistance in an assembled hose is less than 10 Ohm, according to EN 13765:2003.

Product group: 140

Part number	ID mm	ID inch	WP MPa	BP MPa	BR mm	Weight ZZ kg/m	Weight AZ kg/m	Weight AA kg/m	Length max
1585-00-48	75,0	3"	1,0	4,0	175	2,6	2,2	1,5	35 m
1585-00-64	100,0	4"	1,0	4,0	250	3,7	2,9	2,0	35 m

1440 WELDARC, WELDING HOSE EN 559 ISO 3821, 20 BAR



Construction

Inner tube:	Synthetic rubber (SBR)
Cover:	Synthetic rubber (SBR/EPDM)
Reinforcement:	Polyester
Safety factor:	1:3
Temperature:	-25°C – +100°C
Design:	Ribbed, red or blue



Applications/Characteristics

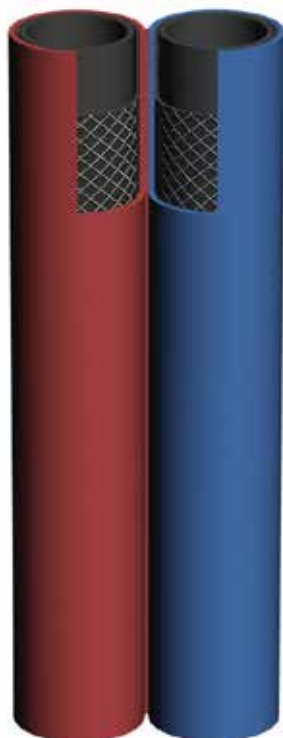
This welding hose is suitable for all types of aggregates, high ignition temperature and low diffusion. It is very good air pressure hose and flexible even in low temperatures.

According to the latest European Norm EN 559 ISO 3821.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Colour	Length m/coil
1440-01-03	5,0	12,0	2,0	40	0,13	Red	50
1440-02-03	5,0	12,0	2,0	40	0,13	Blue	50
1440-01-04	6,3	13,3	2,0	40	0,15	Red	50
1440-02-04	6,3	13,3	2,0	40	0,15	Blue	50
1440-01-05	8,0	15,0	2,0	40	0,17	Red	50
1440-02-05	8,0	15,0	2,0	40	0,17	Blue	50
1440-01-06	10,0	17,0	2,0	50	0,20	Red	50
1440-02-06	10,0	17,0	2,0	50	0,20	Blue	50

1441 TWINARC, TWIN WELDING HOSE EN 559 ISO 3821, 20 BAR



Construction

Inner tube:	Synthetic rubber (SBR)
Cover:	Synthetic rubber (SBR/EPDM)
Reinforcement:	Polyester
Safety factor:	1:3
Temperature:	-25°C – +100°C
Design:	Smooth, red and blue



Applications/Characteristics

Twin welding hose for engineering and construction industries. The hose is also flexible in low temperatures. According to the latest European Norm EN 559 ISO 3821.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1441-00-03	5,0	12,0	2,0	45	0,25	100
1441-00-04	6,3	13,3	2,0	60	0,29	100
1441-00-05	8,0	15,0	2,0	75	0,34	100
1441-00-06	9,0	16,0	2,0	90	0,38	100

1442 HEATSEAKER, LIQUIFIED PETROLEUM GAS HOSE, EN 559 ISO 3821, 20 BAR



Construction

Inner tube:	Synthetic rubber (NBR)
Cover:	Synthetic rubber
Reinforcement:	Synthetic textile
Safety factor:	1:3
Temperature:	-30°C – +80°C
Design:	Smooth, orange



Applications/Characteristics

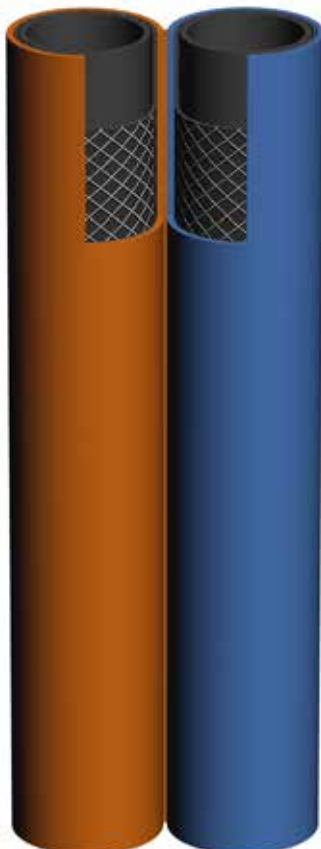
Flexible rubber hose for transportation of liquified petroleum gas (LPG). Suitable for LPG kitchens, burners, soldering, melting. The hose is cold resistant in order to function outdoors.

According to the latest European Norm EN 559 ISO 3821.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1442-00-05	8,0	14,0	2,0	65	0,15	50
1442-00-06	10,0	17,0	2,0	75	0,22	50

1443 TWIN HOSE, LIQUIFIED PETROLEUM GAS/OXYGEN HOSE, EN 559 ISO 3821, 20 BAR



Construction

Inner tube:	Synthetic rubber (NBR)
Cover:	Synthetic rubber (SBR/EPDM)
Reinforcement:	Synthetic textile
Safety factor:	1:3
Temperature:	-25°C – +100°C
Design:	Smooth, orange and blue



Applications/Characteristics

Twin hose for liquified petroleum gas (LPG) and oxygen. According to the latest European Norm EN 559 ISO 3821.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1443-00-04	6,3	13,3	2,0	60	0,29	100
1443-00-06	10,0	17,0	2,0	90	0,38	100

1445-10 COLDSEEKER, AC HOSE

**Construction**

Inner tube:	Nitrile (NBR)
Cover:	CSM-EPDM
Reinforcement:	Textile and a barrier of nylon
Safety factor:	1:3,4
Temperature:	-35°C – +120°C
Design:	Wrapped, black

**Applications/Characteristics**

An excellent hose for cold media. It is resistant towards e.g. freon R134A. A low weight and, due to the nylon barrier, it is a flexible hose with excellent permeability characteristics. The inner tube of nitrile makes it extra tight between fitting and hose and it will temporarily sustain temperatures up to +140°C. It fulfils the requirements of SAE J51B, A2.

For fittings AC, see chapter 5:0.

Product group: 140

Part number	ID mm	ID inch	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1445-10-05	8,0	5/16"	18,5	3,5	70	0,27
1445-10-06	10,0	13/32"	22,4	3,5	80	0,29
1445-10-08	13,0	1/2"	24,6	3,5	90	0,44
1445-10-10	16,0	5/8"	28,1	3,5	105	0,69

1450 BUSHMASTER, CHEMICAL HOSE XLPE 10 BAR

**Construction**

Inner tube:	XLPE
Cover:	EPDM
Reinforcement:	Synthetic textile with a steel spiral
Safety factor:	1:4
Temperature:	-30°C – +90°C
Design:	Wrapped, green

**Applications/Characteristics**

Flexible hose for suction and pressure applications. The hose is suitable for transportation of chemicals within the petrochemical industry. It is resistant to 90% of all industrial chemicals.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1450-00-12	19,0	33,0	1,0	160	0,82	80	40
1450-00-16	25,0	38,0	1,0	150	0,92	80	40
1450-00-20	32,0	46,0	1,0	220	1,23	80	40
1450-00-24	38,0	52,0	1,0	270	1,41	80	40
1450-00-32	51,0	68,0	1,0	380	2,34	80	40
1450-00-40	63,5	80,0	1,0	430	2,81	80	40
1450-00-48	76,0	94,0	1,0	520	3,61	80	40
1450-00-64	102,0	121,0	1,0	700	5,04	80	40

1450-10 COBRA, CHEMICAL HOSE EPDM EN 12115



Construction

Inner tube:	EPDM
Cover:	EPDM
Reinforcement:	Synthetic textile with a steel spiral
Safety factor:	1:4
Temperature:	-40°C – +120°C
Design:	Wrapped, black



Applications/Characteristics

Suction and pressure hose for aggressive chemicals. used for loading and unloading of gas trucks, railroad cars, cargo liners and in stationary installations in chemical premises. The hose is flexible and resists external abrasion well. Electrical resistance <math>< 10^6 \text{ Ohm}</math>. According to EN 12115.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1450-10-16	25,0	37,0	1,6	90	0,81	40
1450-10-20	32,0	44,0	1,6	120	0,99	40
1450-10-32	51,0	64,0	1,6	155	1,30	40
1450-10-40	63,5	79,5	1,6	275	2,86	40
1450-10-48	75,0	91,0	1,6	330	3,41	40
1450-10-64	100,0	116,0	1,6	450	4,41	40

1450-30 VIPER, CHEMICAL HOSE UPE EN 12115



Construction

Inner tube:	UPE
Cover:	EPDM
Reinforcement:	Synthetic textile with a steel spiral
Temperature:	-30°C – +90°C
Design:	Wrapped, black



Applications/Characteristics

Suction and pressure hose for aggressive chemicals. Excellent for installations on gas trucks, tank wagons and stationary installations within the chemical industry. According to EN 12115. Electrical resistance <math>< 10^6 \text{ Ohm}</math>.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Burst pr. MPa	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1450-30-12	19,0	31,0	1,6	6,4	150	0,66	80	40
1450-30-16	25,0	37,0	1,6	6,4	200	0,81	80	40
1450-30-20	32,0	44,0	1,6	6,4	250	0,88	80	40
1450-30-24	38,0	51,0	1,6	6,4	300	1,23	80	40
1450-30-32	50,0	66,0	1,6	6,4	400	2,24	80	40
1450-30-40	63,5	79,5	1,6	6,4	450	2,93	80	40
1450-30-48	75,0	91,0	1,6	4,8	520	3,39	80	20
1450-30-64	100,0	116,0	1,6	4,8	665	4,65	80	20

1456 YELLOW PYTHON 30 BAR

**Construction**

Inner tube:	Heat resistant rubber (EPDM)
Cover:	Heat and ozone resistant rubber (EPDM)
Reinforcement:	Synthetic textile
Safety factor:	1:3
Temperature:	-40°C – + 110°C
Design:	Smooth, yellow. Wrapped from 32 mm

**Applications/Characteristics**

A very flexible hose with a wide temperature range. Well suited for air and hot and cold water. It is resistant towards lighter chemicals. It has good ozone resistance.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1456-00-04	6,0	14,0	3,0	40	0,19	40
1456-00-06	10,0	20,0	3,0	60	0,35	40
1456-00-08	13,0	23,0	3,0	80	0,41	40
1456-00-10	16,0	27,0	3,0	100	0,55	40
1456-00-12	19,0	30,0	3,0	110	0,63	40
1456-00-16	25,0	37,0	3,0	150	0,88	40
1456-00-20	32,0	44,0	3,0	320	0,95	40
1456-00-24	38,0	51,0	3,0	380	1,35	40
1456-00-32	50,0	66,0	3,0	500	1,82	40

1451-40 SPRAY PAINT HOSE 20 BAR

**Construction**

Inner tube:	PA
Cover:	PVC / PU
Reinforcement:	Synthetic textile
Safety factor:	1:3
Temperature:	-20°C – +60°C
Design:	Smooth, red

**Applications/Characteristics**

The hose is suitable as a paint spray hose, with low-weight and excellent flexibility. It is equipped with an antistatic wire and manufactured in a silicone-free process.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1451-40-04	6,4	12,8	2,9	40	0,12	50
1451-40-06	9,0	16,3	2,9	60	0,17	50

1552 LOW-WEIGHT SPIRAL SUCTION HOSE PVC



Construction

Inner tube: PVC
 Cover: PVC
 Reinforcement: White PVC spiral
 Safety factor: 1:3
 Temperature: -5°C – +60°C
 Design: Corrugated, transparent yellow



Applications/Characteristics

A low-weight PVC hose for suction and pressure applications. The hose is also suitable for powder transportation within agriculture, food industry and gardening. Smooth inner tube. Sustains alcohols beneath 28%. Available in antistatic version, see 1552-10.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1552-00-12	20,0	26,2	0,8	75	0,28	50
1552-00-16	25,0	31,6	0,8	120	0,33	50
1552-00-20	32,0	39,2	0,7	150	0,46	50
1552-00-24	38,0	45,4	0,6	170	0,55	50
1552-00-25	40,0	47,6	0,6	180	0,61	50
1552-00-32	50,0	58,2	0,5	220	0,81	50
1552-00-40	63,0	70,8	0,5	290	1,04	50
1552-00-48	75,0	85,0	0,4	350	1,38	50
1552-00-64	102,0	114,0	0,4	480	2,16	25

1552-10 LOW-WEIGHT SPIRAL SUCTION HOSE PVC, ANTISTATIC



Construction

Inner tube: PVC
 Cover: PVC
 Reinforcement: Vit PVC-spiral med antistatwire
 Safety factor: 1:3
 Temperature: -5°C – +60°C
 Design: Corrugated, transparent yellow



Applications/Characteristics

A low-weight PVC hose for pressure and suction applications. Due to its antistatic wire and smooth inner tube, this hose is mostly suitable for transportation of powder granulates.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1552-10-25	40,0	48,0	0,6	170	0,61	70	50
1552-10-32	50,0	58,0	0,6	220	0,81	70	50

1452 FOODCLEAN, FOOD FLUSH HOSE

**Construction**

Inner tube:	White, food approved synthetic rubber (NBR/IR/CR)
Cover:	Abrasion and weather resistant synthetic rubber (NBR/PVC)
Reinforcement:	Synthetic textile
Safety factor:	1:3
Temperature:	-20°C – +95°C
Design:	Smooth, blue

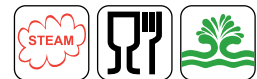
Applications/Characteristics

A hose suitable for hot water cleaning within the food industry. Smooth externally and with a cover that does not stain. The hose is resistant towards animal and vegetable greases. Food proof. Temporarily, the hose can be sterilized with a temperature of max +120°C.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1452-00-08	13,0	23,0	1,0	105	0,42	40
1452-00-10	16,0	26,0	1,0	130	0,49	40
1452-00-12	19,0	31,0	1,0	150	0,71	40
1452-00-16	25,0	39,0	1,0	200	1,05	40

1452-10 FOODSTEAM, FOOD FLUSH HOSE, STEAM

**Construction**

Inner tube:	White, food approved phthalate free rubber (EPDM)
Cover:	Abrasion and weather resistant rubber (EPDM)
Reinforcement:	Synthetic textile
Safety factor:	+95°C 1:3, +164°C 1:10
Temperature:	-40°C – +95°C water, +164°C steam
Design:	Wrapped, blue

Applications/Characteristics

Food approved flush hose for hot water and steam within the food industry. The cover is resistant towards animal and vegetable greases. Manufactured in a way that it will not stain. The hose has a good bending radius and endures tough demands. The hose is equivalent to standard/ approval to FDA and REACH.

Product group: 140

Part number	ID mm	OD mm	Work pr. 95°C MPa	Work pr. 164°C MPa	Weight kg/m	Length m/coil
1452-10-08	13,0	23,0	2,0	0,6	0,35	40
1452-10-10	16,0	26,0	2,0	0,6	0,41	40
1452-10-12	19,0	31,0	2,0	0,6	0,60	40
1452-10-16	25,0	39,5	2,0	0,6	0,93	40

1553 DAIRYMASTER, MILK HOSE 6 BAR



Construction

Inner tube:	White, food approved phthalate free rubber (NR)
Cover:	Abrasion and weather resistant rubber (NR)
Reinforcement:	Synthetic textile and a spiral
Safety factor:	1:3
Temperature:	-40°C – +80°C
Design:	Wrapped, blue



Applications/Characteristics

The hose is especially suited for handling milk during pick-up and transportation, but also for other beverages such as beer, water and alcohol up to 70% concentration. The hose is equivalent to standard/approval to FDA and REACH.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Vaccum pr. Max %	Bend rad. mm	Weight kg/m	Length m/coil
1553-00-20	32,0	48,0	1,0	90	95	0,99	40
1553-00-24	38,0	50,0	1,0	90	115	1,27	40
1553-00-32	51,0	63,0	1,0	90	150	1,64	40
1553-00-40	63,5	75,5	1,0	90	190	2,07	40
1553-00-48	76,0	90,0	1,0	90	230	2,76	40
1553-00-64	102,0	117,0	1,0	90	300	4,07	40

1553-10 MULTIFOOD, FOOD HOSE 10 BAR



Construction

Inner tube:	White, food approved phthalate free rubber (NR)
Cover:	Oil and weather resistant rubber (CR)
Reinforcement:	Synthetic textile and a spiral
Safety factor:	1:3
Temperature:	-25°C – +80°C
Design:	Wrapped, blue



Applications/Characteristics

Suction and pressure hose for liquified food, especially suited for greases and oils, but also for beverages such as juices, milk and alcohol with up to 70% concentration. The hose is also usable for depletion of powder products from gas trucks and tank waggons. Equivalent to standard/approval to FDA and REACH.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Vaccum pr. Max %	Bend rad. mm	Weight kg/m	Length m/coil
1553-10-20	32,0	44,0	1,0	90	140	1,12	40
1553-10-24	38,0	51,0	1,0	90	170	1,40	40
1553-10-32	51,0	64,0	1,0	90	235	1,80	40
1553-10-40	63,5	78,5	1,0	90	300	2,70	40
1553-10-48	76,0	91,0	1,0	90	370	3,17	40
1553-10-64	102,0	118,0	1,0	90	510	4,42	40

1553-50 MATERIAL HOSE PVC

**Construction**

Inner tube: White, super elastic PVC
 Cover: Black, super elastic PVC
 Reinforcement: Steel spiral and polyester
 Safety factor: 1:3
 Temperature: -25°C – + 60°C
 Design: Wrapped, black

**Applications/Characteristics**

A universal suction and pressure application hose for food, drinking water and alcohol up to 28% concentration. The hose is well suited for water facilities, when loading and unloading tanks and containers; and for dry materials.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1553-50-48	76,0	92,0	1,2	210	2,90	90	30
1553-50-64	102,0	119,0	1,0	300	4,00	90	20

The hose can also be delivered in dimensions 3/4" – 6"

1454 ONTARIO, STEAM HOSE 17 BAR



Construction

Inner tube: Heat resistant rubber (EPDM)
 Cover: Heat and abrasion resistant rubber (EPDM)
 Reinforcement: Two spirals of corrosion proofed steel
 Safety factor: 1:10
 Temperature: -40°C – +210°C
 Design: Wrapped, black



Applications/Characteristics

Steam hose for high pressures and temperatures. The hose is suitable for heating and cleaning within the road, petrochemical, paper and pulp industries. The hose can temporarily sustain temperatures up to 232°C.

Steam fitting: 5061-10-xx, 5062-10-xx

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Weight kg/m	Length m/coil
1454-00-06	10,0	21,0	1,7	0,36	60
1454-00-08	13,0	25,0	1,7	0,49	60
1454-00-12	19,0	32,0	1,7	0,72	60
1454-00-16	25,0	38,0	1,7	0,96	60
1454-00-20	32,0	46,0	1,7	1,28	60
1454-00-24	38,0	54,0	1,7	1,59	60
1454-00-32	51,0	67,0	1,7	2,25	60

1454-30 NIAGARA, STEAM HOSE DIN 2825, 18 BAR



Construction

Inner tube: Heat resistant rubber (EPDM)
 Cover: Heat and abrasion resistant rubber (EPDM)
 Reinforcement: Two spirals of corrosion proofed steel
 Safety factor: 1:10
 Temperature: -40°C – +210°C
 Design: Wrapped, black



Applications/Characteristics

Steam hose suitable for high pressures and temperatures to be used for heating and cleaning. According to DIN 2825 ISO 6434.

Steam fitting: 5061-10-xx, 5062-10-xx

Product group: 140

Artikel-nummer	ID mm	YD mm	Arb.tr. MPa	Vikt kg/m	Längd m/rulle
1454-30-08	13,0	25,0	1,8	0,49	60
1454-30-12	19,0	33,0	1,8	0,76	60
1454-30-16	25,0	40,0	1,8	1,04	60
1454-30-24	38,0	54,0	1,8	1,57	60
1454-30-32	50,0	68,0	1,8	2,53	60

1458 CASPIAN, BOAT SANITARY HOSE

**Construction**

Inner tube:	Diffusion proofed rubber (EPDM)
Cover:	EPDM
Reinforcement:	Synthetic textile with a steel spiral
Safety factor:	1:3
Temperature:	-30°C – +100°C
Design:	Wrapped, white

**Applications/Characteristics**

A hose for lavatories on boats. Will not release odour from the toilet system. Resistant to high vacuum.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1458-00-12	19,0	29,0	1,0	121	0,80	80	40
1458-00-16	25,0	35,0	0,7	160	0,94	80	40
1458-00-24	38,0	48,0	0,7	240	1,38	80	40

1458-10 WATER HOSE 10 BAR

**Construction**

Inner tube:	Blue PVC
Cover:	PVC
Reinforcement:	Knitted textile
Safety factor:	1:2,2
Temperature:	-15°C – +60°C
Design:	Smooth, white

**Applications/Characteristics**

An excellent food approved hose well suitable for boats and trailers. The cover has good UV-resistance and the inner tube is cadmium free. The design prevents algal bloom in the hose. The hose has a very good bend radius.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1458-10-08	12,5	17,8	1,0	125	0,15	15
1458-10-10	15,0	20,8	1,0	150	0,20	15

1404-30 SHARKHOSE, FISH PUMP HOSE



Construction

Inner tube:	PVC
Cover:	PVC
Reinforcement:	PCV spiral
Safety factor:	1:3
Temperature:	-25°C – +55°C
Design:	Corrugated, transparent



Applications/Characteristics

A durable and flexible hose with smooth inner tube suitable for pumping up fish. Transparent with a grey PVC spiral. The hose is only delivered in fixed lengths.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1404-32-03	203,0	233,0	0,20	600	9,2	95	10
1404-32-54	254,0	290,0	0,15	1000	14,5	95	10
1404-33-05	305,0	347,0	0,15	1500	19,0	95	10

1460 VENTILATION HOSE PVC



Construction

Inner tube:	PVC
Cover:	PVC
Reinforcement:	Spiral
Temperature:	-10°C – +60°C
Design:	Corrugated, blue



Applications/Characteristics

A hose for extraction of dust, welding smoke and chimney gas. The hose is suitable as ventilation hose. It can also be used as cable collector and hose protection.

Product group: 140

Part number	ID mm	Thickness mm	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1460-00-24	38,0	0,5	50	0,19	3	30
1460-00-32	51,0	0,5	90	0,29	3	30
1460-00-40	63,0	0,5	100	0,46	3	30
1460-00-48	76,0	0,5	110	0,55	3	30

1460-40 DRY-UP HOSE FOR CONSTRUCTION SITES



Construction

Tube: Transparent PE
Temperature: Max +80°C



Applications/Characteristics

A low-weight and flexible hot air hose for drying-up applications at construction sites. Easy to roll out to desired length, takes little space when it is rolled-up.

Product group: 140

Part number	ID mm	Thickness mm	Length m/coil
1460-40-96	150	0,1	100

1460-45 DRY-UP HOSE FOR CONSTRUCTION SITES



Construction

Tub: BluePVC
Temperature: Max +80°C



Applications/Characteristics

A low-weight and flexible hot air hose with hook-up holes for drying-up applications at construction sites. Easy to roll out to desired length, takes little space when it is rolled-up.

Product group: 140

Part number	ID mm	Thickness mm	Length m/coil
1460-45-96	150	0,3	100

1460-7X HEAT HOSE PLSX

**Construction**

Inner tube:	Polyamide
Cover:	Neoprene
Reinforcement:	Steel spiral
Temperature:	-40°C – +135°C
Design:	Compressible, yellow

**Applications/Characteristics**

Robust and light ventilation hose for transport of hot and cold air for construction and ventilation industries. The hose is delivered in lengths of 7,5 meters and in an attached bag, spiral-free ends and integrated straps. The hose is compressible and will fit into the bag. The hose has also externally attached wear protection straps.

Product group: 140

Part number	ID mm	ID inch	Work pr. MPa	Weight kg/m	Length m
1460-72-03	203	8	0,55	3,0	7,5
1460-73-05	305	12	0,34	3,5	7,5
1460-74-07	407	16	0,25	4,5	7,5
1460-75-08	508	20	0,20	6,6	7,5

1560-10 DEFROST HOSE APK

**Construction**

Cover:	Aluminium foil
Inner cover:	Glue-covered paper
External cover:	PP foil
Temperature:	-20°C – +100°C
Design:	Smooth, black

**Applications/Characteristics**

A hose suitable for transportation of hot and fresh air in boats and vehicles. It is heat and vibration resistant. Available in dimensions from 24 mm up to 200 mm.

Product group: 140

Part number	ID mm	OD mm	Weight kg/m	Length m/coil
1560-10-32	50,0	55,0	0,13	20
1560-10-38	55,0	60,0	0,14	20
1560-10-39	60,0	65,0	0,16	20
1560-10-48	75,0	80,0	0,19	20
1560-10-51	80,0	85,0	0,21	20

1434-10 EXLIGHT, LOW WEIGHT EXHAUST GAS HOSE



Construction

Inner tube: Heat resistant rubber
 Reinforcement: Embedded abrasion resistant spiral of polyamide
 Temperature: -40°C – +170°C
 Design: Outer spiral, black



Applications/Characteristics

This hose is suitable for suction of exhausts from motor vehicles. Beneficial to use on hose reels in garages. It can resist deformation, i.e. it is possible to run it over. The hose is also suitable as a exhaust hose for welding gases. Low weight and extremely flexible. Upon request, it can be delivered with end sleeves and/or flame resistant design.

Product group: 140

Part number	ID mm	OD mm	Bend rad. mm	Weight kg/m	Length m/coil
1434-10-24	38,0	42,0	60	0,57	20
1434-10-32	50,0	53,0	65	0,61	20
1434-10-48	75,0	77,0	95	0,70	20
1434-10-64	102,0	104,0	110	0,94	20
1434-10-80	127,0	131,0	130	1,30	20
1434-10-96	150,0	153,0	140	1,45	20

1460-20 VENTILATION AND KITCHEN FAN HOSE



Construction

Inner tube: PVC-covered wovnen fiberglass
 Cover: PVC-covered wovnen fiberglass
 Reinforcement: PVC-jacketed steel spiral
 Temperature: -5°C – +90°C
 Design: Corrugated, grey



Applications/Characteristics

This hose is approved to be used as a kitchen fan hose between the ventilation duct and device. Low-weight and axially compressable. The hose has good resistance towards chemicals and decay. Type approved according to TG certificate number 3432/82.

Product group: 140

Part number	ID mm	Work pr. MPa	Weight kg/m	Length m
1460-20-48	76,0	0,06	0,36	6
1460-20-64	102,0	0,06	0,46	6
1460-20-80	127,0	0,06	0,56	6
1460-20-96	152,0	0,06	0,62	6
1460-22-03	203,0	0,06	1,15	6

1561 EXHAUST HOSE FOR HOT AIR, NEOPRENE, SINGLE COATED



Construction

Inner tube: Neoprene, single coated (CR)
 Reinforcement: Woven fiberglass, steel spiral
 Temperature: -50°C – +150°C
 Design: Slightly corrugated, black



Applications/Characteristics

A hose suitable for transportation of hot steams, smoke and exhaust gases. Low-weight and very flexible, good in tight areas. The hose is non-inflammable and has good chemical resistance. Other dimensions are available on request.

Product group: 140

Part number	ID mm	Work pr. MPa 23°C	Bend rad. mm	Weight kg/m	Vaccum pr. MPa 23°C	Length m/coil
1561-00-16	25,0	0,18	13	0,12	0,05	4
1561-00-20	32,0	0,17	16	0,16	0,05	4
1561-00-29	44,0	0,15	19	0,21	0,04	4
1561-00-32	51,0	0,14	19	0,25	0,04	4
1561-00-40	63,0	0,13	25	0,31	0,04	4
1561-00-48	76,0	0,12	25	0,42	0,03	4
1561-00-55	89,0	0,10	32	0,50	0,03	4
1561-00-64	102,0	0,09	32	0,56	0,02	4
1561-00-80	127,0	0,08	38	0,80	0,02	4
1561-00-96	152,0	0,06	44	1,04	0,01	4
1561-01-80	180,0	0,05	51	1,21	0,01	4
1561-02-03	203,0	0,04	57	1,39	0,01	4
1561-02-54	254,0	0,03	70	2,00	0,005	4
1561-03-05	305,0	0,02	83	2,41	0,003	4

1561-10 EXHAUST HOSE FOR HOT AIR, NEOPRENE, DOUBLE COATED



Construction

Inner tube: Neoprene (CR)
 Cover: Neoprene (CR)
 Reinforcement: Woven fiberglass, steel spiral
 Temperature: -50°C – +150°C
 Design: Slightly corrugated, black



Applications/Characteristics

A hose suitable for transportation of hot steams, smoke and exhaust gases. Low-weight and extremely flexible, good in tight areas. The hose is non-inflammable and has good chemical resistance. Other dimensions are available on request.

Product group: 140

Part number	ID mm	Work pr. MPa 23°C	Bend rad. mm	Weight kg/m	Vaccum pr. MPa 23°C	Length m/coil
1561-10-16	25,0	0,23	16	0,15	0,07	4
1561-10-20	32,0	0,21	20	0,17	0,06	4
1561-10-29	44,0	0,19	25	0,26	0,05	4
1561-10-32	51,0	0,18	25	0,29	0,05	4
1561-10-40	63,0	0,16	32	0,36	0,05	4
1561-10-48	76,0	0,14	32	0,46	0,04	4
1561-10-55	89,0	0,12	38	0,53	0,04	4
1561-10-64	102,0	0,11	38	0,60	0,03	4
1561-10-80	127,0	0,08	44	0,86	0,03	4
1561-10-96	152,0	0,07	51	1,10	0,02	4
1561-12-03	203,0	0,04	70	1,43	0,01	4

1562 EXHAUST HOSE FOR HOT AIR, SILICONE, SINGLE COATED

**Construction**

Inner tube: Silicone, single coated
 Reinforcement: Woven fiberglass, steel spiral
 Temperature: -50°C – +300°C
 Design: Slightly corrugated, red-brown

**Applications/Characteristics**

A hose suitable for transportation of hot steams, smoke and exhaust gases. Low-weight and extremely flexible, good in tight areas. The hose is non-inflammable and has good chemical resistance. Other dimensions are available on request.

Product group: 140

Part number	ID mm	Work pr. MPa 23°C	Bend rad. mm	Weight kg/m	Vaccum pr. MPa 23°C	Length m/coil
1562-00-16	25,0	0,18	13	0,12	0,05	4
1562-00-20	32,0	0,17	16	0,16	0,05	4
1562-00-29	44,0	0,15	19	0,21	0,04	4
1562-00-32	51,0	0,14	19	0,25	0,04	4
1562-00-40	63,0	0,13	25	0,31	0,04	4
1562-00-48	76,0	0,12	25	0,42	0,03	4
1562-00-55	89,0	0,10	32	0,50	0,03	4
1562-00-64	102,0	0,09	32	0,56	0,02	4
1562-00-80	127,0	0,08	38	0,80	0,02	4
1562-00-96	152,0	0,06	44	1,04	0,01	4
1562-01-80	180,0	0,05	51	1,21	0,01	4
1562-02-03	203,0	0,04	57	1,39	0,01	4
1562-02-54	254,0	0,03	70	2,00	0,005	4
1562-03-05	305,0	0,02	83	2,41	0,003	4

1562-10 EXHAUST HOSE FOR HOT AIR, SILICONE, DOUBLE COATED

**Construction**

Inner tube: Silicone
 Cover: Silicone
 Reinforcement: Woven fiberglass, steel spiral
 Temperature: -50°C – +300°C
 Design: Slightly corrugated, red-brown

**Applications/Characteristics**

A hose suitable for transportation of hot steams, smoke and exhaust gases. Low-weight and extremely flexible, good in tight areas. The hose is non-inflammable and has good chemical resistance. Other dimensions are available on request.

Product group: 140

Part number	ID mm	Work pr. MPa 23°C	Bend rad. mm	Weight kg/m	Vaccum pr. MPa 23°C	Length m/coil
1562-10-32	51	0,18	25	0,29	0,05	4
1562-10-40	63	0,16	32	0,36	0,05	4
1562-10-48	76	0,14	32	0,46	0,04	4
1562-10-55	89	0,12	38	0,53	0,04	4
1562-10-64	102	0,11	38	0,60	0,03	4
1562-10-80	127	0,08	44	0,86	0,03	4
1562-10-96	152	0,07	51	1,10	0,02	4
1562-11-80	180	0,05	64	1,28	0,01	4
1562-12-03	203	0,04	70	1,43	0,01	4

1461-30 MATERIAL SUCTION HOSE, SELF-EXTINGUISHING



Construction

Inner tube: PVC
 Cover: PVC
 Reinforcement: PVC spiral
 Temperature: -10°C – +60°C
 Design: Corrugated, grey



Applications/Characteristics

A flexible, self-extinguishing PVC hose suitable for material suction and ventilation. Self-extinguishing according to UL 94 V2.

Product group: 140

Part number	ID mm	Bend rad. mm	Weight kg/m	Vacuum pr. Max %	Length m/coil
1461-30-12	20,0	20	0,15	50	50
1461-30-16	25,0	25	0,18	50	50
1461-30-20	32,0	32	0,24	50	50
1461-30-24	38,0	38	0,31	50	50
1461-30-25	40,0	40	0,33	40	50
1461-30-30	45,0	45	0,37	40	50
1461-30-32	50,0	50	0,44	40	50
1461-30-39	60,0	60	0,56	40	50
1461-30-40	63,0	63	0,60	40	50
1461-30-48	75,0	75	0,75	40	50
1461-30-64	100,0	100	1,01	40	30
1461-30-80	125,0	125	1,36	40	30
1461-30-96	150,0	150	1,76	40	30

1560 DUST SUCTION HOSE SD



Construction

Inner tube: PVC
 Cover: PVC
 Reinforcement: Semi-embedded plastic covered steel spiral
 Temperature: -0°C – +80°C
 Design: Corrugated, black, net reinforced with transparent cover



Applications/Characteristics

A very flexible and low-weight dust suction hose with good resistance to tearing, suitable for the industry. End and seam fittings are available in dimensions 32, 38 and 51 mm.

Product group: 140

Part number	ID mm	Bend rad. mm	Weight kg/m	Vacuum pr. Max %	Length m/coil
1560-00-20	32,0	15	0,23	92	15
1560-00-24	38,0	20	0,30	81	15
1560-00-32	51,0	20	0,44	60	15

1461-10 FOOD HOSE, TRANSPARENT

**Construction**

Inner tube: PVC
 Cover: PVC
 Reinforcement: Steel spiral
 Safety factor: 1:3
 Temperature: -5°C – +65°C
 Design: Smooth, transparent

**Applications/Characteristics**

A hose suitable for transportation of salt water, granulates, chemicals, grains etc. The hose will sustain high vacuum in all dimensions.

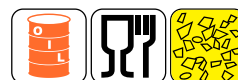
Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1461-10-06	10,0	16,0	0,7	20	0,16	85	60
1461-10-08	12,0	18,0	0,7	25	0,18	85	50
1461-10-10	16,0	22,4	0,6	35	0,25	85	50
1461-10-12	20,0	26,8	0,5	50	0,34	85	50
1461-10-14	22,0	29,0	0,5	55	0,36	85	60
1461-10-16	25,0	33,0	0,5	60	0,51	85	50
1461-10-19	30,0	38,4	0,45	70	0,60	85	60
1461-10-20	32,0	40,4	0,45	75	0,65	85	50
1461-10-24	38,0	47,0	0,4	90	0,80	85	30
1461-10-25	40,0	49,0	0,3	100	0,87	85	30
1461-10-30	45,0	55,0	0,3	110	1,10	80	30
1461-10-32	50,0	60,0	0,3	125	1,20	80	30
1461-10-39	60,0	72,0	0,2	130	1,80	80	30
1461-10-40	63,0	74,5	0,6	130	1,80	80	30
1461-10-48	75,0	88,6	0,2	200	2,50	70	30

1461-40 SUCTION AND PRESSURE HOSE PU/PVC, TRANSPARENT

**Construction**

Inner tube: Polyurethane (PU)
 Cover: PVC
 Reinforcement: Steel spiral
 Safety factor: See table below
 Temperature: -20°C – +90°C
 Design: Smooth, transparent

**Applications/Characteristics**

A powerful and very flexible PVC hose suitable for suction and pressure. It is resistant to hydraulic oils. The hose can also be used to transport dry food. Crystal clear and food approved.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Burst pr. MPa, 20°C	Burst pr. MPa, 70°C	Bend rad. mm	Weight kg/m	Vaccum pr. max. %	Length m/coil
1461-40-03	5,0	10,0	2,0	13,0	2,8	20	0,08	90	60
1461-40-04	6,3	11,3	2,0	12,5	2,6	26	0,10	90	60
1461-40-05	8,0	13,4	1,8	11,0	2,4	32	0,135	90	60
1461-40-06	10,0	16,0	1,8	10,5	2,3	40	0,17	90	60
1461-40-08	12,5	18,7	1,5	8,0	2,0	50	0,23	90	60
1461-40-10	16,0	23,0	1,4	7,5	1,8	63	0,29	90	60
1461-40-12	19,0	26,0	1,2	7,2	1,7	76	0,35	90	60

1462 INDUSTRIAL DUST SUCTION HOSE PE



Construction

Inner tube: Polyethylene (PE)
 Cover: Polyethylene (PE)
 Temperature: -30°C – +70°C
 Design: Corrugated, grey



Applications/Characteristics

A flexible hose suitable for suction of dusts and lighter particles in stationary and mobile weld taps, industrial vacuum cleaners and powder separators. The hose can be run over. It is also available in antistatic design, see 1462-10-xx.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1462-00-16	25,0	32,0	0,08	60	0,25	80	15
1462-00-20	32,0	40,0	0,08	72	0,27	80	15
1462-00-24	38,0	48,0	0,08	85	0,37	80	15
1462-00-32	51,0	62,0	0,07	115	0,48	70	15

1462-10 INDUSTRIAL DUST SUCTION HOSE PE, ANTISTATIC



Construction

Inner tube: Polyethylene (PE)
 Cover: Polyethylene (PE)
 Temperature: -30°C – +70°C
 Design: Corrugated, black



Applications/Characteristics

A flexible hose, with electrical conductor qualities, suitable when there is a risk of a dust explosion. Suitable for hand tools and industrial vacuum cleaners. Cold resistant. Electrical resistance: 10^3 – 10^6 Ohm/m. Other dimensions are available on request.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1462-10-16	25,0	33,0	0,08	66	0,18	80	15
1462-10-20	32,0	41,0	0,08	82	0,28	80	15
1462-10-24	38,0	49,0	0,08	85	0,36	80	15
1462-10-32	51,0	62,0	0,07	115	0,48	70	15

1463-10 VACUUM HOSE, POLYURETHANE

**Construction**

Inner tube: Polyurethane (PU)
 Cover: Polyurethane (PU)
 Reinforcement: PVC spiral
 Temperature: -25°C – +85°C
 Design: Corrugated, transparent

**Applications/Characteristics**

A hose suitable for ventilation; suction of gases, smoke, dust pellets; and for transportation of mineral wool insulation. The hose is internally smooth and very flexible. Also available in antistatic design, see 1463-40-xx. Food approved.

Product group: 140

Part number	ID mm	Thickness mm	Bend rad. mm	Weight kg/m	Vacuum pr. Max %	Length m/coil
1463-10-20	32	0,6	32	0,19	40	20
1463-10-24	38	0,6	38	0,25	30	20
1463-10-30	45	0,6	45	0,32	30	20
1463-10-32	50	0,7	50	0,39	30	20
1463-10-39	60	0,7	60	0,44	30	20
1463-10-40	63	0,7	65	0,47	30	20
1463-10-48	75	0,7	75	0,60	30	20
1463-10-50	80	0,7	80	0,65	30	20
1463-10-55	90	0,8	90	0,75	30	20
1463-10-64	100	0,8	100	0,85	30	20
1463-10-80	125	0,8	125	1,17	30	20
1463-10-96	152	0,9	150	1,45	30	20
1463-11-60	160	0,9	160	1,70	30	20

1463-40 VACUUM HOSE, POLYURETHANE, ANTISTATIC

**Construction**

Inner tube: Polyurethane (PU)
 Cover: Polyurethane (PU)
 Reinforcement: PVC spiral with antistatic wire
 Temperature: -25°C – +85°C
 Design: Corrugated, transparent

**Applications/Characteristics**

A hose suitable in situations when a grounded braid is needed to transport abrasive materials, mineral wool insulation and ventilation. The hose is made of polyurethane and is very flexible. Food approved.

Product group: 140

Part number	ID mm	Thickness mm	Bend rad. mm	Weight kg/m	Vacuum pr. Max %	Length m/coil
1463-40-20	32	0,6	32	0,24	40	20
1463-40-22	35	0,6	35	0,25	40	20
1463-40-24	38	0,6	38	0,33	30	20
1463-40-25	40	0,6	40	0,36	30	20
1463-40-32	50	0,7	50	0,44	30	20
1463-40-39	60	0,7	60	0,50	30	20
1463-40-40	63	0,7	63	0,53	30	20
1463-40-48	75	0,7	75	0,66	30	20
1463-40-50	80	0,7	80	0,74	30	20
1463-40-64	100	0,8	100	0,92	30	20
1463-40-80	125	0,8	125	1,25	30	20
1463-40-96	150	0,9	150	1,60	30	20

1563-90 VACUUM HOSE, POLYURETHANE



Construction

Inner tube: Polyurethane (PU)
 Cover: Polyurethane (PU)
 Reinforcement: PVC spiral
 Temperature: -20°C – +85°C
 Design: Corrugated, transparent



Applications/Characteristics

For transportation of abrasive materials, insulating material and ventilation. A very flexible polyurethane hose. Food approved according to EU 10/2011.

Product group: 140

Part number	ID mm	Thickness mm	Bend rad. mm	Weight kg/m	Vacuum pr. Max %	Length m/coil
1563-90-48	76	0,6	100	0,60	16	30
1563-90-64	100	0,6	140	0,82	13	30

1563-20 POLYURETHANE HOSE L 0,4



Construction

Inner tube: Polyurethane (PU)
 Cover: Polyurethane (PU)
 Reinforcement: Copper-coloured steel spiral
 Temperature: -40°C – +90°C
 Design: Corrugated, transparent



Applications/Characteristics

A very light weighted hose delivered in a "compact"-package. The hose is very durable and suitable for the food and pharmaceutical industries. Areas of usage: Ventilation, pellet burner, oil mist. The hose is resistant to hydrolysis and microbes.

Product group: 140

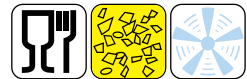
Length/coil: 6 meters (Also available in 10–15 meters on request)

Part number	ID mm	Thickness mm	Bend rad. mm	Weight kg/m	Vacuum pr. Max %
1563-20-32	50	0,4	35	0,30	20
1563-20-40	63	0,4	42	0,34	15
1563-20-48	76	0,4	53	0,43	10
1563-20-50	80	0,4	56	0,46	10
1563-20-55	90	0,4	62	0,49	10
1563-20-64	102	0,4	70	0,51	9
1563-20-70	110	0,4	75	0,56	8
1563-20-80	125	0,4	88	0,65	8
1563-20-96	150	0,4	105	0,78	6
1563-21-30	130	0,4	90	0,68	7
1563-21-60	160	0,4	115	0,81	6
1563-21-80	180	0,4	125	0,91	6
1563-22-03	200	0,4	140	1,05	5
1563-22-28	228	0,4	155	1,13	4
1563-22-54	250	0,4	175	1,25	4
1563-23-00	300	0,4	218	1,55	3
1563-23-05	305	0,4	215	1,57	3
1563-23-18	318	0,4	220	1,65	3
1563-23-25	325	0,4	230	1,72	2
1563-23-50	350	0,4	245	1,81	2
1563-24-08	400	0,4	280	2,10	2

1563-30 POLYURETHANE HOSE M 0,7

**Construction**

Inner tube: Polyurethane (PU)
 Cover: Polyurethane (PU)
 Reinforcement: Copper-coloured steel spiral
 Temperature: -40°C – +100°C
 Design: Corrugated, transparent, internally smooth

**Applications/Characteristics**

Powerful and flexible suction hose for transportation of materials such as gravels, cement, sand, sawdust, gasoline, oil products and food. The hose is suitable in areas such as sawmills, plastic and paper industries, wood shaving, contractor businesses. Good resistant towards solvents and good aging characteristics. It is also resistant to oil mist and microbes, and can be used in damp environments. Halogen free. Other dimensions available on request.

Product group: 140

Thickness: 0,7 mm

Part number	ID mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1563-30-12	20	0,135	20	0,17	40	15
1563-30-16	25	0,130	25	0,25	40	15
1563-30-20	32	0,125	32	0,35	40	15
1563-30-24	38	0,115	38	0,40	40	15
1563-30-25	40	0,115	40	0,40	40	15
1563-30-32	50	0,100	50	0,45	25	15
1563-30-40	63	0,100	63	0,48	25	15
1563-30-48	75	0,080	75	0,60	20	15
1563-30-50	80	0,080	80	0,65	20	15
1563-30-55	90	0,070	90	0,73	20	15
1563-30-64	102	0,060	100	0,84	18	15
1563-30-80	125	0,050	125	0,98	15	15
1563-30-96	150	0,040	150	1,12	10	15
1563-31-40	140	0,040	140	1,06	10	15
1563-31-60	160	0,040	160	1,20	8	15
1563-32-03	200	0,025	200	1,50	5	15
1563-32-54	250	0,020	250	1,93	4	15
1563-33-05	305	0,015	300	2,31	2	15

1563-50 POLYURETHANE HOSE H 1,4

**Construction**

Inner tube: Polyurethane (PU)
 Cover: Polyurethane (PU)
 Reinforcement: Copper-coloured steel spiral
 Temperature: -40°C – +90°C
 Design: Corrugated, transparent, internally smooth

**Applications/Characteristic**

A very powerful PU-hose for transportation of strong abrasive particles. The hose is suitable for industrial vacuum cleaning, granulates and splinters. It is also resistant to oil mist and microbes, and can be used in damp environments. Halogen free.

Product group: 140

Thickness: 1,4 mm

Part number	ID mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1563-50-24	38	0,30	48	0,38	90	10
1563-50-32	50	0,19	75	0,67	60	10
1563-50-40	63	0,18	90	0,79	55	10
1563-50-48	76	0,12	113	0,98	50	10
1563-50-64	102	0,11	150	1,36	40	10
1563-50-76	120	0,09	180	1,42	30	10
1563-50-80	127	0,08	185	1,54	25	10
1563-50-85	140	0,07	210	1,75	20	10
1563-50-96	150	0,07	225	1,82	20	10

1563-70 POLYURETHANE HOSE HD T 2,0

**Construction**

Inner tube: Polyurethane (PU)
 Cover: Polyurethane (PU)
 Reinforcement: Copper-coloured steel spiral
 Temperature: -40°C – +100°C
 Design: Corrugated, transparent, internally smooth

**Applications/Characteristic**

An extremely powerful PU-hose for both suction and pressure transports of abrasive materials such as sand, granulates and splinters. The hose is suitable in the contractor business area, the wood and plastic industries. It is food approved and sustains oil mist. It is also resistant towards microbes and can be used in damp environments.

Product group: 140

Thickness: 2,0 mm

Part number	ID mm	Work pr. MPa	Bend rad. mm	Vaccum pr. Max %	Weight kg/m	Length m/coil
1563-70-25	40	0,42	160	0,90	0,76	10
1563-70-32	50	0,38	200	0,95	1,00	10
1563-70-39	60	0,27	240	0,95	1,32	10
1563-70-48	76	0,27	300	0,95	1,51	10
1563-70-56	90	0,21	360	0,90	1,81	10
1563-70-64	102	0,19	400	0,90	2,13	10

1464 SANDSTONE, BLASTING HOSE 10 BAR

**Construction**

Inner tube: Abrasion resistant rubber (NR/BR)
 Cover: Synthetic abrasion and weather resistant rubber (SBR)
 Reinforcement: Synthetic textile
 Safety factor: 1:4
 Temperature: -30°C – +70°C
 Design: Wrapped, black

**Applications/Characteristic**

A hose suitable for sand or steel sand blasting. It can also be used for concrete cast, and as transportation/deliverance of abrasive particles. According to the latest European norm EN IOS 3861.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1464-00-08	13,0	25,0	1,0	200	0,48	40
1464-00-12	19,0	33,0	1,0	230	0,75	40
1464-00-16	25,0	39,0	1,0	300	0,94	40
1464-00-20	32,0	48,0	1,0	380	1,24	40
1464-00-24	38,0	58,0	1,0	460	1,85	40
1464-00-26	40,0	60,0	1,0	480	1,92	40
1464-00-30	45,0	65,0	1,0	540	2,00	40
1464-00-32	50,0	72,0	1,0	600	2,66	40

1464-10 MARBLE, CONCRETE CAST HOSE 40 BAR



Construction

Inner tube:	Abrasion resistant rubber (NR/BR)
Cover:	Synthetic abrasion and weather resistant rubber (SBR)
Reinforcement:	Synthetic textile
Safety factor:	1:3
Temperature:	-40°C – +70°C
Design:	Wrapped, black



Applications/Characteristic

A hose suitable for wet-casting of concrete mixtures at mobile or stationary applications. Also excellent to use as transportation hose between pump and nozzle (for pre-mixed concrete). The thick tube prevents kink in the hose.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Length m/coil
1464-10-12	19,0	31,0	4,0	120	0,60	40
1464-10-16	25,0	37,0	4,0	160	0,82	40
1464-10-20	32,0	44,0	4,0	220	1,08	40
1464-10-22	35,0	49,0	4,0	250	1,18	40
1464-10-24	38,0	54,0	4,0	300	1,42	40
1464-10-32	51,0	68,0	4,0	400	2,02	40
1464-10-40	63,5	85,0	4,0	500	2,94	40
1464-10-48	76,0	98,0	4,0	600	3,78	40
1464-10-64	100,0	128,0	4,0	750	6,10	40

1464-50 SHALE, CONCRETE PUMP HOSE 80 BAR



Construction

Inner tube:	NR/SBR
Cover:	NR/SBR
Reinforcement:	Steel spiral
Temperature:	-40°C – +70°C
Design:	Wrapped, black



Applications/Characteristic

A hose suitable for placing and transporting concrete from beam. The very robust design prevents kink in the hose and makes it easy to use as well as flexible. It sustains high pressures. Deliverance usually fully assembled with fluid connectors. The pre-assembling is done in-house in Sweden.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m
1464-50-32	51,0	75,0	8,0	380	3,96
1464-50-40	65,0	89,0	8,0	400	4,84
1464-50-48	76,0	104,0	8,0	400	6,21
1464-50-64	100,0	128,0	8,0	550	9,67
1464-50-80	125,0	153,0	8,0	700	15,16

1465-30 LIMESTONE, CONCRETE AND GRANULATE HOSE 6 BAR



Construction

Inner tube:	Durable, antistatic rubber (NR/SBR)
Cover:	Abrasion, weather and ozone resistant rubber
Reinforcement:	Synthetic textile
Safety factor:	1:3
Temperature:	-40°C – +70°C
Design:	Wrapped, black



Applications/Characteristic

A very robust and durable hose suitable for transportation of concrete, sand, gravel, animal feed and granulates. Can also be used in pneumatic applications between trucks and silos.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Weight kg/m	Length m/coil
1465-30-48	76,0	92,0	0,6	2,75	40
1465-30-56	90,0	106,0	0,6	2,96	40
1465-30-64	102,0	119,0	0,6	3,36	40
1465-30-80	127,0	145,0	0,6	4,20	40
1465-30-96	152,0	170,0	0,6	5,05	40

1565 CHLORIET, MATERIAL HOSE, LAY-FLAT



Construction

Inner tube:	Abrasion resistant rubber (NR/BR)
Cover:	Abrasion and weather resistant rubber (SBR)
Reinforcement:	Synthetic textile and a steel spiral
Safety factor:	1:3
Temperature:	-35°C – +80°C
Design:	Wrapped, black



Applications/Characteristic

An all-round clearing hose with an abrasion resistant inner tube. It is suitable for transportation of wet and dry concrete, sand or gravel. Electrical resistance: <math><10^6</math> Ohm. Can be stored lay-flat.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Weight kg/m	Length m/coil
1565-00-64	100,0	108,0	0,6	1,45	40
1565-00-80	125,0	134,0	0,5	2,10	40
1565-00-96	150,0	160,0	0,4	2,75	20

1466 DOLOMITE, INDUSTRIAL DUST SUCTION HOSE



Construction

Inner tube:	Abrasion resistant rubber
Cover:	Durable, weather resistant rubber
Reinforcement:	Woven polyester and a steel spiral
Temperature:	-40°C – +90°C
Design:	Corrugated, black



Applications/Characteristic

A exhaust hose suitable for particles, sand, dust and powder within the engineering industry. Can also be used as exhaust hose for grains.

Product group: 140

Part number	ID mm	OD mm	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1466-00-24	38,0	44,0	70	0,55	80	20
1466-00-32	50,0	56,0	75	0,71	80	20
1466-00-40	60,0	66,0	100	0,85	80	20
1466-00-42	63,0	70,0	105	0,97	80	20
1466-00-48	76,0	83,0	120	1,25	80	10
1466-00-64	102,0	110,0	150	1,90	80	10
1466-00-70	110,0	118,0	160	2,05	80	10
1466-00-80	127,0	135,0	175	2,35	80	10
1466-00-96	152,0	162,0	200	2,52	80	10
1466-02-02	202,0	211,0	203	3,04	80	10
1466-02-20	220,0	230,0	220	3,39	80	10

1467-45 SLATE, SANITATION SUCTION HOSE M45



Construction

Inner tube:	Abrasion resistant rubber (NR)
Cover:	Durable, weather resistant rubber (SBR)
Reinforcement:	Synthetic textile and a steel spiral
Temperature:	-30°C – +90°C
Design:	Corrugated, black



Applications/Characteristic

An elastic and flexible hose suitable for sanitation vehicles. The hose is designed for normal abrasion situations. It is only available in fixed lengths.

Product group: 140

Part number	ID mm	Thickness ID mm	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1467-45-48	76,0	2,6	300	1,8	80	12
1467-45-64	102,0	2,6	410	2,6	80	12
1467-45-80	127,0	2,6	510	3,4	80	12
1467-45-96	152,0	2,6	600	4,0	80	12
1467-45-03	203,0	2,6	800	6,2	80	12

1467-51 COAL, SANITATION SUCTION HOSE M51



Construction

Inner tube:	Abrasion resistant rubber (NR)
Cover:	Durable, weather resistant rubber (SBR)
Reinforcement:	Synthetic textile and a steel spiral
Temperature:	-40°C – +70°C
Design:	Corrugated, black



Applications/Characteristic

An elastic and flexible hose suitable for sanitation vehicles. The hose is designed for heavy abrasion situations. It is only available in fixed lengths.

Product group: 140

Part number	ID mm	Thickness ID mm	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1467-51-64	102,0	2,8	510	3,0	80	12
1467-51-80	127,0	2,8	640	3,7	80	12
1467-51-96	152,0	2,8	760	4,3	80	12
1467-51-03	203,0	4,0	1000	8,1	80	12

1467-52 GRANULITE, TRANSPORTATION HOSE M52



Construction

Inner tube:	Slitbeständigt gummi (NR)
Cover:	Slit-, ozon- och väderbeständigt gummi (SBR)
Reinforcement:	Syntetisk textil samt stålspiral
Temperature:	-40°C – +70°C
Design:	Vävmönstrad, svart



Applications/Characteristic

Transportation hose for sanitation vehicles. Can also be used as the bent part in central vacuum applications.

Product group: 140

Part number	ID mm	OD mm	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1467-52-32	50,0	63,0	300	1,8	80	40
1467-52-40	63,0	76,0	380	2,3	80	40
1467-52-48	76,0	85,0	460	1,8	80	40
1467-52-56	90,0	103,0	540	3,3	80	40
1467-52-64	102,0	114,0	600	3,4	80	40
1467-52-69	108,0	122,0	650	4,5	80	40
1467-52-74	116,0	131,0	450	4,6	80	40
1467-52-80	127,0	140,0	760	4,9	80	40
1467-52-85	140,0	156,0	840	5,4	80	40
1467-52-96	152,0	165,0	900	5,8	80	40
1467-52-03	203,0	223,0	1200	13,4	80	20

1567 GNEISS, SANITATION SUCTION HOSE



Construction

Inner tube:	Light brown natural rubber (NR)
Cover:	Durable, weather resistant rubber (SBR)
Reinforcement:	Synthetic textile and a steel spiral
Temperature:	-40°C – +80°C
Design:	Corrugated, black



Applications/Characteristic

A hose suitable as a work hose in industrial central vacuum cleaner applications. It is also suitable as main line in buildings. The hose can have a ground connection through the embedded steel spiral.

Product group: 140

Part number	ID mm	Thickness ID mm	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1567-00-32	50	2,0	150	1,15	90	40
1567-00-40	63	2,0	160	1,43	90	40
1567-00-48	76	2,0	170	1,74	90	40
1567-00-56	90	2,0	200	2,45	90	40
1567-00-64	102	2,0	210	2,95	90	40
1567-00-74	115	2,0	220	3,23	90	20
1567-00-80	127	2,0	250	3,60	90	20
1567-00-96	152	2,0	370	4,40	90	20

1567-20 GNEISS, SANITATION SUCTION HOSE, SUCTION AND PRESSURE



Construction

Inner tube:	Light brown natural rubber (NR)
Wrapping:	Black, weather resistant rubber
Reinforcement:	Textile and a steel spiral
Temperature:	-40° - +80°C
Design:	Corrugated, black



Applications/Characteristic

Suction and pressure hose for transportation of abrasive materials e.g. concrete, sand, gravel and cuttings. The hose is very suitable as a cutting hose where there is a need for flexibility and durable hoses with suction and pressure.

Product group: 140

Part number	ID mm	OD mm	Work pr. MPa	Bend rad. mm	Weight kg/m	Vaccum pr. Max %	Length m/coil
1567-20-32	50	66	0,5	100	2,00	90	40
1567-20-48	76	96	0,5	200	3,00	90	40
1567-20-64	102	122	0,5	290	4,28	90	40
1567-20-80	127	147	0,5	350	5,45	90	20
1567-20-96	152	173	0,5	600	7,36	90	20

1480 GAS EXHAUST HOSE, STAINLESS STEEL

**Construction**

Material: Stainless steel (1.4016 EN 10088-1)

Temperature: Up to +700°C

Applications/Characteristic

Spiral wired gas exhaust hose with round cross section and labyrinth profile for e.g. exhaust gases, pellets and granulates. Can also be used as mechanical cable protection.

Part number	ID mm	OD mm	Bend rad. mm
1480-00-12	20.0	24.8	70
1480-00-14	22.0	26.0	77
1480-00-16	25.0	29.8	86
1480-00-19	30.0	34.8	101
1480-00-20	32.0	36.0	160
1480-00-22	35.0	39.0	170
1480-00-24	38.0	42.0	190
1480-00-25	40.0	44.5	200
1480-00-26	42.0	46.5	210
1480-00-30	45.0	49.5	225
1480-00-32	50.0	54.5	250
1480-00-38	55.0	59.5	265
1480-00-39	60.0	64.5	275
1480-00-40	65.0	69.5	285
1480-00-44	70.0	74.5	300
1480-00-48	75.0	79.5	310
1480-00-51	80.0	84.5	320
1480-00-53	85.0	89.5	335
1480-00-56	90.0	94.5	345
1480-00-62	100.0	105.0	375
1480-00-64	102.0	107.0	380
1480-00-68	105.0	110.0	390
1480-00-70	110.0	115.0	400
1480-00-74	115.0	120.0	415
1480-00-79	125.0	130.0	435
1480-00-80	127.0	132.0	445
1480-00-82	130.0	135.0	450
1480-00-85	140.0	145.0	475
1480-00-96	150.0	155.0	500
1480-01-75	175.0	180.0	560
1480-01-90	190.0	195.0	595
1480-02-00	200.0	205.0	620

1484 METAL HOSE, PARALLEL WRAPPED

**Construction**

Inner tube: Stainless steel (1.4541 EN 10088-1) Suffix F
 Stainless steel (1.4404 EN 10088-1) Suffix S
 Wrapping: Stainless steel (1.4301 EN 10088-1)
 Safety factor: 1:4
 Temperature: -200°C – +550°C

Applications/Characteristic

Metal hose suitable for hot oils, chemicals, gases, exhaust gases, water, steam, vacuum etc. The hose can also be used as mechanical cable protection.

Part number	ID mm	OD mm	Work pr. Bar	Bend rad. mm	Weight kg/m
1484-01-06F/S	10,6	17,5	75,0	190	0,25
1484-01-08F/S	12,3	19,5	70,0	210	0,29
1484-01-10F/S	15,7	25,2	65,0	285	0,37
1484-01-12F/S	19,8	30,3	50,0	310	0,50
1484-01-16F/S	25,8	36,0	40,0	375	0,64
1484-01-20F/S	33,0	45,7	35,0	405	1,00
1484-01-24F/S	40,0	54,0	30,0	480	1,20
1484-01-32F/S	51,6	67,5	25,0	550	1,54
1484-01-40F/S	66,0	87,9	20,0	675	2,55
1484-01-48F/S	76,6	100,0	18,0	750	2,90
1484-01-64F/S	103,0	128,0	14,0	920	4,20
1484-01-80F/S	127,5	154,5	12,5	1160	5,80
1484-01-96F/S	151,5	180,0	10,0	1320	6,80
1484-01-128F/S	200,0	232,0	6,0	1400	11,00

1485 METAL HOSE, TIGHT AND PARALLEL WRAPPED

**Construction**

Inner tube: Stainless steel (1.4541 EN 10088-1)
 Wrapping: Stainless steel (1.4301 EN 10088-1)
 Safety factor: 1:4
 Temperature: -200°C – +550°C

Applications/Characteristic

Metal hose suitable for hot oils, chemicals, gases, exhaust gases, water, steam, vacuum etc. The hose can also be used as mechanical cable protection. Extra flexible.

Part number	ID mm	OD mm	Work pr. Bar	Bend rad. mm	Weight kg/m
1485-01-24F	38,9	54,5	30,0	400	1,3
1485-01-32F	51,6	68,0	25,0	450	1,7
1485-01-40F	65,5	88,5	20,0	540	3,0
1485-01-48F	76,0	100,7	18,0	640	3,4
1485-01-64F	102,5	128,0	14,0	840	4,5
1485-01-80F	127,5	154,5	12,5	950	6,5
1485-01-96F	151,5	180,5	10,0	1150	7,7

1489 METAL HOSE, PARALLEL WRAPPED, MECHANICALLY SHAPED



Construction

Inner tube: Stainless steel (1.4404 EN 10088-1)

Wrapping: Stainless steel(1.4301 EN 10088-1)

Safety factor: 1:4

Temperature: -200°C - +550°C

Applications/Characteristic

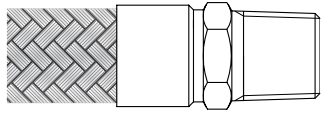
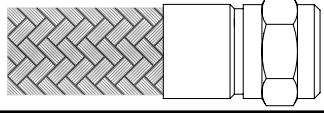
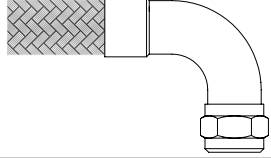
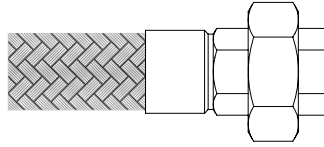
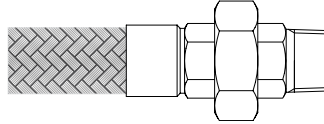
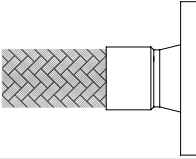
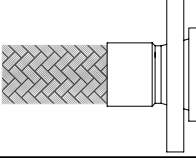
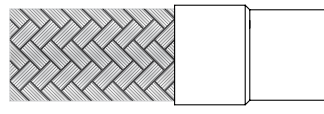
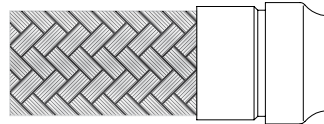
Metal hose suitable for oils, chemicals, gases, exhaust gases, water, steam, vacuum etc. The hose can also be used as mechanical cable protection.

1489-01-xxS = simple wrap

1489-02-xxS = double wrap

Part number	ID mm	OD mm	Work pr. Bar	Bend rad. mm	Weight kg/m
1489-01-04S	6,3	11,1	150	80,0	0,173
1489-02-04S	6,3	12,3	220	80,0	0,277
1489-01-05S	8,2	13,7	135	125,0	0,219
1489-02-05S	8,2	14,9	200	125,0	0,357
1489-01-06S	10,3	15,7	85	130,0	0,239
1489-02-06S	10,3	16,9	150	130,0	0,380

A SELECTION OF OUR FITTING RANGE FOR METAL HOSE

Fittings	Material
<p>Solid, male thread</p> 	Brass Steel Stainless steel
<p>Loose nut and cone sealing 60°</p> 	Brass Steel Stainless steel
<p>Angular, with loose nut and cone sealing 60°</p> 	Brass Steel Stainless steel
<p>Three part, female thread</p> 	Malleable Brass Steel Stainless steel
<p>Three part, male thread</p> 	Malleable Brass Steel Stainless steel
<p>Solid flange</p> 	Steel Stainless steel
<p>Loose flange Welded ring with crimped nut</p> 	Steel Stainless steel
<p>Welded standpipe</p> 	Brass Steel Stainless steel
<p>CAM-LOCK fitting</p> 	Brass Stainless steel

PARALLEL WRAPPED METAL HOSES				
Dim. inch	ID mm	OD mm	Work pr. Bar	Bend rad. mm
3/8"	10,6	17,5	75,0	190
1/2"	12,9	20,8	70,0	210
5/8"	15,7	25,2	65,0	285
3/4"	19,8	30,3	50,0	310
1"	25,9	38,0	40,0	375
1 1/4"	33,0	45,7	35,0	405
1 1/2"	40,0	54,3	30,0	480
2"	51,6	67,5	25,0	550
2 1/2"	66,0	87,9	20,0	675
3"	76,6	100,0	18,0	750
4"	103,0	128,0	14,0	920
5"	127,5	154,5	12,5	1,160
6"	151,5	180,0	10,0	1,320

HYDROSCAND METAL HOSES

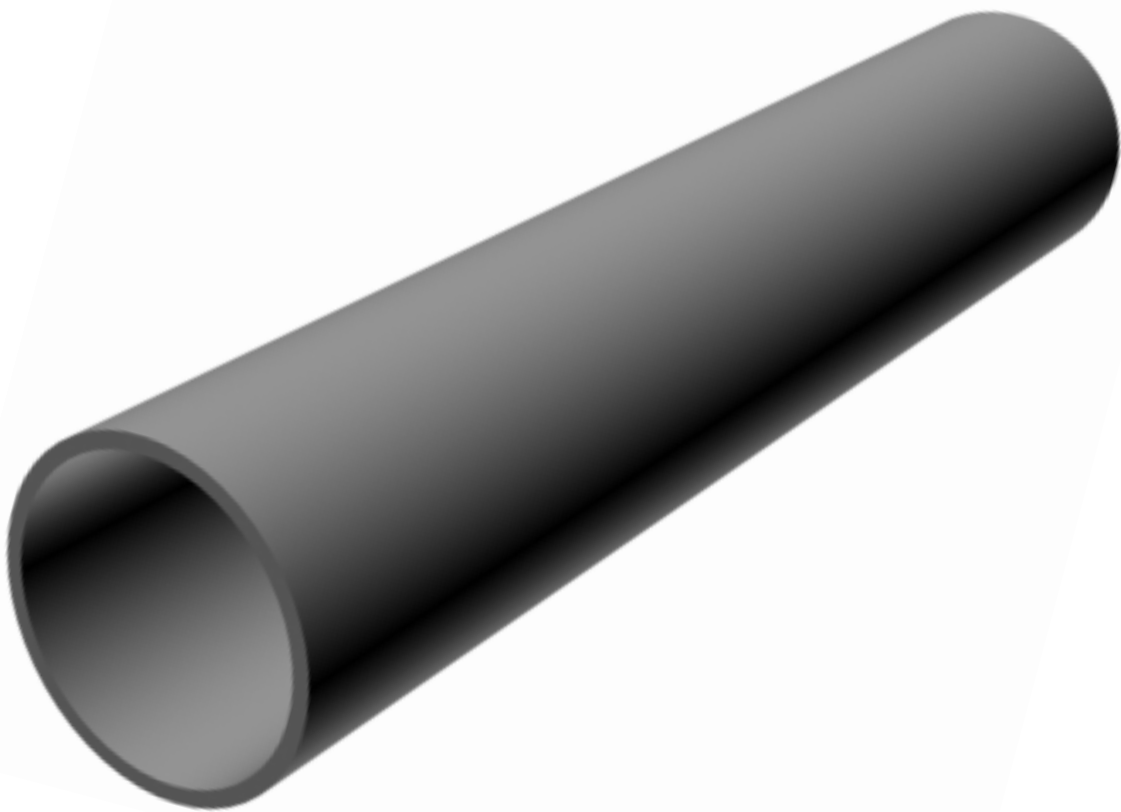
Hydroscand offers a wide range of solutions with different metal hoses, exhaust gas hoses as well as pressure hoses with parallel and spiral wraps.

Hydroscand's metal hoses are suitable for transportation of gases, hot and cold fluids, and as vibration recovery in pipe lines.

Hydroscand's metal hoses are manufactured according to customer requirements and can be delivered with certifications of pressure and seal controls.

Hydroscand can also deliver metal hoses with pre-assembled (welded) fittings. Contact us for more information.





HYDROSCAND PIPES

PRODUCT GROUP 610 AND 625

Hydroscand provides pipes to suit a wide spectra of materials for all sorts of applications in hydraulic and pneumatic systems.

NOTE! Seamless stainless steel pipes can in some applications be replaced by welded stainless steel pipes. Only the customer decides in what application the seamless pipe can be replaced by a welded one. The manufacturer guarantees a weld factor of $V=1,0$.

SPECIFICATION

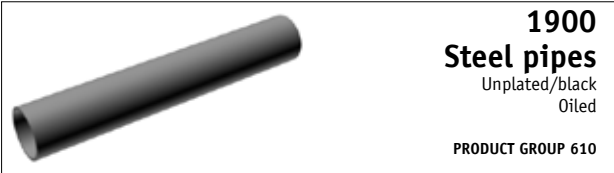
- 1900 Seamless precision pipes according to DIN 2391/C (EN10305-4). Materials according to St 37.4, NBK. Oiled.
- 1902 Equal as 1900, but E-coated.
- 1920 Seamless stainless steel pipes according to DIN 17458 PK1 alternatively according to EN 10216-5TC1. Material SS2333 (1.4301).
- 1921 Equal as 1920, but material SS2348 (1.4404).
- 1922 Welded stainless steel pipes according to DIN 17457 PK1 alternatively according to EN 10217-7 TC1. Material SS2333 (14301).

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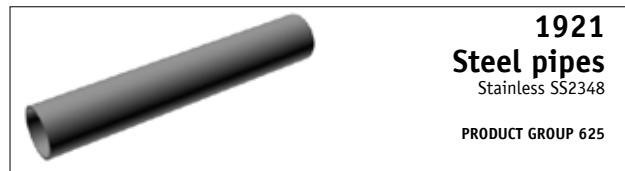
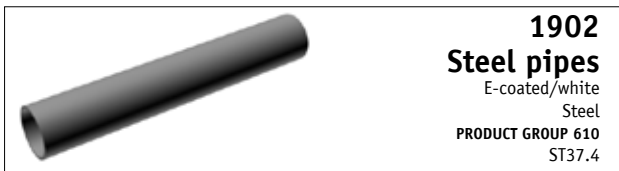
	PIPES	PAGE
1900	Steel pipes	115
1902	Steel pipe - E-coated/white	116
1921	Steel pipes - Stainless	116
1920	Steel pipes - Stainless	117
1922	Steel pipes - Stainless, welded	117





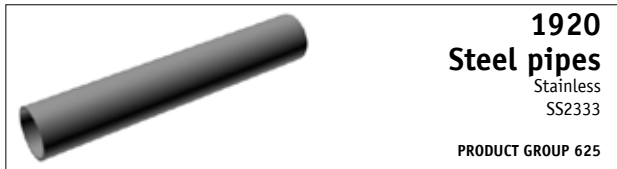
Part no.	OD mm	Thickness mm	PN MPa	Weight Kg/m
1900-06-10	6	1,0	37,4	0,12
1900-06-15	6	1,5	52,8	0,17
1900-08-10	8	1,0	26,9	0,17
1900-08-15	8	1,5	41,4	0,24
1900-08-20	8	2,0	52,8	0,30
1900-10-10	10	1,0	24,9	0,22
1900-10-15	10	1,5	35,8	0,31
1900-10-20	10	2,0	46,0	0,40
1900-12-10	12	1,0	21,0	0,27
1900-12-15	12	1,5	30,5	0,39
1900-12-20	12	2,0	39,3	0,49
1900-12-25	12	2,5	47,5	0,59
1900-14-20	14	2,0	34,3	0,59
1900-14-25	14	2,5	41,7	0,71
1900-15-10	15	1,0	17,1	0,35
1900-15-15	15	1,5	24,9	0,50
1900-15-20	15	2,0	32,3	0,64
1900-16-15	16	1,5	23,4	0,54
1900-16-20	16	2,0	30,5	0,69
1900-16-25	16	2,5	37,2	0,83
1900-16-30	16	3,0	43,5	0,96
1900-18-15	18	1,5	21,0	0,61
1900-18-20	18	2,0	27,4	0,79
1900-18-25	18	2,5	33,5	0,96
1900-18-30	18	3,0	39,3	1,11
1900-20-15	20	1,5	19,1	0,68
1900-20-20	20	2,0	24,9	0,89
1900-20-25	20	2,5	30,5	1,08
1900-20-30	20	3,0	35,8	1,26
1900-20-40	20	4,0	46,0	1,58
1900-22-10	22	1,0	11,8	0,52
1900-22-15	22	1,5	17,4	0,76
1900-22-20	22	2,0	22,8	0,99
1900-22-25	22	2,5	28,0	1,20
1900-25-20	25	2,0	20,2	1,13
1900-25-25	25	2,5	24,9	1,39
1900-25-30	25	3,0	29,4	1,63
1900-25-40	25	4,0	37,9	2,07
1900-28-15	28	1,5	13,9	0,98
1900-28-20	28	2,0	18,2	1,28
1900-28-30	28	3,0	26,5	1,85
1900-28-40	28	4,0	34,3	2,37
1900-30-20	30	2,0	17,1	1,38
1900-30-30	30	3,0	24,9	2,00
1900-30-40	30	4,0	32,3	2,57
1900-30-50	30	5,0	39,3	3,08
1900-35-20	35	2,0	14,7	1,63
1900-35-30	35	3,0	21,6	2,37

Part no.	OD mm	Thickness mm	PN MPa	Weight Kg/m
1900-35-40	35	4,0	38,1	3,06
1900-35-50	35	5,0	34,3	3,70
1900-38-30	38	3,0	20,0	2,59
1900-38-40	38	4,0	26,1	3,35
1900-38-50	38	5,0	31,9	4,07
1900-38-60	38	6,0	37,5	4,74
1900-42-20	42	2,0	12,4	1,97
1900-42-30	42	3,0	18,2	2,89

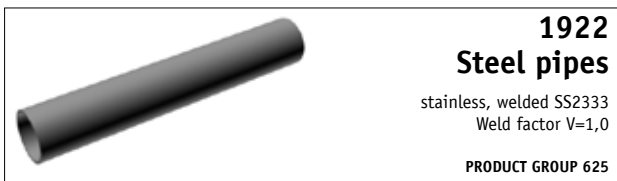


Part no.	OD mm	Thickness mm	PN MPa	Weight Kg/m
1902-04-10	4	1,0	50,2	0,07
1902-06-10	6	1,0	37,4	0,12
1902-06-15	6	1,5	52,8	0,17
1902-08-10	8	1,0	26,9	0,17
1902-08-15	8	1,5	41,4	0,24
1902-10-10	10	1,0	24,9	0,22
1902-10-15	10	1,5	35,8	0,31
1902-10-20	10	2,0	46,0	0,40
1902-12-10	12	1,0	21,0	0,27
1902-12-15	12	1,5	30,5	0,39
1902-12-20	12	2,0	39,3	0,49
1902-14-20	14	2,0	34,3	0,59
1902-15-10	15	1,0	17,1	0,35
1902-15-15	15	1,5	24,9	0,50
1902-15-20	15	2,0	32,3	0,64
1902-16-15	16	1,5	23,4	0,54
1902-16-20	16	2,0	30,5	0,69
1902-16-25	16	2,5	37,2	0,83
1902-18-15	18	1,5	21,0	0,61
1902-18-20	18	2,0	27,4	0,79
1902-20-15	20	1,5	19,1	0,68
1902-20-20	20	2,0	24,9	0,88
1902-20-25	20	2,5	30,5	1,08
1902-20-30	20	3,0	35,8	1,26
1902-22-15	22	1,5	17,4	0,76
1902-22-20	22	2,0	22,8	0,99
1902-22-25	22	2,5	28,0	1,20
1902-25-20	25	2,0	20,2	1,13
1902-25-25	25	2,5	24,9	1,39
1902-25-30	25	3,0	29,4	1,63
1902-25-40	25	4,0	37,9	2,07
1902-28-15	28	1,5	19,9	0,98
1902-28-20	28	2,0	18,2	1,28
1902-28-25	28	2,5	22,4	1,57
1902-28-30	28	3,0	26,5	1,85
1902-30-30	30	3,0	24,9	2,00
1902-30-40	30	4,0	32,3	2,57
1902-35-20	35	2,0	14,7	1,63
1902-35-30	35	3,0	21,6	2,37
1902-38-30	38	3,0	20,0	2,99
1902-38-40	38	4,0	26,1	3,35
1902-38-50	38	5,0	31,9	4,07
1902-42-20	42	2,0	12,4	1,97
1902-42-30	42	3,0	18,2	2,89

Part no.	OD mm	Thickness mm	PN MPa	Weight Kg/m
1921-06-10	6	1,0	42,6	0,12
1921-08-10	8	1,0	36,8	0,17
1921-08-15	8	1,5	47,2	0,24
1921-10-10	10	1,0	29,4	0,22
1921-10-15	10	1,5	38,9	0,31
1921-12-10	12	1,0	24,5	0,27
1921-12-15	12	1,5	36,8	0,39
1921-12-20	12	2,0	42,6	0,49
1921-14-20	14	2,0	42,0	0,59
1921-15-15	15	1,5	29,4	0,50
1921-15-20	15	2,0	39,2	0,64
1921-16-15	16	1,5	27,6	0,55
1921-16-20	16	2,0	36,8	0,69
1921-16-25	16	2,5	40,3	0,85
1921-18-15	18	1,5	24,5	0,61
1921-18-20	18	2,0	32,7	0,79
1921-20-20	20	2,0	29,4	0,88
1921-20-25	20	2,5	36,8	1,08
1921-20-30	20	3,0	38,9	1,26
1921-22-15	22	1,5	20,0	0,76
1921-22-20	22	2,0	26,7	0,99
1921-25-25	25	2,5	29,4	1,39
1921-25-30	25	3,0	35,3	1,63
1921-28-20	28	2,0	21,0	1,28
1921-30-30	30	3,0	29,4	2,00
1921-30-40	30	4,0	39,2	2,57
1921-35-20	35	2,0	16,8	1,63
1921-35-30	35	3,0	24,6	2,37
1921-38-40	38	4,0	30,9	3,35
1921-42-30	42	3,0	21,0	2,89



Part no.	OD mm	Thickness mm	Weight Kg/m
1920-06-10	6	1,0	0,12
1920-08-10	8	1,0	0,18
1920-08-15	8	1,5	0,24
1920-10-10	10	1,0	0,22
1920-10-15	10	1,5	0,32
1920-10-20	10	2,0	0,40
1920-12-10	12	1,0	0,28
1920-12-15	12	1,5	0,39
1920-12-20	12	2,0	0,50
1920-15-15	15	1,5	0,51
1920-15-20	15	2,0	0,65
1920-16-15	16	1,5	0,55
1920-16-20	16	2,0	0,70
1920-18-20	18	2,0	0,80
1920-20-15	20	1,5	0,70
1920-20-20	20	2,0	0,90
1920-20-25	20	2,5	1,01
1920-22-20	22	2,0	1,00



Part no.	OD mm	Thickness mm	Weight Kg/m
1922-06-10	6	1,0	0,12
1922-08-10	8	1,0	0,18
1922-10-10	10	1,0	0,22
1922-12-10	12	1,0	0,28
1922-12-15	12	1,5	0,39
1922-15-15	15	1,5	0,51
1922-16-20	16	2,0	0,70
1922-20-20	20	2,0	0,90
1922-22-20	22	2,0	1,00

Certified assembly on high pressure hoses - quick deliveries!



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HYDROSCAND REUSABLE FITTINGS

PRODUCT GROUP 200

Reusable fittings are only suitable for steel braided hoses according to EN 853 1SN and EN 853 2SN.

Ferrules for non-skived assemblies are available. All fittings in stock have dimensions 1/4" to 1".

Reusable fittings are recommended for hydraulic applications with moderate pressure where there is a need for assembling hose lines without equipment.

Remember that a good assembly requires accuracy. Follow the assembly instructions on page 120.

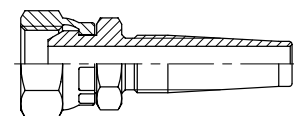
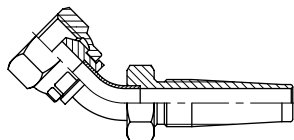
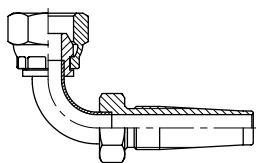
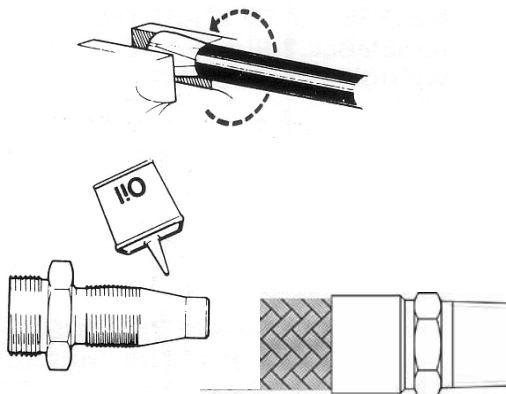


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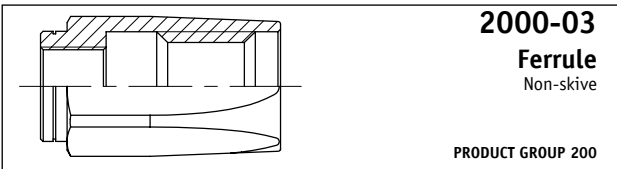
	REUSABLE FITTINGS	PAGE
2000-03	Ferrule 1SN	122
2000-04	Ferrule 2SN	122
2001	BSP straight FS	122
2002	BSP straight M	122
2003	BSP 90° bend FS	122
2004	BSP 45° bend FS	122
2013	JIC straight FS	122
2014	JIC straight M	122
2016	JIC 90° bend FS	122
2020	Metric straight M	123
2026	Standpipe	123





ASSEMBLY INSTRUCTIONS FOR REUSABLE FITTINGS WITH NON-SKIVED FERRULES ON HIGH PRESSURE HOSES EN 853 1SN AND EN 853 2SN

1. Cut the hose transversely. Secure the fitting ferrule in a vice. Make sure you are using the right ferrule, with one or two rings around the neck. One ring for 1SN-hoses and two rings for 2SN-hoses.
2. Screw the hose on the ferrule until it stops. The fitting ferrule has left-handed threads.
3. Lubricate the hose and the insert. Place the ferrule in the vice. Insert the nipple so far that the hexagonal meets the ferrule.

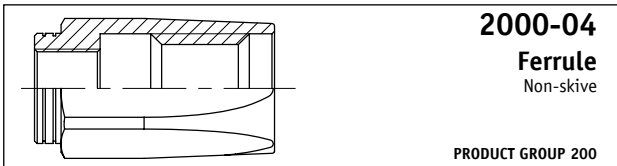


2000-03

Ferrule
Non-skive

PRODUCT GROUP 200

Part no.	Use with	Hose ID
2000-03-03	EN1SN	3/16"
2000-03-04	EN1SN	1/4"
2000-03-06	EN1SN	3/8"
2000-03-08	EN1SN	1/2"
2000-03-10	EN1SN	5/8"
2000-03-12	EN1SN	3/4"
2000-03-16	EN1SN	1"

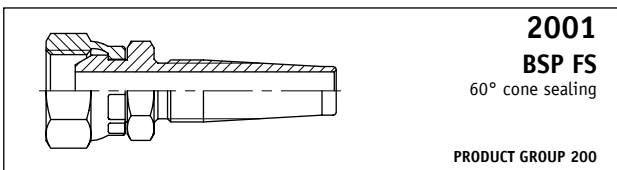


2000-04

Ferrule
Non-skive

PRODUCT GROUP 200

Part no.	Use with	Hose ID
2000-04-04	EN2SN	1/4"
2000-04-06	EN2SN	3/8"
2000-04-08	EN2SN	1/2"
2000-04-10	EN2SN	5/8"
2000-04-12	EN2SN	3/4"
2000-04-16	EN2SN	1"

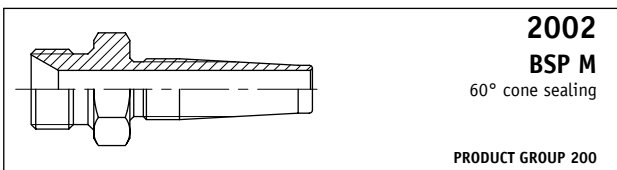


2001

BSP FS
60° cone sealing

PRODUCT GROUP 200

Part no.	Thread	Type	Hose ID
2001-04-04	G 1/4"	FS	1/4"
2001-06-06	G 3/8"	FS	3/8"
2001-08-06	G 1/2"	FS	3/8"
2001-08-08	G 1/2"	FS	1/2"
2001-10-10	G 5/8"	FS	5/8"
2001-12-12	G 3/4"	FS	3/4"
2001-16-12	G 1"	FS	3/4"
2001-16-16	G 1"	FS	1"

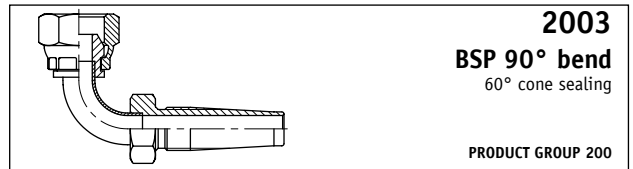


2002

BSP M
60° cone sealing

PRODUCT GROUP 200

Part no.	Thread	Type	Hose ID
2002-04-04	G 1/4"	M	1/4"
2002-06-04	G 3/8"	M	1/4"
2002-06-06	G 3/8"	M	3/8"
2002-06-08	G 3/8"	M	1/2"
2002-08-06	G 1/2"	M	3/8"
2002-08-08	G 1/2"	M	1/2"
2002-10-10	G 5/8"	M	5/8"
2002-12-12	G 3/4"	M	3/4"
2002-16-16	G 1"	M	1"

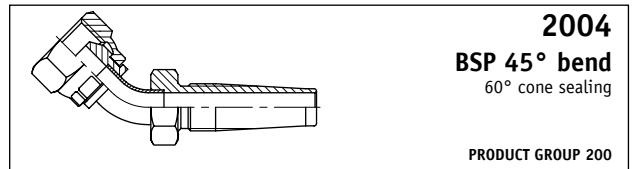


2003

BSP 90° bend
60° cone sealing

PRODUCT GROUP 200

Part no.	Thread	Type	Hose ID
2003-04-04	G 1/4"	90 FS	1/4"
2003-06-06	G 3/8"	90 FS	3/8"
2003-08-08	G 1/2"	90 FS	1/2"
2003-10-10	G 5/8"	90 FS	5/8"
2003-12-12	G 3/4"	90 FS	3/4"
2003-16-16	G 1"	90 FS	1"

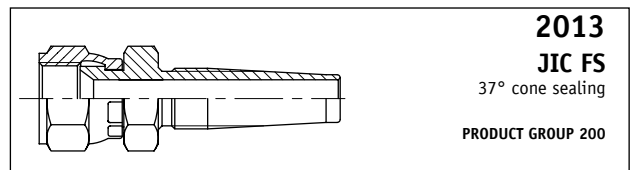


2004

BSP 45° bend
60° cone sealing

PRODUCT GROUP 200

Part no.	Thread	Type	Hose ID
2004-04-04	G 1/4"	45 FS	1/4"
2004-06-06	G 3/8"	45 FS	3/8"
2004-08-08	G 1/2"	45 FS	1/2"
2004-10-10	G 5/8"	45 FS	5/8"
2004-12-12	G 3/4"	45 FS	3/4"
2004-16-16	G 1"	45 FS	1"

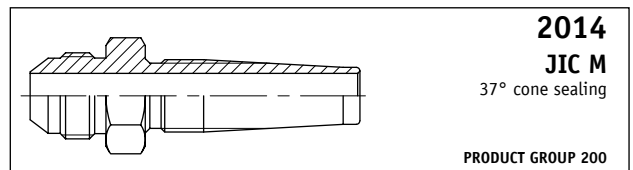


2013

JIC FS
37° cone sealing

PRODUCT GROUP 200

Part no.	Thread	Type	Hose ID
2013-14-10	7/8"- 14 UNF	JIC FS	5/8"
2013-17-12	1 1/16"- 12 UN	JIC FS	3/4"
2013-21-16	1 5/16"- 12 UN	JIC FS	1"

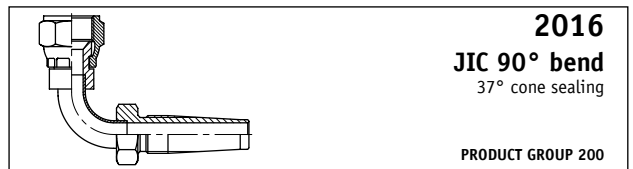


2014

JIC M
37° cone sealing

PRODUCT GROUP 200

Part no.	Thread	Type	Hose ID
2014-14-08	7/8"- 14 UNF	JIC M	1/2"
2014-17-12	1 1/16"- 12 UN	JIC M	3/4"



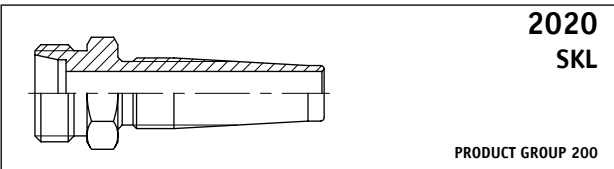
2016

JIC 90° bend
37° cone sealing

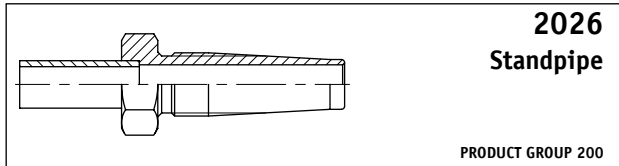
PRODUCT GROUP 200

Part no.	Thread	Type	Hose ID
2016-07-04	7/16"- 20 UNF	JIC 90 FS	1/4"
2016-09-04	9/16"- 18 UNF	JIC 90 FS	1/4"
2016-09-06	9/16"-18 UNF	JIC 90 FS	3/8"
2016-12-06	3/4"- 16 UNF	JIC 90 FS	3/8"
2016-12-08	3/4"- 16UNF	JIC 90 FS	1/2"
2016-14-08	7/8"- 14UNF	JIC 90 FS	1/2"
2016-17-10	1 1/16"- 12UN	JIC 90 FS	5/8"
2016-17-12	1 1/16"- 12UN	JIC 90 FS	3/4"





Part no.	Thread	Pipe	Type	Hose ID
2020-22-08	M22 x 1.5	15 mm	SKL	1/2"



Part no.	Pipe	Type	Hose ID
2026-06-04	6 mm	SP	1/4"
2026-15-06	15 mm	SP	3/8"



KAPPAFLEX 2K CO

WITHSTANDS HIGH PRESSURE

COMPACT

CERTIFIED



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HYDROSCAND CROSS OVER FITTINGS

PRODUCT GROUP 420

Hydroscand's Cross Over Fittings are suitable for both spiral and braided hoses. They are recommended for a wide range of fluids such as hydraulic oil, solvents, gases, water cleaning equipment etc.

All fittings are manufactured in one piece except for the compact bend which are brazed.

There are three types of nuts on the Hydroscand fittings, they can be recognised by the different suffixes in their part numbers.

The part number with no suffix

The fitting is delivered with a crimped nut.

The part number with suffix 1

The fitting is delivered with a thrust wire nut.

The part number with suffix 2

The fitting is delivered with a slip-on nut which is kept in place with a plastic washer.

Please note that the working pressure is reduced for hose types DELTAFLEX, GAMMAFLEX and ISOBAR 350 when using 4200 ferrules and inserts.

The following working pressures are recommended:

Hose size		WP
inch	mm	MPa
5/8"	16,0	40,0
3/4"	19,0	38,0
1"	25,0	32,0
1 1/4"	32,0	21,0
1 1/2"	38,0	18,5
2"	50,0	16,5

Working Pressure in MPa

1 MPa = 10 Bar = 145 psi

For heavy duty applications with Deltaflex, Gammaflex and Iso-bar 350, we recommend our Interlock series (4400).

A correct assembly makes a safe unit. Follow the assembly instructions on page 127.

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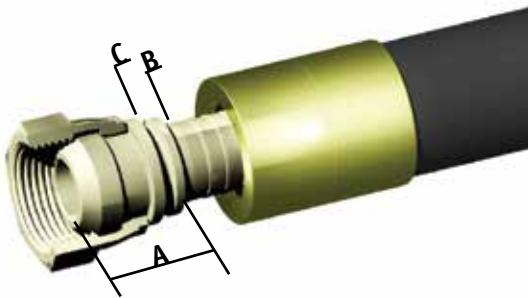
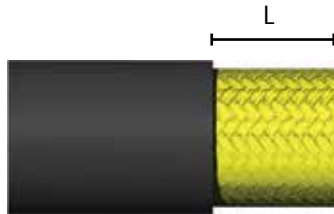
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ASSEMBLY INSTRUCTIONS FOR CROSS OVER FITTINGS



1. Cut the hose transversely. Remember that all fittings have a cut-off length "A".
2. If using a skive ferrule, the hose should be skived to the steel wire. The skiving length "L" is noted in the Swaging Manual. Be careful not to damage the steel wire when skiving. If you are using non-skived ferrules you do not need to skive the hose. Clean the hose end from dirt and particles.
3. Push the ferrule onto the hose until it stops. Lubricate the insert and push it into the hose until the stop "B" meets the hose end. Thereafter, pull out the ferrule towards "C".
4. Swage the ferrule and the fitting according to the required swage diameter "D" (see the Swaging Manual). Use a caliper to check the swage diameter.

5. Make sure that the correct internal collapse (see the Swaging Manual) has been achieved by using the Hydroscand control pin (9015-xx-xx).

The GO part should pass into the fitting to make sure the swaging is not overdone. The STOP part, on the other hand, should not be able to pass to make sure the swaging is not underdone.

The Hydroscand control pins (9015-xx-xx) are equipped with one side applicable for braided hoses (knurled), and one side for spiral hoses (four grooves).

NOTE!

It is important to use hoses and fittings that are adjusted to fit together. Our hoses and fittings have been tested for a perfect fit.



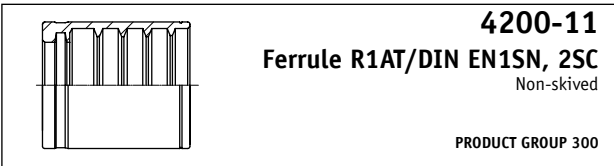
4200-07
Ferrule EN1SC
 Non-skived
 PRODUCT GROUP 300

Part no.	Use with	Hose ID
4200-07-04	EN1SC	1/4"
4200-07-05	EN1SC	5/16"
4200-07-06	EN1SC	3/8"
4200-07-08	EN1SC	1/2"
4200-07-10	EN1SC	5/8"
4200-07-12	EN1SC	3/4"
4200-07-16	EN1SC	1"



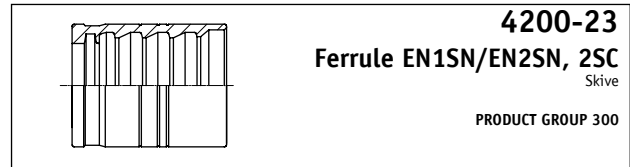
4200-22
Ferrule EN2SN
 Skive
 PRODUCT GROUP 300

Part number	Use with	Hose ID
4200-22-20	EN2SN	1 1/4"
4200-22-24	EN2SN	1 1/2"
4200-22-32	EN2SN	2"



4200-11
Ferrule R1AT/DIN EN1SN, 2SC
 Non-skived
 PRODUCT GROUP 300

Part no.	Use with	Hose ID
4200-11-03	EN1SN, 2SC	3/16"
4200-11-04	EN1SN, 2SC	1/4"
4200-11-05	EN1SN, 2SC	5/16"
4200-11-06	EN1SN, 2SC	3/8"
4200-11-08	EN1SN, 2SC	1/2"
4200-11-10	EN1SN, 2SC	5/8"
4200-11-12	EN1SN, 2SC	3/4"
4200-11-16	EN1SN, 2SC	1"
4200-11-20	EN1SN	1 1/4"
4200-11-24	EN1SN	1 1/2"
4200-11-32	EN1SN	2"



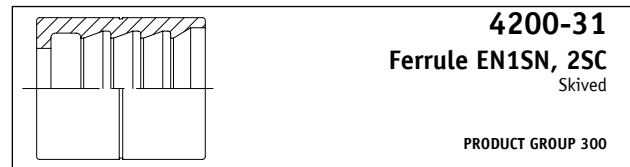
4200-23
Ferrule EN1SN/EN2SN, 2SC
 Skive
 PRODUCT GROUP 300

Part number	Use with	Hose ID
4200-23-03	EN1SN/2SN	3/16"
4200-23-04	EN1SN/2SN/2SC	1/4"
4200-23-05	EN1SN/2SN/2SC	5/16"
4200-23-06	EN1SN/2SN/2SC	3/8"
4200-23-08	EN1SN/2SN/2SC	1/2"
4200-23-10	EN1SN/2SN/2SC	5/8"
4200-23-12	EN1SN/2SN/2SC	3/4"
4200-23-16	EN1SN/2SN/2SC	1"



4200-12
Ferrule EN2SN
 Non-skived
 PRODUCT GROUP 300

Part no.	Use with	Hose ID
4200-12-03	EN2SN	3/16"
4200-12-04	EN2SN	1/4"
4200-12-05	EN2SN	5/16"
4200-12-06	EN2SN	3/8"
4200-12-08	EN2SN	1/2"
4200-12-10	EN2SN	5/8"
4200-12-12	EN2SN	3/4"
4200-12-16	EN2SN	1"
4200-12-20	EN2SN	1 1/4"
4200-12-24	EN2SN	1 1/2"
4200-12-32	EN2SN	2"



4200-31
Ferrule EN1SN, 2SC
 Skived
 PRODUCT GROUP 300

Part no.	Use with	Hose ID
4200-31-03	EN1SN, 2SC	3/16"
4200-31-04	EN1SN, 2SC	1/4"
4200-31-05	EN1SN, 2SC	5/16"
4200-31-06	EN1SN, 2SC	3/8"
4200-31-08	EN1SN, 2SC	1/2"
4200-31-10	EN1SN, 2SC	5/8"
4200-31-12	EN1SN, 2SC	3/4"
4200-31-16	EN1SN, 2SC	1"
4200-31-20	EN1SN, 2SC	1 1/4"
4200-31-24	EN1SN, 2SC	1 1/2"
4200-31-32	EN1SN, 2SC	2"



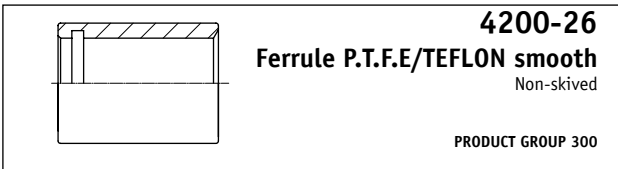
4200-21
Ferrule EN1SN
 Skive
 PRODUCT GROUP 300

Part number	Use with	Hose ID
4200-21-20	EN1SN	1 1/4"
4200-21-24	EN1SN	1 1/2"
4200-21-32	EN1SN	2"

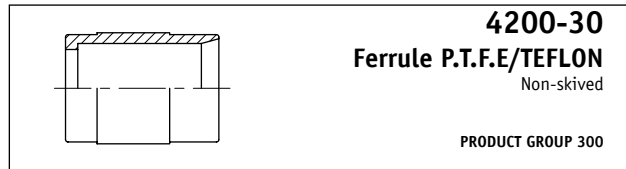


4200-32
Ferrule EN2SN
 Skived
 PRODUCT GROUP 300

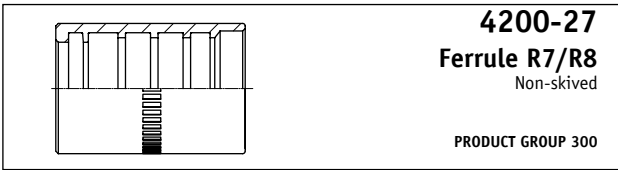
Part no.	Use with	Hose ID
4200-32-03	EN2SN	3/16"
4200-32-04	EN2SN	1/4"
4200-32-05	EN2SN	5/16"
4200-32-06	EN2SN	3/8"
4200-32-08	EN2SN	1/2"
4200-32-10	EN2SN	5/8"
4200-32-12	EN2SN	3/4"
4200-32-16	EN2SN	1"
4200-32-20	EN2SN	1 1/4"
4200-32-24	EN2SN	1 1/2"
4200-32-32	EN2SN	2"



Part no.	Use with	Hose ID
4200-26-03	P.T.F.E. smooth	3/16"
4200-26-04	P.T.F.E. smooth	1/4"
4200-26-05	P.T.F.E. smooth	5/16"
4200-26-06	P.T.F.E. smooth	3/8"
4200-26-08	P.T.F.E. smooth	1/2"
4200-26-10	P.T.F.E. smooth	5/8"
4200-26-12	P.T.F.E. smooth	3/4"
4200-26-16	P.T.F.E. smooth	1"



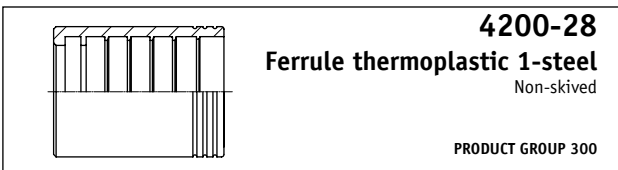
Part no.	Use with	Hose ID
4200-30-04	P.T.F.E. wrapped	1/4"
4200-30-06	P.T.F.E. wrapped	3/8"
4200-30-08	P.T.F.E. wrapped	1/2"
4200-30-10	P.T.F.E. wrapped	5/8"
4200-30-12	P.T.F.E. wrapped	3/4"
4200-30-16	P.T.F.E. wrapped	1"
4200-30-20	P.T.F.E. wrapped	1 1/4"
4200-30-24	P.T.F.E. wrapped	1 1/2"
4200-30-32	P.T.F.E. wrapped	2"



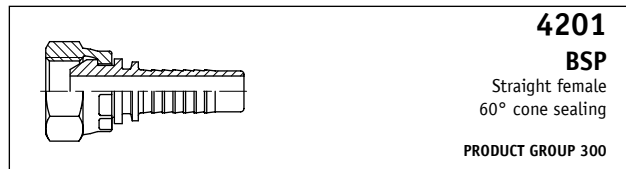
Part no.	Use with	Hose ID
4200-27-03	Termoplastic R7 / R8	3/16"
4200-27-04	Termoplastic R7 / R8	1/4"
4200-27-05	Termoplastic R7 / R8	5/16"
4200-27-06	Termoplastic R7 / R8	3/8"
4200-27-08	Termoplastic R7	1/2"
4200-27-10	Termoplastic R7 / R8	5/8"
4200-27-12	Termoplastic R7	3/4"
4200-27-16	Termoplastic R7	1"



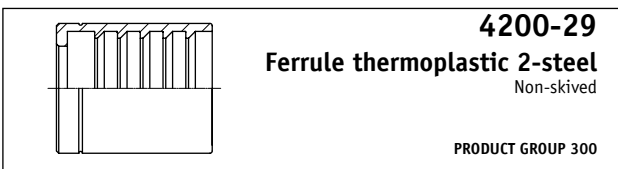
Part no.	Use with	Hose ID
4200-40-04	EN 854 R3	1/4"
4200-40-05	EN 854 R3	5/16"
4200-40-06	EN 854 R3	3/8"
4200-40-08	EN 854 R3	1/2"
4200-40-10	EN 854 R3	5/8"
4200-40-12	EN 854 R3	3/4"
4200-40-16	EN 854 R3	1"
4200-40-20	EN 854 R3	1 1/4"
4200-40-24	EN 854 R3	1 1/2"



Part no.	Use with	Hose ID
4200-28-03	Termoplastic 1W	3/16"
4200-28-04	Termoplastic 1W	1/4"
4200-28-05	Termoplastic 1W	5/16"
4200-28-06	Termoplastic 1W	3/8"
4200-28-08	Termoplastic 1W / R8	1/2"
4200-28-10	Termoplastic 1W	5/8"
4200-28-12	Termoplastic 1W	3/4"
4200-28-16	Termoplastic 1W	1"

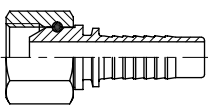


Part no.	Thread	Type	Hose ID
4201-02-03	G 1/8"	FS	3/16"
4201-02-04	G 1/8"	FS	1/4"
4201-04-03	G 1/4"	FS	3/16"
4201-04-04	G 1/4"	FS	1/4"
4201-04-05	G 1/4"	FS	5/16"
4201-04-06	G 1/4"	FS	3/8"
4201-06-04	G 3/8"	FS	1/4"
4201-06-05	G 3/8"	FS	5/16"
4201-06-06	G 3/8"	FS	3/8"
4201-06-08	G 3/8"	FS	1/2"
4201-08-04	G 1/2"	FS	1/4"
4201-08-06	G 1/2"	FS	3/8"
4201-08-08	G 1/2"	FS	1/2"
4201-08-10	G 1/2"	FS	5/8"
4201-08-12	G 1/2"	FS	3/4"
4201-10-08	G 5/8"	FS	1/2"
4201-10-10	G 5/8"	FS	5/8"
4201-12-08	G 3/4"	FS	1/2"
4201-12-10	G 3/4"	FS	5/8"
4201-12-12	G 3/4"	FS	3/4"
4201-12-16	G 3/4"	FS	1"
4201-16-12	G 1"	FS	3/4"
4201-16-16	G 1"	FS	1"
4201-20-20	G 1 1/4"	FS	1 1/4"
4201-24-24	G 1 1/2"	FS	1 1/2"
4201-32-32	G 2"	FS	2"
4201-48-48	G 3"	FS	3"



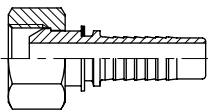
Part no.	Use with	Hose ID
4200-29-04	Termoplastic 2W	1/4"
4200-29-06	Termoplastic 2W	3/8"
4200-29-08	Termoplastic 2W	1/2"
4200-29-12	Termoplastic 2W	3/4"





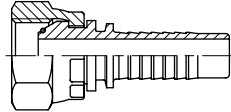
4201~1
BSP
 Straight female
 60° cone sealing
PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4201-02-03-1	G 1/8"	FS	3/16"
4201-02-04-1	G 1/8"	FS	1/4"
4201-04-03-1	G 1/4"	FS	3/16"
4201-04-04-1	G 1/4"	FS	1/4"
4201-04-05-1	G 1/4"	FS	5/16"
4201-04-06-1	G 1/4"	FS	3/8"
4201-06-04-1	G 3/8"	FS	1/4"
4201-06-05-1	G 3/8"	FS	5/16"
4201-06-06-1	G 3/8"	FS	3/8"
4201-06-08-1	G 3/8"	FS	1/2"
4201-08-06-1	G 1/2"	FS	3/8"
4201-08-08-1	G 1/2"	FS	1/2"
4201-08-10-1	G 1/2"	FS	5/8"
4201-08-12-1	G 1/2"	FS	3/4"
4201-10-08-1	G 5/8"	FS	1/2"
4201-10-10-1	G 5/8"	FS	5/8"
4201-12-08-1	G 3/4"	FS	1/2"
4201-12-10-1	G 3/4"	FS	5/8"
4201-12-12-1	G 3/4"	FS	3/4"
4201-16-12-1	G 1"	FS	3/4"
4201-16-16-1	G 1"	FS	1"



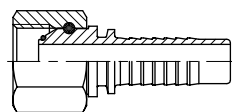
4201~2
BSP
 Straight female
 60° cone sealing
PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4201-04-04-2	G 1/4"	FS	1/4"
4201-06-05-2	G 3/8"	FS	5/16"
4201-06-06-2	G 3/8"	FS	3/8"
4201-08-08-2	G 1/2"	FS	1/2"



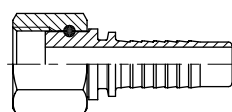
4311
BSP
 Straight female
 60° cone sealing with O-ring
PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4311-04-04	G 1/4"	O FS	1/4"
4311-06-06	G 3/8"	O FS	3/8"
4311-08-08	G 1/2"	O FS	1/2"
4311-10-10	G 5/8"	O FS	5/8"
4311-12-12	G 3/4"	O FS	3/4"
4311-16-16	G 1"	O FS	1"
4311-20-20	G 1 1/4"	O FS	1 1/4"
4311-24-24	G 1 1/2"	O FS	1 1/2"
4311-32-32	G 2"	O FS	2"



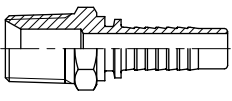
4311~1
BSP
 Straight female
 60° cone sealing with O-ring
PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4311-12-12-1	G 3/4"	O FS	3/4"
4311-16-12-1	G 1"	O FS	3/4"
4311-20-16-1	G 1 1/4"	O FS	1"
4311-20-20-1	G 1 1/4"	O FS	1 1/4"
4311-24-20-1	G 1 1/2"	O FS	1 1/4"
4311-24-24-1	G 1 1/2"	O FS	1 1/2"
4311-32-32-1	G 2"	O FS	2"



4209~1
BSP
 Straight female
 Flat face sealing
PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4209-04-04-1	G 1/4"	FF FS	1/4"
4209-06-04-1	G 3/8"	FF FS	1/4"
4209-06-06-1	G 3/8"	FF FS	3/8"
4209-08-05-1	G 1/2"	FF FS	5/16"
4209-08-06-1	G 1/2"	FF FS	3/8"
4209-08-08-1	G 1/2"	FF FS	1/2"
4209-12-08-1	G 3/4"	FF FS	1/2"
4209-12-12-1	G 3/4"	FF FS	3/4"
4209-16-12-1	G 1"	FF FS	3/4"
4209-16-16-1	G 1"	FF FS	1"
4209-20-20-1	G 1 1/4"	FF FS	1 1/4"

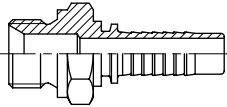


4239
BSPT
 Straight male
 Coned thread sealing
PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4239-02-03	R 1/8"	M	3/16"
4239-02-04	R 1/8"	M	1/4"
4239-04-03	R 1/4"	M	3/16"
4239-04-04	R 1/4"	M	1/4"
4239-04-06	R 1/4"	M	3/8"
4239-06-04	R 3/8"	M	1/4"
4239-06-05	R 3/8"	M	5/16"
4239-06-06	R 3/8"	M	3/8"
4239-06-08	R 3/8"	M	1/2"
4239-08-06	R 1/2"	M	3/8"
4239-08-08	R 1/2"	M	1/2"
4239-12-10	R 3/4"	M	5/8"
4239-12-12	R 3/4"	M	3/4"
4239-16-16	R 1"	M	1"
4239-20-20	R 1 1/4"	M	1 1/4"
4239-24-24	R 1 1/2"	M	1 1/2"
4239-32-32	R 2"	M	2"

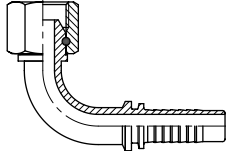
4:2





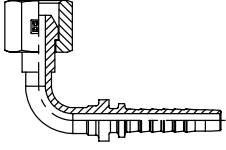
4202
BSP
 Straight male
 60° cone sealing
 PRODUCT GROUP 300

Artikelnr.	Thread	Type	Hose ID
4202-02-03	G 1/8"	M	3/16"
4202-02-04	G 1/8"	M	1/4"
4202-04-03	G 1/4"	M	3/16"
4202-04-04	G 1/4"	M	1/4"
4202-04-05	G 1/4"	M	5/16"
4202-04-06	G 1/4"	M	3/8"
4202-06-04	G 3/8"	M	1/4"
4202-06-05	G 3/8"	M	5/16"
4202-06-06	G 3/8"	M	3/8"
4202-06-08	G 3/8"	M	1/2"
4202-08-04	G 1/2"	M	1/4"
4202-08-05	G 1/2"	M	5/16"
4202-08-06	G 1/2"	M	3/8"
4202-08-08	G 1/2"	M	1/2"
4202-08-10	G 1/2"	M	5/8"
4202-08-12	G 1/2"	M	3/4"
4202-10-08	G 5/8"	M	1/2"
4202-10-10	G 5/8"	M	5/8"
4202-12-08	G 3/4"	M	1/2"
4202-12-10	G 3/4"	M	5/8"
4202-12-12	G 3/4"	M	3/4"
4202-12-16	G 3/4"	M	1"
4202-16-12	G 1"	M	3/4"
4202-16-16	G 1"	M	1"
4202-20-16	G 1 1/4"	M	1"
4202-20-20	G 1 1/4"	M	1 1/4"
4202-24-20	G 1 1/2"	M	1 1/4"
4202-24-24	G 1 1/2"	M	1 1/2"
4202-32-24	G 2"	M	1 1/2"
4202-32-32	G 2"	M	2"
4202-40-40	G 2 1/2"	M	2 1/2"
4202-48-48	G 3"	M	3"



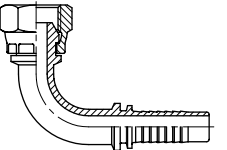
4203~1
BSP
 90° bend female
 60° cone sealing
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4203-02-03-1	G 1/8"	90° FS	3/16"
4203-02-04-1	G 1/8"	90° FS	1/4"
4203-04-03-1	G 1/4"	90° FS	3/16"
4203-04-04-1	G 1/4"	90° FS	1/4"
4203-04-06-1	G 1/4"	90° FS	3/8"
4203-06-04-1	G 3/8"	90° FS	1/4"
4203-06-06-1	G 3/8"	90° FS	3/8"
4203-06-08-1	G 3/8"	90° FS	1/2"
4203-08-06-1	G 1/2"	90° FS	3/8"
4203-08-08-1	G 1/2"	90° FS	1/2"
4203-10-08-1	G 5/8"	90° FS	1/2"
4203-10-10-1	G 5/8"	90° FS	5/8"
4203-12-08-1	G 3/4"	90° FS	1/2"
4203-12-10-1	G 3/4"	90° FS	5/8"
4203-12-12-1	G 3/4"	90° FS	3/4"
4203-16-12-1	G 1"	90° FS	3/4"
4203-16-16-1	G 1"	90° FS	1"



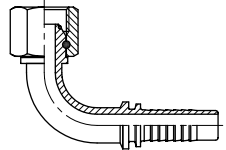
4203-2
BSP
 90° bend female
 60° cone sealing
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4203-04-04-2	G 1/4"	90° FS	1/4"
4203-06-05-2	G 3/8"	90° FS	5/16"
4203-06-06-2	G 3/8"	90° FS	3/8"
4203-08-08-2	G 1/2"	90° FS	1/2"



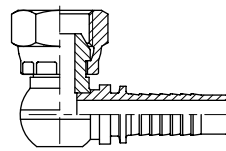
4203
BSP
 90° bend female
 60° cone sealing
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4203-02-03	G 1/8"	90° FS	3/16"
4203-02-04	G 1/8"	90° FS	1/4"
4203-04-03	G 1/4"	90° FS	3/16"
4203-04-04	G 1/4"	90° FS	1/4"
4203-04-06	G 1/4"	90° FS	3/8"
4203-06-04	G 3/8"	90° FS	1/4"
4203-06-05	G 3/8"	90° FS	5/16"
4203-06-06	G 3/8"	90° FS	3/8"
4203-06-08	G 3/8"	90° FS	1/2"
4203-08-06	G 1/2"	90° FS	3/8"
4203-08-08	G 1/2"	90° FS	1/2"
4203-10-08	G 5/8"	90° FS	1/2"
4203-10-10	G 5/8"	90° FS	5/8"
4203-12-08	G 3/4"	90° FS	1/2"
4203-12-10	G 3/4"	90° FS	5/8"
4203-12-12	G 3/4"	90° FS	3/4"
4203-16-12	G 1"	90° FS	3/4"
4203-16-16	G 1"	90° FS	1"
4203-20-20	G 1 1/4"	90° FS	1 1/4"
4203-24-24	G 1 1/2"	90° FS	1 1/2"
4203-32-32	G 2"	90° FS	2"



4313~1
BSP
 90° bend female
 60° cone sealing with O-ring
 PRODUCT GROUP 300

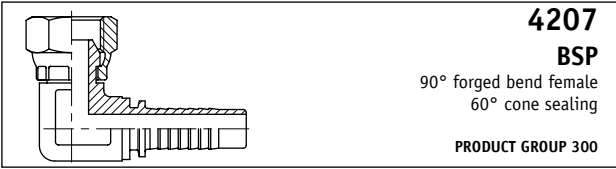
Part no.	Thread	Type	Hose ID
4313-12-12-1	G 3/4"	O 90° FS	3/4"
4313-16-12-1	G 1"	O 90° FS	3/4"
4313-20-20-1	G 1 1/4"	O 90° FS	1 1/4"
4313-24-24-1	G 1 1/2"	O 90° FS	1 1/2"
4313-32-32-1	G 2"	O 90° FS	2"



4205
BSP
 90° compact female
 60° cone sealing
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4205-02-03	G 1/8"	C 90° FS	3/16"
4205-02-04	G 1/8"	C 90° FS	1/4"
4205-04-04	G 1/4"	C 90° FS	1/4"
4205-06-04	G 3/8"	C 90° FS	1/4"
4205-06-05	G 3/8"	C 90° FS	5/16"
4205-06-06	G 3/8"	C 90° FS	3/8"
4205-08-08	G 1/2"	C 90° FS	1/2"
4205-10-10	G 5/8"	C 90° FS	5/8"
4205-12-12	G 3/4"	C 90° FS	3/4"
4205-16-16	G 1"	C 90° FS	1"





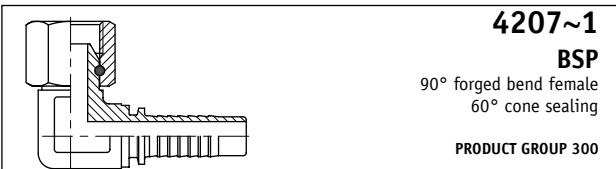
4207

BSP

90° forged bend female
60° cone sealing

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4207-04-04	G 1/4"	Forged 90° FS	1/4"
4207-06-06	G 3/8"	Forged 90° FS	3/8"
4207-08-06	G 3/8"	Forged 90° FS	1/2"
4207-08-08	G 1/2"	Forged 90° FS	1/2"
4207-12-12	G 3/4"	Forged 90° FS	3/4"



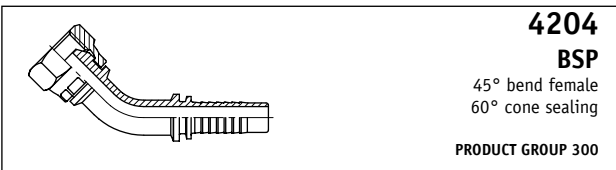
4207~1

BSP

90° forged bend female
60° cone sealing

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4207-04-04-1	G 1/4"	C 90° FS	1/4"
4207-06-04-1	G 3/8"	C 90° FS	1/4"
4207-06-06-1	G 3/8"	C 90° FS	3/8"
4207-08-06-1	G 1/2"	C 90° FS	3/8"
4207-08-08-1	G 1/2"	C 90° FS	1/2"
4207-12-12-1	G 3/4"	C 90° FS	3/4"
4207-16-16-1	G 1"	C 90° FS	1"



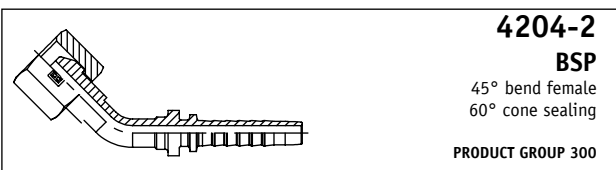
4204

BSP

45° bend female
60° cone sealing

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4204-02-03	G 1/8"	45° FS	3/16"
4204-02-04	G 1/8"	45° FS	1/4"
4204-04-04	G 1/4"	45° FS	1/4"
4204-06-04	G 3/8"	45° FS	1/4"
4204-06-05	G 3/8"	45° FS	5/16"
4204-06-06	G 3/8"	45° FS	3/8"
4204-06-08	G 3/8"	45° FS	1/2"
4204-08-06	G 1/2"	45° FS	3/8"
4204-08-08	G 1/2"	45° FS	1/2"
4204-10-08	G 5/8"	45° FS	1/2"
4204-10-10	G 5/8"	45° FS	5/8"
4204-12-08	G 3/4"	45° FS	1/2"
4204-12-10	G 3/4"	45° FS	5/8"
4204-12-12	G 3/4"	45° FS	3/4"
4204-16-12	G 1"	45° FS	3/4"
4204-16-16	G 1"	45° FS	1"
4204-20-20	G 1 1/4"	45° FS	1 1/4"
4204-24-24	G 1 1/2"	45° FS	1 1/2"
4204-32-32	G 2"	45° FS	2"



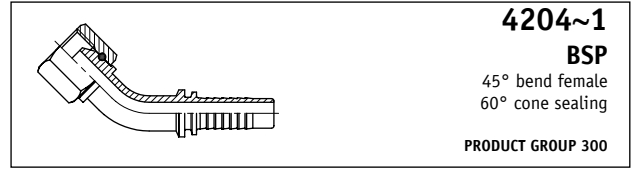
4204-2

BSP

45° bend female
60° cone sealing

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4204-04-04-2	G 1/4"	45° FS	1/4"
4204-06-05-2	G 3/8"	45° FS	5/16"
4204-06-06-2	G 3/8"	45° FS	3/8"
4204-08-08-2	G 1/2"	45° FS	1/2"



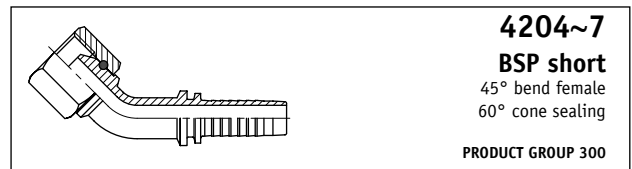
4204~1

BSP

45° bend female
60° cone sealing

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4204-02-03-1	G 1/8"	45° FS	3/16"
4204-02-04-1	G 1/8"	45° FS	1/4"
4204-04-04-1	G 1/4"	45° FS	1/4"
4204-04-06-1	G 1/4"	45° FS	3/8"
4204-06-04-1	G 3/8"	45° FS	1/4"
4204-06-06-1	G 3/8"	45° FS	3/8"
4204-06-08-1	G 3/8"	45° FS	1/2"
4204-08-06-1	G 1/2"	45° FS	3/8"
4204-08-08-1	G 1/2"	45° FS	1/2"
4204-10-08-1	G 5/8"	45° FS	1/2"
4204-10-10-1	G 5/8"	45° FS	5/8"
4204-12-08-1	G 3/4"	45° FS	1/2"
4204-12-10-1	G 3/4"	45° FS	5/8"
4204-12-12-1	G 3/4"	45° FS	3/4"
4204-16-12-1	G 1"	45° FS	3/4"
4204-16-16-1	G 1"	45° FS	1"



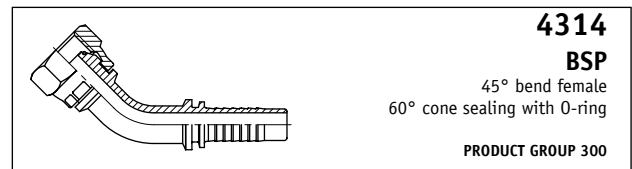
4204~7

BSP short

45° bend female
60° cone sealing

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4204-04-04-7	G 1/4"	Short 45° FS	1/4"
4204-06-06-7	G 3/8"	Short 45° FS	3/8"
4204-08-08-7	G 1/2"	Short 45° FS	1/2"
4204-12-12-7	G 3/4"	Short 45° FS	3/4"
4204-16-16-7	G 1"	Short 45° FS	1"



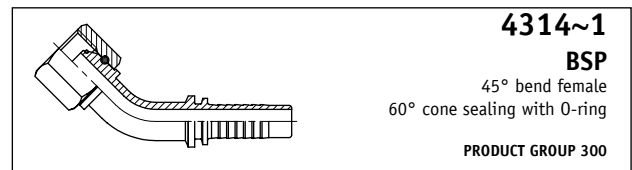
4314

BSP

45° bend female
60° cone sealing with O-ring

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4314-04-04	G 1/4"	O 45° FS	1/4"
4314-06-06	G 3/8"	O 45° FS	3/8"
4314-08-08	G 1/2"	O 45° FS	1/2"
4314-12-12	G 3/4"	O 45° FS	3/4"
4314-16-16	G 1"	O 45° FS	1"
4314-20-20	G 1 1/4"	O 45° FS	1 1/4"
4314-24-24	G 1 1/2"	O 45° FS	1 1/2"
4314-32-32	G 2"	O 45° FS	2"



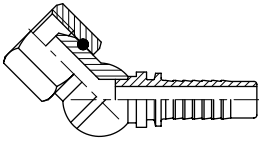
4314~1

BSP

45° bend female
60° cone sealing with O-ring

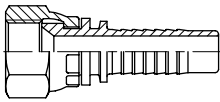
PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4314-20-20-1	G 1 1/4"	O 45° FS	1 1/4"
4314-24-24-1	G 1 1/2"	O 45° FS	1 1/2"
4314-32-32-1	G 2"	O 45° FS	2"



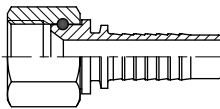
4206~1
BSP
 45° compact female
 60° cone sealing
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4206-04-04-1	G 1/4"	C 45° FS	1/4"
4206-06-06-1	G 3/8"	C 45° FS	3/8"
4206-08-06-1	G 1/2"	C 45° FS	3/8"
4206-08-08-1	G 1/2"	C 45° FS	1/2"
4206-10-10-1	G 5/8"	C 45° FS	5/8"
4206-12-12-1	G 3/4"	C 45° FS	3/4"
4206-16-16-1	G 1"	C 45° FS	1"



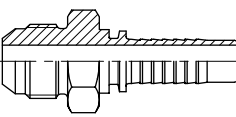
4213
JIC
 Unified-threaded
 Straight female, 74° cone sealing
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4213-07-03	7/16"-20 UNF	JIC FS	3/16"
4213-07-04	7/16"-20 UNF	JIC FS	1/4"
4213-08-03	1/2"-20 UNF	JIC FS	3/16"
4213-08-04	1/2"-20 UNF	JIC FS	1/4"
4213-09-04	9/16"-18 UNF	JIC FS	1/4"
4213-09-05	9/16"-18 UNF	JIC FS	5/16"
4213-09-06	9/16"-18 UNF	JIC FS	3/8"
4213-09-08	9/16"-18 UNF	JIC FS	1/2"
4213-10-06	5/8"-18 UNF	JIC FS	3/8"
4213-12-05	3/4"-16 UNF	JIC FS	5/16"
4213-12-06	3/4"-16 UNF	JIC FS	3/8"
4213-12-08	3/4"-16 UNF	JIC FS	1/2"
4213-14-06	7/8"-14 UNF	JIC FS	3/8"
4213-14-08	7/8"-14 UNF	JIC FS	1/2"
4213-14-10	7/8"-14 UNF	JIC FS	5/8"
4213-17-08	1 1/16"-12 UN	JIC FS	1/2"
4213-17-10	1 1/16"-12 UN	JIC FS	5/8"
4213-17-12	1 1/16"-12 UN	JIC FS	3/4"
4213-17-16	1 1/16"-12 UN	JIC FS	1"
4213-19-12	1 3/16"-12 UN	JIC FS	3/4"
4213-21-12	1 5/16"-12 UN	JIC FS	3/4"
4213-21-16	1 5/16"-12 UN	JIC FS	1"
4213-26-16	1 5/8"-12 UN	JIC FS	1"
4213-26-20	1 5/8"-12 UN	JIC FS	1 1/4"
4213-30-20	1 7/8"-12 UN	JIC FS	1 1/4"
4213-30-24	1 7/8"-12 UN	JIC FS	1 1/2"
4213-40-32	2 1/2"-12 UN	JIC FS	2"



4213~1
JIC
 Unified-threaded
 Straight female, 74° cone sealing
 PRODUCT GROUP 300

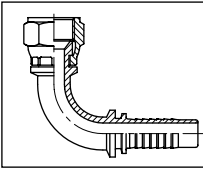
Part no.	Thread	Type	Hose ID
4213-07-03-1	7/16"-20 UNF	JIC FS	3/16"
4213-07-04-1	7/16"-20 UNF	JIC FS	1/4"
4213-08-04-1	1/2"-20 UNF	JIC FS	1/4"
4213-08-05-1	1/2"-20 UNF	JIC FS	5/16"
4213-08-06-1	1/2"-20 UNF	JIC FS	3/8"
4213-09-04-1	9/16"-18 UNF	JIC FS	1/4"
4213-09-05-1	9/16"-18 UNF	JIC FS	5/16"
4213-09-06-1	9/16"-18 UNF	JIC FS	3/8"
4213-09-08-1	9/16"-18 UNF	JIC FS	1/2"
4213-12-06-1	3/4"-16 UNF	JIC FS	3/8"
4213-12-08-1	3/4"-16 UNF	JIC FS	1/2"
4213-14-06-1	7/8"-14 UNF	JIC FS	3/8"
4213-14-08-1	7/8"-14 UNF	JIC FS	1/2"
4213-14-10-1	7/8"-14 UNF	JIC FS	5/8"
4213-17-08-1	1 1/16"-12 UN	JIC FS	1/2"
4213-17-10-1	1 1/16"-12 UN	JIC FS	5/8"
4213-17-12-1	1 1/16"-12 UN	JIC FS	3/4"
4213-17-16-1	1 1/16"-12 UN	JIC FS	1"
4213-19-12-1	1 3/16"-12 UN	JIC FS	3/4"
4213-21-12-1	1 5/16"-12 UN	JIC FS	3/4"
4213-21-16-1	1 5/16"-12 UN	JIC FS	1"
4213-26-16-1	1 5/8"-12 UN	JIC FS	1"
4213-26-20-1	1 5/8"-12 UN	JIC FS	1 1/4"
4213-30-20-1	1 7/8"-12 UN	JIC FS	1 1/4"
4213-30-24-1	1 7/8"-12 UN	JIC FS	1 1/2"
4213-40-32-1	2 1/2"-12 UN	JIC FS	2"



4214
JIC
 Unified-threaded
 Straight male, 74° cone sealing
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4214-07-03	7/16"-20 UNF	JIC M	3/16"
4214-07-04	7/16"-20 UNF	JIC M	1/4"
4214-08-04	1/2"-20 UNF	JIC M	1/4"
4214-08-06	1/2"-20 UNF	JIC M	3/8"
4214-09-04	9/16"-18 UNF	JIC M	1/4"
4214-09-05	9/16"-18 UNF	JIC M	5/16"
4214-09-06	9-16"-18 UNF	JIC M	3/8"
4214-12-05	3/4"-16 UNF	JIC M	5/16"
4214-12-06	3/4"-16 UNF	JIC M	3/8"
4214-12-08	3/4"-16 UNF	JIC M	1/2"
4214-14-06	7/8"-14 UNF	JIC M	3/8"
4214-14-08	7/8"-14 UNF	JIC M	1/2"
4214-14-10	7/8"-14 UNF	JIC M	5/8"
4214-14-12	7/8"-14 UNF	JIC M	3/4"
4214-17-08	1 1/16"-12 UN	JIC M	1/2"
4214-17-10	1 1/16"-12 UN	JIC M	5/8"
4214-17-12	1 1/16"-12 UN	JIC M	3/4"
4214-17-16	1 1/16"-12 UN	JIC M	1"
4214-19-12	1 3/16"-12 UN	JIC M	3/4"
4214-21-12	1 5/16"-12 UN	JIC M	3/4"
4214-21-16	1 5/16"-12 UN	JIC M	1"
4214-26-16	1 5/8"-12 UN	JIC M	1"
4214-26-20	1 5/8"-12 UN	JIC M	1 1/4"
4214-30-24	1 7/8"-12 UN	JIC M	1 1/2"
4214-40-32	2 1/2"-12 UN	JIC M	2"





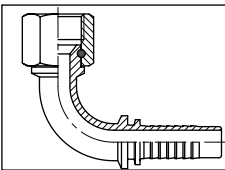
4216

JIC

Unified-threaded
90° bend female, 74° cone sealing

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4216-07-03	7/16"-20 UNF	JIC 90° FS	3/16"
4216-07-04	7/16"-20 UNF	JIC 90° FS	1/4"
4216-08-04	1/2"-20 UNF	JIC 90° FS	1/4"
4216-08-05	1/2"-20 UNF	JIC 90° FS	5/16"
4216-09-04	9/16"-18 UNF	JIC 90° FS	1/4"
4216-09-05	9/16"-18 UNF	JIC 90° FS	5/16"
4216-09-06	9/16"-18 UNF	JIC 90° FS	3/8"
4216-09-08	9/16"-18 UNF	JIC 90° FS	1/2"
4216-10-06	5/8"-18 UNF	JIC 90° FS	3/8"
4216-12-06	3/4"-16 UNF	JIC 90° FS	3/8"
4216-12-08	3/4"-16 UNF	JIC 90° FS	1/2"
4216-14-06	7/8"-14 UNF	JIC 90° FS	3/8"
4216-14-08	7/8"-14 UNF	JIC 90° FS	1/2"
4216-14-10	7/8"-14 UNF	JIC 90° FS	5/8"
4216-17-08	1 1/16"-12 UN	JIC 90° FS	1/2"
4216-17-10	1 1/16"-12 UN	JIC 90° FS	5/8"
4216-17-12	1 1/16"-12 UN	JIC 90° FS	3/4"
4216-17-16	1 1/16"-12 UN	JIC 90° FS	1"
4216-19-12	1 3/16"-12 UN	JIC 90° FS	3/4"
4216-21-12	1 5/16"-12 UN	JIC 90° FS	3/4"
4216-21-16	1 5/16"-12 UN	JIC 90° FS	1"
4216-26-16	1 5/8"-12 UN	JIC 90° FS	1"
4216-26-20	1 5/8"-12 UN	JIC 90° FS	1 1/4"
4216-30-24	1 7/8"-12 UN	JIC 90° FS	1 1/2"
4216-40-32	2 1/2"-12 UN	JIC 90° FS	2"



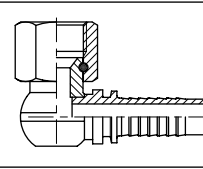
4216~1

JIC

Unified-threaded
90° bend female, 74° cone sealing

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4216-07-03-1	7/16"-20 UNF	JIC 90° FS	3/16"
4216-07-04-1	7/16"-20 UNF	JIC 90° FS	1/4"
4216-08-04-1	1/2"-20 UNF	JIC 90° FS	1/4"
4216-08-05-1	1/2"-20 UNF	JIC 90° FS	5/16"
4216-09-04-1	9/16"-18 UNF	JIC 90° FS	1/4"
4216-09-05-1	9/16"-18 UNF	JIC 90° FS	5/16"
4216-09-06-1	9/16"-18 UNF	JIC 90° FS	3/8"
4216-12-06-1	3/4"-16 UNF	JIC 90° FS	3/8"
4216-12-08-1	3/4"-16 UNF	JIC 90° FS	1/2"
4216-14-06-1	7/8"-14 UNF	JIC 90° FS	3/8"
4216-14-08-1	7/8"-14 UNF	JIC 90° FS	1/2"
4216-14-10-1	7/8"-14 UNF	JIC 90° FS	5/8"
4216-17-08-1	1 1/16"-12 UN	JIC 90° FS	1/2"
4216-17-10-1	1 1/16"-12 UN	JIC 90° FS	5/8"
4216-17-12-1	1 1/16"-12 UN	JIC 90° FS	3/4"
4216-19-12-1	1 3/16"-12 UN	JIC 90° FS	3/4"
4216-21-12-1	1 5/16"-12 UN	JIC 90° FS	3/4"
4216-21-16-1	1 5/16"-12 UN	JIC 90° FS	1"
4216-26-20-1	1 5/8"-12 UN	JIC 90° FS	1 1/4"
4216-30-24-1	1 7/8"-12 UN	JIC 90° FS	1 1/2"
4216-40-32-1	2 1/2"-12 UN	JIC 90° FS	2"

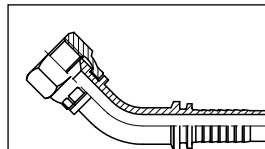


4218 ~1

JIC

Unified-threaded
90° compact female
74° cone sealing
PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4218-07-04-1	7/16"-20 UNF	C JIC 90° FS	1/4"
4218-09-06-1	9/16"-18 UNF	C JIC 90° FS	3/8"
4218-12-08-1	3/4"-16 UNF	C JIC 90° FS	1/2"
4218-14-08-1	7/8"-14 UNF	C JIC 90° FS	1/2"
4218-14-10-1	7/8"-14 UNF	C JIC 90° FS	5/8"
4218-17-12-1	1 1/16"-12 UN	C JIC 90° FS	3/4"
4218-21-16-1	1 5/16"-12 UN	C JIC 90° FS	1"



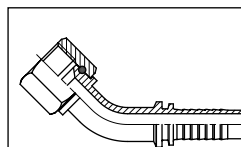
4217

JIC

Unified-threaded
45° bend female, 74° cone sealing

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4217-07-04	7/16"-20 UNF	JIC 45° FS	1/4"
4217-08-04	1/2"-20 UNF	JIC 45° FS	1/4"
4217-09-04	9/16"-18 UNF	JIC 45° FS	1/4"
4217-09-05	9/16"-18 UNF	JIC 45° FS	5/16"
4217-09-06	9/16"-16 UNF	JIC 45° FS	3/8"
4217-09-08	9/16"-18 UNF	JIC 45° FS	1/2"
4217-12-06	3/4"-16 UNF	JIC 45° FS	3/8"
4217-12-08	3/4"-16 UNF	JIC 45° FS	1/2"
4217-14-08	7/8"-14 UNF	JIC 45° FS	1/2"
4217-14-10	7/8"-14 UNF	JIC 45° FS	5/8"
4217-17-08	1 1/16"-12 UN	JIC 45° FS	1/2"
4217-17-10	1 1/16"-12 UN	JIC 45° FS	5/8"
4217-17-12	1 1/16"-12 UN	JIC 45° FS	3/4"
4217-17-16	1 1/6"-12 UN	JIC 45° FS	1"
4217-19-12	1 3/16"-12 UN	JIC 45° FS	3/4"
4217-21-12	1 5/16"-12 UN	JIC 45° FS	3/4"
4217-21-16	1 5/16"-12 UN	JIC 45° FS	1"
4217-26-16	1 5/8"-12 UN	JIC 45° FS	1"
4217-26-20	1 5/8"-12 UN	JIC 45° FS	1 1/4"
4217-30-20	1 7/8"-12 UN	JIC 45° FS	1 1/4"
4217-30-24	1 7/8"-12 UN	JIC 45° FS	1 1/2"
4217-40-32	2 1/2"-12 UN	JIC 45° FS	2"



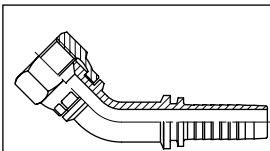
4217 ~1

JIC

Unified-threaded
45° bend female, 74° cone-sealing

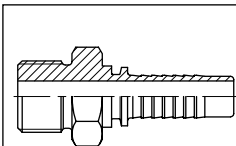
PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4217-07-04-1	7/16"-20 UNF	JIC 45° FS	1/4"
4217-08-04-1	1/2"-20 UNF	JIC 45° FS	1/4"
4217-09-04-1	9/16"-18 UNF	JIC 45° FS	1/4"
4217-09-06-1	9/16"-16 UNF	JIC 45° FS	3/8"
4217-12-06-1	3/4"-16 UNF	JIC 45° FS	3/8"
4217-12-08-1	3/4"-16 UNF	JIC 45° FS	1/2"
4217-14-08-1	7/8"-14 UNF	JIC 45° FS	1/2"
4217-14-10-1	7/8"-14 UNF	JIC 45° FS	5/8"
4217-17-08-1	1 1/16"-12 UN	JIC 45° FS	1/2"
4217-17-10-1	1 1/16"-12 UN	JIC 45° FS	5/8"
4217-17-12-1	1 1/16"-12 UN	JIC 45° FS	3/4"
4217-19-12-1	1 3/16"-12 UN	JIC 45° FS	3/4"
4217-21-12-1	1 5/16"-12 UN	JIC 45° FS	3/4"
4217-21-16-1	1 5/16"-12 UN	JIC 45° FS	1"
4217-26-20-1	1 5/8"-12 UN	JIC 45° FS	1 1/4"
4217-30-24-1	1 7/8"-12 UN	JIC 45° FS	1 1/2"
4217-40-32-1	2 1/2"-12 UN	JIC 45° FS	2"



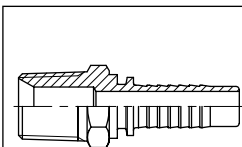
4217~7
JIC short
 Unified-threaded
 45° compact female
 74° cone sealing
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4217-07-04-7	7/16"-20 UNF	JIC 45° FS	1/4"
4217-09-04-7	9/16"-18 UNF	JIC 45° FS	1/4"
4217-12-06-7	3/4"-16 UNF	JIC 45° FS	3/8"
4217-12-08-7	3/4"-16 UNF	JIC 45° FS	1/2"
4217-14-08-7	7/8"-14 UNF	JIC 45° FS	1/2"
4217-17-12-7	1 1/16"-12 UN	JIC 45° FS	3/4"
4217-21-16-7	1 5/16"-12 UN	JIC 45° FS	1"



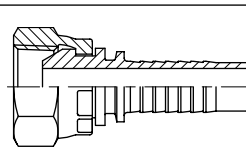
4215
SAE-O
 Unified-threaded
 Straight male, for 0-ring
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4215-07-04	7/16"-20 UNF	SAE-O M	1/4"
4215-09-04	9/16"-18 UNF	SAE-O M	1/4"
4215-09-06	9/16"-18 UNF	SAE-O M	3/8"
4215-12-06	3/4"-16 UNF	SAE-O M	3/8"
4215-12-08	3/4"-16 UNF	SAE-O M	1/2"
4215-14-08	7/8"-14 UNF	SAE-O M	1/2"
4215-14-10	7/8"-14 UNF	SAE-O M	5/8"
4215-17-10	1 1/16"-12 UN	SAE-O M	5/8"
4215-17-12	1 1/16"-12 UN	SAE-O M	3/4"
4215-21-12	1 5/16"-12 UN	SAE-O M	3/4"
4215-21-16	1 5/16"-12 UN	SAE-O M	1"



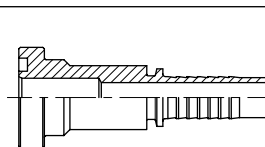
4240
NPTF
 Straight male
 60° cone sealing
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4240-02-03	1/8"-27 NPTF	M	3/16"
4240-02-04	1/8"-27 NPTF	M	1/4"
4240-04-03	1/4"-18 NPTF	M	3/16"
4240-04-04	1/4"-18 NPTF	M	1/4"
4240-04-05	1/4"-18 NPTF	M	5/16"
4240-04-06	1/4"-18 NPTF	M	3/8"
4240-06-04	3/8"-18 NPTF	M	1/4"
4240-06-05	3/8"-18 NPTF	M	5/16"
4240-06-06	3/8"-18 NPTF	M	3/8"
4240-06-08	3/8"-18 NPTF	M	1/2"
4240-08-05	1/2"-14 NPTF	M	5/16"
4240-08-06	1/2"-14 NPTF	M	3/8"
4240-08-08	1/2"-14 NPTF	M	1/2"
4240-08-10	1/2"-14 NPTF	M	5/8"
4240-12-08	3/4"-14 NPTF	M	1/2"
4240-12-10	3/4"-14 NPTF	M	5/8"
4240-12-12	3/4"-14 NPTF	M	3/4"
4240-12-16	3/4"-14 NPTF	M	1"
4240-16-12	1"-11 1/2 NPTF	M	3/4"
4240-16-16	1"-11 1/2 NPTF	M	1"
4240-20-16	1 1/4"-11 1/2 NPTF	M	1"
4240-20-20	1 1/4"-11 1/2 NPTF	M	1 1/4"
4240-24-24	1 1/2"-11 1/2 NPTF	M	1 1/2"
4240-32-32	2"-11 1/2 NPTF	M	2"



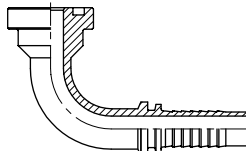
4241
NPSM
 Straight female
 60° cone sealing
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4241-04-03	1/4"-18 NPSM	FS	3/16"
4241-04-04	1/4"-18 NPSM	FS	1/4"
4241-06-06	3/8"-18 NPSM	FS	3/8"
4241-08-08	1/2"-14 NPSM	FS	1/2"



4243
Straight SAE J518 flange
 Code 61
 Flange size 5/8" komatsu
 PRODUCT GROUP 300

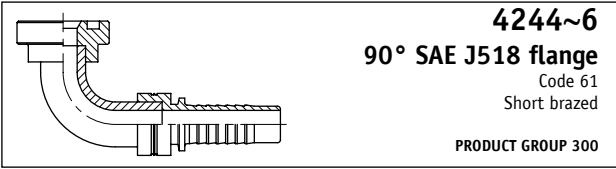
Part no.	Flange size	Type	Hose ID
4243-08-08	1/2"	SAE3	1/2"
4243-08-10	1/2"	SAE3	5/8"
4243-08-12	1/2"	SAE3	3/4"
4243-10-08	5/8"	SAE3	1/2"
4243-10-10	5/8"	SAE3	5/8"
4243-12-08	3/4"	SAE3	1/2"
4243-12-10	3/4"	SAE3	5/8"
4243-12-12	3/4"	SAE3	3/4"
4243-12-16	3/4"	SAE3	1"
4243-16-12	1"	SAE3	3/4"
4243-16-16	1"	SAE3	1"
4243-16-20	1"	SAE3	1 1/4"
4243-20-16	1 1/4"	SAE3	1"
4243-20-20	1 1/4"	SAE3	1 1/4"
4243-24-20	1 1/2"	SAE3	1 1/4"
4243-24-24	1 1/2"	SAE3	1 1/2"
4243-24-32	1 1/2"	SAE3	2"
4243-32-24	2"	SAE3	1 1/2"
4243-32-32	2"	SAE3	2"
4243-40-32	2 1/2"	SAE3	2"
4243-40-40	2 1/2"	SAE3	2 1/2"
4243-48-48	3"	SAE3	3"



4244
90° SAE J518 flange
 Code 61
 Flange size 5/8" komatsu
 PRODUCT GROUP 300

Part no.	Flange size	Type	Hose ID
4244-08-08	1/2"	SAE3 90°	1/2"
4244-08-10	1/2"	SAE3 90°	5/8"
4244-08-12	1/2"	SAE3 90°	3/4"
4244-10-08	5/8"	SAE3 90°	1/2"
4244-10-10	5/8"	SAE3 90°	5/8"
4244-12-08	3/4"	SAE3 90°	1/2"
4244-12-10	3/4"	SAE3 90°	5/8"
4244-12-12	3/4"	SAE3 90°	3/4"
4244-12-16	3/4"	SAE3 90°	1"
4244-16-12	1"	SAE3 90°	3/4"
4244-16-16	1"	SAE3 90°	1"
4244-16-20	1"	SAE3 90°	1 1/4"
4244-20-16	1 1/4"	SAE3 90°	1"
4244-20-20	1 1/4"	SAE3 90°	1 1/4"
4244-20-24	1 1/4"	SAE3 90°	1 1/2"
4244-24-20	1 1/2"	SAE3 90°	1 1/4"
4244-24-24	1 1/2"	SAE3 90°	1 1/2"
4244-32-24	2"	SAE3 90°	1 1/2"
4244-32-32	2"	SAE3 90°	2"
4244-40-32	2 1/2"	SAE3 90°	2"
4244-40-40	2 1/2"	SAE3 90°	2 1/2"
4244-48-48	3"	SAE3 90°	3"

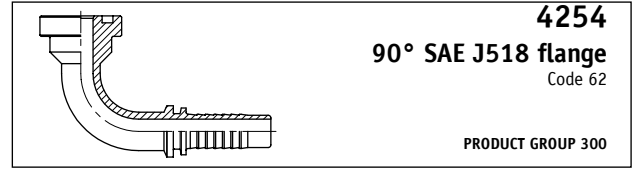




4244~6
90° SAE J518 flange
 Code 61
 Short brazed

PRODUCT GROUP 300

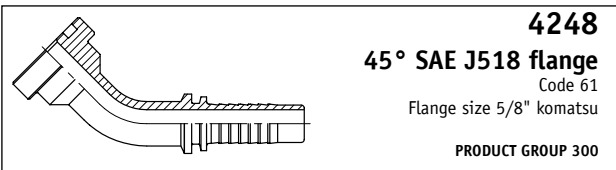
Part no.	Flange size	Type	Hose ID
4244-12-08-6	3/4"	SAE3 90°	1/2"
4244-12-12-6	3/4"	SAE3 90°	3/4"
4244-16-12-6	1"	SAE3 90°	3/4"
4244-16-16-6	1"	SAE3 90°	1"
4244-16-20-6	1"	SAE3 90°	1 1/4"
4244-16-24-6	1"	SAE3 90°	1 1/2"
4244-20-16-6	1 1/4"	SAE3 90°	1"
4244-20-20-6	1 1/4"	SAE3 90°	1 1/4"
4244-20-24-6	1 1/4"	SAE3 90°	1 1/2"
4244-24-20-6	1 1/2"	SAE3 90°	1 1/4"
4244-24-24-6	1 1/2"	SAE3 90°	1 1/2"
4244-32-24-6	2"	SAE3 90°	1 1/2"
4244-32-32-6	2"	SAE3 90°	2"



4254
90° SAE J518 flange
 Code 62

PRODUCT GROUP 300

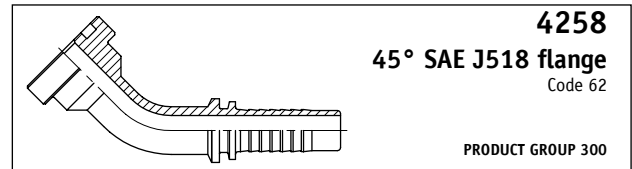
Part no.	Flange size	Type	Hose ID
4254-08-08	1/2"	SAE6 90°	1/2"
4254-08-10	1/2"	SAE6 90°	5/8"
4254-08-12	1/2"	SAE6 90°	3/4"
4254-12-08	3/4"	SAE6 90°	1/2"
4254-12-10	3/4"	SAE6 90°	5/8"
4254-12-12	3/4"	SAE6 90°	3/4"
4254-12-16	3/4"	SAE6 90°	1"
4254-16-12	1"	SAE6 90°	3/4"
4254-16-16	1"	SAE6 90°	1"
4254-16-20	1"	SAE6 90°	1 1/4"
4254-20-16	1 1/4"	SAE6 90°	1"
4254-20-20	1 1/4"	SAE6 90°	1 1/4"
4254-24-20	1 1/2"	SAE6 90°	1 1/4"
4254-24-24	1 1/2"	SAE6 90°	1 1/2"
4254-32-24	2"	SAE6 90°	1 1/2"
4254-32-32	2"	SAE6 90°	2"



4248
45° SAE J518 flange
 Code 61
 Flange size 5/8" komatsu

PRODUCT GROUP 300

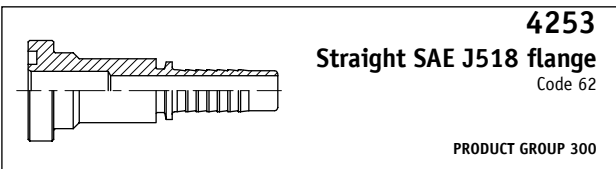
Part no.	Flange size	Type	Hose ID
4248-08-08	1/2"	SAE3 45°	1/2"
4248-08-10	1/2"	SAE3 45°	5/8"
4248-08-12	1/2"	SAE3 45°	3/4"
4248-10-10	5/8"	SAE3 45°	5/8"
4248-12-08	3/4"	SAE3 45°	1/2"
4248-12-10	3/4"	SAE3 45°	5/8"
4248-12-12	3/4"	SAE3 45°	3/4"
4248-12-16	3/4"	SAE3 45°	1"
4248-16-12	1"	SAE3 45°	3/4"
4248-16-16	1"	SAE3 45°	1"
4248-16-20	1"	SAE3 45°	1 1/4"
4248-20-16	1 1/4"	SAE3 45°	1"
4248-20-20	1 1/4"	SAE3 45°	1 1/4"
4248-20-24	1 1/4"	SAE3 45°	1 1/2"
4248-24-20	1 1/2"	SAE3 45°	1 1/4"
4248-24-24	1 1/2"	SAE3 45°	1 1/2"
4248-32-24	2"	SAE3 45°	1 1/2"
4248-32-32	2"	SAE3 45°	2"
4248-40-32	2 1/2"	SAE3 45°	2"



4258
45° SAE J518 flange
 Code 62

PRODUCT GROUP 300

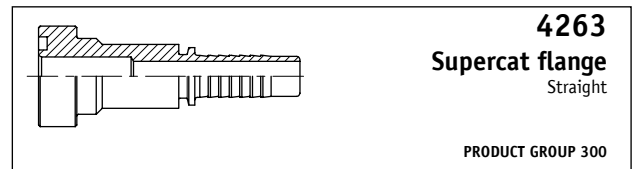
Part no.	Flange size	Type	Hose ID
4258-08-08	1/2"	SAE6 45°	1/2"
4258-08-10	1/2"	SAE6 45°	5/8"
4258-08-12	1/2"	SAE6 45°	3/4"
4258-12-08	3/4"	SAE6 45°	1/2"
4258-12-10	3/4"	SAE6 45°	5/8"
4258-12-12	3/4"	SAE6 45°	3/4"
4258-12-16	3/4"	SAE6 45°	1"
4258-16-12	1"	SAE6 45°	3/4"
4258-16-16	1"	SAE6 45°	1"
4258-16-20	1"	SAE6 45°	1 1/4"
4258-20-16	1 1/4"	SAE6 45°	1"
4258-20-20	1 1/4"	SAE6 45°	1 1/4"
4258-24-20	1 1/2"	SAE6 45°	1 1/4"
4258-24-24	1 1/2"	SAE6 45°	1 1/2"
4258-32-24	2"	SAE6 45°	1 1/2"
4258-32-32	2"	SAE6 45°	2"



4253
Straight SAE J518 flange
 Code 62

PRODUCT GROUP 300

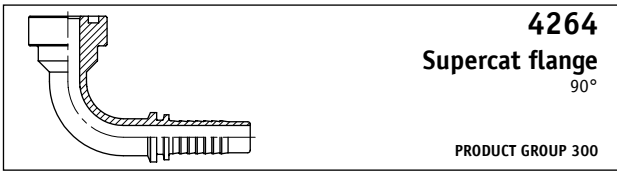
Part no.	Flange size	Type	Hose ID
4253-08-08	1/2"	SAE6	1/2"
4253-08-10	1/2"	SAE6	5/8"
4253-08-12	1/2"	SAE6	3/4"
4253-12-08	3/4"	SAE6	1/2"
4253-12-10	3/4"	SAE6	5/8"
4253-12-12	3/4"	SAE6	3/4"
4253-12-16	3/4"	SAE6	1"
4253-16-12	1"	SAE6	3/4"
4253-16-16	1"	SAE6	1"
4253-16-20	1"	SAE6	1 1/4"
4253-20-16	1 1/4"	SAE6	1"
4253-20-20	1 1/4"	SAE6	1 1/4"
4253-24-20	1 1/2"	SAE6	1 1/4"
4253-24-24	1 1/2"	SAE6	1 1/2"
4253-32-24	2"	SAE6	1 1/2"



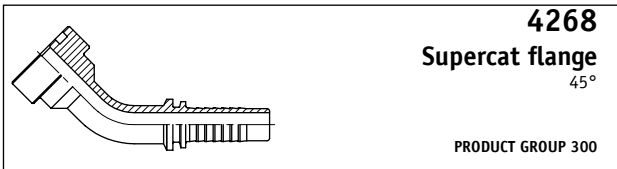
4263
Supercat flange
 Straight

PRODUCT GROUP 300

Part no.	Flange size	Type	Hose ID
4263-12-12	3/4"	SC	3/4"
4263-16-12	1"	SC	3/4"
4263-16-16	1"	SC	1"
4263-20-16	1 1/4"	SC	1"
4263-20-20	1 1/4"	SC	1 1/4"
4263-24-24	1 1/2"	SC	1 1/2"



Part no.	Flange size	Type	Hose ID
4264-12-12	3/4"	SC 90°	3/4"
4264-16-12	1"	SC 90°	3/4"
4264-16-16	1"	SC 90°	1"
4264-20-16	1 1/4"	SC 90°	1"
4264-20-20	1 1/4"	SC 90°	1 1/4"
4264-24-24	1 1/2"	SC 90°	1 1/2"



Part no.	Flange size	Type	Hose ID
4268-12-12	3/4"	SC 45°	3/4"
4268-16-12	1"	SC 45°	3/4"
4268-16-16	1"	SC 45°	1"
4268-20-20	1 1/4"	SC 45°	1 1/4"
4268-24-24	1 1/2"	SC 45°	1 1/2"
4268-40-40	2 1/2"	SC 45°	2 1/2"
4268-48-48	3"	SC 45°	3"

TECHNICAL INFORMATION ACCORDING TO SAE J518 CODE 61

Flange	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
WP MPa	34,5	34,5	34,5	27,6	20,7	20,7	17,2	13,8
PSI	5000	5000	5000	4000	3000	3000	2500	2000
DIA	30,2	38,1	44,5	50,8	60,3	71,4	84,1	101,6

TECHNICAL INFORMATION ACCORDING TO SAE J518 CODE 62

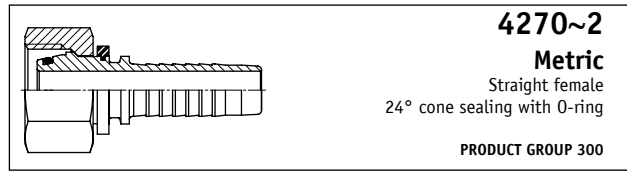
Flange	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"		
WP MPa	41,4	41,4	41,4	41,4	41,4	41,4		
PSI	6000	6000	6000	6000	6000	6000		
DIA	31,8	41,3	47,6	53,9	63,5	79,4		

TECHNICAL INFORMATION SUPERCAT

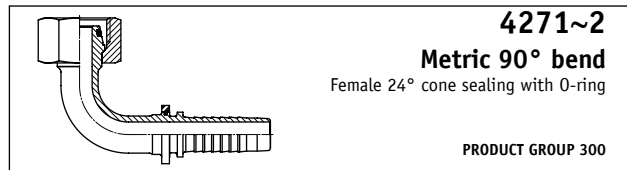
Flange	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
WP MPa	41,4	41,4	41,4	41,4	41,4	41,4
DIA	31,8	41,3	47,6	53,9	63,5	79,4

TECHNICAL INFORMATION KOMATSU

Flange	5/8"					
WP MPa	34,5					
DIA	34,2					

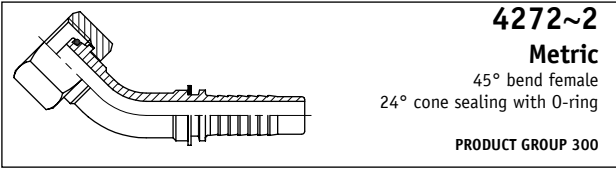


Part no.	Thread	Pipe	Type	Hose ID
4270-06-03-2	M 12 x 1.5	6 mm	DKLO	3/16"
4270-06-04	M 12 x 1.5	6 mm	DKLO	1/4"
4270-08-03-2	M 14 x 1.5	8 mm	DKLO	3/16"
4270-08-04-2	M 14 x 1.5	8 mm	DKLO	1/4"
4270-10-04-2	M 16 x 1.5	10 mm	DKLO	1/4"
4270-10-05-2	M 16 x 1.5	10 mm	DKLO	5/16"
4270-10-06	M 16 x 1.5	10 mm	DKLO	3/8"
4270-12-04-2	M 18 x 1.5	12 mm	DKLO	1/4"
4270-12-05-2	M 18 x 1.5	12 mm	DKLO	5/16"
4270-12-06-2	M 18 x 1.5	12 mm	DKLO	3/8"
4270-12-08	M 18 x 1.5	12 mm	DKLO	1/2"
4270-15-06-2	M 22 x 1.5	15 mm	DKLO	3/8"
4270-15-08-2	M 22 x 1.5	15 mm	DKLO	1/2"
4270-18-08-2	M 26 x 1.5	18 mm	DKLO	1/2"
4270-18-10-2	M 26 x 1.5	18 mm	DKLO	5/8"
4270-18-12	M 26 x 1.5	18 mm	DKLO	3/4"
4270-22-10-2	M 30 x 2.0	22 mm	DKLO	5/8"
4270-22-12-2	M 30 x 2.0	22 mm	DKLO	3/4"
4270-28-12	M 36 x 2.0	28 mm	DKLO	3/4"
4270-28-16-2	M 36 x 2.0	28 mm	DKLO	1"
4270-35-20-2	M 45 x 2.0	35 mm	DKLO	1 1/4"
4270-42-24-2	M 52 x 2.0	42 mm	DKLO	1 1/2"



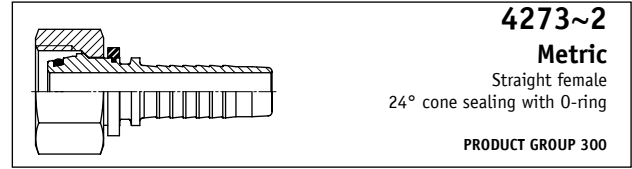
Part no.	Thread	Pipe	Type	Hose ID
4271-06-03-2	M 12 x 1.5	6 mm	DKLO 90°	3/16"
4271-06-04	M 12 x 1.5	6 mm	DKLO 90°	1/4"
4271-08-03-2	M 14 x 1.5	8 mm	DKLO 90°	3/16"
4271-08-04-2	M 14 x 1.5	8 mm	DKLO 90°	1/4"
4271-10-04-2	M 16 x 1.5	10 mm	DKLO 90°	1/4"
4271-10-05-2	M 16 x 1.5	10 mm	DKLO 90°	5/16"
4271-10-06	M 16 x 1.5	10 mm	DKLO 90°	3/8"
4271-12-04-2	M 18 x 1.5	12 mm	DKLO 90°	1/4"
4271-12-05-2	M 18 x 1.5	12 mm	DKLO 90°	5/16"
4271-12-06-2	M 18 x 1.5	12 mm	DKLO 90°	3/8"
4271-15-06-2	M 22 x 1.5	15 mm	DKLO 90°	3/8"
4271-15-08-2	M 22 x 1.5	15 mm	DKLO 90°	1/2"
4271-18-08-2	M 26 x 1.5	18 mm	DKLO 90°	1/2"
4271-18-10-2	M 26 x 1.5	18 mm	DKLO 90°	5/8"
4271-18-12	M 26 x 1.5	18 mm	DKLO 90°	3/4"
4271-22-10-2	M 30 x 2.0	22 mm	DKLO 90°	5/8"
4271-22-12-2	M 30 x 2.0	22 mm	DKLO 90°	3/4"
4271-28-16-2	M 36 x 2.0	28 mm	DKLO 90°	1"
4271-35-20-2	M 45 x 2.0	35 mm	DKLO 90°	1 1/4"
4271-42-24-2	M 52 x 2.0	42 mm	DKLO 90°	1 1/2"





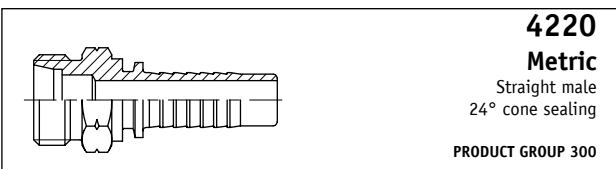
4272~2
Metric
45° bend female
24° cone sealing with O-ring
PRODUCT GROUP 300

Part no.	Thread	Pipe	Type	Hose ID
4272-06-03-2	M 12 x 1.5	6 mm	DKLO 45°	3/16"
4272-06-04	M 12 x 1.5	6 mm	DKLO 45°	1/4"
4272-08-03-2	M 14 x 1.5	8 mm	DKLO 45°	3/16"
4272-08-04-2	M 14 x 1.5	8 mm	DKLO 45°	1/4"
4272-10-04-2	M 16 x 1.5	10 mm	DKLO 45°	1/4"
4272-10-05-2	M 16 x 1.5	10 mm	DKLO 45°	5/16"
4272-10-06	M 16 x 1.5	10 mm	DKLO 45°	3/8"
4272-12-04-2	M 18 x 1.5	12 mm	DKLO 45°	1/4"
4272-12-05-2	M 18 x 1.5	12 mm	DKLO 45°	5/16"
4272-12-06-2	M 18 x 1.5	12 mm	DKLO 45°	3/8"
4272-15-06-2	M 22 x 1.5	15 mm	DKLO 45°	3/8"
4272-15-08-2	M 22 x 1.5	15 mm	DKLO 45°	1/2"
4272-18-08-2	M 26 x 1.5	18 mm	DKLO 45°	1/2"
4272-18-10-2	M 26 x 1.5	18 mm	DKLO 45°	5/8"
4272-18-12	M 26 x 1.5	18 mm	DKLO 45°	3/4"
4272-22-10-2	M 30 x 2.0	22 mm	DKLO 45°	5/8"
4272-22-12-2	M 30 x 2.0	22 mm	DKLO 45°	3/4"
4272-28-16-2	M 36 x 2.0	28 mm	DKLO 45°	1"
4272-35-20-2	M 45 x 2.0	35 mm	DKLO 45°	1 1/4"
4272-42-24-2	M 52 x 2.0	42 mm	DKLO 45°	1 1/2"



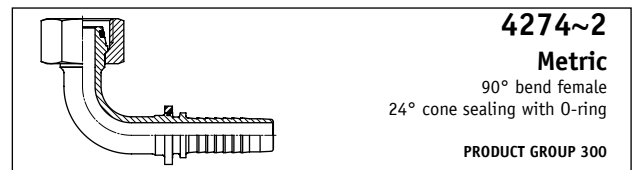
4273~2
Metric
Straight female
24° cone sealing with O-ring
PRODUCT GROUP 300

Part no.	Thread	Pipe	Type	Hose ID
4273-06-03-2	M 14 x 1.5	6 mm	DKSO	3/16"
4273-06-04	M 14 x 1.5	6 mm	DKSO	1/4"
4273-08-03-2	M 16 x 1.5	8 mm	DKSO	3/16"
4273-08-04-2	M 16 x 1.5	8 mm	DKSO	1/4"
4273-10-04-2	M 18 x 1.5	10 mm	DKSO	1/4"
4273-10-05-2	M 18 x 1.5	10 mm	DKSO	5/16"
4273-10-06	M 18 x 1.5	10 mm	DKSO	3/8"
4273-12-04-2	M 20 x 1.5	12 mm	DKSO	1/4"
4273-12-05-2	M 20 x 1.5	12 mm	DKSO	5/16"
4273-12-06-2	M 20 x 1.5	12 mm	DKSO	3/8"
4273-14-06-2	M 22 x 1.5	14 mm	DKSO	3/8"
4273-14-08-2	M 22 x 1.5	14 mm	DKSO	1/2"
4273-16-08-2	M 24 x 1.5	16 mm	DKSO	1/2"
4273-20-08-2	M 30 x 2.0	20 mm	DKSO	1/2"
4273-20-10-2	M 30 x 2.0	20 mm	DKSO	5/8"
4273-20-12-2	M 30 x 2.0	20 mm	DKSO	3/4"
4273-25-12-2	M 36 x 2.0	25 mm	DKSO	3/4"
4273-25-16-2	M 36 x 2.0	25 mm	DKSO	1"
4273-30-16-2	M 42 x 2.0	30 mm	DKSO	1"
4273-30-20-2	M 42 x 2.0	30 mm	DKSO	1 1/4"
4273-38-20-2	M 52 x 2.0	38 mm	DKSO	1 1/4"
4273-38-24-2	M 52 x 2.0	38 mm	DKSO	1 1/2"



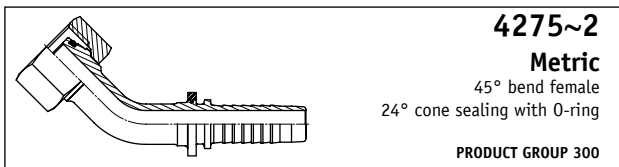
4220
Metric
Straight male
24° cone sealing
PRODUCT GROUP 300

Part no.	Thread	Pipe	Type	Hose ID
4220-12-03	M 12 x 1.5	6 mm	SKL	3/16"
4220-12-04	M 12 x 1.5	6 mm	SKL	1/4"
4220-14-03	M 14 x 1.5	8 mm	SKL	3/16"
4220-14-04	M 14 x 1.5	8 mm	SKL	1/4"
4220-16-04	M 16 x 1.5	10 mm	SKL	1/4"
4220-16-05	M 16 x 1.5	10 mm	SKL	5/16"
4220-16-06	M 16 x 1.5	10 mm	SKL	3/8"
4220-18-04	M 18 x 1.5	12 mm	SKL	1/4"
4220-18-05	M 18 x 1.5	12 mm	SKL	5/16"
4220-18-06	M 18 x 1.5	12 mm	SKL	3/8"
4220-22-06	M 22 x 1.5	15 mm	SKL	3/8"
4220-22-08	M 22 x 1.5	15 mm	SKL	1/2"
4220-26-08	M 26 x 1.5	18 mm	SKL	1/2"
4220-26-10	M 26 x 1.5	18 mm	SKL	5/8"
4220-26-12	M 26 x 1.5	18 mm	SKL	3/4"
4220-30-10	M 30 x 2.0	22 mm	SKL	5/8"
4220-30-12	M 30 x 2.0	22 mm	SKL	3/4"
4220-36-16	M 36 x 2.0	28 mm	SKL	1"
4220-45-20	M 45 x 2.0	35 mm	SKL	1 1/4"
4220-52-24	M 52 x 2.0	42 mm	SKL	1 1/2"



4274~2
Metric
90° bend female
24° cone sealing with O-ring
PRODUCT GROUP 300

Part no.	Thread	Pipe	Type	Hose ID
4274-06-03-2	M 14 x 1.5	6 mm	DKSO 90°	3/16"
4274-06-04	M 14 x 1.5	6 mm	DKSO 90°	1/4"
4274-08-03-2	M 16 x 1.5	8 mm	DKSO 90°	3/16"
4274-08-04-2	M 16 x 1.5	8 mm	DKSO 90°	1/4"
4274-10-04-2	M 18 x 1.5	10 mm	DKSO 90°	1/4"
4274-10-05-2	M 18 x 1.5	10 mm	DKSO 90°	5/16"
4274-10-06	M 18 x 1.5	10 mm	DKSO 90°	3/8"
4274-12-04-2	M 20 x 1.5	12 mm	DKSO 90°	1/4"
4274-12-05-2	M 20 x 1.5	12 mm	DKSO 90°	5/16"
4274-12-06-2	M 20 x 1.5	12 mm	DKSO 90°	3/8"
4274-14-06-2	M 22 x 1.5	14 mm	DKSO 90°	3/8"
4274-14-08-2	M 22 x 1.5	14 mm	DKSO 90°	1/2"
4274-16-08-2	M 24 x 1.5	16 mm	DKSO 90°	1/2"
4274-20-10-2	M 30 x 2.0	20 mm	DKSO 90°	5/8"
4274-20-12-2	M 30 x 2.0	20 mm	DKSO 90°	3/4"
4274-25-12-2	M 36 x 2.0	25 mm	DKSO 90°	3/4"
4274-25-16-2	M 36 x 2.0	25 mm	DKSO 90°	1"
4274-30-16-2	M 42 x 2.0	30 mm	DKSO 90°	1"
4274-30-20-2	M 42 x 2.0	30 mm	DKSO 90°	1 1/4"
4274-38-20-2	M 52 x 2.0	38 mm	DKSO 90°	1 1/4"
4274-38-24-2	M 52 x 2.0	38 mm	DKSO 90°	1 1/2"



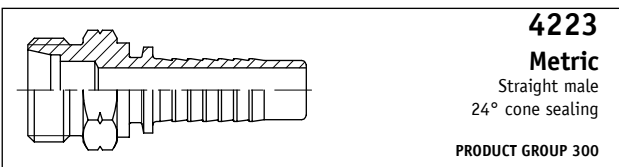
4275~2

Metric

45° bend female
24° cone sealing with O-ring

PRODUCT GROUP 300

Part no.	Thread	Pipe	Type	Hose ID
4275-06-03-2	M 14 x 1.5	6 mm	DKSO 45°	3/16"
4275-06-04	M 14 x 1.5	6 mm	DKSO 45°	1/4"
4275-08-03-2	M 16 x 1.5	8 mm	DKSO 45°	3/16"
4275-08-04-2	M 16 x 1.5	8 mm	DKSO 45°	1/4"
4275-10-04-2	M 18 x 1.5	10 mm	DKSO 45°	1/4"
4275-10-05-2	M 18 x 1.5	10 mm	DKSO 45°	5/16"
4275-10-06	M 18 x 1.5	10 mm	DKSO 45°	3/8"
4275-12-04-2	M 20 x 1.5	12 mm	DKSO 45°	1/4"
4275-12-05-2	M 20 x 1.5	12 mm	DKSO 45°	5/16"
4275-12-06-2	M 20 x 1.5	12 mm	DKSO 45°	3/8"
4275-14-06-2	M 22 x 1.5	14 mm	DKSO 45°	3/8"
4275-14-08-2	M 22 x 1.5	14 mm	DKSO 45°	1/2"
4275-16-08-2	M 24 x 1.5	16 mm	DKSO 45°	1/2"
4275-20-10-2	M 30 x 2.0	20 mm	DKSO 45°	5/8"
4275-20-12-2	M 30 x 2.0	20 mm	DKSO 45°	3/4"
4275-25-12-2	M 36 x 2.0	25 mm	DKSO 45°	3/4"
4275-25-16-2	M 36 x 2.0	25 mm	DKSO 45°	1"
4275-30-16-2	M 42 x 2.0	30 mm	DKSO 45°	1"
4275-30-20-2	M 42 x 2.0	30 mm	DKSO 45°	1 1/4"
4275-38-20-2	M 52 x 2.0	38 mm	DKSO 45°	1 1/4"
4275-38-24-2	M 52 x 2.0	38 mm	DKSO 45°	1 1/2"



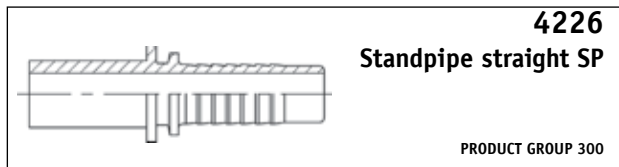
4223

Metric

Straight male
24° cone sealing

PRODUCT GROUP 300

Part no.	Thread	Pipe	Type	Hose ID
4223-14-03	M 14 x 1,5	6 mm	SKS	3/16"
4223-14-04	M 14 x 1,5	6 mm	SKS	1/4"
4223-16-03	M 16 x 1,5	8 mm	SKS	3/16"
4223-16-04	M 16 x 1,5	8 mm	SKS	1/4"
4223-18-04	M 18 x 1,5	10 mm	SKS	1/4"
4223-18-05	M 18 x 1,5	10 mm	SKS	5/16"
4223-18-06	M 18 x 1,5	10 mm	SKS	3/8"
4223-20-04	M 20 x 1,5	12 mm	SKS	1/4"
4223-20-05	M 20 x 1,5	12 mm	SKS	5/16"
4223-20-06	M 20 x 1,5	12 mm	SKS	3/8"
4223-22-06	M 22 x 1,5	14 mm	SKS	3/8"
4223-22-08	M 22 x 1,5	14 mm	SKS	1/2"
4223-24-08	M 24 x 1,5	16 mm	SKS	1/2"
4223-30-10	M 30 x 2,0	20 mm	SKS	5/8"
4223-30-12	M 30 x 2,0	20 mm	SKS	3/4"
4223-36-12	M 36 x 2,0	25 mm	SKS	3/4"
4223-36-16	M 36 x 2,0	25 mm	SKS	1"
4223-42-16	M 42 x 2,0	30 mm	SKS	1"
4223-42-20	M 42 x 2,0	30 mm	SKS	1 1/4"
4223-52-20	M 52 x 2,0	38 mm	SKS	1 1/4"
4223-52-24	M 52 x 2,0	38 mm	SKS	1 1/2"



4226

Standpipe straight SP

PRODUCT GROUP 300

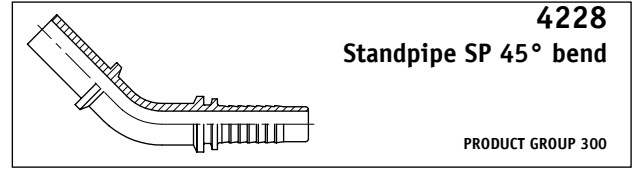
Part no.	Pipe Ø	Type	Hose ID
4226-06-02	6 mm	SP	1/8"
4226-06-03	6 mm	SP	3/16"
4226-06-04	6 mm	SP	1/4"
4226-08-03	8 mm	SP	3/16"
4226-08-04	8 mm	SP	1/4"
4226-10-04	10 mm	SP	1/4"
4226-10-05	10 mm	SP	5/16"
4226-10-06	10 mm	SP	3/8"
4226-12-04	12 mm	SP	1/4"
4226-12-05	12 mm	SP	5/16"
4226-12-06	12 mm	SP	3/8"
4226-12-08	12 mm	SP	1/2"
4226-14-06	14 mm	SP	3/8"
4226-14-08	14 mm	SP	1/2"
4226-15-06	15 mm	SP	3/8"
4226-15-08	15 mm	SP	1/2"
4226-15-10	15 mm	SP	5/8"
4226-16-06	16 mm	SP	3/8"
4226-16-08	16 mm	SP	1/2"
4226-18-08	18 mm	SP	1/2"
4226-18-10	18 mm	SP	5/8"
4226-18-12	18 mm	SP	3/4"
4226-20-10	20 mm	SP	5/8"
4226-20-12	20 mm	SP	3/4"
4226-22-10	22 mm	SP	5/8"
4226-22-12	22 mm	SP	3/4"
4226-25-12	25 mm	SP	3/4"
4226-25-16	25 mm	SP	1"
4226-28-16	28 mm	SP	1"
4226-30-16	30 mm	SP	1"
4226-30-20	30 mm	SP	1 1/4"
4226-35-20	35 mm	SP	1 1/4"
4226-38-20	38 mm	SP	1 1/4"
4226-38-24	38 mm	SP	1 1/2"
4226-42-24	42 mm	SP	1 1/2"





4227
Standpipe SP 90° bend

PRODUCT GROUP 300



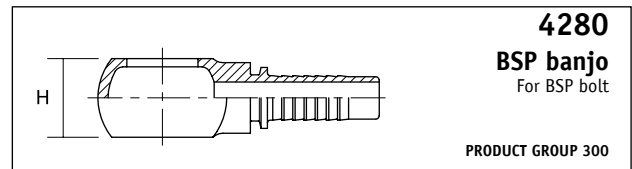
4228
Standpipe SP 45° bend

PRODUCT GROUP 300

Part no.	Pipe Ø	Type	Hose ID
4227-06-03	6 mm	SP 90°	3/16"
4227-06-04	6 mm	SP 90°	1/4"
4227-08-03	8 mm	SP 90°	3/16"
4227-08-04	8 mm	SP 90°	1/4"
4227-10-04	10 mm	SP 90°	1/4"
4227-10-05	10 mm	SP 90°	5/16"
4227-10-06	10 mm	SP 90°	3/8"
4227-12-04	12 mm	SP 90°	1/4"
4227-12-05	12 mm	SP 90°	5/16"
4227-12-06	12 mm	SP 90°	3/8"
4227-12-08	12 mm	SP 90°	1/2"
4227-14-06	14 mm	SP 90°	3/8"
4227-14-08	14 mm	SP 90°	1/2"
4227-15-06	15 mm	SP 90°	3/8"
4227-15-08	15 mm	SP 90°	1/2"
4227-16-08	16 mm	SP 90°	1/2"
4227-18-08	18 mm	SP 90°	1/2"
4227-18-10	18 mm	SP 90°	5/8"
4227-18-12	18 mm	SP 90°	3/4"
4227-20-10	20 mm	SP 90°	5/8"
4227-20-12	20 mm	SP 90°	3/4"
4227-22-10	22 mm	SP 90°	5/8"
4227-22-12	22 mm	SP 90°	3/4"
4227-25-12	25 mm	SP 90°	3/4"
4227-25-16	25 mm	SP 90°	1"
4227-28-16	28 mm	SP 90°	1"
4227-30-16	30 mm	SP 90°	1"
4227-30-20	30 mm	SP 90°	1 1/4"
4227-35-20	35 mm	SP 90°	1 1/4"
4227-38-20	38 mm	SP 90°	1 1/4"
4227-38-24	38 mm	SP 90°	1 1/2"
4227-42-24	42 mm	SP 90°	1 1/2"

Part no.	Pipe Ø	Type	Hose ID
4228-06-03	6 mm	SP 45°	3/16"
4228-06-04	6 mm	SP 45°	1/4"
4228-08-03	8 mm	SP 45°	3/16"
4228-08-04	8 mm	SP 45°	1/4"
4228-10-04	10 mm	SP 45°	1/4"
4228-10-05	10 mm	SP 45°	5/16"
4228-10-06	10 mm	SP 45°	3/8"
4228-12-04	12 mm	SP 45°	1/4"
4228-12-05	12 mm	SP 45°	5/16"
4228-12-06	12 mm	SP 45°	3/8"
4228-12-08	12 mm	SP 45°	1/2"
4228-14-06	14 mm	SP 45°	3/8"
4228-14-08	14 mm	SP 45°	1/2"
4228-15-06	15 mm	SP 45°	3/8"
4228-15-08	15 mm	SP 45°	1/2"
4228-16-08	16 mm	SP 45°	1/2"
4228-18-08	18 mm	SP 45°	1/2"
4228-18-10	18 mm	SP 45°	5/8"
4228-18-12	18 mm	SP 45°	3/4"
4228-20-10	20 mm	SP 45°	5/8"
4228-20-12	20 mm	SP 45°	3/4"
4228-22-10	22 mm	SP 45°	5/8"
4228-22-12	22 mm	SP 45°	3/4"
4228-25-12	25 mm	SP 45°	3/4"
4228-25-16	25 mm	SP 45°	1"
4228-28-16	28 mm	SP 45°	1"
4228-30-16	30 mm	SP 45°	1"
4228-30-20	30 mm	SP 45°	1 1/4"
4228-35-20	35 mm	SP 45°	1 1/4"
4228-38-20	38 mm	SP 45°	1 1/4"
4228-38-24	38 mm	SP 45°	1 1/2"
4228-42-24	42 mm	SP 45°	1 1/2"

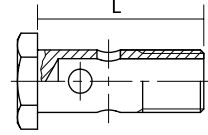
4:2



4280
BSP banjo
For BSP bolt

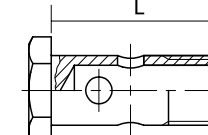
PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID	Length
4280-02-03	G 1/8"	Banjo	3/16"	10,0 mm
4280-02-04	G 1/8"	Banjo	1/4"	10,0 mm
4280-04-03	G 1/4"	Banjo	3/16"	14,0 mm
4280-04-04	G 1/4"	Banjo	1/4"	14,0 mm
4280-04-05	G 1/4"	Banjo	5/16"	14,0 mm
4280-04-06	G 1/4"	Banjo	3/8"	14,0 mm
4280-06-04	G 3/8"	Banjo	1/4"	17,5 mm
4280-06-05	G 3/8"	Banjo	5/16"	17,5 mm
4280-06-06	G 3/8"	Banjo	3/8"	17,5 mm
4280-06-08	G 3/8"	Banjo	1/2"	17,5 mm
4280-08-04	G 1/2"	Banjo	1/4"	23,0 mm
4280-08-06	G 1/2"	Banjo	3/8"	23,0 mm
4280-08-08	G 1/2"	Banjo	1/2"	23,0 mm
4280-10-08	G 5/8"	Banjo	1/2"	23,5 mm
4280-10-10	G 5/8"	Banjo	5/8"	23,5 mm
4280-12-08	G 3/4"	Banjo	1/2"	29,5 mm
4280-12-10	G 3/4"	Banjo	5/8"	29,5 mm
4280-12-12	G 3/4"	Banjo	3/4"	27,5 mm
4280-16-16	G 1"	Banjo	1"	37,5 mm



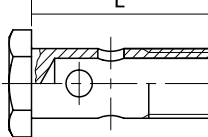
4280-01
BSP bolt
 For BSP banjo
 PRODUCT GROUP 300

Part no.	Thread	Type	Length
4280-01-02	G 1/8"	Banjo bolt	21,5 mm
4280-01-04	G 1/4"	Banjo bolt	29,5 mm
4280-01-06	G 3/8"	Banjo bolt	34,0 mm
4280-01-08	G 1/2"	Banjo bolt	36,0 mm
4280-01-10	G 5/8"	Banjo bolt	45,5 mm
4280-01-12	G 3/4"	Banjo bolt	48,0 mm
4280-01-16	G 1"	Banjo bolt	59,0 mm



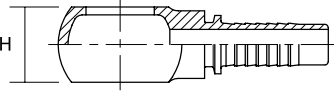
4282-01
Metric bolt
 For metric banjo
 PRODUCT GROUP 300

Part no.	Thread	Type	Length
4282-01-10	M 10x1,0	Banjo bolt	19 mm
4282-01-12	M 12x1,5	Banjo bolt	26 mm
4282-01-14	M 14x1,5	Banjo bolt	29 mm
4282-01-16	M 16x1,5	Banjo bolt	33 mm
4282-01-18	M 18x1,5	Banjo bolt	37 mm
4282-01-20	M 20x1,5	Banjo bolt	38 mm
4282-01-22	M 22x1,5	Banjo bolt	38 mm
4282-01-26	M 26x1,5	Banjo bolt	47 mm
4282-01-30	M 30x1,5	Banjo bolt	58 mm



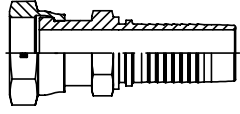
4281-01
BSP bolt double
 For BSP banjo
 PRODUCT GROUP 300

Part no.	Thread	Type	Length
4281-01-04	G 1/4"	Banjo, double	43 mm
4281-01-06	G 3/8"	Banjo, double	49 mm
4281-01-08	G 1/2"	Banjo, double	62 mm



4282
Metric banjo
 For metric bolt
 PRODUCT GROUP 300

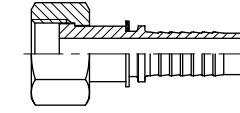
Part no.	Bolt thread	Type	Hose ID	Length
4282-10-03	M 10 x 1,0	Banjo	3/16"	10,0 mm
4282-10-04	M 10 x 1,0	Banjo	1/4"	10,0 mm
4282-12-03	M 12 x 1,5	Banjo	3/16"	12,0 mm
4282-12-04	M 12 x 1,5	Banjo	1/4"	12,0 mm
4282-12-05	M 12 x 1,5	Banjo	5/16"	12,0 mm
4282-14-03	M 14 x 1,5	Banjo	3/16"	14,0 mm
4282-14-04	M 14 x 1,5	Banjo	1/4"	14,0 mm
4282-14-05	M 14 x 1,5	Banjo	5/16"	14,0 mm
4282-14-06	M 14 x 1,5	Banjo	3/8"	14,0 mm
4282-16-04	M 16 x 1,5	Banjo	1/4"	17,5 mm
4282-16-05	M 16 x 1,5	Banjo	5/16"	17,5 mm
4282-16-06	M 16 x 1,5	Banjo	3/8"	17,5 mm
4282-18-04	M 18 x 1,5	Banjo	1/4"	20,5 mm
4282-18-05	M 18 x 1,5	Banjo	5/16"	20,5 mm
4282-18-06	M 18 x 1,5	Banjo	3/8"	20,5 mm
4282-18-08	M 18 x 1,5	Banjo	1/2"	20,5 mm
4282-20-06	M 20 x 1,5	Banjo	3/8"	23,0 mm
4282-20-08	M 20 x 1,5	Banjo	1/2"	23,0 mm
4282-22-06	M 22 x 1,5	Banjo	3/8"	22,5 mm
4282-22-08	M 22 x 1,5	Banjo	1/2"	22,5 mm
4282-22-10	M 22 x 1,5	Banjo	5/8"	22,5 mm
4282-26-12	M 26 x 1,5	Banjo	3/4"	29,5 mm
4282-30-12	M 30 x 1,5	Banjo	3/4"	30,0 mm
4282-30-16	M 30 x 1,5	Banjo	1"	37,0 mm



4290
ORFS
 Straight female
 PRODUCT GROUP 300

*)Double hexagonal

Part no.	Thread	Type	Hose ID
4290-04-04*	9/16"-18	ORFS	1/4"
4290-04-06	9/16"-18	ORFS	3/8"
4290-06-04	11/16"-16	ORFS	1/4"
4290-06-06*	11/16"-16	ORFS	3/8"
4290-06-08	11/16"-16	ORFS	1/2"
4290-08-06	13/16"-16	ORFS	1/2"
4290-08-08*	13/16"-16	ORFS	1/2"
4290-10-08	1"-14	ORFS	1/2"
4290-12-08	1 3/16"-12	ORFS	1/2"
4290-10-10*	1"-14	ORFS	5/8"
4290-12-10	1 3/16"-12	ORFS	5/8"
4290-12-12*	1 3/16"-12	ORFS	3/4"
4290-16-12	1 7/16"-12	ORFS	3/4"
4290-16-16*	1 7/16"-12	ORFS	1"
4290-20-16	1 11/16"-12	ORFS	1"
4290-20-20	1 11/16"-12	ORFS	1 1/4"
4290-24-24	2"-12	ORFS	1 1/2"



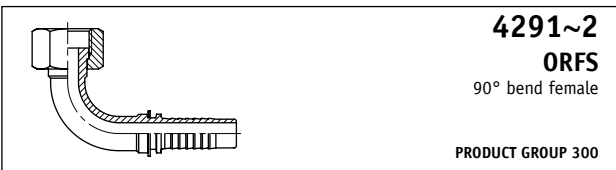
4290~2
ORFS
 Straight female
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4290-04-04-2	9/16"-18 UNF	ORFS FS	1/4"
4290-06-04-2	11/16"-16 UN	ORFS FS	1/4"
4290-06-05-2	11/16"-16 UN	ORFS FS	5/16"
4290-06-06-2	11/16"-16 UN	ORFS FS	3/8"
4290-08-06-2	13/16"-16 UN	ORFS FS	3/8"
4290-08-08-2	13/16"-16 UN	ORFS FS	1/2"
4290-10-08-2	1"-14 UNS	ORFS FS	1/2"
4290-10-10-2	1"-14 UNS	ORFS FS	5/8"
4290-12-08-2	1 3/16"-12 UN	ORFS FS	1/2"
4290-12-10-2	1 3/16"-12 UN	ORFS FS	5/8"
4290-12-12-2	1 3/16"-12 UN	ORFS FS	3/4"
4290-16-12-2	1 7/16"-12 UN	ORFS FS	3/4"
4290-16-16-2	1 7/16"-12 UN	ORFS FS	1"
4290-20-16-2	1 11/16"-12 UN	ORFS FS	1"
4290-20-20-2	1 11/16"-12 UN	ORFS FS	1 1/4"
4290-24-24-2	2"-12 UN	ORFS FS	1 1/2"

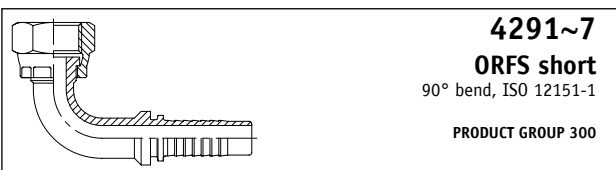




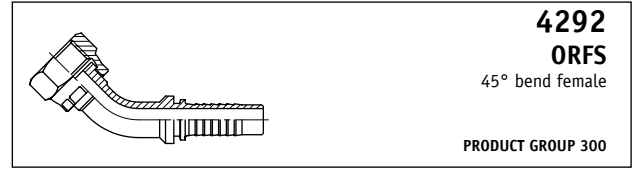
Part no.	Thread	Type	Hose ID
4291-04-04	9/16" - 18 UNF	ORFS 90° FS	1/4"
4291-06-06	11/16" - 16 UN	ORFS 90° FS	3/8"
4291-06-08	11/16" - 16 UN	ORFS 90° FS	1/2"
4291-08-08	13/16" - 16 UN	ORFS 90° FS	1/2"
4291-10-08	1" - 14 UNS	ORFS 90° FS	1/2"
4291-10-10	1" - 14 UNS	ORFS 90° FS	5/8"
4291-12-12	1 3/16" - 12 UN	ORFS 90° FS	3/4"
4291-16-16	1 7/16" - 12 UN	ORFS 90° FS	1"
4291-20-16	1 11/16" - 12 UN	ORFS 90° FS	1"
4291-20-20	1 11/16" - 12 UN	ORFS 90° FS	1 1/4"
4291-24-24	2" - 12 UN	ORFS 90° FS	1 1/2"



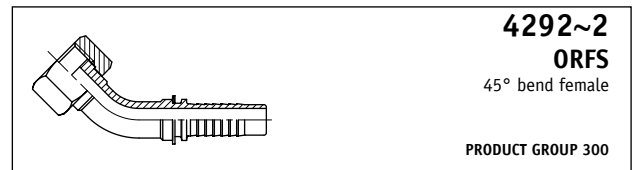
Part no.	Thread	Type	Hose ID
4291-04-04-2	9/16"-18 UNF	ORFS 90° FS	1/4"
4291-06-04-2	11/16"-16 UN	ORFS 90° FS	1/4"
4291-06-05-2	11/16"-16 UN	ORFS 90° FS	5/16"
4291-06-06-2	11/16"-16 UN	ORFS 90° FS	3/8"
4291-08-06-2	13/16"-16 UN	ORFS 90° FS	3/8"
4291-08-08-2	13/16"-16 UN	ORFS 90° FS	1/2"
4291-10-08-2	1"-14 UNS	ORFS 90° FS	1/2"
4291-10-10-2	1"-14 UNS	ORFS 90° FS	5/8"
4291-12-08-2	1 3/16"-12 UN	ORFS 90° FS	1/2"
4291-12-10-2	1 3/16"-12 UN	ORFS 90° FS	5/8"
4291-12-12-2	1 3/16"-12 UN	ORFS 90° FS	3/4"
4291-16-12-2	1 7/16"-12 UN	ORFS 90° FS	3/4"
4291-16-16-2	1 7/16"-12 UN	ORFS 90° FS	1"
4291-20-20-2	1 11/16"-12 UN	ORFS 90° FS	1 1/4"
4291-24-24-2	2"-12 UN	ORFS 90° FS	1 1/2"



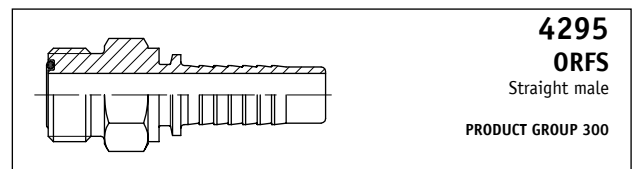
Part no.	Thread	Type	Hose ID
4291-04-04-7	9/16" - 18 UNF	ORFS 90° S FS	1/4"
4291-06-06-7	11/16" - 16 UN	ORFS 90° S FS	3/8"
4291-08-04-7	13/16" - 16 UN	ORFS 90° S FS	1/4"
4291-08-08-7	13/16" - 16 UN	ORFS 90° S FS	1/2"
4291-10-10-7	1" - 14 UNS	ORFS 90° S FS	5/8"
4291-10-12-7	1" - 14 UNS	ORFS 90° S FS	3/4"
4291-12-12-7	1 3/16" - 12 UN	ORFS 90° S FS	3/4"
4291-16-16-7	1 7/16" - 12 UN	ORFS 90° S FS	1"



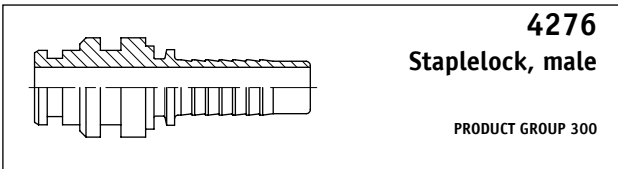
Part no.	Thread	Type	Hose ID
4292-04-04	9/16" - 18 UNF	ORFS 45° FS	1/4"
4292-06-04	11/16" - 16 UN	ORFS 45° FS	1/4"
4292-06-06	11/16" - 16 UN	ORFS 45° FS	3/8"
4292-08-08	13/16" - 16 UN	ORFS 45° FS	1/2"
4292-10-10	1" - 14 UNS	ORFS 45° FS	5/8"
4292-12-12	1 3/16" - 12 UN	ORFS 45° FS	3/4"
4292-16-12	1 7/16" - 12 UN	ORFS 45° FS	3/4"
4292-16-16	1 7/16" - 12 UN	ORFS 45° FS	1"
4292-20-20	1 11/16" - 12 UN	ORFS 45° FS	1 1/4"
4292-24-24	2" - 12 UN	ORFS 45° FS	1 1/2"



Part no.	Thread	Type	Hose ID
4292-04-04-2	9/16"-18 UNF	ORFS 45° FS	1/4"
4292-06-04-2	11/16"-16 UN	ORFS 45° FS	1/4"
4292-06-05-2	11/16"-16 UN	ORFS 45° FS	5/16"
4292-06-06-2	11/16"-16 UN	ORFS 45° FS	3/8"
4292-08-06-2	13/16"-16 UN	ORFS 45° FS	3/8"
4292-08-08-2	13/16"-16 UN	ORFS 45° FS	1/2"
4292-10-08-2	1"-14 UNS	ORFS 45° FS	1/2"
4292-10-10-2	1"-14 UNS	ORFS 45° FS	5/8"
4292-12-08-2	1 3/16"-12 UN	ORFS 45° FS	1/2"
4292-12-10-2	1 3/16"-12 UN	ORFS 45° FS	5/8"
4292-12-12-2	1 3/16"-12 UN	ORFS 45° FS	3/4"
4292-16-12-2	1 7/16"-12 UN	ORFS 45° FS	3/4"
4292-16-16-2	1 7/16"-12 UN	ORFS 45° FS	1"
4292-20-20-2	1 11/16"-12 UN	ORFS 45° FS	1 1/4"
4292-24-24-2	2"-12 UN	ORFS 45° FS	1 1/2"



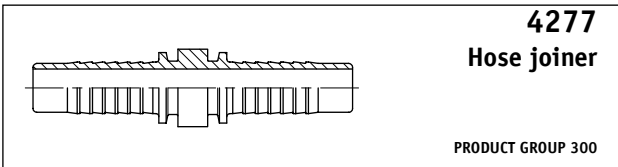
Part no.	Thread	Type	Hose ID
4295-04-04	9/16"-18 UNF	ORFS M	1/4"
4295-06-04	11/16"-16 UN	ORFS M	1/4"
4295-06-05	11/16"-16 UN	ORFS M	5/16"
4295-06-06	11/16"-16 UN	ORFS M	3/8"
4295-08-06	13/16"-16 UN	ORFS M	3/8"
4295-08-08	13/16"-16 UN	ORFS M	1/2"
4295-10-06	1"-14 UNS	ORFS M	3/8"
4295-10-08	1"-14 UNS	ORFS M	1/2"
4295-10-10	1"-14 UNS	ORFS M	5/8"
4295-12-08	1 3/16"-12 UN	ORFS M	1/2"
4295-12-10	1 3/16"-12 UN	ORFS M	5/8"
4295-12-12	1 3/16"-12 UN	ORFS M	3/4"
4295-16-12	1 7/16"-12 UN	ORFS M	3/4"
4295-16-16	1 7/16"-12 UN	ORFS M	1"
4295-20-16	1 11/16"-12 UN	ORFS M	1"
4295-20-20	1 11/16"-12 UN	ORFS M	1 1/4"
4295-24-24	2"-12 UN	ORFS M	1 1/2"



4276
Staplelock, male

PRODUCT GROUP 300

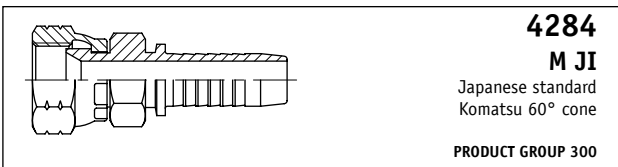
Part no.	Huvud	Type	Hose ID
4276-04-04	1/4"	Staplelock	1/4"
4276-06-06	3/8"	Staplelock	3/8"
4276-08-08	1/2"	Staplelock	1/2"
4276-12-12	3/4"	Staplelock	3/4"
4276-16-16	1"	Staplelock	1"
4276-20-20	1 1/4"	Staplelock	1 1/4"



4277
Hose joiner

PRODUCT GROUP 300

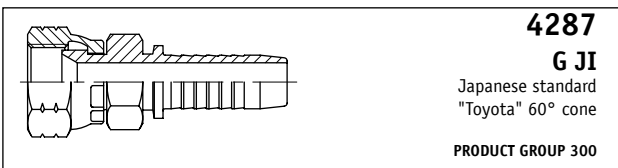
Part no.	Hose ID	Type	Hose ID
4277-03-03	3/16"	Hose joiner	3/16"
4277-04-04	1/4"	Hose joiner	1/4"
4277-05-05	5/16"	Hose joiner	5/16"
4277-06-06	3/8"	Hose joiner	3/8"
4277-08-08	1/2"	Hose joiner	1/2"
4277-10-10	5/8"	Hose joiner	5/8"
4277-12-12	3/4"	Hose joiner	3/4"
4277-16-16	1"	Hose joiner	1"
4277-20-20	1 1/4"	Hose joiner	1 1/4"
4277-24-24	1 1/2"	Hose joiner	1 1/2"
4277-32-32	2"	Hose joiner	2"



4284
M JI
Japanese standard
Komatsu 60° cone

PRODUCT GROUP 300

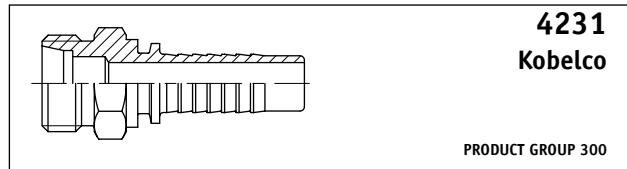
Part no.	Thread	Type	Hose ID
4284-14-04	M 14 x 1.5	M JI	1/4"
4284-14-06	M 14 x 1.5	M JI	3/8"
4284-16-05	M 16 x 1.5	M JI	5/16"
4284-16-06	M 16 x 1.5	M JI	3/8"
4284-18-06	M 18 x 1.5	M JI	3/8"
4284-22-08	M 22 x 1.5	M JI	1/2"
4284-24-08	M 24 x 1.5	M JI	1/2"
4284-24-10	M 24 x 1.5	M JI	5/8"
4284-30-12	M 30 x 1.5	M JI	3/4"
4284-33-16	M 33 x 1.5	M JI	1"
4284-36-20	M 36 x 1.5	M JI	1 1/4"
4284-42-24	M 42 x 1.5	M JI	1 1/2"



4287
G JI
Japanese standard
"Toyota" 60° cone

PRODUCT GROUP 300

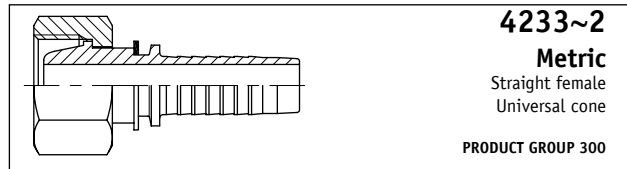
Part no.	Thread	Type	Hose ID
4287-04-04	G 1/4"	G JI	1/4"
4287-06-06	G 3/8"	G JI	3/8"
4287-08-08	G 1/2"	G JI	1/2"
4287-12-12	G 3/4"	G JI	3/4"
4287-16-16	G 1"	G JI	1"
4287-20-20	G 1 1/4"	G JI	1 1/4"
4287-24-24	G 1 1/2"	G JI	1 1/2"



4231
Kobelco

PRODUCT GROUP 300

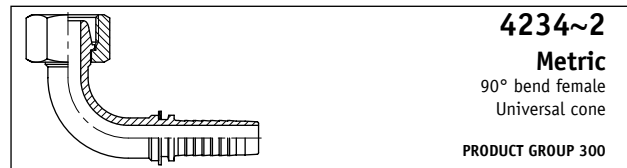
Part no.	Thread	Pipe	Type	Hose ID
4231-30-10	M 30 x 1.5	22 mm	Kobelco	5/8"
4231-36-12	M 36 x 1.5	28 mm	Kobelco	3/4"
4231-36-16	M 36 x 1.5	28 mm	Kobelco	1"
4231-45-16	M 45 x 1.5	35 mm	Kobelco	1"



4233~2
Metric
Straight female
Universal cone

PRODUCT GROUP 300

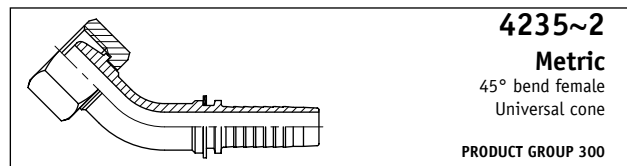
Part no.	Thread	Pipe	Type	Hose ID
4233-06-03-2	M 12 x 1.5	6 mm	MS FS	3/16"
4233-06-04-2	M 12 x 1.5	6 mm	MS FS	1/4"
4233-08-04-2	M 14 x 1.5	8 mm	MS FS	1/4"
4233-10-04-2	M 16 x 1.5	10 mm	MS FS	1/4"
4233-10-05-2	M 16 x 1.5	10 mm	MS FS	5/16"
4233-10-06-2	M 16 x 1.5	10 mm	MS FS	3/8"
4233-12-05-2	M 18 x 1.5	12 mm	MS FS	5/16"
4233-12-06-2	M 18 x 1.5	12 mm	MS FS	3/8"
4233-15-06-2	M 22 x 1.5	15 mm	MS FS	3/8"
4233-15-08-2	M 22 x 1.5	15 mm	MS FS	1/2"
4233-18-10-2	M 26 x 1.5	18 mm	MS FS	5/8"



4234~2
Metric
90° bend female
Universal cone

PRODUCT GROUP 300

Part no.	Thread	Pipe	Type	Hose ID
4234-08-04-2	M 14 x 1.5	8 mm	MS 90° FS	1/4"
4234-10-04-2	M 16 x 1.5	10 mm	MS 90° FS	1/4"
4234-10-05-2	M 16 x 1.5	10 mm	MS 90° FS	5/16"
4234-12-06-2	M 18 x 1.5	12 mm	MS 90° FS	3/8"
4234-15-06-2	M 22 x 1.5	15 mm	MS 90° FS	3/8"
4234-15-08-2	M 22 x 1.5	15 mm	MS 90° FS	1/2"
4234-18-10-2	M 26 x 1.5	18 mm	MS 90° FS	5/8"

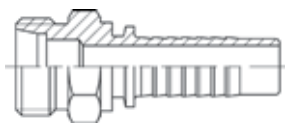


4235~2
Metric
45° bend female
Universal cone

PRODUCT GROUP 300

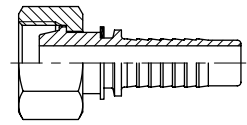
Part no.	Thread	Pipe	Type	Hose ID
4235-08-04-2	M 14 x 1.5	8 mm	MS 45° FS	1/4"
4235-10-04-2	M 16 x 1.5	10 mm	MS 45° FS	1/4"
4235-10-05-2	M 16 x 1.5	10 mm	MS 45° FS	5/16"
4235-12-06-2	M 18 x 1.5	12 mm	MS 45° FS	3/8"
4235-15-08-2	M 22 x 1.5	15 mm	MS 45° FS	1/2"





4221
French GAZ
Metric GAZ straight male
24° cone, connection for inch pipe
PRODUCT GROUP 300

Part no.	Thread	Pipe	Type	Hose ID
4221-20-06	M 20 x 1.5	13.25 mm	M	3/8"
4221-24-08	M 24 x 1,5	16,75 mm	M	1/2"
4221-30-10	M 30 x 1.5	21.25 mm	M	5/8"
4221-30-12	M 30 x 1.5	21.25 mm	M	3/4"
4221-36-12	M 36 x 1.5	21.25 mm	M	3/4"
4221-45-16	M 45 x 1.5	33.70 mm	M	1"



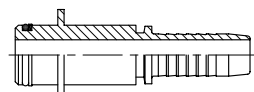
4224~2
French GAZ
Metric GAZ straight female
PRODUCT GROUP 300

Part no.	Thread	Pipe	Type	Hose ID
4224-20-06-2	M 20 x 1.5	13.25 mm	FS	3/8"
4224-24-08-2	M 24 x 1.5	16.75 mm	FS	1/2"
4224-30-12-2	M 30 x 1.5	21.25 mm	FS	3/4"
4224-36-12-2	M 36 x 1.5	21.25 mm	FS	3/4"
4224-45-16-2	M 45 x 1.5	33.70 mm	FS	1"



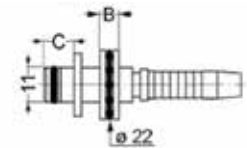
4373
DKSO special
High pressure washer
PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4373-14-04	M 22 x 1.5	DKSO FS	1/4"
4373-14-05	M 22 x 1.5	DKSO FS	5/16"
4373-14-06	M 22 x 1.5	DKSO FS	3/8"



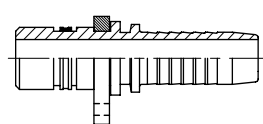
4374
Handle fitting
High pressure washer
PRODUCT GROUP 300

Part no.	Type	Hose ID
4374-00-04	Handle fitting	1/4"
4374-00-05	Handle fitting	5/16"
SE 5999-01-36	Washer M10	



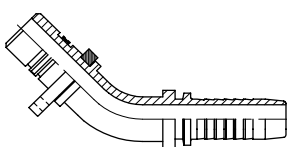
4374-11
High pressure fitting
Stainless steel
With bearing and washer
PRODUCT GROUP 300

Part no.	A	B	C	Hose ID
4374-11-04S	11 mm	6 mm	12 mm	1/4"
4374-11-05S	11 mm	6 mm	12 mm	5/16"



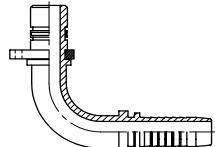
3C14 710
Plug-in fitting
Straight R1/R2-hose
PRODUCT GROUP 300

Part no.	Type	WEO	Hose ID
3C147100403	Plug-in Straight	10 mm	3/16"
3C147100404	Plug-in Straight	10 mm	1/4"
3C147100604	Plug-in Straight	13 mm	1/4"
3C147100605	Plug-in Straight	13 mm	5/16"
3C147100606	Plug-in Straight	13 mm	3/8"
3C147100806	Plug-in Straight	16 mm	3/8"
3C147100808	Plug-in Straight	16 mm	1/2"
3C147101208	Plug-in Straight	23 mm	1/2"
3C147101210	Plug-in Straight	23 mm	5/8"
3C147101212	Plug-in Straight	23 mm	3/4"
3C147101616	Plug-in Straight	30 mm	1"



3C14 712
Plug-in fitting 45°
R1/R2-hose
PRODUCT GROUP 300

Part no.	Type	WEO	Hose ID
3C147120404	Plug-in 45°	10 mm	1/4"
3C147120604	Plug-in 45°	13 mm	1/4"
3C147120605	Plug-in 45°	13 mm	5/16"
3C147120606	Plug-in 45°	13 mm	3/8"
3C147120806	Plug-in 45°	16 mm	3/8"
3C147120808	Plug-in 45°	16 mm	1/2"
3C147121208	Plug-in 45°	23 mm	1/2"
3C147121210	Plug-in 45°	23 mm	5/8"
3C147121212	Plug-in 45°	23 mm	3/4"



3C14 714
Plug-in fitting 90°
R1/R2-hose
PRODUCT GROUP 300

Part no.	Type	WEO	Hose ID
3C147140404	Plug-in 90°	10 mm	1/4"
3C147140604	Plug-in 90°	13 mm	1/4"
3C147140605	Plug-in 90°	13 mm	5/16"
3C147140606	Plug-in 90°	13 mm	3/8"
3C147140806	Plug-in 90°	16 mm	3/8"
3C147140808	Plug-in 90°	16 mm	1/2"
3C147141208	Plug-in 90°	23 mm	1/2"
3C147141210	Plug-in 90°	23 mm	5/8"
3C147141212	Plug-in 90°	23 mm	3/4"



Part no.	Type	WEO	No./package
3C147480400	1/4" Release ring	10 mm	10
3C147480600	3/8" Release ring	13 mm	10
3C147480800	1/2" Release ring	16 mm	10
3C147481200	3/4" Release ring	23 mm	10
3C147481600	1" Release ring	30 mm	10



Part no.	Type	WEO	No./package
3C147490400	1/4" Assembly stop	10 mm	10
3C147490600	3/8" Assembly stop	13 mm	10
3C147490801	1/2" Assembly stop	16 mm	10
3C147491200	3/4" Assembly stop	23 mm	10
3C147491600	1" Assembly stop	30 mm	10



INTERLOCK

4:4

4:4



HYDROSCAND INTERLOCK FITTINGS

PRODUCT GROUP 440/510

Interlock fittings are used for multispiral hoses: Gammaflex 5, Deltaflex CT, IsoBar 350, IsoBar 35 and IsoBar 42.

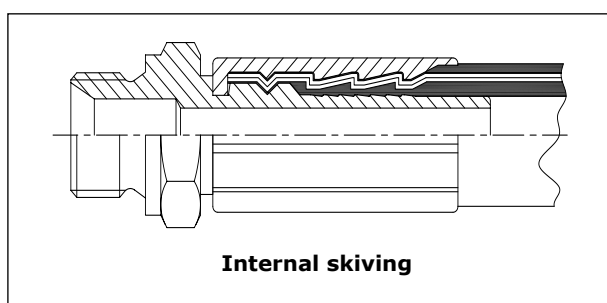
The principle of the interlock fitting is that the hose is skived both internally and externally in order to create two zones: one locking and one sealing. The locking is created in the front of the fitting, where the hose tail and ferrule are swaged together with the reinforcement of the hose the sealing part is created between the hose tail and inner tube.

The back of the fitting is the sealing part; the sealing part is created between nipple and inner tube.

The interlock fitting is recommended for hydraulic systems with very high pulsating pressure and requirements of safety.

Remember that a good assembly requires accuracy.

The assembly should be done at a Hydros cand depot or an authorised franchisee according to the assembling instructions in the product catalogue.



Internal skiving for safe assembling.

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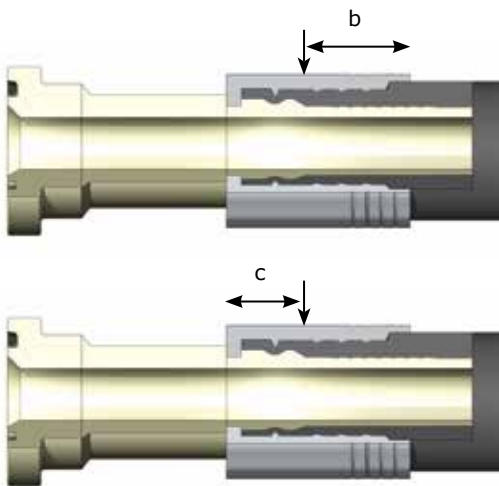
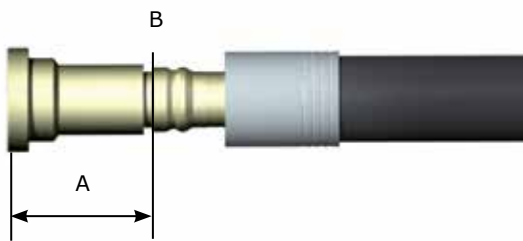
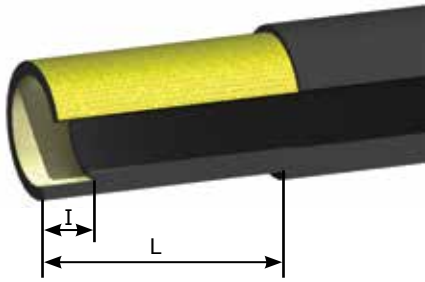


INTERLOCK

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4573	Metric straight female, 24° cone sealing with O-ring	153
4500-11	Ferrule, 4SH	154
4507	BSP straight female, 60° cone sealing	154
4508	BSP straight male, 60° cone sealing	154
4576	Metric straight female, 24° cone sealing with O-ring	154
5610	O-ring SAE J518, code 61/62, 90 shore	154
5610-12	Flange sealing, SAE J518, code 61/62	154

ASSEMBLING INSTRUCTIONS

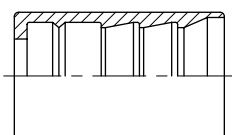


1. Cut the hose transversely. Remember that all fittings have a cut-off length "A".
2. Skive the hose down to the steel wire. The skiving length "L" and "I" is noted in the Swaging Manual. Be careful not to damage the steel wire when skiving. Clean the hose bore from dirt and particles.
3. Push the ferrule onto the hose until it stops. Lubricate the insert and push it into the hose until the stop "B" meets the hose end.

4. Swage the ferrule's full length with the given swage diameter +2 mm. Move the hose so that 2/3 of the ferrule ("b") gets swaged and the collapse is behind the area where the hose is skived. (The front part where the hose is skived internally is now less swaged). Then swage the front part using the same swage diameter ("c"). If the ferrule is swaged at once, the collapse might occur at the wrong spot and the hose part becomes under-swaged.

5. Make sure that the correct internal collapse (see the Swaging Manual) has been achieved by using the Hydros cand control pin (9013-xx-xx). The GO side should pass into the fitting to make sure the swaging is not overdone. The STOP side, on the other hand, should not be able to pass to make sure the swaging is not underdone. Please note that on these fittings the STOP side should stop at the interlock!

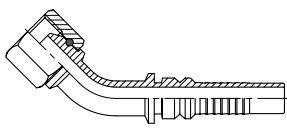
NOTE! It is important to use hoses and fittings that are designed to fit together. Our hoses and fittings have been tested for a perfect fit.



4400-09/13/14
Ferrules
 R9R/4SH/R13/R15/IsoBar 350

PRODUCT GROUP 440

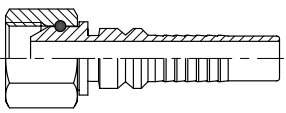
Part no.	Use with	Hose ID
4400-09-12	R9R /4SH/R13/R15/IsoBar 350	3/4"
4400-09-16	R9R /4SH/R13/R15/IsoBar 350	1"
4400-09-20	R9R /4SH/4SP/IsoBar 350	1 1/4"
4400-09-24	R9R /4SH/4SP	1 1/2"
4400-09-32	R9R /4SH/4SP	2"
4400-13-20	R13/IsoBar 350	1 1/4"
4400-13-24	R13	1 1/2"
4400-13-32	R13	2"
4400-14-20	R15	1 1/4"
4400-14-24	R15	1 1/2"



4404
BSP
 45° bend female
 60° cone sealing

PRODUCT GROUP 440

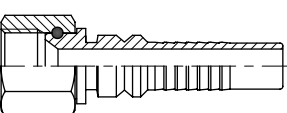
Part no.	Thread	Type	Hose ID
4404-12-12	G 3/4"	45B ITL	3/4"
4404-16-16	G 1"	45B ITL	1"
4404-20-20	G 1 1/4"	45B ITL	1 1/4"
4404-24-24	G 1 1/2"	45B ITL	1 1/2"
4404-32-32	G 2"	45B ITL	2"



4401
BSP
 Straight female
 60° cone sealing

PRODUCT GROUP 440

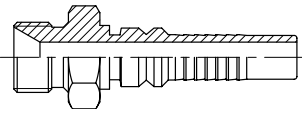
Part no.	Thread	Type	Hose ID
4401-12-12	G 3/4"	FS ITL	3/4"
4401-16-16	G 1"	FS ITL	1"
4401-20-20	G 1 1/4"	FS ITL	1 1/4"
4401-24-24	G 1 1/2"	FS ITL	1 1/2"
4401-32-32	G 2"	FS ITL	2"



4413
JIC
 Unified-threaded
 Straight female, 74° cone sealing

PRODUCT GROUP 440

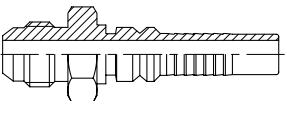
Part no.	Thread	Type	Hose ID
4413-17-12	1 1/16" - 12 UN	JIC FS ITL	3/4"
4413-21-12	1 5/16" - 12 UN	JIC FS ITL	3/4"
4413-21-16	1 5/16" - 12 UN	JIC FS ITL	1"
4413-26-16	1 5/8" - 12 UN	JIC FS ITL	1"
4413-26-20	1 5/8" - 12 UN	JIC FS ITL	1 1/4"
4413-30-20	1 7/8" - 12 UN	JIC FS ITL	1 1/4"
4413-30-24	1 7/8" - 12 UN	JIC FS ITL	1 1/2"
4413-40-32	2 1/2" - 12 UN	JIC FS ITL	2"



4402
BSP
 Straight male
 60° cone sealing

PRODUCT GROUP 440

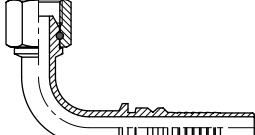
Part no.	Thread	Type	Hose ID
4402-12-12	G 3/4"	M ITL	3/4"
4402-16-16	G 1"	M ITL	1"
4402-20-20	G 1 1/4"	M ITL	1 1/4"
4402-24-24	G 1 1/2"	M ITL	1 1/2"
4402-32-32	G 2"	M ITL	2"



4414
JIC
 Unified-threaded
 Straight male, 74° cone sealing

PRODUCT GROUP 440

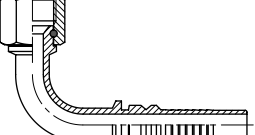
Part no.	Thread	Type	Hose ID
4414-17-12	1 1/16" - 12UN	JIC M ITL	3/4"
4414-21-16	1 5/16" - 12UN	JIC M ITL	1"
4414-26-16	1 5/8" - 12UN	JIC M ITL	1"
4414-26-20	1 5/8" - 12UN	JIC M ITL	1 1/4"
4414-30-24	1 7/8" - 12UN	JIC M ITL	1 1/2"
4414-40-32	2 1/2" - 12UN	JIC M ITL	2"



4403
BSP
 90° bend female
 60° cone sealing

PRODUCT GROUP 440

Part no.	Thread	Type	Hose ID
4403-12-12	G 3/4"	90B ITL	3/4"
4403-16-16	G 1"	90B ITL	1"
4403-20-20	G 1 1/4"	90B ITL	1 1/4"
4403-24-24	G 1 1/2"	90B ITL	1 1/2"
4403-32-32	G 2"	90B ITL	2"

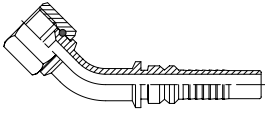


4416
JIC
 Unified-threaded
 90° bend female, 74° cone sealing

PRODUCT GROUP 440

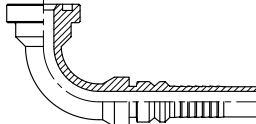
Part no.	Thread	Type	Hose ID
4416-17-12	1 1/16" - 12 UN	JIC 90B ITL	3/4"
4416-21-16	1 5/16" - 12 UN	JIC 90B ITL	1"
4416-26-20	1 5/8" - 12 UN	JIC 90B ITL	1 1/4"
4416-30-24	1 7/8" - 12 UN	JIC 90B ITL	1 1/2"
4416-40-32	2 1/2" - 12 UN	JIC 90B ITL	2"





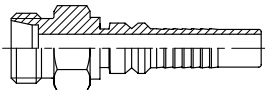
4417
JIC
 Unified-threaded
 45° bend female, 74° cone sealing
 PRODUCT GROUP 440

Part no.	Thread	Type	Hose ID
4417-17-12	1 1/16" - 12 UN	JIC 45B ITL	3/4"
4417-21-16	1 5/16" - 12 UN	JIC 45B ITL	1"
4417-26-20	1 5/8" - 12 UN	JIC 45B ITL	1 1/4"
4417-30-24	1 7/8" - 12 UN	JIC 45B ITL	1 1/2"
4417-40-32	2 1/2" - 12 UN	JIC 45B ITL	2"



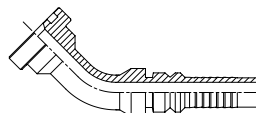
4444
90° SAE J518 Flange
 Code 61
 PRODUCT GROUP 440

Part no.	Flange size	Type	Hose ID
4444-12-12	3/4"	SAE3 90° ITL	3/4"
4444-16-12	1"	SAE3 90° ITL	3/4"
4444-16-16	1"	SAE3 90° ITL	1"
4444-16-20	1"	SAE3 90° ITL	1 1/4"
4444-20-16	1 1/4"	SAE3 90° ITL	1"
4444-20-20	1 1/4"	SAE3 90° ITL	1 1/4"
4444-20-24	1 1/4"	SAE3 90° ITL	1 1/2"
4444-24-20	1 1/2"	SAE3 90° ITL	1 1/4"
4444-24-24	1 1/2"	SAE3 90° ITL	1 1/2"
4444-32-24	2"	SAE3 90° ITL	1 1/2"
4444-32-32	2"	SAE3 90° ITL	2"



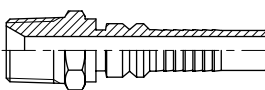
4423
Metric
 Straight male
 SKS with 24° cone sealing
 PRODUCT GROUP 440

Part no.	Thread	Pipe	Type	Hose ID
4423-36-12	M 36 x 2,0	25	SKS ITL	3/4"
4423-42-16	M 42 x 2,0	30	SKS ITL	1"
4423-52-20	M 52 x 2,0	38	SKS ITL	1 1/4"



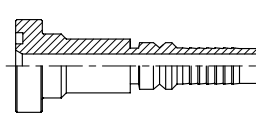
4448
45° SAE J518 Flange
 Code 61
 PRODUCT GROUP 440

Part no.	Flange size	Type	Hose ID
4448-12-12	3/4"	SAE3 45° ITL	3/4"
4448-16-12	1"	SAE3 45° ITL	3/4"
4448-16-16	1"	SAE3 45° ITL	1"
4448-20-16	1 1/4"	SAE3 45° ITL	1"
4448-20-20	1 1/4"	SAE3 45° ITL	1 1/4"
4448-24-20	1 1/2"	SAE3 45° ITL	1 1/4"
4448-24-24	1 1/2"	SAE3 45° ITL	1 1/2"
4448-32-24	2"	SAE3 45° ITL	1 1/2"
4448-32-32	2"	SAE3 45° ITL	2"



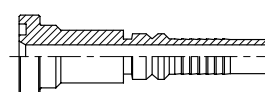
4440
NPTF
 Straight male
 60° cone sealing
 PRODUCT GROUP 440

Part no.	Thread	Type	Hose ID
4440-12-12	3/4" - 14	NPT M ITL	3/4"
4440-16-16	1" - 11½	NPT M ITL	1"
4440-20-20	1 1/4" - 11½	NPT M ITL	1 1/4"
4440-24-24	1 1/2" - 11½	NPT M ITL	1 1/2"
4440-32-32	2" - 11½	NPT M ITL	2"



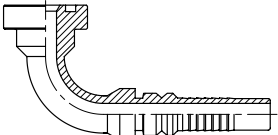
4453
Straight SAE J518 Flange
 Code 62
 PRODUCT GROUP 440

Part no.	Flange size	Type	Hose ID
4453-12-12	3/4"	SAE6 ITL	3/4"
4453-12-16	3/4"	SAE6 ITL	1"
4453-16-12	1"	SAE6 ITL	3/4"
4453-16-16	1"	SAE6 ITL	1"
4453-16-20	1"	SAE6 ITL	1 1/4"
4453-20-16	1 1/4"	SAE6 ITL	1"
4453-20-20	1 1/4"	SAE6 ITL	1 1/4"
4453-20-24	1 1/4"	SAE6 ITL	1 1/2"
4453-24-20	1 1/2"	SAE6 ITL	1 1/4"
4453-24-24	1 1/2"	SAE6 ITL	1 1/2"
4453-32-24	2"	SAE6 ITL	1 1/2"
4453-32-32	2"	SAE6 ITL	2"



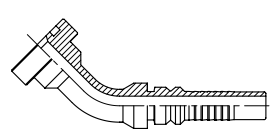
4443
Straight SAE J518 flange
 Code 61
 PRODUCT GROUP 440

Part no.	Flange size	Type	Hose ID
4443-12-12	3/4"	SAE3 Straight ITL	3/4"
4443-16-12	1"	SAE3 Straight ITL	3/4"
4443-16-16	1"	SAE3 Straight ITL	1"
4443-16-20	1"	SAE3 Straight ITL	1 1/4"
4443-20-16	1 1/4"	SAE3 Straight ITL	1"
4443-20-20	1 1/4"	SAE3 Straight ITL	1 1/4"
4443-24-20	1 1/2"	SAE3 Straight ITL	1 1/4"
4443-24-24	1 1/2"	SAE3 Straight ITL	1 1/2"
4443-32-24	2"	SAE3 Straight ITL	1 1/2"
4443-32-32	2"	SAE3 Straight ITL	2"



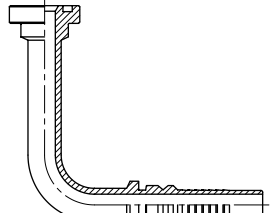
4454
90° SAE J518 Flange
 Code 62
 PRODUCT GROUP 440

Part no.	Flange size	Type	Hose ID
4454-12-12	3/4"	SAE6 90° ITL	3/4"
4454-12-16	3/4"	SAE6 90° ITL	1"
4454-16-12	1"	SAE6 90° ITL	3/4"
4454-16-16	1"	SAE6 90° ITL	1"
4454-16-20	1"	SAE6 90° ITL	1 1/4"
4454-20-16	1 1/4"	SAE6 90° ITL	1"
4454-20-20	1 1/4"	SAE6 90° ITL	1 1/4"
4454-20-24	1 1/4"	SAE6 90° ITL	1 1/2"
4454-24-20	1 1/2"	SAE6 90° ITL	1 1/4"
4454-24-24	1 1/2"	SAE6 90° ITL	1 1/2"
4454-32-24	2"	SAE6 90° ITL	1 1/2"
4454-32-32	2"	SAE6 90° ITL	2"



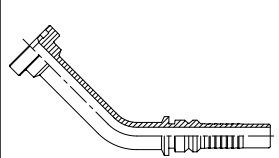
4458
45° SAE J518 Flange
 Code 62
 PRODUCT GROUP 440

Part no.	Flange size	Type	Hose ID
4458-12-12	3/4"	SAE6 45° ITL	3/4"
4458-12-16	3/4"	SAE6 45° ITL	1"
4458-16-12	1"	SAE6 45° ITL	3/4"
4458-16-16	1"	SAE6 45° ITL	1"
4458-16-20	1"	SAE6 45° ITL	1 1/4"
4458-20-16	1 1/4"	SAE6 45° ITL	1"
4458-20-20	1 1/4"	SAE6 45° ITL	1 1/4"
4458-20-24	1 1/4"	SAE6 45° ITL	1 1/2"
4458-24-20	1 1/2"	SAE6 45° ITL	1 1/4"
4458-24-24	1 1/2"	SAE6 45° ITL	1 1/2"
4458-32-32	2"	SAE6 45° ITL	2"



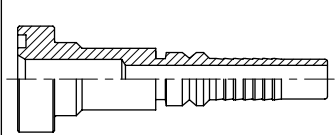
4460
90° SAE J518 Flange
 Code 62
 Long, delivered in one piece
 PRODUCT GROUP 440

Part no.	Flange size	Drop	Hose ID
4460-12-12	3/4"	100 mm	3/4"
4460-16-12	1"	100 mm	3/4"
4460-16-16	1"	101 mm	1"
4460-20-16	1 1/4"	115 mm	1"
4460-20-20	1 1/4"	120 mm	1 1/4"
4460-24-24	1 1/2"	140 mm	1 1/2"



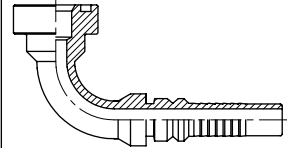
4461
45° SAE J518 Flange
 Code 62
 Long, delivered in one piece
 PRODUCT GROUP 440

Part no.	Flange size	Drop	Hose ID
4461-12-12	3/4"	55 mm	3/4"
4461-16-16	1"	55 mm	1"
4461-20-20	1 1/4"	60 mm	1 1/4"
4461-24-24	1 1/2"	70 mm	1 1/2"



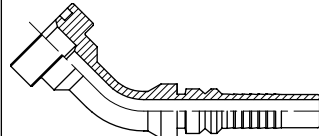
4463
Supercat flange
 Delivered in one piece
 PRODUCT GROUP 440

Part no.	Flange size	Type	Hose ID
4463-12-12	3/4"	SC Straight ITL	3/4"
4463-16-12	1"	SC Straight ITL	3/4"
4463-16-16	1"	SC Straight ITL	1"
4463-20-16	1 1/4"	SC Straight ITL	1"
4463-20-20	1 1/4"	SC Straight ITL	1 1/4"
4463-24-20	1 1/2"	SC Straight ITL	1 1/4"
4463-24-24	1 1/2"	SC Straight ITL	1 1/2"



4464
Supercat flange
 90° bend
 Delivered in one piece
 PRODUCT GROUP 440


Part no.	Flange size	Type	Hose ID
4464-12-12	3/4"	SC 90° ITL	3/4"
4464-16-12	1"	SC 90° ITL	3/4"
4464-16-16	1"	SC 90° ITL	1"
4464-20-16	1 1/4"	SC 90° ITL	1"
4464-20-20	1 1/4"	SC 90° ITL	1 1/4"
4464-24-20	1 1/2"	SC 90° ITL	1 1/4"
4464-24-24	1 1/2"	SC 90° ITL	1 1/2"



4468
Supercat flange
 45° bend
 Delivered in one piece
 PRODUCT GROUP 440

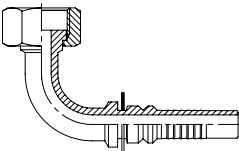
Part no.	Flange size	Type	Hose ID
4468-12-12	3/4"	SC 45° ITL	3/4"
4468-16-12	1"	SC 45° ITL	3/4"
4468-16-16	1"	SC 45° ITL	1"
4468-20-16	1 1/4"	SC 45° ITL	1"
4468-20-20	1 1/4"	SC 45° ITL	1 1/4"
4468-24-20	1 1/2"	SC 45° ITL	1 1/4"
4468-24-24	1 1/2"	SC 45° ITL	1 1/2"





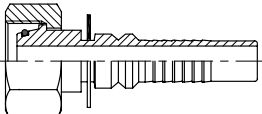
4469
Supercat flange
30° bend
Delivered in one piece
PRODUCT GROUP 440

Part no.	Flange size	Type	Hose ID
4469-12-12	3/4"	SC 30° ITL	3/4"
4469-16-12	1"	SC 30° ITL	3/4"
4469-16-16	1"	SC 30° ITL	1"
4469-20-16	1 1/4"	SC 30° ITL	1"
4469-20-20	1 1/4"	SC 30° ITL	1 1/4"
4469-24-20	1 1/2"	SC 30° ITL	1 1/4"
4469-24-24	1 1/2"	SC 30° ITL	1 1/2"



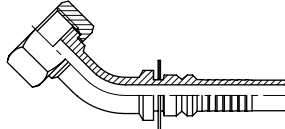
4491
ORFS
90° bend female
PRODUCT GROUP 440

Part no.	Thread	Type	Hose ID
4491-12-12	1 3/16" - 12 UN	ORFS 90° ITL	3/4"
4491-16-12	1 7/16" - 12 UN	ORFS 90° ITL	1"
4491-16-16	1 7/16" - 12 UN	ORFS 90° ITL	1"
4491-20-20	1 11/16" - 12 UN	ORFS 90° ITL	1 1/4"
4491-24-24	2" - 12 UN	ORFS 90° ITL	1 1/2"



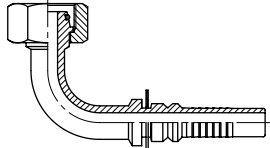
4473
Metric
Straight female
24° cone sealing with O-ring
PRODUCT GROUP 440

Part no.	Thread	Pipe	Type	Hose ID
4473-20-12	M 30 x 2,0	20	DKOS FS ITL	3/4"
4473-25-12	M 36 x 2,0	25	DKOS FS ITL	3/4"
4473-25-16	M 36 x 2,0	25	DKOS FS ITL	1"
4473-30-16	M 42 x 2,0	30	DKOS FS ITL	1"
4473-38-20	M 52 x 2,0	38	DKOS FS ITL	1 1/4"



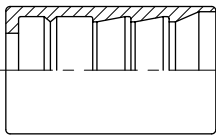
4492
ORFS
45° bend female
PRODUCT GROUP 440

Part no.	Thread	Type	Hose ID
4492-12-12	1 3/16" - 12 UN	ORFS 45° ITL	3/4"
4492-16-16	1 7/16" - 12 UN	ORFS 45° ITL	1"
4492-20-20	1 11/16" - 12 UN	ORFS 45° ITL	1 1/4"
4492-24-24	2" - 12 UN	ORFS 45° ITL	1 1/2"



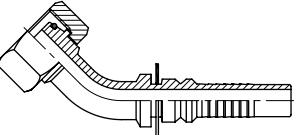
4474
Metric
90° bend female
24° cone sealing O-ring
PRODUCT GROUP 440

Part no.	Thread	Pipe	Type	Hose ID
4474-25-12	M 36 x 2.0	25	DKOS 90° ITL	3/4"
4474-30-16	M 42 x 2.0	30	DKOS 90° ITL	1"
4474-38-20	M 52 x 2.0	38	DKOS 90° ITL	1 1/4"



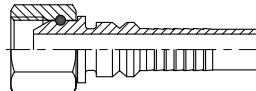
4500-10
Ferrule
Blastopak
PRODUCT GROUP 440

Part no.	Use with	Hose ID
4500-10-06	Blastopak	3/8"
4500-10-08	Blastopak	1/2"
4500-10-12	Blastopak	3/4"



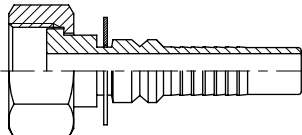
4475
Metric
45° bend female
24° cone sealing with O-ring
PRODUCT GROUP 440

Part no.	Thread	Pipe	Type	Hose ID
4475-20-12	M 30 x 2,0	20	DKOS 45° ITL	3/4"
4475-25-12	M 36 x 2,0	25	DKOS 45° ITL	3/4"
4475-30-16	M 42 x 2,0	30	DKOS 45° ITL	1"
4475-38-20	M 52 x 2,0	38	DKOS 45° ITL	1 1/4"



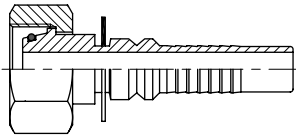
4501
BSP
Straight female
60° cone sealing
For Blastopak
PRODUCT GROUP 440

Part no.	Thread	Type	Hose ID
4501-06-06	G 3/8"	FS ITL	3/8"
4501-08-08	G 1/2"	FS ITL	1/2"
4501-12-12	G 3/4"	FS ITL	3/4"



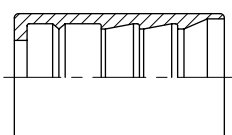
4490
ORFS
Straight female
PRODUCT GROUP 440

Part no.	Thread	Type	Hose ID
4490-12-12	1 3/16" - 12 UN	ORFS FS ITL	3/4"
4490-16-12	1 7/16" - 12 UN	ORFS FS ITL	3/4"
4490-16-16	1 7/16" - 12 UN	ORFS FS ITL	1"
4490-20-16	1 11/16" - 12 UN	ORFS FS ITL	1"
4490-20-20	1 11/16" - 12 UN	ORFS FS ITL	1 1/4"
4490-24-20	2" - 12 UN	ORFS FS ITL	1 1/4"
4490-24-24	2" - 12 UN	ORFS FS ITL	1 1/2"



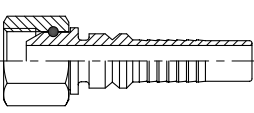
4573
Metric
Straight female
24° cone sealing with O-ring
For Blastopak
PRODUCT GROUP 440

Part no.	Thread	Pipe	Type	Hose ID
4573-14-06	M 22 x 1.5	14	DKOS FS ITL	3/8"
4573-16-08	M 24 x 1.5	16	DKOS FS ITL	1/2"
4573-25-12	M 36 x 2.0	25	DKOS FS ITL	3/4"
4573-30-16	M 42 x 2.0	30	DKOS FS ITL	1"



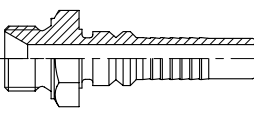
4500-11
Ferrule
 4SH
 For hydraulic hammers
PRODUCT GROUP 440

Part no.	Use with	Hose ID
4500-11-16	4SH	1"
4500-11-20	4SH	1 1/4"



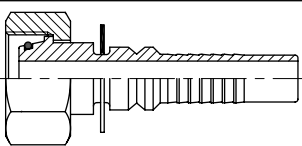
4507
BSP
 Straight female
 60° cone sealing
 For hydraulic hammers
PRODUCT GROUP 440

Part no.	Thread	Type	Hose ID
4507-16-16	G 1"	FS ITL Ham.	1"
4507-20-20	G 1 1/4"	FS ITL Ham.	1 1/4"



4508
BSP
 Straight male
 60° cone sealing
 For hydraulic hammers
PRODUCT GROUP 440

Part no.	Thread	Type	Hose ID
4508-16-16	G 1"	M ITL Ham.	1"




4576
Metric
 Straight female
 24° cone sealing with O-ring
 For hydraulic hammers
PRODUCT GROUP 440

Part no.	Thread	Pipe	Type	Hose ID
4576-30-16	M 42 x 2,0	30	DKSO FS ITL Ham.	1"
4576-38-20	M 52 x 2,0	38	DKSO FS ITL Ham.	1 1/4"



5610
O-ring
 SAE J518
 Code 61/62, 90 shore
PRODUCT GROUP 510

Part no.	Type
5610-02-08	O-ring for SAE flange 1/2"
5610-02-10	O-ring for SAE flange 5/8"
5610-02-12	O-ring for SAE flange 3/4"
5610-02-16	O-ring for SAE flange 1"
5610-02-20	O-ring for SAE flange 1 1/4"
5610-02-24	O-ring for SAE flange 1 1/2"
5610-02-32	O-ring for SAE flange 2"
5610-02-40	O-ring for SAE flange 2 1/2"
5610-02-48	O-ring for SAE flange 3"
5610-02-56	O-ring for SAE flange 3 1/2"
5610-02-64	O-ring for SAE flange 4"



5610-12
Flange sealing
 SAE J518
 Code 61/62
PRODUCT GROUP 510

Part no	Type	Dimension
5610-12-08	Flange sealing PU	1/2"
5610-12-12	Flange sealing PU	3/4"
5610-12-16	Flange sealing PU	1"
5610-12-20	Flange sealing PU	1 1/4"
5610-12-24	Flange sealing PU	1 1/2"
5610-12-32	Flange sealing PU	2"

TECHNICAL INFORMATION ACCORDING TO SAE J518 CODE 61

Flange	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
WP MPa	34,5	34,5	34,5	27,6	20,7	20,7	17,2	13,8
PSI	5000	5000	5000	4000	3000	3000	2500	2000
DIA	30,2	38,1	44,5	50,8	60,3	71,4	84,1	101,6

TECHNICAL INFORMATION ACCORDING TO SAE J518 CODE 62

Flange	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"		
WP MPa	41,4	41,4	41,4	41,4	41,4	41,4		
PSI	6000	6000	6000	6000	6000	6000		
DIA	31,8	41,3	47,6	53,9	63,5	79,4		

TECHNICAL INFORMATION SUPERCAT

Flange	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
WP MPa	41,4	41,4	41,4	41,4	41,4	41,4
DIA	31,8	41,3	47,6	53,9	63,5	79,4

TECHNICAL INFORMATION KOMATSU

Flange	5/8"					
WP MPa	34,5					
DIA	34,2					



**HOSE FITTINGS
- INDUSTRY,
FUEL, AC**

5



5

HYDROSCAND HOSE FITTINGS - INDUSTRY, FUEL, AC

Hydroscand can offer fittings for all kinds of applications. Low pressure fittings for applications with low pressure can be swaged with ferrules or assembled with hose clamps. As a further customer service, we can also offer pre-assembled hoses with fittings.

The fittings are available in materials such as brass, stainless steel, bronze, aluminium and polypropylene.

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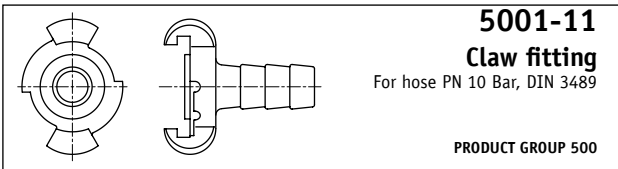
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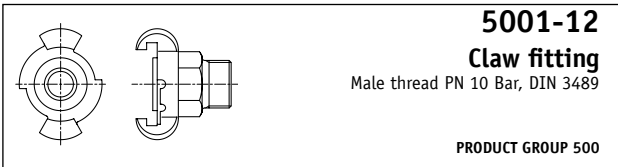
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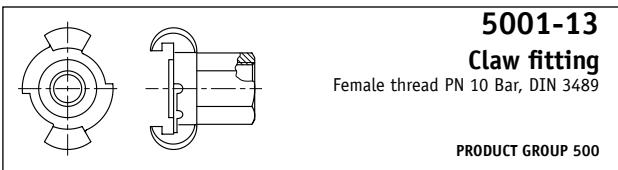
5001-11
Claw fitting
For hose PN 10 Bar, DIN 3489
PRODUCT GROUP 500

Part no.	Type	Hose ID
5001-11-04	Claw fitting	1/4"
5001-11-06	Claw fitting	3/8"
5001-11-08	Claw fitting	1/2"
5001-11-10	Claw fitting	5/8"
5001-11-12	Claw fitting	3/4"
5001-11-16	Claw fitting	1"
5001-11-20	Claw fitting	1 1/4"



5001-12
Claw fitting
Male thread PN 10 Bar, DIN 3489
PRODUCT GROUP 500

Part no.	Type	Thread
5001-12-04	Claw fitting	G 1/4" M
5001-12-06	Claw fitting	G 3/8" M
5001-12-08	Claw fitting	G 1/2" M
5001-12-12	Claw fitting	G 3/4" M
5001-12-16	Claw fitting	G 1" M
5001-12-20	Claw fitting	G 1 1/4" M



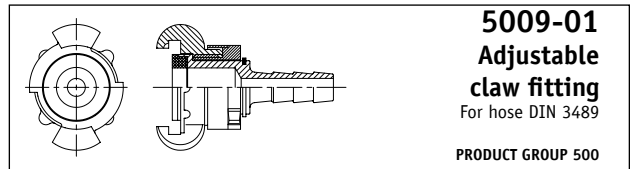
5001-13
Claw fitting
Female thread PN 10 Bar, DIN 3489
PRODUCT GROUP 500

Part no.	Type	Thread
5001-13-04	Claw fitting	G 1/4" F
5001-13-06	Claw fitting	G 3/8" F
5001-13-08	Claw fitting	G 1/2" F
5001-13-12	Claw fitting	G 3/4" F
5001-13-16	Claw fitting	G 1" F
5001-13-20	Claw fitting	G 1 1/4" F



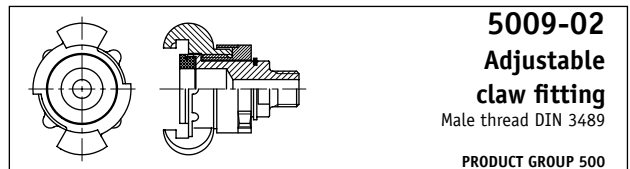
5001-04
Seal
For standard claw fittings
PRODUCT GROUP 500

Part no.	Material	Fluid
5001-04-00	Nitril seal -40° C - +95° C	Water, oil, air
5001-04-02	Viton seal -40° C - +200° C	



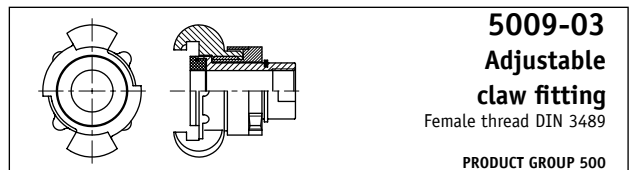
5009-01
Adjustable claw fitting
For hose DIN 3489
PRODUCT GROUP 500

Part no.	Type	Hose ID
5009-01-06	Adjustable claw fitting	3/8"
5009-01-08	Adjustable claw fitting	1/2"
5009-01-10	Adjustable claw fitting	5/8"
5009-01-12	Adjustable claw fitting	3/4"
5009-01-16	Adjustable claw fitting	1"
5009-01-20	Adjustable claw fitting	1 1/4"



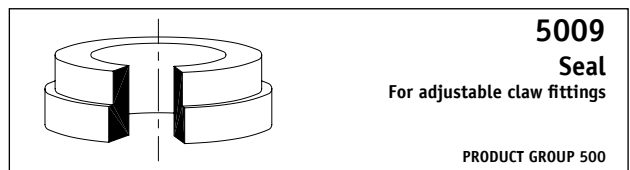
5009-02
Adjustable claw fitting
Male thread DIN 3489
PRODUCT GROUP 500

Part no.	Type	Thread
5009-02-06	Adjustable claw fitting	G 3/8" M
5009-02-08	Adjustable claw fitting	G 1/2" M
5009-02-12	Adjustable claw fitting	G 3/4" M
5009-02-16	Adjustable claw fitting	G 1" M
5009-02-20	Adjustable claw fitting	G 1 1/4" M



5009-03
Adjustable claw fitting
Female thread DIN 3489
PRODUCT GROUP 500

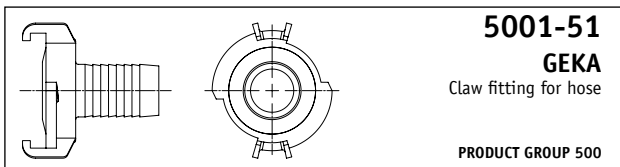
Part no.	Type	Thread
5009-03-06	Adjustable claw fitting	G 3/8" F
5009-03-08	Adjustable claw fitting	G 1/2" F
5009-03-12	Adjustable claw fitting	G 3/4" F
5009-03-16	Adjustable claw fitting	G 1" F



5009
Seal
For adjustable claw fittings
PRODUCT GROUP 500

Part no.	Material	Fluid	Measure/mm
5009-01-01	Nitril seal -40° C - +95° C	Water, oil, air	21x33x7
5009-01-03	Nitril seal -40° C - 95° C	Water, oil, air	21x30x4
5009-01-04	Silikon seal -40° C - +200° C	Steam	21x30x4

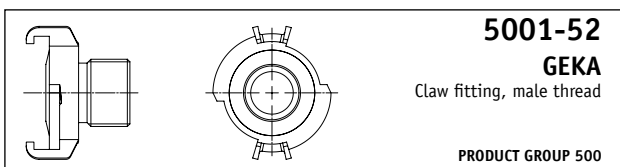




5001-51
GEKA
Claw fitting for hose

PRODUCT GROUP 500

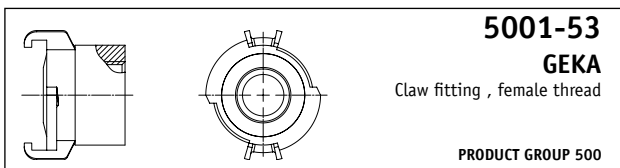
Part no.	Type/Material	Hose ID
5001-51-06	Claw fitting/Brass	3/8"
5001-51-08	Claw fitting/Brass	1/2"
5001-51-10	Claw fitting/Brass	5/8"
5001-51-12	Claw fitting/Brass	3/4"
5001-51-16	Claw fitting/Brass	1"
5001-51-20	Claw fitting/Brass	1 1/4"
5001-51-24	Claw fitting/Brass	1 1/2"



5001-52
GEKA
Claw fitting, male thread

PRODUCT GROUP 500

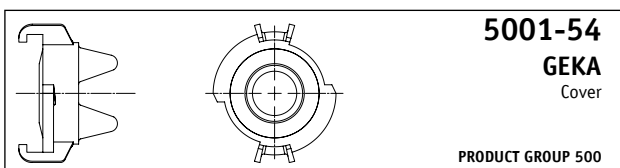
Part no.	Typ/Material	Thread
5001-52-04	Claw fitting/Brass	G 1/4" M
5001-52-06	Claw fitting/Brass	G 3/8" M
5001-52-08	Claw fitting/Brass	G 1/2" M
5001-52-12	Claw fitting/Brass	G 3/4" M
5001-52-16	Claw fitting/Brass	G 1" M
5001-52-20	Claw fitting/Brass	G 1 1/4" M
5001-52-24	Claw fitting/Brass	G 1 1/2" M



5001-53
GEKA
Claw fitting, female thread

PRODUCT GROUP 500

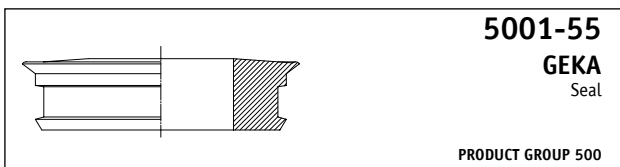
Part no.	Type/Material	Thread
5001-53-04	Claw fitting/Brass	G 1/4" F
5001-53-06	Claw fitting/Brass	G 3/8" F
5001-53-08	Claw fitting/Brass	G 1/2" F
5001-53-12	Claw fitting/Brass	G 3/4" F
5001-53-16	Claw fitting/Brass	G 1" F
5001-53-20	Claw fitting/Brass	G 1 1/4" F
5001-53-24	Claw fitting/Brass	G 1 1/2" F



5001-54
GEKA
Cover

PRODUCT GROUP 500

Part no.	Type/Material	Connection
5001-54-01	Claw fitting/Brass	Cover

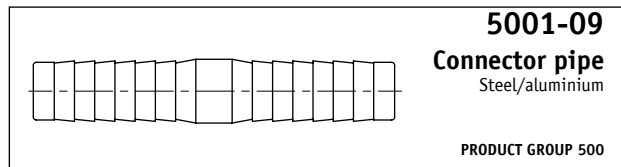


5001-55
GEKA
Seal

PRODUCT GROUP 500

Part no.	Material	Fluid	Measure/mm
5001-55-01	Nitril	Water, oil, air	20,5 x 33,5 x 10,8
5001-55-02	Nitril	Water, oil, air	22,0 x 38,0 x 11,5

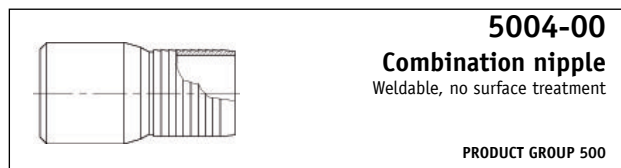
The GEKA seals are also available in Viton.



5001-09
Connector pipe
Steel/aluminium

PRODUCT GROUP 500

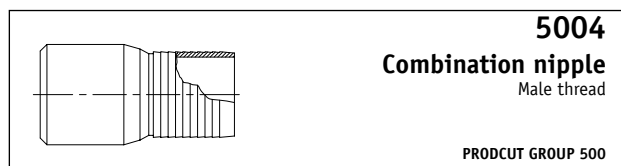
Part no.	Type	Material	Hose ID
5001-09-06	Connector pipe	Steel	3/8"
5001-09-08	Connector pipe	Steel	1/2"
5001-09-10	Connector pipe	Steel	5/8"
5001-09-12	Connector pipe	Steel	3/4"
5001-09-16	Connector pipe	Steel	1"
5001-09-20	Connector pipe	Steel	1 1/4"
5001-09-24	Connector pipe	Aluminium	1 1/2"
5001-09-32	Connector pipe	Aluminium	2"
5001-09-40	Connector pipe	Aluminium	2 1/2"
5001-09-48	Connector pipe	Aluminium	3"
5001-09-64	Connector pipe	Aluminium	4"
5001-09-80	Connector pipe	Aluminium	5"
5001-09-96	Connector pipe	Aluminium	6"



5004-00
Combination nipple
Weldable, no surface treatment

PRODUCT GROUP 500

Part no.	Pin	Type	Hose ID
5004-00-08	1/2"	Weldable nipple	1/2"
5004-00-12	3/4"	Weldable nipple	3/4"
5004-00-16	1"	Weldable nipple	1"
5004-00-20	1 1/4"	Weldable nipple	1 1/4"
5004-00-24	1 1/2"	Weldable nipple	1 1/2"
5004-00-32	2"	Weldable nipple	2"
5004-00-40	2 1/2"	Weldable nipple	2 1/2"
5004-00-48	3"	Weldable nipple	3"
5004-00-64	4"	Weldable nipple	4"
5004-00-80	5"	Weldable nipple	5"
5004-00-96	6"	Weldable nipple	6"



5004
Combination nipple
Male thread

PRODUCT GROUP 500

Part no.	Thread	Type	Hose ID
5004-08-08	G 1/2" M	Combination nipple	1/2"
5004-12-12	G 3/4" M	Combination nipple	3/4"
5004-16-16	G 1" M	Combination nipple	1"
5004-20-20	G 1 1/4" M	Combination nipple	1 1/4"
5004-24-24	G 1 1/2" M	Combination nipple	1 1/2"
5004-32-32	G 2" M	Combination nipple	2"
5004-40-40	G 2 1/2" M	Combination nipple	2 1/2"
5004-48-48	G 3" M	Combination nipple	3"
5004-64-64	G 4" M	Combination nipple	4"
5004-80-80	G 5" M	Combination nipple	5"
5004-96-96	G 6" M	Combination nipple	6"



5008
Storz for hose
Aluminium

PRODUCT GROUP 500

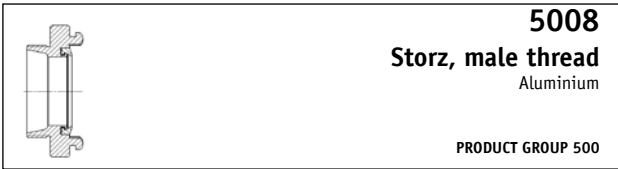
Part no.	Type	Lug (KA)	Hose ID
5008-04-16	D	31 mm	1"
5008-03-32	C	66 mm	2"
5008-01-48	B	89 mm	3"
5008-00-64	A	133 mm	4"



5008-10
Storz, seal
NBR

PRODUCT GROUP 500

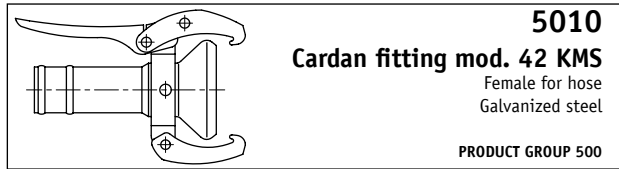
Part no.	Type	Application
5008-10-16	Packning D Nitril	-40° C - +90°C
5008-10-32	Packning C Nitril	-40° C - +90°C
5008-10-48	Packning B Nitril	-40° C - +90°C
5008-10-64	Packning A Nitril	-40° C - +90°C



5008
Storz, male thread
Aluminium

PRODUCT GROUP 500

Part no.	Type	Lug (KA)	Thread
5008-10-16	D	31 mm	G 1" M
5008-09-32	C	66 mm	G 2" M
5008-07-48	B	89 mm	G 3" M
5008-06-64	A	133 mm	G 4" M

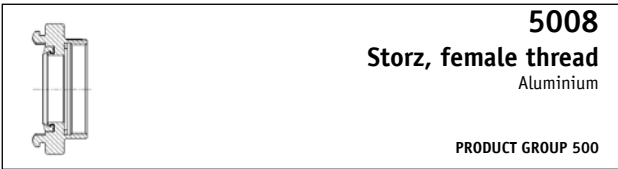


5010
Cardan fitting mod. 42 KMS
Female for hose
Galvanized steel

PRODUCT GROUP 500

Part no.	Fitting size	Type	Hose ID
5010-24-24	38	KMS	1 1/2"
5010-32-24	48	KMS	1 1/2"
5010-32-32	48	KMS	2"
5010-40-40	60	KMS	2 1/2"
5010-48-32	76	KMS	2"
5010-48-40	76	KMS	2 1/2"
5010-48-47	76	KMS	73.6 mm*
5010-48-48	76	KMS	73,6 mm
5010-48-49	76	KMS	3"
5010-64-64	102	KMS	4"
5010-80-80	133	KMS	5"
5010-96-96	152	KMS	6"

*Shortversion L=170 mm (std. 240 mm)



5008
Storz, female thread
Aluminium

PRODUCT GROUP 500

Part no.	Type	Lug (KA)	Thread
5008-16-16	D	31 mm	G 1" F
5008-15-24	C	66 mm	G 1 1/2" F
5008-15-32	C	66 mm	G 2" F
5008-13-48	B	89 mm	G 3" F
5008-12-64	A	133 mm	G 4" F



5011
Cardan fitting mod. 42 KVS
Male for hose
Galvanized steel

PRODUCT GROUP 500

Part no.	Fitting size	Type	Hose ID
5011-24-24	38	KVS	1 1/2"
5011-32-24	48	KVS	1 1/2"
5011-32-32	48	KVS	2"
5011-40-40	60	KVS	2 1/2"
5011-48-32	76	KVS	2"
5011-48-40	76	KVS	2 1/2"
5011-48-47	76	KVS	73,6 mm*
5011-48-48	76	KVS	73,6 mm
5011-48-49	76	KVS	3"
5011-64-48	102	KVS	73,6 mm
5011-64-64	102	KVS	4"
5011-80-80	133	KVS	5"
5011-96-96	152	KVS	6"

*Shortversion L=170 mm (std. 240 mm)



5008
Storz, cover
Aluminium

PRODUCT GROUP 500

Part no.	Type	Lug (KA)
5008-19-16	D	31 mm
5008-19-32	C	66 mm
5008-19-48	B	89 mm
5008-19-64	A	133 mm



5008
Storz, tool

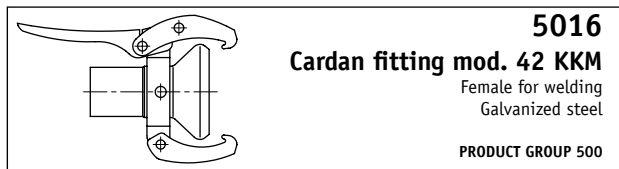
PRODUCT GROUP 500

Part no.	Type
5008-00-12	ABC



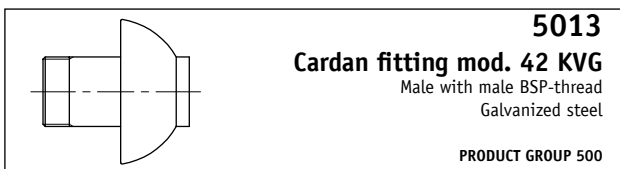
5012
Cardan fitting mod. 42 KMG
 Female with male BSP-thread
 Galvanized steel
 PRODUCT GROUP 500

Part no.	Fitting size	Type	Thread
5012-24-24	38	KMG	G 1 1/2" M
5012-32-32	48	KMG	G 2" M
5012-48-32	76	KMG	G 2" M
5012-48-48	76	KMG	G 3" M
5012-64-64	102	KMG	G 4" M
5012-80-80	133	KMG	G 5" M
5012-96-96	152	KMG	G 6" M



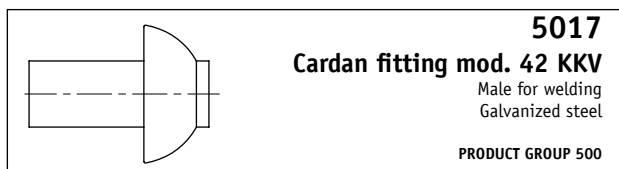
5016
Cardan fitting mod. 42 KKM
 Female for welding
 Galvanized steel
 PRODUCT GROUP 500

Part no.	Fitting size	Type	Pipe dim.
5016-00-32	48	KKM	50.8
5016-00-48	76	KKM	76.0
5016-00-64	102	KKM	102.0
5016-00-80	133	KKM	133.0
5016-00-96	152	KKM	152.4



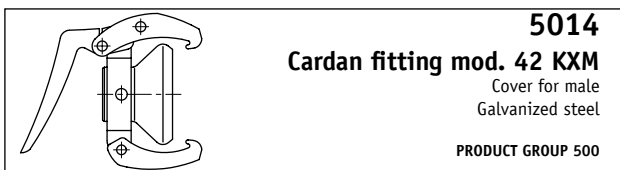
5013
Cardan fitting mod. 42 KVG
 Male with male BSP-thread
 Galvanized steel
 PRODUCT GROUP 500

Part no.	Fitting size	Type	Thread
5013-24-24	38	KVG	G 1 1/2" M
5013-32-24	48	KVG	G 1 1/2" M
5013-32-32	48	KVG	G 2" M
5013-48-32	76	KVG	G 2" M
5013-48-48	76	KVG	G 3" M
5013-64-64	102	KVG	G 4" M
5013-80-80	133	KVG	G 5" M
5013-96-96	152	KVG	G 6" M



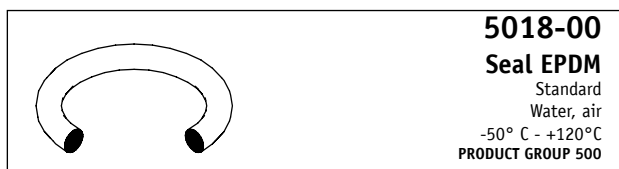
5017
Cardan fitting mod. 42 KKV
 Male for welding
 Galvanized steel
 PRODUCT GROUP 500

Part no.	Fitting size	Type	Pipe dim.
5017-00-32	48	KKV	50.8
5017-00-48	76	KKV	76.0
5017-00-64	102	KKV	102.0
5017-00-80	133	KKV	133.0
5017-00-96	152	KKV	152.4



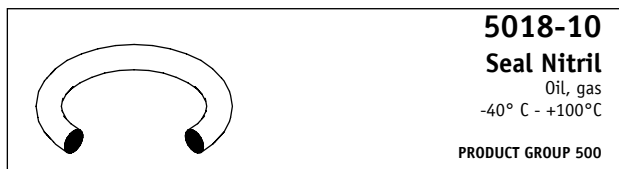
5014
Cardan fitting mod. 42 KXM
 Cover for male
 Galvanized steel
 PRODUCT GROUP 500

Part no.	Fitting size	Type
5014-00-24	38	KXM
5014-00-32	48	KXM
5014-00-40	60	KXM
5014-00-48	76	KXM
5014-00-64	102	KXM
5014-00-80	133	KXM
5014-00-96	152	KXM



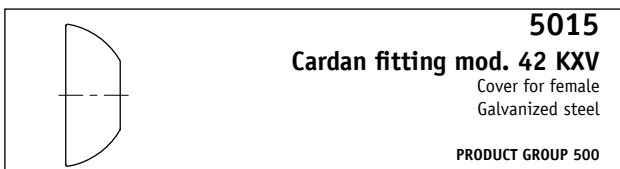
5018-00
Seal EPDM
 Standard
 Water, air
 -50° C - +120° C
 PRODUCT GROUP 500

Part no.	Type	Fitting size
5018-00-32	Seal EPDM	48
5018-00-40	Seal EPDM	60
5018-00-48	Seal EPDM	76
5018-00-64	Seal EPDM	102
5018-00-80	Seal EPDM	133
5018-00-96	Seal EPDM	152



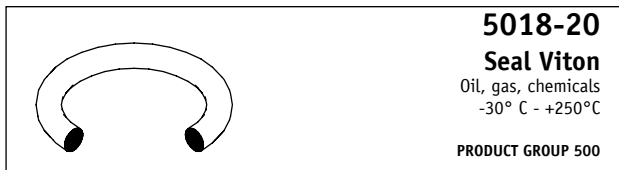
5018-10
Seal Nitril
 Oil, gas
 -40° C - +100° C
 PRODUCT GROUP 500

Part no.	Type	Fitting size
5018-10-32	Seal Nitril	48
5018-10-48	Seal Nitril	76
5018-10-64	Seal Nitril	102
5018-10-80	Seal Nitril	133
5018-10-96	Seal Nitril	152



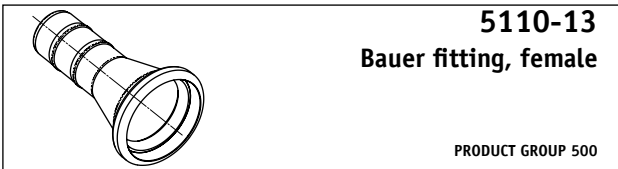
5015
Cardan fitting mod. 42 KXV
 Cover for female
 Galvanized steel
 PRODUCT GROUP 500

Part no.	Fitting size	Type
5015-00-24	38	KXV
5015-00-32	48	KXV
5015-00-40	60	KXV
5015-00-48	76	KXV
5015-00-64	102	KXV
5015-00-80	133	KXV
5015-00-96	152	KXV



5018-20
Seal Viton
 Oil, gas, chemicals
 -30° C - +250° C
 PRODUCT GROUP 500

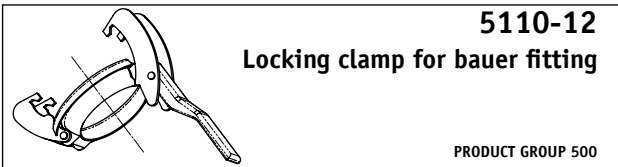
Part no.	Type	Fitting size
5018-20-24	Seal Viton	38
5018-20-32	Seal Viton	48
5018-20-48	Seal Viton	76
5018-20-64	Seal Viton	102
5018-20-80	Seal Viton	133
5018-20-96	Seal Viton	152



5110-13
Bauer fitting, female

PRODUCT GROUP 500

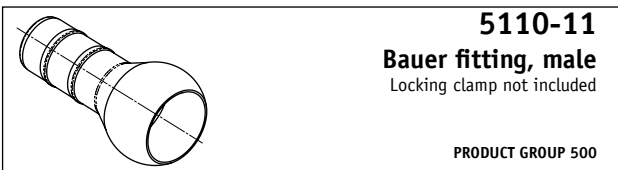
Part no.	Fitting size	Hose ID
5110-13-32	50 x 50 mm	2"
5110-13-48	89 x 76 mm	3"
5110-13-55	89 x 89 mm	3 1/2"
5110-13-64	108 x 100 mm	4"
5110-13-80	133 x 125 mm	5"
5110-13-96	159 x 150 mm	6"



5110-12
Locking clamp for bauer fitting

PRODUCT GROUP 500

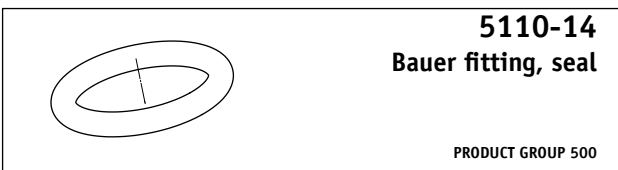
Part no.	Typ	For connection
5110-12-32	Locking clamp	2"
5110-12-48	Locking clamp	3"
5110-12-55	Locking clamp	3 1/2"
5110-12-64	Locking clamp	4"
5110-12-80	Locking clamp	5"
5110-12-96	Locking clamp	6"



5110-11
Bauer fitting, male
Locking clamp not included

PRODUCT GROUP 500

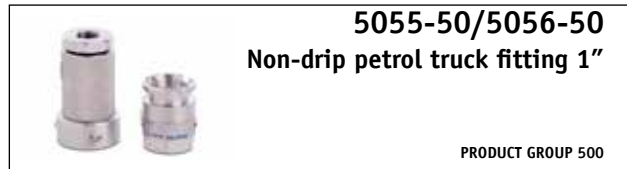
Part no.	Fitting size	Hose ID
5110-11-32	50 x 50 mm	2"
5110-11-48	89 x 76 mm	3"
5110-11-55	89 x 89 mm	3 1/2"
5110-11-64	108 x 100 mm	4"
5110-11-80	133 x 125 mm	5"
5110-11-96	159 x 150 mm	6"



5110-14
Bauer fitting, seal

PRODUCT GROUP 500

Part no.	Type/material	Application	For connection
5110-14-32	Seal/EPDM	-40° C - +120°C	2"
5110-14-48	Seal/EPDM	-40° C - +120°C	3"
5110-14-55	Seal/EPDM	-40° C - +120°C	3 1/2"
5110-14-64	Seal/EPDM	-40° C - +120°C	4"
5110-14-80	Seal/EPDM	-40° C - +120°C	5"
5110-14-96	Seal/EPDM	-40° C - +120°C	6"



5055-50/5056-50
Non-drip petrol truck fitting 1"

PRODUCT GROUP 500

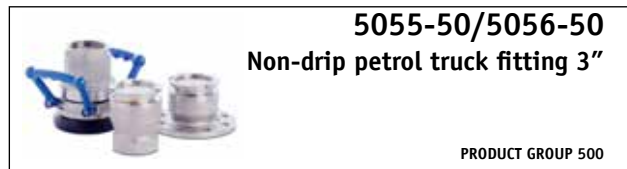
Part no.	Type	Material
5055-50-16A	1" Tank unit 1" FS	Aluminium/Viton
5056-50-16A	1" Hose unit 1" FS	Aluminium/Viton



5055-50/5056-50
Non-drip petrol truck fitting 2"

PRODUCT GROUP 500

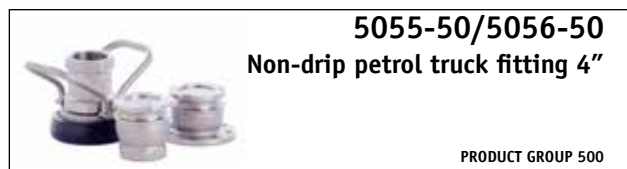
Part no.	Type	Material
5055-50-32A	2" Tank unit 2" F	Aluminium/Viton
5055-50-32M	2" Tank unit 2" F	Brass/Viton
5056-50-32A	2" Hose unit 2" F	Aluminium/Viton
5056-50-32M	2" Hose unit 2" F	Brass/Viton



5055-50/5056-50
Non-drip petrol truck fitting 3"

PRODUCT GROUP 500

Part no.	Type	Material
5055-50-48A	3" Tank unit 3" F	Aluminium/Viton
5055-50-48M	3" Tank unit 3" F	Brass/Viton
5055-50-48S	3" Tank unit 3" F	Stainless steel/Viton
5056-50-48A	3" Hose unit 3" F	Aluminium/Viton
5056-50-48M	3" Hose unit 3" F	Brass/Viton
5056-50-48S	3" Hose unit 3" F	Stainless steel/Viton

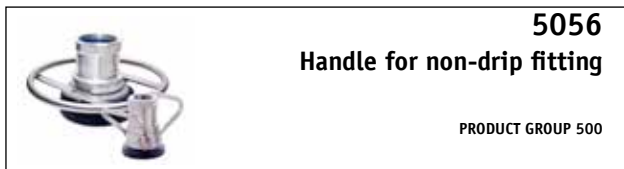


5055-50/5056-50
Non-drip petrol truck fitting 4"

PRODUCT GROUP 500

Part no.	Type	Material
5055-50-64A	4" Tank unit 4" F	Aluminium/Viton
5056-50-64A	4" Hose unit 4" F	Aluminium/Viton
5056-50-64M	4" Hose unit 4" F	Brass/Viton





5056
Handle for non-drip fitting

PRODUCT GROUP 500

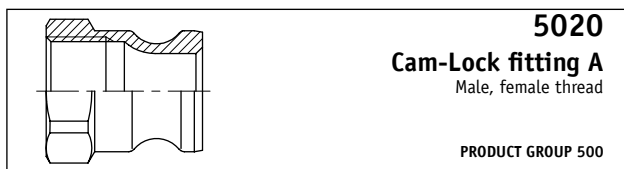
Part no.	Type
5056-70-32	Handle single 2"



5055-60/5056-60
Dust plug/Dust cap for non-drip fitting

PRODUCT GROUP 500

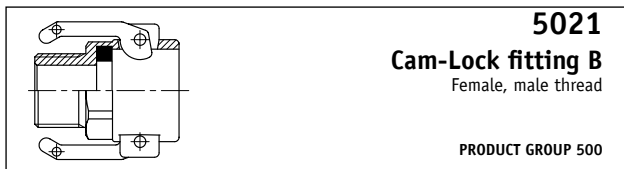
Part no.	Description	Material
5055-60-16	1" Dust plug	Composite
5055-60-32	2" Dust plug	Composite
5055-60-48	3" Dust plug	Composite
5055-60-64	4" Dust plug	Composite
5056-60-16	1" Dust cap	Composite
5056-60-32	2" Dust cap	Composite
5056-60-48	3" Dust cap	Composite
5056-60-64	4" Dust cap	Composite



5020
Cam-Lock fitting A
Male, female thread

PRODUCT GROUP 500

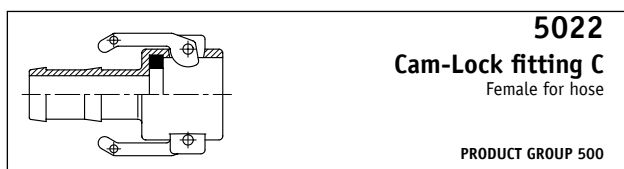
Part no.	Description	Material	Thread
5020-00-16	CAM-AL-A	Aluminium	G 1" F
5020-00-20	CAM-AL-A	Aluminium	G 1 1/4" F
5020-00-24	CAM-AL-A	Aluminium	G 1 1/2" F
5020-00-32	CAM-AL-A	Aluminium	G 2" F
5020-00-40	CAM-AL-A	Aluminium	G 2 1/2" F
5020-00-48	CAM-AL-A	Aluminium	G 3" F
5020-00-64	CAM-AL-A	Aluminium	G 4" F
5020-10-16	CAM-MS-A	Brass	G 1" F
5020-10-20	CAM-MS-A	Brass	G 1 1/4" F
5020-10-24	CAM-MS-A	Brass	G 1 1/2" F
5020-10-32	CAM-MS-A	Brass	G 2" F
5020-10-40	CAM-MS-A	Brass	G 2 1/2" F
5020-10-48	CAM-MS-A	Brass	G 3" F
5020-10-64	CAM-MS-A	Brass	G 4" F
5020-20-16	CAM-SF-A	Stainless steel	G 1" F
5020-20-20	CAM-SF-A	Stainless steel	G 1 1/4" F
5020-20-24	CAM-SF-A	Stainless steel	G 1 1/2" F
5020-20-32	CAM-SF-A	Stainless steel	G 2" F
5020-20-40	CAM-SF-A	Stainless steel	G 2 1/2" F
5020-20-48	CAM-SF-A	Stainless steel	G 3" F
5020-20-64	CAM-SF-A	Stainless steel	G 4" F
5020-30-16	CAM-PP-A	Polypropylene	G 1" F
5020-30-20	CAM-PP-A	Polypropylene	G 1 1/4" F
5020-30-24	CAM-PP-A	Polypropylene	G 1 1/2" F
5020-30-32	CAM-PP-A	Polypropylene	G 2" F
5020-30-48	CAM-PP-A	Polypropylene	G 3" F



5021
Cam-Lock fitting B
Female, male thread

PRODUCT GROUP 500

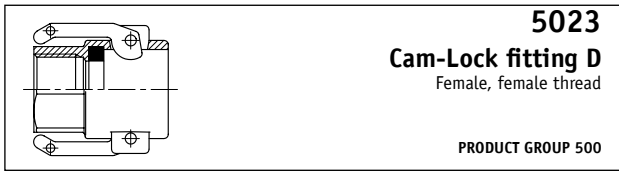
Part no.	Description	Material	Thread
5021-00-16	CAM-AL-B	Aluminium	G 1" M
5021-00-20	CAM-AL-B	Aluminium	G 1 1/4" M
5021-00-24	CAM-AL-B	Aluminium	G 1 1/2" M
5021-00-32	CAM-AL-B	Aluminium	G 2" M
5021-00-40	CAM-AL-B	Aluminium	G 2 1/2" M
5021-00-48	CAM-AL-B	Aluminium	G 3" M
5021-00-64	CAM-AL-B	Aluminium	G 4" M
5021-10-16	CAM-MS-B	Brass	G 1" M
5021-10-20	CAM-MS-B	Brass	G 1 1/4" M
5021-10-24	CAM-MS-B	Brass	G 1 1/2" M
5021-10-32	CAM-MS-B	Brass	G 2" M
5021-10-40	CAM-MS-B	Brass	G 2 1/2" M
5021-10-48	CAM-MS-B	Brass	G 3" M
5021-10-64	CAM-MS-B	Brass	G 4" M
5021-20-16	CAM-SF-B	Stainless steel	G 1" M
5021-20-20	CAM-SF-B	Stainless steel	G 1 1/4" M
5021-20-24	CAM-SF-B	Stainless steel	G 1 1/2" M
5021-20-32	CAM-SF-B	Stainless steel	G 2" M
5021-20-40	CAM-SF-B	Stainless steel	G 2 1/2" M
5021-20-48	CAM-SF-B	Stainless steel	G 3" M
5021-20-64	CAM-SF-B	Stainless steel	G 4" M
5021-30-16	CAM-PP-B	Polypropylene	G 1" M
5021-30-20	CAM-PP-B	Polypropylene	G 1 1/4" M
5021-30-24	CAM-PP-B	Polypropylene	G 1 1/2" M
5021-30-32	CAM-PP-B	Polypropylene	G 2" M
5021-30-48	CAM-PP-B	Polypropylene	G 3" M



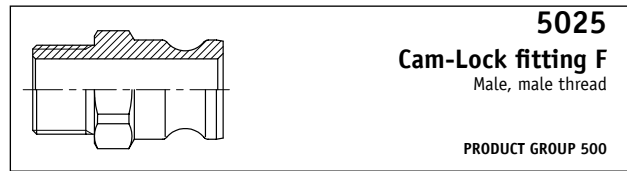
5022
Cam-Lock fitting C
Female for hose

PRODUCT GROUP 500

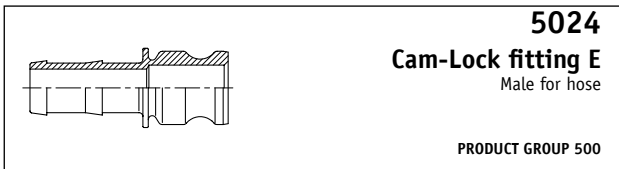
Part no.	Description	Material	Hose ID
5022-00-16	CAM-AL-C	Aluminium	1"
5022-00-20	CAM-AL-C	Aluminium	1 1/4"
5022-00-24	CAM-AL-C	Aluminium	1 1/2"
5022-00-32	CAM-AL-C	Aluminium	2"
5022-00-40	CAM-AL-C	Aluminium	2 1/2"
5022-00-48	CAM-AL-C	Aluminium	3"
5022-00-64	CAM-AL-C	Aluminium	4"
5022-10-16	CAM-MS-C	Brass	1"
5022-10-20	CAM-MS-C	Brass	1 1/4"
5022-10-24	CAM-MS-C	Brass	1 1/2"
5022-10-32	CAM-MS-C	Brass	2"
5022-10-40	CAM-MS-C	Brass	2 1/2"
5022-10-48	CAM-MS-C	Brass	3"
5022-10-64	CAM-MS-C	Brass	4"
5022-20-16	CAM-SF-C	Stainless steel	1"
5022-20-20	CAM-SF-C	Stainless steel	1 1/4"
5022-20-24	CAM-SF-C	Stainless steel	1 1/2"
5022-20-32	CAM-SF-C	Stainless steel	2"
5022-20-40	CAM-SF-C	Stainless steel	2 1/2"
5022-20-48	CAM-SF-C	Stainless steel	3"
5022-20-64	CAM-SF-C	Stainless steel	4"
5022-30-16	CAM-PP-C	Polypropylene	1"
5022-30-20	CAM-PP-C	Polypropylene	1 1/4"
5022-30-24	CAM-PP-C	Polypropylene	1 1/2"
5022-30-32	CAM-PP-C	Polypropylene	2"
5022-30-48	CAM-PP-C	Polypropylene	3"



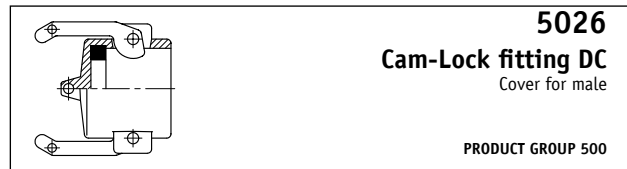
Part no.	Description	Material	Thread
5023-00-16	CAM-AL-D	Aluminium	G 1" F
5023-00-20	CAM-AL-D	Aluminium	G 1 1/4" F
5023-00-24	CAM-AL-D	Aluminium	G 1 1/2" F
5023-00-32	CAM-AL-D	Aluminium	G 2" F
5023-00-40	CAM-AL-D	Aluminium	G 2 1/2" F
5023-00-48	CAM-AL-D	Aluminium	G 3" F
5023-00-64	CAM-AL-D	Aluminium	G 4" F
5023-10-16	CAM-MS-D	Brass	G 1" F
5023-10-20	CAM-MS-D	Brass	G 1 1/4" F
5023-10-24	CAM-MS-D	Brass	G 1 1/2" F
5023-10-32	CAM-MS-D	Brass	G 2" F
5023-10-40	CAM-MS-D	Brass	G 2 1/2" F
5023-10-48	CAM-MS-D	Brass	G 3" F
5023-10-64	CAM-MS-D	Brass	G 4" F
5023-20-16	CAM-SF-D	Stainless steel	G 1" F
5023-20-20	CAM-SF-D	Stainless steel	G 1 1/4" F
5023-20-24	CAM-SF-D	Stainless steel	G 1 1/2" F
5023-20-32	CAM-SF-D	Stainless steel	G 2" F
5023-20-40	CAM-SF-D	Stainless steel	G 2 1/2" F
5023-20-48	CAM-SF-D	Stainless steel	G 3" F
5023-20-64	CAM-SF-D	Stainless steel	G 4" F
5023-30-16	CAM-PP-D	Polypropylene	G 1" F
5023-30-20	CAM-PP-D	Polypropylene	G 1 1/4" F
5023-30-24	CAM-PP-D	Polypropylene	G 1 1/2" F
5023-30-32	CAM-PP-D	Polypropylene	G 2" F
5023-30-48	CAM-PP-D	Polypropylene	G 3" F



Part no.	Description	Material	Thread
5025-00-16	CAM-AL-F	Aluminium	G 1" M
5025-00-20	CAM-AL-F	Aluminium	G 1 1/4" M
5025-00-24	CAM-AL-F	Aluminium	G 1 1/2" M
5025-00-32	CAM-AL-F	Aluminium	G 2" M
5025-00-40	CAM-AL-F	Aluminium	G 2 1/2" M
5025-00-48	CAM-AL-F	Aluminium	G 3" M
5025-00-64	CAM-AL-F	Aluminium	G 4" M
5025-10-16	CAM-MS-F	Brass	G 1" M
5025-10-20	CAM-MS-F	Brass	G 1 1/4" M
5025-10-24	CAM-MS-F	Brass	G 1 1/2" M
5025-10-32	CAM-MS-F	Brass	G 2" M
5025-10-40	CAM-MS-F	Brass	G 2 1/2" M
5025-10-48	CAM-MS-F	Brass	G 3" M
5025-10-64	CAM-MS-F	Brass	G 4" M
5025-20-16	CAM-SF-F	Stainless steel	G 1" M
5025-20-20	CAM-SF-F	Stainless steel	G 1 1/4" M
5025-20-24	CAM-SF-F	Stainless steel	G 1 1/2" M
5025-20-32	CAM-SF-F	Stainless steel	G 2" M
5025-20-40	CAM-SF-F	Stainless steel	G 2 1/2" M
5025-20-48	CAM-SF-F	Stainless steel	G 3" M
5025-20-64	CAM-SF-F	Stainless steel	G 4" M
5025-30-16	CAM-PP-F	Polypropylene	G 1" M
5025-30-20	CAM-PP-F	Polypropylene	G 1 1/4" M
5025-30-24	CAM-PP-F	Polypropylene	G 1 1/2" M
5025-30-32	CAM-PP-F	Polypropylene	G 2" M
5025-30-48	CAM-PP-F	Polypropylene	G 3" M

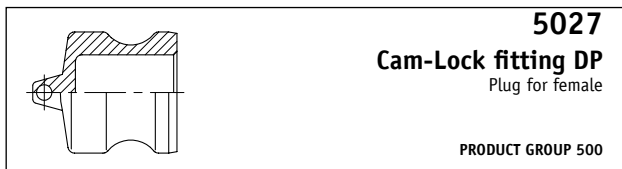


Part no.	Description	Material	Hose ID
5024-00-16	CAM-AL-E	Aluminium	1"
5024-00-20	CAM-AL-E	Aluminium	1 1/4"
5024-00-24	CAM-AL-E	Aluminium	1 1/2"
5024-00-32	CAM-AL-E	Aluminium	2"
5024-00-40	CAM-AL-E	Aluminium	2 1/2"
5024-00-48	CAM-AL-E	Aluminium	3"
5024-00-64	CAM-AL-E	Aluminium	4"
5024-10-16	CAM-MS-E	Brass	1"
5024-10-20	CAM-MS-E	Brass	1 1/4"
5024-10-24	CAM-MS-E	Brass	1 1/2"
5024-10-32	CAM-MS-E	Brass	2"
5024-10-40	CAM-MS-E	Brass	2 1/2"
5024-10-48	CAM-MS-E	Brass	3"
5024-10-64	CAM-MS-E	Brass	4"
5024-20-16	CAM-SF-E	Stainless steel	1"
5024-20-20	CAM-SF-E	Stainless steel	1 1/4"
5024-20-24	CAM-SF-E	Stainless steel	1 1/2"
5024-20-32	CAM-SF-E	Stainless steel	2"
5024-20-40	CAM-SF-E	Stainless steel	2 1/2"
5024-20-48	CAM-SF-E	Stainless steel	3"
5024-20-64	CAM-SF-E	Stainless steel	4"
5024-30-16	CAM-PP-E	Polypropylene	1"
5024-30-20	CAM-PP-E	Polypropylene	1 1/4"
5024-30-24	CAM-PP-E	Polypropylene	1 1/2"
5024-30-32	CAM-PP-E	Polypropylene	2"
5024-30-48	CAM-PP-E	Polypropylene	3"



Part no.	Description	Material	Dim.
5026-00-16	CAM-AL-DC	Aluminium	1"
5026-00-20	CAM-AL-DC	Aluminium	1 1/4"
5026-00-24	CAM-AL-DC	Aluminium	1 1/2"
5026-00-32	CAM-AL-DC	Aluminium	2"
5026-00-40	CAM-AL-DC	Aluminium	2 1/2"
5026-00-48	CAM-AL-DC	Aluminium	3"
5026-00-64	CAM-AL-DC	Aluminium	4"
5026-10-16	CAM-MS-DC	Brass	1"
5026-10-20	CAM-MS-DC	Brass	1 1/4"
5026-10-24	CAM-MS-DC	Brass	1 1/2"
5026-10-32	CAM-MS-DC	Brass	2"
5026-10-40	CAM-MS-DC	Brass	2 1/2"
5026-10-48	CAM-MS-DC	Brass	3"
5026-10-64	CAM-MS-DC	Brass	4"
5026-20-16	CAM-SF-DC	Stainless steel	1"
5026-20-20	CAM-SF-DC	Stainless steel	1 1/4"
5026-20-24	CAM-SF-DC	Stainless steel	1 1/2"
5026-20-32	CAM-SF-DC	Stainless steel	2"
5026-20-40	CAM-SF-DC	Stainless steel	2 1/2"
5026-20-48	CAM-SF-DC	Stainless steel	3"
5026-20-64	CAM-SF-DC	Stainless steel	4"
5026-30-16	CAM-PP-DC	Polypropylene	1"
5026-30-20	CAM-PP-DC	Polypropylene	1 1/4"
5026-30-24	CAM-PP-DC	Polypropylene	1 1/2"
5026-30-32	CAM-PP-DC	Polypropylene	2"
5026-30-48	CAM-PP-DC	Polypropylene	3"

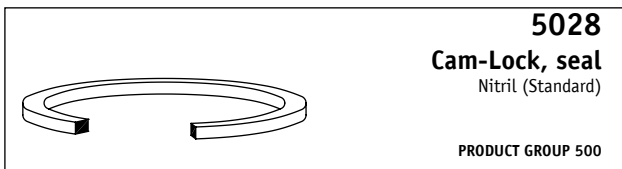




5027
Cam-Lock fitting DP
Plug for female

PRODUCT GROUP 500

Part no.	Description	Material	Dim.
5027-00-16	CAM-AL-DP	Aluminium	1"
5027-00-20	CAM-AL-DP	Aluminium	1 1/4"
5027-00-24	CAM-AL-DP	Aluminium	1 1/2"
5027-00-32	CAM-AL-DP	Aluminium	2"
5027-00-40	CAM-AL-DP	Aluminium	2 1/2"
5027-00-48	CAM-AL-DP	Aluminium	3"
5027-00-64	CAM-AL-DP	Aluminium	4"
5027-10-16	CAM-MS-DP	Brass	1"
5027-10-20	CAM-MS-DP	Brass	1 1/4"
5027-10-24	CAM-MS-DP	Brass	1 1/2"
5027-10-32	CAM-MS-DP	Brass	2"
5027-10-40	CAM-MS-DP	Brass	2 1/2"
5027-10-48	CAM-MS-DP	Brass	3"
5027-10-64	CAM-MS-DP	Brass	4"
5027-20-16	CAM-SF-DP	Stainless steel	1"
5027-20-20	CAM-SF-DP	Stainless steel	1 1/4"
5027-20-24	CAM-SF-DP	Stainless steel	1 1/2"
5027-20-32	CAM-SF-DP	Stainless steel	2"
5027-20-40	CAM-SF-DP	Stainless steel	2 1/2"
5027-20-48	CAM-SF-DP	Stainless steel	3"
5027-20-64	CAM-SF-DP	Stainless steel	4"
5027-30-16	CAM-PP-DP	Polypropylene	1"
5027-30-20	CAM-PP-DP	Polypropylene	1 1/4"
5027-30-24	CAM-PP-DP	Polypropylene	1 1/2"
5027-30-32	CAM-PP-DP	Polypropylene	2"
5027-30-48	CAM-PP-DP	Polypropylene	3"



5028
Cam-Lock, seal
Nitril (Standard)

PRODUCT GROUP 500

Part no.	Description/Mtrl	Temperature	Dim.
5028-00-08	Seal Nitril	-40° C - +90° C	1/2"
5028-00-12	Seal Nitril	-40° C - +90° C	3/4"
5028-00-16	Seal Nitril	-40° C - +90° C	1"
5028-00-20	Seal Nitril	-40° C - +90° C	1 1/4"
5028-00-24	Seal Nitril	-40° C - +90° C	1 1/2"
5028-00-32	Seal Nitril	-40° C - +90° C	2"
5028-00-40	Seal Nitril	-40° C - +90° C	2 1/2"
5028-00-48	Seal Nitril	-40° C - +90° C	3"
5028-00-64	Seal Nitril	-40° C - +90° C	4"
5028-10-16	Seal EPDM	-30° C - +149° C	1"
5028-10-20	Seal EPDM	-30° C - +149° C	1 1/4"
5028-10-24	Seal EPDM	-30° C - +149° C	1 1/2"
5028-10-32	Seal EPDM	-30° C - +149° C	2"
5028-10-40	Seal EPDM	-30° C - +149° C	2 1/2"
5028-10-48	Seal EPDM	-30° C - +149° C	3"
5028-10-64	Seal EPDM	-30° C - +149° C	4"
5028-20-08	Seal Viton	-40° C - +200° C	1/2"
5028-20-12	Seal Viton	-40° C - +200° C	3/4"
5028-20-16	Seal Viton	-40° C - +200° C	1"
5028-20-20	Seal Viton	-40° C - +200° C	1 1/4"
5028-20-24	Seal Viton	-40° C - +200° C	1 1/2"
5028-20-32	Seal Viton	-40° C - +200° C	2"
5028-20-40	Seal Viton	-40° C - +200° C	2 1/2"
5028-20-48	Seal Viton	-40° C - +200° C	3"
5028-20-64	Seal Viton	-40° C - +200° C	4"



5050
Safety clamps

PRODUCT GROUP 500

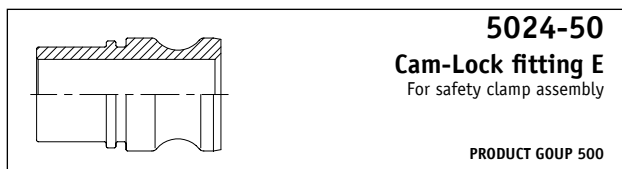
Part no.	Description	Material	Hose dim.
5050-00-12	Safety clamps	Aluminium	19 x 6 mm
5050-00-16	Safety clamps	Aluminium	25 x 6 mm
5050-00-20	Safety clamps	Aluminium	32 x 6 mm
5050-00-24	Safety clamps	Aluminium	38 x 6,5 mm
5050-00-32	Safety clamps	Aluminium	50 x 6 mm
5050-00-40	Safety clamps	Aluminium	63 x 8 mm
5050-00-48	Safety clamps	Aluminium	75 x 8 mm
5050-00-64	Safety clamps	Aluminium	100 x 8 mm
5050-20-16	Safety clamps	Stainless steel	25 x 6 mm
5050-20-24	Safety clamps	Stainless steel	38 x 6,5 mm
5050-20-32	Safety clamps	Stainless steel	50 x 8 mm
5050-20-48	Safety clamps	Stainless steel	75 x 8 mm
5050-20-64	Safety clamps	Stainless steel	100 x 8 mm



5022-50
Cam-Lock fitting C
For safety clamp assembly

PRODUCT GROUP 500

Part no.	Description	Material	Hose ID
5022-50-12	CAM-SF-C DIN2828	Stainless steel	19 mm
5022-50-16	CAM-SF-C DIN2828	Stainless steel	25 mm
5022-50-20	CAM-SF-C DIN2828	Stainless steel	32 mm
5022-50-24	CAM-SF-C DIN2828	Stainless steel	38 mm
5022-50-32	CAM-SF-C DIN2828	Stainless steel	50 mm
5022-50-40	CAM-SF-C DIN2828	Stainless steel	63 mm
5022-50-48	CAM-SF-C DIN2828	Stainless steel	75 mm



5024-50
Cam-Lock fitting E
For safety clamp assembly

PRODUCT GOUP 500

Part no.	Description	Material	Hose ID
5024-50-12	CAM-SF-E DIN2828	Stainless steel	19 mm
5024-50-16	CAM-SF-E DIN2828	Stainless steel	25 mm
5024-50-20	CAM-SF-E DIN2828	Stainless steel	32 mm
5024-50-24	CAM-SF-E DIN2828	Stainless steel	38 mm
5024-50-32	CAM-SF-E DIN2828	Stainless steel	50 mm
5024-50-40	CAM-SF-E DIN2828	Stainless steel	63 mm
5024-50-48	CAM-SF-E DIN2828	Stainless steel	75 mm



5051-20
Dairy fitting, M
For safety clamp assembly
Stainless steel

PRODUCT GROUP 500

Part no.	Description	Thread	Hose ID
5051-20-16	Dairy fitting SMS	G 1" M	25 mm
5051-20-20	Dairy fitting SMS	G 1 1/4" M	32 mm
5051-20-24	Dairy fitting SMS	G 1 1/2" M	38 mm
5051-20-32	Dairy fitting SMS	G 2" M	50 mm
5051-20-48	Dairy fitting SMS	G 3" M	75 mm
5051-20-64	Dairy fitting SMS	G 4" M	100 mm



5052-20
Dairy fitting, FS
 For safety clamp assembly
 Stainless steel
PRODUCT GROUP 500

Part no.	Description	Hose ID
5052-20-16	Dairy fitting SMS	25 mm
5052-20-20	Dairy fitting SMS	32 mm
5052-20-24	Dairy fitting SMS	38 mm
5052-20-32	Dairy fitting SMS	50 mm
5052-20-48	Dairy fitting SMS	75 mm
5052-20-64	Dairy fitting SMS	100 mm



5053
Hose fitting, M
 For safety clamp assembly
 DIN 2817
PRODUCT GROUP 500

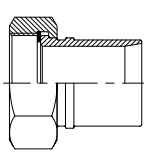
Part no.	Description	Thread	Hose ID.
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Stainless steel

5053-20-12	Hose fitting-SS	G 3/4" M	19 mm
5053-20-16	Hose fitting-SS	G 1" M	25 mm
5053-20-20	Hose fitting-SS	G 1 1/4" M	32 mm
5053-20-24	Hose fitting-SS	G 1 1/2" M	38 mm
5053-20-32	Hose fitting-SS	G 2" M	50 mm
5053-20-40	Hose fitting-SS	G 2 1/2" M	63 mm
5053-20-48	Hose fitting-SS	G 3" M	75 mm
5053-20-64	Hose fitting-SS	G 4" M	100 mm

Brass

5053-40-12	Hose fitting-Brass	G 3/4" M	19 mm
5053-40-16	Hose fitting-Brass	G 1" M	25 mm
5053-40-20	Hose fitting-Brass	G 1 1/4" M	32 mm
5053-40-24	Hose fitting-Brass	G 1 1/2" M	38 mm
5053-40-32	Hose fitting-Brass	G 2" M	50 mm
5053-40-48	Hose fitting-Brass	G 3" M	75 mm
5053-40-64	Hose fitting-Brass	G 4" M	100 mm



5054
Hose fitting, FS
 For safety clamp assembly DIN 2817
PRODUCT GROUP 500

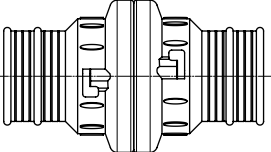
Part no.	Description	Thread	Hose ID
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Stainless steel

5054-20-12	Hose fitting-SS	G 3/4" FS	19 mm
5054-20-16	Hose fitting-SS	G 1" FS	25 mm
5054-20-20	Hose fitting-SS	G 1 1/4" FS	32 mm
5054-20-24	Hose fitting-SS	G 1 1/2" FS	38 mm
5054-20-32	Hose fitting-SS	G 2" FS	50 mm
5054-20-40	Hose fitting-SS	G 2 1/2" FS	63 mm
5054-20-48	Hose fitting-SS	G 3" FS	75 mm
5054-20-64	Hose fitting-SS	G 4" FS	100 mm

Brass

5054-40-12	Hose fitting-Brass	G 3/4" FS	19 mm
5054-40-16	Hose fitting-Brass	G 1" FS	25 mm
5054-40-20	Hose fitting-Brass	G 1 1/4" FS	32 mm
5054-40-24	Hose fitting-Brass	G 1 1/2" FS	38 mm
5054-40-32	Hose fitting-Brass	G 2" FS	50 mm
5054-40-48	Hose fitting-Brass	G 3" FS	75 mm
5054-40-64	Hose fitting-Brass	G 4" FS	100 mm



5056-30
Fire fitting 63
 Hose connection. Delivered in pairs.
PRODUCT GROUP 500

Part no.	Material	Hose ID
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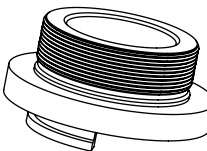
5056-30-32	PRESSAL	2"
5056-30-40	PRESSAL	2 1/2"
5056-30-48	PRESSAL	3"



5056-31
Fire fitting 63
 Female thread
PRODUCT GROUP 500

Part no.	Material	Thread
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5056-31-32	PRESSAL	G 2" F
5056-31-40	PRESSAL	G 2 1/2" F



5056-32
Fire fitting 63
 Male thread
PRODUKTGRUPP 500

Part no.	Material	Thread
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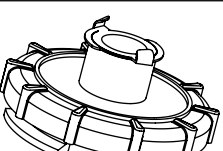
5056-32-32	PRESSAL	G 2" M
5056-32-40	PRESSAL	G 2 1/2" M



5056-33
Fire fitting 63
 Cover with chain
PRODUCT GROUP 500

Part no.	Material
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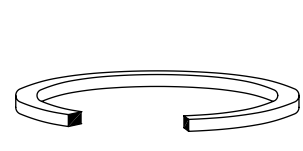
5056-33-40	PRESSAL
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5056-34
Fire fitting 63
 Reducer fitting system 63/32
PRODUCT GROUP 500

Part no.	Material
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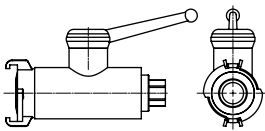
5056-34-40	PRESSAL/Brass
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5056-35
Fire fitting 63
 Seal
PRODUCT GROUP 500

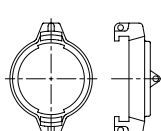
Part no.	Material
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5056-35-40	Chloroprene
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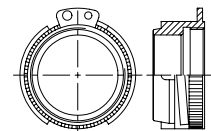
5491-00-03
Fire fitting 63
 Flush nozzle
 PRODUCT GROUP 500

Part no.	Material
5491-00-03	PRESSAL



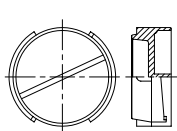
5057
TW Cover for petrol truck fitting
 DIN 28450, male
 Stainless steel
 PRODUCT GROUP 500

Part no.	Description	Type	Size
5057-20-32	Cover for male	MB 50/SS	2"
5057-20-48	Cover for male	MB 80/SS	3"
5057-20-64	Cover for male	MB 100/SS	4"



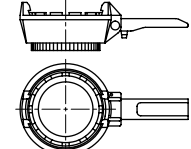
5055-20
TW Petrol truck fitting
 DIN 28450, male
 Stainless steel
 PRODUCT GROUP 500

Part no.	Description	Type	Thread	Size
5055-20-32	Petrol truck fitting	VK 50/SS	G 2" F	2"
5055-20-48	Petrol truck fitting	VK 80/SS	G 3" F	3"
5055-20-64	Petrol truck fitting	VK 100/SS	G 4" F	4"



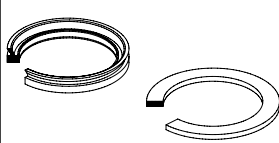
5058
TW Cover for petrol truck fitting
 DIN 28450, female
 Stainless steel
 PRODUCT GROUP 500

Part no.	Description	Type	Size
5058-20-32	Cover for female	VB 50/SS	2"
5058-20-48	Cover for female	VB 80/SS	3"



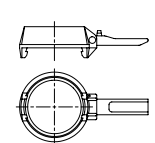
5056-20
TW Petrol truck fitting
 DIN 28450, female
 Stainless steel
 PRODUCT GROUP 500

Part no.	Description	Type	Thread	Size
5056-20-32	Petrol truck fitting	MK 50/SS	G 2" F	2"
5056-20-48	Petrol truck fitting	MK 80/SS	G 3" F	3"
5056-20-64	Petrol truck fitting	MK 100/SS	G 4" F	4"



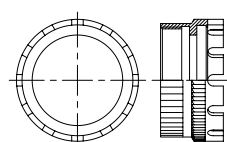
5056-27/28
TW Seal Hypalon/P.T.F.E for petrol truck fitting
 DIN 28450
 PRODUCT GROUP 500

Part no.	Description	Type	Storlek
5056-27-32	Seal Hypalon	TWHS 50	2"
5056-27-48	Seal Hypalon	TWHS 80	3"
5056-27-64	Seal Hypalon	TWHS 100	4"
5056-28-32	Seal P.T.F.E.	TS 50 T	2"
5056-28-48	Seal P.T.F.E.	TS 80 T	3"
5056-28-64	Seal P.T.F.E.	TS 100 T	4"



5056-25
TW Lock ring for petrol truck fitting
 DIN 28450, female
 Stainless steel
 PRODUCT GROUP 500

Part no.	Description	Type	Size
5056-25-32	Lock ring	MKLR 50/SS	2"
5056-25-48	Lock ring	MKLR 80/SS	3"
5056-25-64	Lock ring	MKLR 100/SS	4"



5056-26
TW Seal ring for petrol truck fitting
 DIN 28450, female
 Stainless steel
 PRODUCT GROUP 500

Part no.	Description	Type	Thread	Size
5056-26-32	Seal ring	MKSR 50/SS	G 2" F	2"
5056-26-48	Seal ring	MKSR 80/SS	G 3" F	3"
5056-26-64	Seal ring	MKSR 100/SS	G 4" F	4"



5059-00
Flange PN16-solid
 For safety clamp assembly

PRODUCT GROUP 500

Part no.	Description	Hose ID
5059-00-24	Flange PN16 - solid	38 mm
5059-00-32	Flange PN16 - solid	50 mm
5059-00-40	Flange PN16 - solid	63 mm
5059-00-48	Flange PN16 - solid	75 mm
5059-00-64	Flange PN16 - solid	100 mm



5059-50
Flange PN16-swivel
 For safety clamp assembly

PRODUCT GROUP 500

Part no.	Description	Hose ID
5059-50-24	Flange PN16-swivel	38 mm
5059-50-32	Flange PN16-swivel	50 mm
5059-50-40	Flange PN16-swivel	63 mm
5059-50-48	Flange PN16-swivel	75 mm
5059-50-64	Flange PN16-swivel	100 mm



5059-20
Flange PN16-solid
 For safety clamp assembly
 Stainless steel AISI 316

PRODUCT GROUP 500

Part no.	Description	Hose ID
5059-20-24	Flange PN16-solid/SS	38 mm
5059-20-32	Flange PN16-solid/SS	50 mm
5059-20-40	Flange PN16-solid/SS	63 mm
5059-20-48	Flange PN16-solid/SS	75 mm
5059-20-64	Flange PN16-solid/SS	100 mm



5059-70
Flange PN16-swivel
 For safety clamp assembly
 Stainless steel AISI 316

PRODUCT GROUP 500

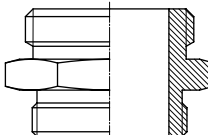
Part no.	Description	Hose ID
5059-70-24	Flange PN16-swivel/SS	38 mm
5059-70-32	Flange PN16-swivel/SS	50 mm
5059-70-40	Flange PN16-swivel/SS	63 mm
5059-70-48	Flange PN16-swivel/SS	75 mm
5059-70-64	Flange PN16-swivel/SS	100 mm



5079-00-01
Crimp ring
 Well drilling

PRODUCT GROUP 500

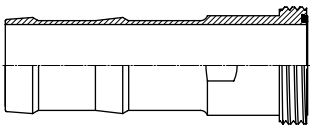
Part no.	Description
5079-00-01	Crimp ring for 5079-00-02



5079-00-07
Compressor fitting, straight

PRODUCT GROUP 500

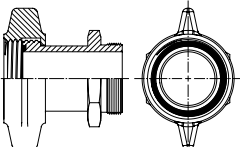
Part no.	Description
5079-00-07	Atlas 2" M – BSP 2" M



5079-00-02
Crimp pipe
 Well drilling

PRODUCT GROUP 500

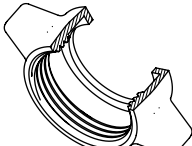
Part no.	Description	Thread	Hose ID
5079-00-02	Crimp pipe	Atlas 2" M	51 mm



5079-00-08
Compressor fitting
 Well drilling

PRODUCT GROUP 500

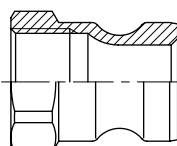
Part no.	Description
5079-00-08	Atlas 2" FS– BSP 2" M



5079-00-03
Wing nut
 Well drilling

PRODUCT GROUP 500

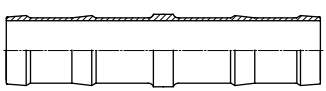
Part no.	Description	Thread
5079-00-03	Wing nut To be assembled with 5079-00-02	Atlas 2" FS



5201
Concrete fitting system 22
 Male, BSP F

PRODUCT GROUP 500

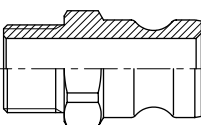
Part no.	Description	Size mm	Type size	Thread
5201-35-16	Male fitting	35	25	G 1" F
5201-41-16	Male fitting	41	x25	G 1" F
5201-41-20	Male fitting	41	x25	G 1 1/4" F
5201-50-16	Male fitting	50	35	G 1" F
5201-50-20	Male fitting	50	35	G 1 1/4" F
5201-50-24	Male fitting	50	35	G 1 1/2" F
5201-50-32	Male fitting	50	35	G 2" F
5201-63-20	Male fitting	63	50	G 1 1/4" F
5201-63-24	Male fitting	63	50	G 1 1/2" F
5201-63-32	Male fitting	63	50	G 2" F



5079-00-04
Connector pipe
 Well drilling

PRODUCT GROUP 500


Part no.	Description	Hose ID
5079-00-04	Connector pipe	51 mm



5202
Concrete fitting system 22
 Male, BSP M

PRODUCT GROUP 500

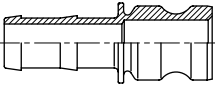
Part no.	Description	Size ID	Type size	Thread
5202-35-16	Male fitting	35	25	G 1" M
5202-41-16	Male fitting	41	x25	G 1" M
5202-50-20	Male fitting	50	35	G 1 1/4" M
5202-63-32	Male fitting	63	50	G 2" M



5079-00-05
Seal
 Well-drilling

PRODUCT GROUP 500


Part no.	Description
5079-00-05	Seal for 5079-00-02, 5079-00-06



5203
Concrete fitting system 22
 Male for hose. Assembly with safety clamps.

PRODUCT GROUP 500

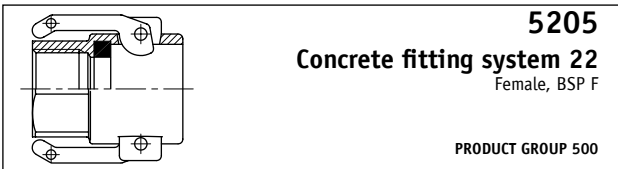
Part no.	Description	Size ID	Type size	Hose ID
5203-35-16	Male fitting	35	25	25 mm
5203-41-16	Male fitting	41	x25	25 mm
5203-50-22	Male fitting	50	35	35 mm
5203-50-24	Male fitting	50	35	38 mm
5203-63-32	Male fitting	63	50	50 mm



5079-00-06
Compressor elbow 90°

PRODUCT GROUP 500

Part no.	Description
5079-00-06	Atlas 2" FS – Atlas 2" M

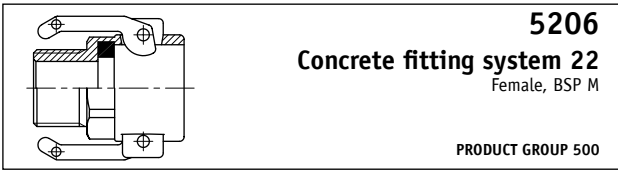


5205
Concrete fitting system 22
Female, BSP F

PRODUCT GROUP 500

Part no.	Description	Size ID	Type size	Thread
5205-35-16	Female fitting	35	25	G 1" F*
5205-42-16	Female fitting	42	x25	G 1" F
5205-51-16	Female fitting	51	35	G 1" F
5205-51-20	Female fitting	51	35	G 1 1/4" F
5205-51-24	Female fitting	51	35	G 1 1/2" F
5205-64-32	Female fitting	64	50	G 2" F
5205-64-40	Female fitting	64	50	G 2 1/2" F

*) One handle

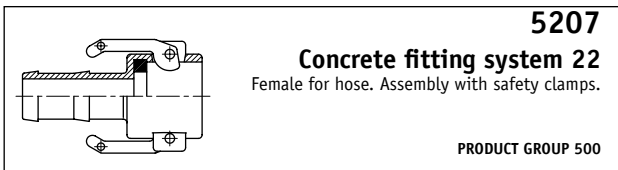


5206
Concrete fitting system 22
Female, BSP M

PRODUCT GROUP 500

Part no.	Description	Size ID	Type Size	Thread
5206-35-16	Female fitting	35	25	G 1" M*
5206-42-16	Female fitting	42	x25	G 1" M
5206-51-20	Female fitting	51	35	G 1 1/4" M
5206-64-32	Female fitting	64	50	G 2" M
5206-64-40	Female fitting	64	50	G 2 1/2" M

*) One handle

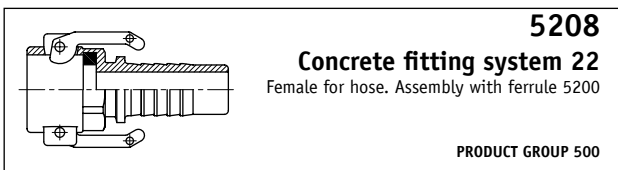


5207
Concrete fitting system 22
Female for hose. Assembly with safety clamps.

PRODUCT GROUP 500

Part no.	Description	Size ID	Type Size	Hose ID
5207-35-16	Female fitting	35	25	25 mm*
5207-42-16	Female fitting	42	x25	25 mm
5207-51-22	Female fitting	51	35	35 mm
5207-51-24	Female fitting	51	35	38 mm
5207-64-32	Female fitting	64	50	50 mm

*) One handle

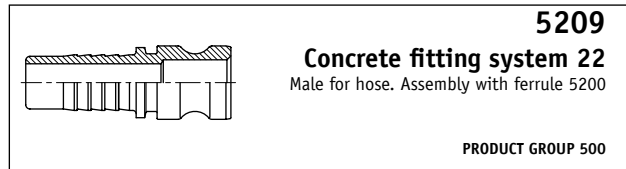


5208
Concrete fitting system 22
Female for hose. Assembly with ferrule 5200

PRODUCT GROUP 500

Part no.	Description	Size ID	Type Size	Hose ID
5208-35-16	Female fitting	35	25	25 mm*
5208-42-16	Female fitting	42	x25	25 mm
5208-51-22	Female fitting	51	35	35 mm
5208-51-24	Female fitting	51	35	38 mm
5208-64-32	Female fitting	64	50	50 mm

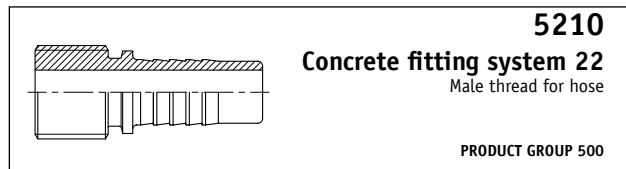
*) One handle



5209
Concrete fitting system 22
Male for hose. Assembly with ferrule 5200

PRODUCT GROUP 500

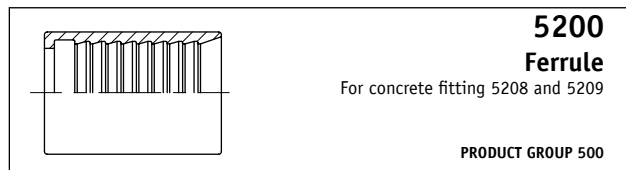
Part no.	Description	Size ID	Type Size	Hose ID
5209-35-16	Male fitting	35	25	25 mm
5209-41-16	Male fitting	41	x25	25 mm
5209-50-22	Male fitting	50	35	35 mm
5209-50-24	Male fitting	50	35	38 mm
5209-63-32	Male fitting	63	50	50 mm



5210
Concrete fitting system 22
Male thread for hose

PRODUCT GROUP 500

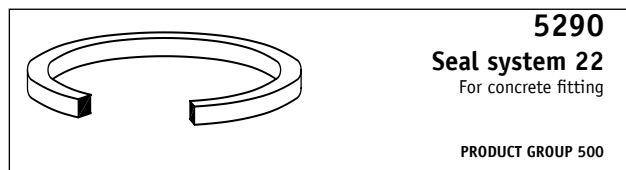
Part no.	Description	Thread	Hose ID
5210-16-12	Male hose pipe	G 1" M	19 mm
5210-16-16	Male hose pipe	G 1" M	25 mm
5210-20-22	Male hose pipe	G 1 1/4" M	35 mm
5210-20-24	Male hose pipe	G 1 1/4" M	38 mm
5210-24-26	Male hose pipe	G 1 1/2" M	42 mm
5210-32-22	Male hose pipe	G 2" M	35 mm
5210-32-26	Male hose pipe	G 2" M	42 mm
5210-32-32	Male hose pipe	G 2" M	50 mm



5200
Ferrule
For concrete fitting 5208 and 5209

PRODUCT GROUP 500

Part no.	Description	Hose dim.
5200-00-12	Ferrule	19 x 6
5200-00-16	Ferrule	25 x 7
5200-00-22	Ferrule	35 x 7
5200-00-24	Ferrule	38 x 7
5200-00-26	Ferrule	42 x 7
5200-00-32	Ferrule	50 x 9

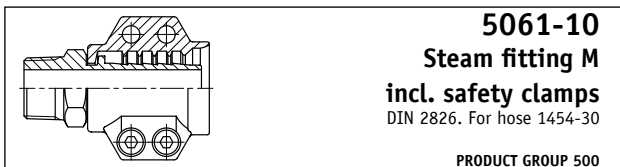


5290
Seal system 22
For concrete fitting

PRODUCT GROUP 500

Part no.	Description	Size ID
5290-00-35	Seal Nitril	35
5290-00-42	Seal Nitril	42
5290-00-51	Seal Nitril	51
5290-00-64	Seal Nitril	64





5061-10
Steam fitting M
 incl. safety clamps
 DIN 2826. For hose 1454-30

PRODUCT GROUP 500

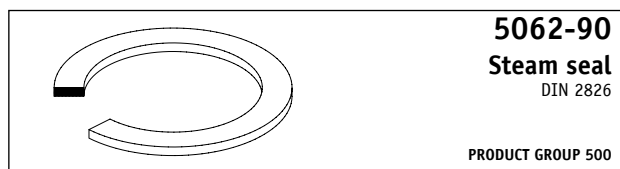
Part no.	Thread	Description	Hose ID
5061-10-08	G 1/2" M	Steam fitting DIN2826	1/2"
5061-10-12	G 3/4" M	Steam fitting DIN2826	3/4"
5061-10-16	G 1" M	Steam fitting DIN2826	1"
5061-10-24	G 1 1/2" M	Steam fitting DIN2826	1 1/2"
5061-10-32	G 2" M	Steam fitting DIN2826	2"



5062-10
Steam fitting FS
 incl. safety clamps
 DIN 2826. For hose 1454-30

PRODUCT GROUP 500

Part no.	Thread	Description	Hose ID
5062-10-08	G 1/2" FS	Steam fitting DIN2826	1/2"
5062-10-12	G 3/4" FS	Steam fitting DIN2826	3/4"
5062-10-16	G 1" FS	Steam fitting DIN2826	1"
5062-10-24	G 1 1/2" FS	Steam fitting DIN2826	1 1/2"
5062-10-32	G 2" FS	Steam fitting DIN2826	2"



5062-90
Steam seal
 DIN 2826

PRODUCT GROUP 500

Part no.	Description	Size
5062-90-08	Steam seal DIN 2826	1/2"
5062-90-12	Steam seal DIN 2826	3/4"
5062-90-16	Steam seal DIN 2826	1"
5062-90-24	Steam seal DIN 2826	1 1/2"
5062-90-32	Steam seal DIN 2826	2"

IMPORTANT TO REMEMBER WHILE ASSEMBLING STEAM FITTINGS

1. The fitting insert is pushed into a transversely cut hose. Save a couple of millimeters to max. inpush because of the hose expansion.
2. The safety clamps should be assembled on the hose and fixed in the jaw lock.
3. Assemble the screws and tighten them.
4. A small distance should appear on a parallel basis between the clamp halves.
5. Always follow up the assembly of the fittings after usage.
This should always be done on a regular basis.



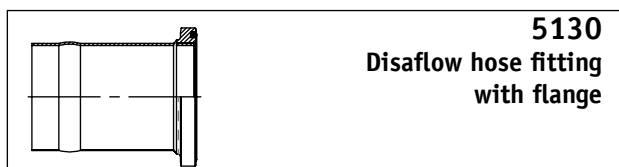
5130
Disaflow handle

Part no.	Description
5130-00-02	Handle SHT 100mm 4"
5130-00-03	Handle SHT 150mm 6"



5130
Disaflow reducer

Part no.	Description
5130-00-11	Reducer DFU 150 mm/100 mm
5130-00-12	Reducer DFU 150 mm/125 mm



5130
Disaflow hose fitting with flange

Part no.	Description
5130-00-25	Hose fitting DFS with flange 100 mm 4"
5130-00-27	Hose fitting DFS with flange 150 mm 6"
5130-00-28	Hose fitting DFS with flange 200 mm 8"



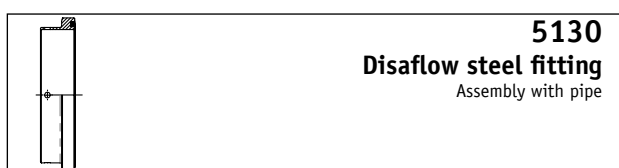
5130
Disaflow coupling

Part no.	Description
5130-00-29	Coupling DFK 100 mm 4"
5130-00-30	Coupling DFK 150 mm 6"
5130-00-31	Coupling DFK 200 mm 8"



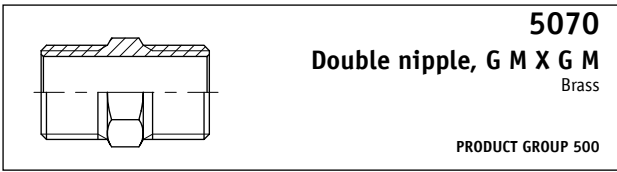
5130
Disaflow cap

Part no.	Description
5130-00-34	Cap DFB 100mm 4"
5130-00-35	Cap DFB 150mm 6"



5130
Disaflow steel fitting
 Assembly with pipe

Part no.	Description
5130-00-37	Steel fitting DFM ID 100 mm 4"
5130-00-38	Steel fitting DFM ID 150 mm 6"
5130-00-39	Steel fitting DFM ID 200 mm 8"



5070
Double nipple, G M X G M
 Brass

PRODUCT GROUP 500

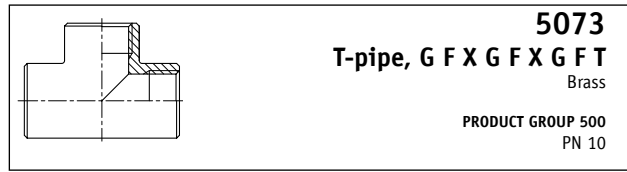
Part no.	Thread 1	Thread 2	RSK no.
5070-02-02	G 1/8" M	G 1/8" M	1985209
5070-04-02	G 1/4" M	G 1/8" M	1985407
5070-04-04	G 1/4" M	G 1/4" M	1985217
5070-06-04	G 3/8" M	G 1/4" M	1985423
5070-06-06	G 3/8" M	G 3/8" M	1985225
5070-08-04	G 1/2" M	G 1/4" M	1985449
5070-08-06	G 1/2" M	G 3/8" M	1985456
5070-08-08	G 1/2" M	G 1/2" M	1985233
5070-12-06	G 3/4" M	G 3/8" M	1985480
5070-12-08	G 3/4" M	G 1/2" M	1985498
5070-12-12	G 3/4" M	G 3/4" M	1985258
5070-16-08	G 1" M	G 1/2" M	1985522
5070-16-12	G 1" M	G 3/4" M	1985530
5070-16-16	G 1" M	G 1" M	1985274
5070-20-16	G 1 1/4" M	G 1" M	1985589
5070-20-20	G 1 1/4" M	G 1 1/4" M	1985282
5070-24-16	G 1 1/2" M	G 1" M	1985621
5070-24-20	G 1 1/2" M	G 1 1/4" M	1985639
5070-24-24	G 1 1/2" M	G 1 1/2" M	1985308
5070-32-20	G 2" M	G 1 1/4" M	1987734
5070-32-24	G 2" M	G 1 1/2" M	1985688
5070-32-32	G 2" M	G 2" M	1985316
5070-40-24	G 2 1/2" M	G 1 1/2" M	1985712
5070-40-32	G 2 1/2" M	G 2" M	1985720
5070-40-40	G 2 1/2" M	G 2 1/2" M	1985324
5070-48-24	G 3" M	G 1 1/2" M	1985779
5070-48-32	G 3" M	G 2" M	1985761
5070-48-48	G 3" M	G 3" M	1985332
5070-64-48	G 4" M	G 3" M	1985829
5070-64-64	G 4" M	G 4" M	1985340



5071
Bush, G M X G F
 Brass

PRODUCT GROUP 500

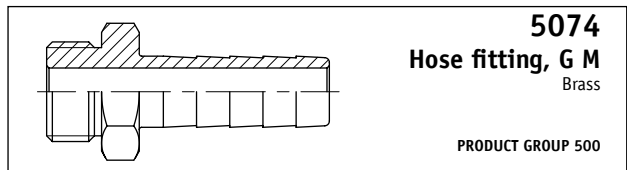
Part no.	Thread 1	Thread 2	RSK no.
5071-04-02	G 1/4" M	G 1/8" F	1986009
5071-06-02	G 3/8" M	G 1/8" F	1986017
5071-06-04	G 3/8" M	G 1/4" F	1986025
5071-08-02	G 1/2" M	G 1/8" F	1986033
5071-08-04	G 1/2" M	G 1/4" F	1986041
5071-08-06	G 1/2" M	G 3/8" F	1986058
5071-12-04	G 3/4" M	G 1/4" F	1986074
5071-12-06	G 3/4" M	G 3/8" F	1986082
5071-12-08	G 3/4" M	G 1/2" F	1986090
5071-16-08	G 1" M	G 1/2" F	1986124
5071-16-12	G 1" M	G 3/4" F	1986132
5071-20-12	G 1 1/4" M	G 3/4" F	1986173
5071-20-16	G 1 1/4" M	G 1" F	1986181
5071-24-12	G 1 1/2" M	G 3/4" F	1986215
5071-24-16	G 1 1/2" M	G 1" F	1986223
5071-24-20	G 1 1/2" M	G 1 1/4" F	1986231
5071-32-20	G 2" M	G 1 1/4" F	1986272
5071-32-24	G 2" M	G 1 1/2" F	1986280
5071-40-24	G 2 1/2" M	G 1 1/2" F	1986314
5071-40-32	G 2 1/2" M	G 2" F	1986322
5071-48-24	G 3" M	G 1 1/2" F	1986355
5071-48-32	G 3" M	G 2" F	1986363
5071-48-40	G 3" M	G 2 1/2" F	1986371
5071-64-32	G 4" M	G 2" F	1986405
5071-64-48	G 4" M	G 3" F	1986421



5073
T-pipe, G F X G F X G F T
 Brass

PRODUCT GROUP 500
 PN 10

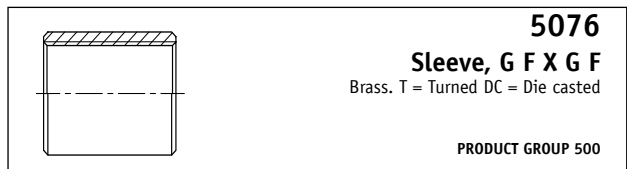
Part no.	Thread 1	Thread 2	Thread 3	RSK no.
5073-02-02	G 1/8" F	G 1/8" F	G 1/8" F	1984202
5073-04-04	G 1/4" F	G 1/4" F	G 1/4" F	1984210
5073-06-06	G 3/8" F	G 3/8" F	G 3/8" F	1984228
5073-08-08	G 1/2" F	G 1/2" F	G 1/2" F	1984236
5073-12-12	G 3/4" F	G 3/4" F	G 3/4" F	1984251
5073-16-16	G 1" F	G 1" F	G 1" F	1984277
5073-20-20	G 1 1/4" F	G 1 1/4" F	G 1 1/4" F	1984285
5073-24-24	G 1 1/2" F	G 1 1/2" F	G 1 1/2" F	1984301
5073-32-32	G 2" F	G 2" F	G 2" F	1984319
5073-40-40	G 2 1/2" F	G 2 1/2" F	G 2 1/2" F	1984327



5074
Hose fitting, G M
 Brass

PRODUCT GROUP 500

Part no.	Thread	Hose ID	RSK no.
5074-04-04	G 1/4" M	1/4"	2174191
5074-04-06	G 1/4" M	3/8"	2174316
5074-04-08	G 1/4" M	1/2"	2174324
5074-06-04	G 3/8" M	1/4"	2174332
5074-06-06	G 3/8" M	3/8"	2174209
5074-06-08	G 3/8" M	1/2"	2174340
5074-08-06	G 1/2" M	3/8"	2174357
5074-08-08	G 1/2" M	1/2"	2174217
5074-08-10	G 1/2" M	5/8"	2174297
5074-08-12	G 1/2" M	3/4"	2174365
5074-10-10	G 5/8" M	5/8"	
5074-12-08	G 3/4" M	1/2"	2174389
5074-12-12	G 3/4" M	3/4"	2174225
5074-12-16	G 3/4" M	1"	2174381
5074-16-12	G 1" M	3/4"	2174302
5074-16-16	G 1" M	1"	2174233
5074-20-16	G 1 1/4" M	1"	
5074-20-20	G 1 1/4" M	1 1/4"	2174241
5074-20-24	G 1 1/4" M	1 1/2"	2174304
5074-24-20	G 1 1/2" M	1 1/4"	2174766
5074-24-24	G 1 1/2" M	1 1/2"	2174258
5074-24-32	G 1 1/2" M	2"	2174305
5074-32-32	G 2" M	2"	2174266
5074-40-40	G 2 1/2" M	2 1/2"	2174274
5074-48-48	G 3" M	3"	2174282

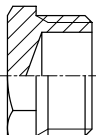


5076
Sleeve, G F X G F
 Brass. T = Turned DC = Die casted

PRODUCT GROUP 500

Part no.	Thread 1	Thread 2	RSK no.
5076-02-02	G 1/8" F	G 1/8" F	T. 1988005
5076-04-04	G 1/4" F	G 1/4" F	T. 1988013
5076-06-06	G 3/8" F	G 3/8" F	T. 1988021
5076-08-08	G 1/2" F	G 1/2" F	T. 1988039
5076-12-12	G 3/4" F	G 3/4" F	DC. 1988047
5076-16-16	G 1" F	G 1" F	DC. 1988054
5076-20-20	G 1 1/4" F	G 1 1/4" F	DC. 1988062
5076-24-24	G 1 1/2" F	G 1 1/2" F	DC. 1988070
5076-32-32	G 2" F	G 2" F	DC. 1988088
5076-40-40	G 2 1/2" F	G 2 1/2" F	DC. 1988096
5076-48-48	G 3" F	G 3" F	DC. 1988104
5076-64-64	G 4" F	G 4" F	DC. 1988120





5077
Plug, G M
Brass. T = Turned DC = Die casted

PRODUCT GROUP 500

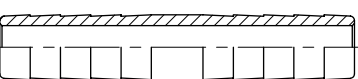
Part no.	Type	Thread	RSK no.
5077-00-02	Plug T	G 1/8" M	8070005
5077-00-04	Plug T	G 1/4" M	8070013
5077-00-06	Plug T	G 3/8" M	8070021
5077-00-08	Plug T	G 1/2" M	8070039
5077-00-12	Plug T	G 3/4" M	8070047
5077-00-16	Plug T	G 1" M	8070054
5077-00-20	Plug T	G 1 1/4" M	8070062
5077-00-24	Plug T	G 1 1/2" M	8070070
5077-00-32	Plug T	G 2" M	8070088
5077-00-40	Plug T	G 2 1/2" M	8070096
5077-00-48	Plug T	G 3" M	8070097
5077-00-64	Plug T	G 4" M	8070098



5081
90° elbow M - F
G M X G F 90
Brass

PRODUCT GROUP 500

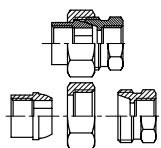
Part no.	Thread 1	Thread 2	RSK no.
5081-02-02	G 1/8" M	G 1/8" F	1982800
5081-04-04	G 1/4" M	G 1/4" F	1982818
5081-06-06	G 3/8" M	G 3/8" F	1982826
5081-08-08	G 1/2" M	G 1/2" F	1982834
5081-12-12	G 3/4" M	G 3/4" F	1982859
5081-16-16	G 1" M	G 1" F	1982875
5081-20-20	G 1 1/4" M	G 1 1/4" F	1982883
5081-24-24	G 1 1/2" M	G 1 1/2" F	1982909
5081-32-32	G 2" M	G 2" F	1982917



5078
Connector pipe
Brass for hose

PRODUCT GROUP 500

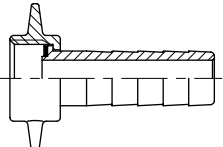
Part no.	Type	Hose ID	RSK no.
5078-04-04	Connector pipe	1/4"	2175202
5078-06-06	Connector pipe	3/8"	2175218
5078-08-08	Connector pipe	1/2"	2175226
5078-10-10	Connector pipe	5/8"	2175226
5078-12-12	Connector pipe	3/4"	2175242
5078-16-16	Connector pipe	1"	2175250



5082
Union fitting
Brass

PRODUCT GROUP 500

Part no.	Thread 1	Thread 2	RSK no.
5082-04-04	G 1/4" F	G 1/4" F	1981018
5082-06-06	G 3/8" F	G 3/8" F	1981026
5082-08-08	G 1/2" F	G 1/2" F	1981034
5082-12-12	G 3/4" F	G 3/4" F	1981059
5082-16-16	G 1" F	G 1" F	1981075
5082-20-20	G 1 1/4" F	G 1 1/4" F	1981083
5082-24-24	G 1 1/2" F	G 1 1/2" F	1981109
5082-32-32	G 2" F	G 2" F	1981117



5079
Hose fitting, G FS
Brass, with wing nut

PRODUCT GROUP 500

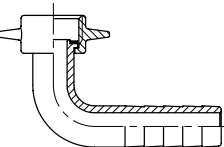
Part no.	Thread	Hose ID	RSK no.
5079-06-06	G 3/8" FS	3/8"	2174407
5079-08-06	G 1/2" FS	3/8"	2174605
5079-08-08	G 1/2" FS	1/2"	2174415
5079-12-08	G 3/4" FS	1/2"	2174621
5079-12-12	G 3/4" FS	3/4"	2174423
5079-16-08	G 1" FS	1/2"	2174647
5079-16-12	G 1" FS	3/4"	2174654
5079-16-16	G 1" FS	1"	2174431
5079-20-16	G 1 1/4" FS	1"	2174670
5079-20-20	G 1 1/4" FS	1 1/4"	2174449
5079-24-24	G 1 1/2" FS	1 1/2"	2174456
5079-32-32	G 2" FS	2"	2174464
5079-40-40	G 2 1/2" FS	2 1/2"	2174472
5079-48-48	G 3" FS	3"	2174480



5083
Bush, G M X G F
Brass

PRODUCT GROUP 500

Part no.	Thread 1	Thread 2	RSK no.
5083-02-04	G 1/8" M	G 1/4" F	1987007
5083-02-06	G 1/8" M	G 3/8" F	1987023
5083-04-06	G 1/4" M	G 3/8" F	1987015
5083-06-08	G 3/8" M	G 1/2" F	1987049
5083-08-12	G 1/2" M	G 3/4" F	1987072
5083-08-16	G 1/2" M	G 1" F	1987098
5083-12-16	G 3/4" M	G 1" F	1987106
5083-12-20	G 3/4" M	G 1 1/4" F	1987122
5083-16-20	G 1" M	G 1 1/4" F	1987130
5083-16-24	G 1" M	G 1 1/2" F	1987162
5083-20-24	G 1 1/4" M	G 1 1/2" F	1987163
5083-24-32	G 1 1/2" M	G 2" F	1987502
5083-32-32	G 2" M	G 2" F	1986975
5083-32-40	G 2" M	G 2 1/2" F	1987505



5080
Hose fitting, G FS 90° bend
Brass, with wing nut

PRODUCT GROUP 500

Part no.	Thread	Hose ID	RSK no.
5080-08-08	G 1/2" FS	1/2"	2174800
5080-12-06	G 3/4" FS	3/8"	2174820
5080-12-08	G 3/4" FS	1/2"	2174810



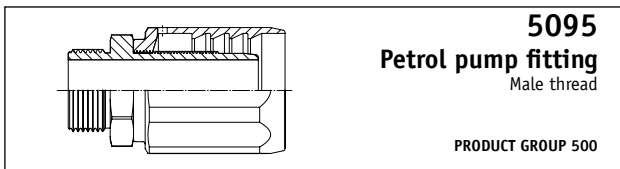
5084
90° elbow F - F
G IF X G IF 90
 Brass
 PRODUCT GROUP 500

Part no.	Thread 1	Thread 2	RSK no.
5084-02-02	G 1/8" F	G 1/8" F	1982008
5084-04-04	G 1/4" F	G 1/4" F	1982016
5084-04-08	G 1/4" F	G 1/2" F	1982149
5084-06-06	G 3/8" F	G 3/8" F	1982024
5084-06-08	G 3/8" F	G 1/2" F	1982156
5084-08-08	G 1/2" F	G 1/2" F	1982032
5084-08-12	G 1/2" F	G 3/4" F	1982164
5084-12-12	G 3/4" F	G 3/4" F	1982057
5084-16-16	G 1" F	G 1" F	1982073
5084-20-20	G 1 1/4" F	G 1 1/4" F	1982081
5084-24-24	G 1 1/2" F	G 1 1/2" F	1982107
5084-32-32	G 2" F	G 2" F	1982115
5084-40-40	G 2 1/2" F	G 2 1/2" F	1982123



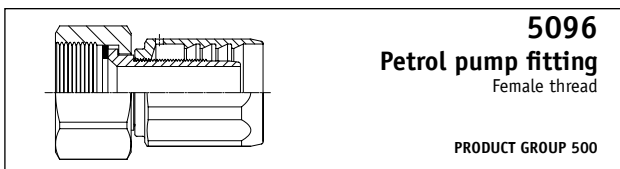
5089-95
Cover Female G F
 PRODUCT GROUP 500

Part no.	Type	Thread
5089-95-04	Cover	G 1/4" F
5089-95-06	Cover	G 3/8" F
5089-95-08	Cover	G 1/2" F
5089-95-12	Cover	G 3/4" F
5089-95-16	Cover	G 1" F
5089-95-20	Cover	G 1 1/4" F
5089-95-24	Cover	G 1 1/2" F
5089-95-32	Cover	G 2" F



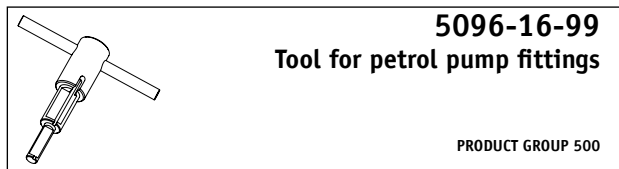
5095
Petrol pump fitting
 Male thread
 PRODUCT GROUP 500

Part no.	Description	Hose ID
5095-16-13	G 1" M	19-23
5095-16-17	G 1" M	25-37



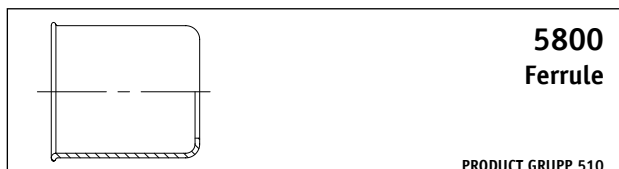
5096
Petrol pump fitting
 Female thread
 PRODUCT GROUP 500

Part no.	Description	Hose ID
5096-16-13	G 1" FS	19-23
5096-16-17	G 1" FS	25-37



5096-16-99
Tool for petrol pump fittings
 PRODUCT GROUP 500

Part no.	Description
5096-16-99	Tool for petrol pump fittings



5800
Ferrule
 PRODUCT GRUPP 510

Part no.	Description	ID	Hole
5800-00-02	Ferrule NW 2	9,0	5,5
5800-00-03	Ferrule NW 3	10,0	6,2
5800-10-03	Ferrule NW 3	10,5	5,2
5800-10-02	Ferrule NW 2	10,5	6,2
5800-00-04	Ferrule NW 4	11,0	7,2
5800-10-04	Ferrule NW 4	11,5	7,3
5800-12-04	Ferrule NW 4	12,5	8,8
5800-00-05	Ferrule NW 4	13,0	7,7
5800-00-06	Ferrule NW 6	13,5	9,2
5800-10-06	Ferrule NW 6	14,5	9,3
5800-11-06	Ferrule NW 6	14,5	9,3
5800-10-08	Ferrule NW 8	15,0	11,2
5800-00-08	Ferrule NW 8	16,0	11,4
5800-00-09	Ferrule NW 8	17,0	11,4
5800-10-09	Ferrule NW 8	17,5	11,3
5800-00-10	Ferrule NW 10	18,0	14,2
5800-00-11	Ferrule NW 10	19,5	14,2
5800-00-12	Ferrule NW 10	20,0	14,2
5800-10-12	Ferrule NW 12	22,0	17,2
5800-00-13	Ferrule NW 13	23,0	17,2
5800-11-12	Ferrule NW 12	24,5	16,9
5800-00-14	Ferrule NW 13	24,5	17,2
5800-00-16	Ferrule NW 16	26,5	19,7
5800-11-16	Ferrule NW 16	30,0	23,7
5800-10-20	Ferrule NW 20	30,5	23,7
5800-00-20	Ferrule NW 20	32,0	23,7
5800-11-20	Ferrule NW 20	33,0	24,0
5800-00-25	Ferrule NW 25	40,0	29,6

NW to millimeter

Description	Hose ID
	mm
NW 2	3-4
NW 3	4-5
NW 4	5-6
NW 6	7-8
NW 8	9-10
NW 10	11-12
NW 13	14-15
NW 16	17-18
NW 20	21-22

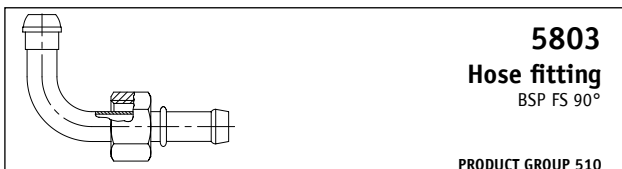




5801
Nut
BSP

PRODUCT GROUP 510

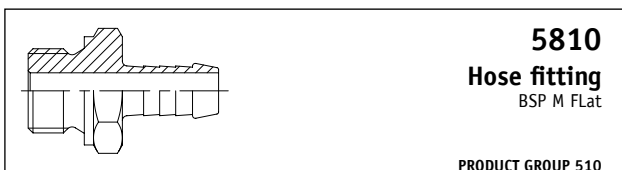
Part no.	Thread	Description	Dim.
5801-02-03	G 1/8"	Nut	NW 3
5801-04-04	G 1/4"	Nut	NW 4
5801-04-06	G 1/4"	Nut	NW 6
5801-06-08	G 3/8"	Nut	NW 8
5801-08-10	G 1/2"	Nut	NW 10
5801-08-13	G 1/2"	Nut	NW 13
5801-12-16	G 3/4"	Nut	NW 16
5801-16-20	G 1"	Nut	NW 20



5803
Hose fitting
BSP FS 90°

PRODUCT GROUP 510

Part no.	Thread	Type	Hose ID
5803-02-03	G 1/8"	FS 90°	NW 3
5803-04-04	G 1/4"	FS 90°	NW 4
5803-04-06	G 1/4"	FS 90°	NW 6
5803-06-08	G 3/8"	FS 90°	NW 8
5803-08-10	G 1/2"	FS 90°	NW 13/10
5803-08-13	G 1/2"	FS 90°	NW 13
5803-12-16	G 3/4"	FS 90°	NW 20/16



5810
Hose fitting
BSP M Flat

PRODUCT GROUP 510

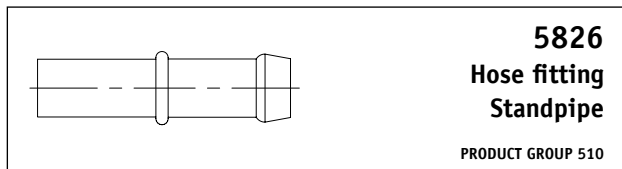
Part no.	Thread	Type	Hose ID
5810-02-04	G 1/8"	M Flat	NW 4
5810-04-04	G 1/4"	M Flat	NW 4
5810-04-06	G 1/4"	M Flat	NW 6
5810-06-08	G 3/8"	M Flat	NW 8
5810-08-10	G 1/2"	M Flat	NW 10
5810-08-13	G 1/2"	M Flat	NW 13



5820
Hose fitting
Metric SKL

PRODUCT GROUP 510

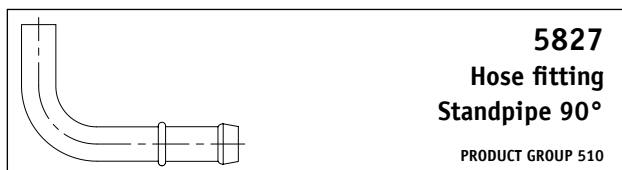
Part no.	Thread	Type	Hose ID
5820-10-03	M10x1,0	SKL 5	NW 3
5820-12-04	M12x1,5	SKL 6	NW 4
5820-14-06	M14x1,5	SKL 8	NW 6
5820-16-08	M16x1,5	SKL 10	NW 8
5820-18-10	M18x1,5	SKL 12	NW 10
5820-22-13	M22x1,5	SKL 15	NW 13



5826
Hose fitting
Standpipe

PRODUCT GROUP 510

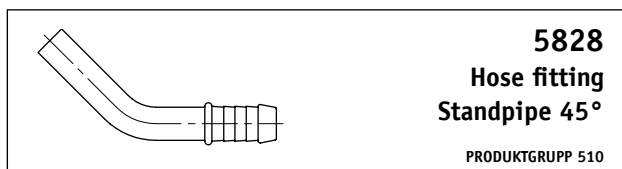
Part no.	Pipe	Type	Hose ID
5826-04-02	4 mm	SP	NW 2
5826-05-03	5 mm	SP	NW 3
5826-06-04	6 mm	SP	NW 4
5826-08-06	8 mm	SP	NW 6
5826-10-08	10 mm	SP	NW 8
5826-12-10	12 mm	SP	NW 10
5826-15-13	15 mm	SP	NW 13
5826-18-16	18 mm	SP	NW 16
5826-22-20	22 mm	SP	NW 20



5827
Hose fitting
Standpipe 90°

PRODUCT GROUP 510

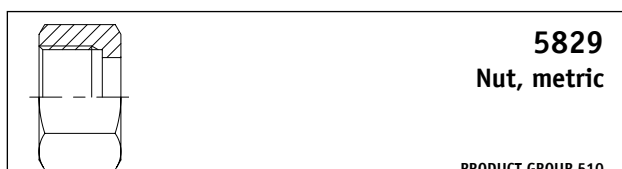
Part no.	Pipe	Type	Hose ID
5827-04-02	4 mm	SP 90°	NW 2
5827-05-03	5 mm	SP 90°	NW 3
5827-05-04	5 mm	SP 90°	NW 4
5827-06-04	6 mm	SP 90°	NW 4
5827-08-06	8 mm	SP 90°	NW 6
5827-10-08	10 mm	SP 90°	NW 8
5827-12-10	12 mm	SP 90°	NW 10
5827-15-13	15 mm	SP 90°	NW 13
5827-18-16	18 mm	SP 90°	NW 16
5827-22-20	22 mm	SP 90°	NW 20



5828
Hose fitting
Standpipe 45°

PRODUKTGRUPP 510

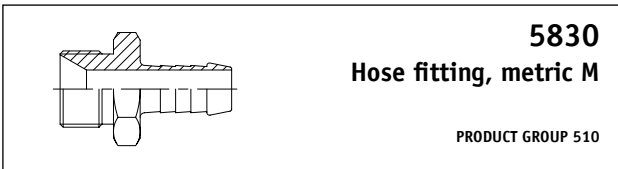
Part no.	Pipe	Type	Hose ID
5828-04-02	4 mm	SP 45°	NW 2
5828-05-03	5 mm	SP 45°	NW 3
5828-06-04	6 mm	SP 45°	NW 4
5828-08-06	8 mm	SP 45°	NW 6
5828-10-08	10 mm	SP 45°	NW 8
5828-12-10	12 mm	SP 45°	NW 10
5828-15-13	15 mm	SP 45°	NW 13
5828-18-16	18 mm	SP 45°	NW 16
5828-22-20	22mm	SP 45°	NW 20



5829
Nut, metric

PRODUCT GROUP 510

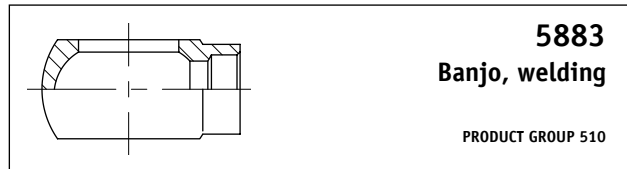
Part no.	Thread	Description	Dim.
5829-10-03	M10 x 1,0	Nut	NW 3
5829-12-04	M12 x 1,5	Nut	NW 4
5829-14-06	M14 x 1,5	Nut	NW 6
5829-16-08	M16 x 1,5	Nut	NW 8
5829-18-10	M18 x 1,5	Nut	NW 10
5829-22-13	M22 x 1,5	Nut	NW 13
5829-26-16	M26 x 1,5	Nut	NW 16



5830
Hose fitting, metric M

PRODUCT GROUP 510

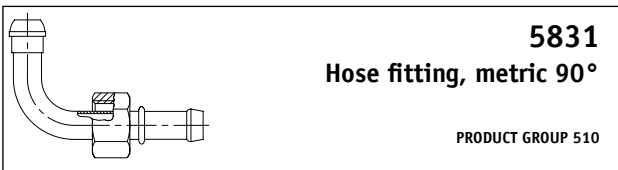
Part no.	Thread	Type	Hose ID
5830-10-02	M10 x 1,0	M	NW 2
5830-10-03	M10 x 1,0	M	NW 3
5830-12-04	M12 x 1,5	M	NW 4
5830-14-06	M14 x 1,5	M	NW 6
5830-16-08	M16 x 1,5	M	NW 8
5830-18-10	M18 x 1,5	M	NW 10
5830-22-13	M22 x 1,5	M	NW 13
5830-26-16	M26 x 1,5	M	NW 16
5830-30-20	M30 x 2,0	M	NW 20



5883
Banjo, welding

PRODUCT GROUP 510

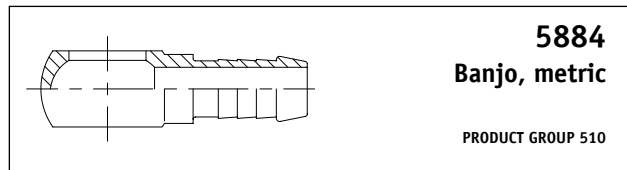
Part no.	For bolt	Description	Pipe dim.
5883-08-04	M 8	Banjo	4 mm
5883-12-08	M 12	Banjo	8 mm
5883-14-08	M 14	Banjo	8 mm
5883-14-10	M 14	Banjo	10 mm
5883-16-10	M 16	Banjo	10 mm
5883-16-12	M 16	Banjo	12 mm
5883-18-10	M 18	Banjo	10 mm
5883-18-12	M 18	Banjo	12 mm
5883-22-18	M 22	Banjo	18 mm



5831
Hose fitting, metric 90°

PRODUCT GROUP 510

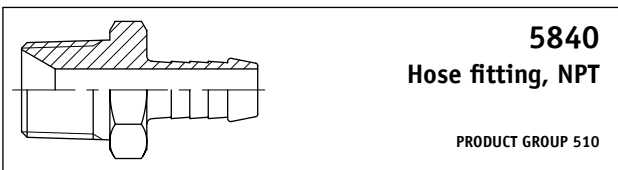
Part no.	Thread	Type	Hose ID
5831-10-03	M10 x 1,0	FS 90°	NW 3
5831-12-04	M12 x 1,5	FS 90°	NW 4
5831-14-06	M14 x 1,5	FS 90°	NW 6
5831-16-08	M16 x 1,5	FS 90°	NW 8
5831-18-10	M18 x 1,5	FS 90°	NW 10
5831-22-13	M22 x 1,5	FS 90°	NW 13
5831-26-16	M26 x 1,5	FS 90°	NW 16
5831-30-20	M30 x 1,5	FS 90°	NW 20



5884
Banjo, metric

PRODUCT GROUP 510

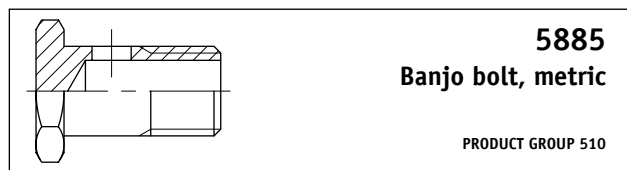
Part no.	For bolt	Description	Hose ID
5884-08-03	M 8	Banjo	NW 3
5884-08-04	M 8	Banjo	NW 4
5884-10-04	M 10	Banjo	NW 4
5884-10-06	M 10	Banjo	NW 6
5884-12-04	M 12	Banjo	NW 4
5884-12-06	M 12	Banjo	NW 6
5884-14-04	M 14	Banjo	NW 4
5884-14-06	M 14	Banjo	NW 6
5884-14-08	M 14	Banjo	NW 8
5884-16-08	M 16	Banjo	NW 8
5884-16-10	M 16	Banjo	NW 10
5884-18-08	M 18	Banjo	NW 8
5884-18-10	M 18	Banjo	NW 10
5884-18-13	M 18	Banjo	NW 13
5884-22-10	M 22	Banjo	NW 10
5884-22-13	M 22	Banjo	NW 13
5884-22-16	M 22	Banjo	NW 16
5884-26-20	M 26	Banjo	NW 20



5840
Hose fitting, NPT

PRODUCT GROUP 510

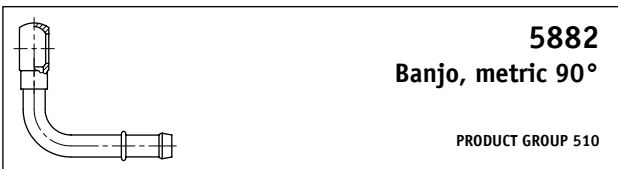
Part no.	Thread	Hose ID
5840-02-04 NPT	1/8" M	NW 4
5840-04-06 NPT	1/4" M	NW 6
5840-04-08 NPT	1/4" M	NW 8
5840-06-04 NPT	3/8" M	NW 4
5840-06-08 NPT	3/8" M	NW 8
5840-06-10 NPT	3/8" M	NW 10
5840-08-13 NPT	1/2" M	NW 13



5885
Banjo bolt, metric

PRODUCT GROUP 510

Part no.	Description	Thread
5885-00-08	Banjo bolt	M 8x1,0
5885-00-10	Banjo bolt	M 10x1,0
5885-00-12	Banjo bolt	M 12x1,5
5885-00-14	Banjo bolt	M 14x1,5
5885-00-16	Banjo bolt	M 16x1,5
5885-00-18	Banjo bolt	M 18x1,5
5885-00-22	Banjo bolt	M 22x1,5
5885-00-26	Banjo bolt	M 26x1,5



5882
Banjo, metric 90°

PRODUCT GROUP 510

Part no.	For bolt	Description	Hose ID
5882-08-03	M 8 x 1,0	Banjo 90°	NW 3
5882-10-04	M10 x 1,0	Banjo 90°	NW 4
5882-12-06	M12 x 1,5	Banjo 90°	NW 6
5882-14-08	M14 x 1,5	Banjo 90°	NW 8
5882-16-10	M16 x 1,5	Banjo 90°	NW 10
5882-18-13	M18 x 1,5	Banjo 90°	NW 13
5882-22-16	M22 x 1,5	Banjo 90°	NW 16
5882-26-20	M26 x 1,5	Banjo 90°	NW 20

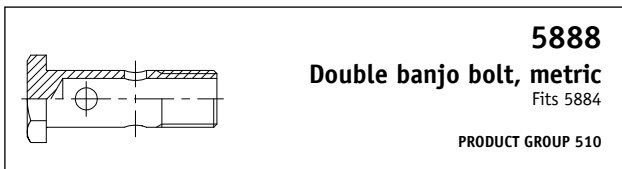


5886
Banjo bolt, BSP

PRODUKTGRUPP 510

Part no.	Description	Thread
5886-00-02	Banjo bolt	G 1/8"
5886-00-04	Banjo bolt	G 1/4"
5886-00-06	Banjo bolt	G 3/8"

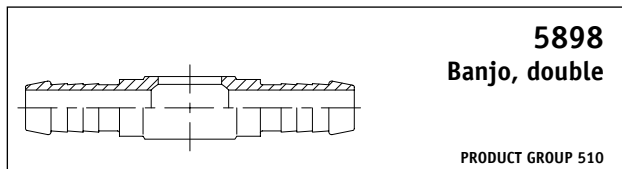




5888
Double banjo bolt, metric
 Fits 5884

PRODUCT GROUP 510

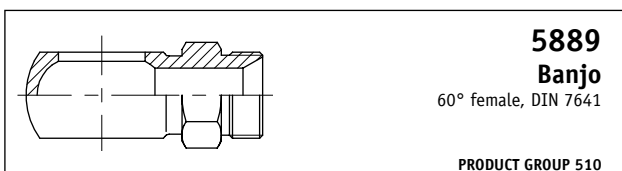
Part no.	Description	Thread
5888-00-08	Double banjo bolt	M 8 x 1,0
5888-00-10	Double banjo bolt	M 10 x 1,0
5888-00-12	Double banjo bolt	M 12 x 1,5
5888-00-14	Double banjo bolt	M 14 x 1,5
5888-00-16	Double banjo bolt	M 16 x 1,5
5888-00-18	Double banjo bolt	M 18 x 1,5



5898
Banjo, double

PRODUCT GROUP 510

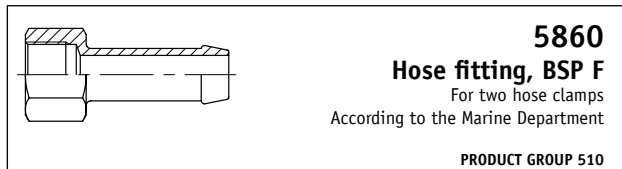
Part no.	For bolt	Description	Hose ID
5898-08-03	M 8	Double banjo	NW 3
5898-10-04	M 10	Double banjo	NW 4
5898-12-06	M 12	Double banjo	NW 6
5898-14-08	M 14	Double banjo	NW 8
5898-16-10	M 16	Double banjo	NW 10



5889
Banjo
 60° female, DIN 7641

PRODUCT GROUP 510

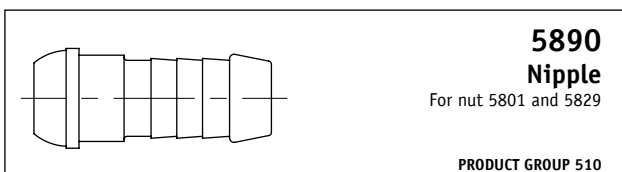
Part no.	For bolt	Description	Thread
5889-10-04	M 10	Banjo	M 12 x 1,5
5889-12-06	M 12	Banjo	M 14 x 1,5
5889-14-08	M 14	Banjo	M 16 x 1,5
5889-16-08	M 16	Banjo	M 16 x 1,5
5889-16-10	M 16	Banjo	M 18 x 1,5
5889-18-13	M 18	Banjo	M 22 x 1,5



5860
Hose fitting, BSP F
 For two hose clamps
 According to the Marine Department

PRODUCT GROUP 510

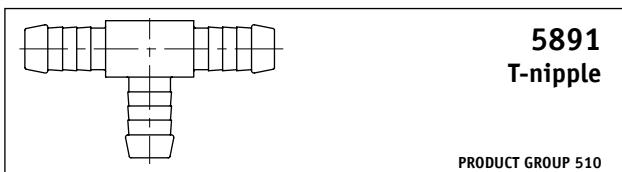
Part no.	Thread	Hose ID
5860-02-04	G 1/8" F	1/4"
5860-04-04	G 1/4" F	1/4"
5860-04-05	G 1/4" F	5/16"
5860-04-06	G 1/4" F	3/8"
5860-04-08	G 1/4" F	1/2"
5860-06-06	G 3/8" F	3/8"
5860-06-08	G 3/8" F	1/2"
5860-06-10	G 3/8" F	5/8"
5860-08-08	G 1/2" F	1/2"
5860-08-10	G 1/2" F	5/8"
5860-08-12	G 1/2" F	3/4"
5860-12-08	G 3/4" F	1/2"
5860-12-12	G 3/4" F	3/4"
5860-12-16	G 3/4" F	1"
5860-16-16	G 1" F	1"
5860-16-20	G 1" F	1 1/4"
5860-20-20	G 1 1/4" F	1 1/4"
5860-20-24	G 1 1/4" F	1 1/2"
5860-20-32	G 1 1/4" F	2"
5860-24-20	G 1 1/2" F	1 1/4"
5860-24-24	G 1 1/2" F	1 1/2"
5860-24-32	G 1 1/2" F	2"



5890
Nipple
 For nut 5801 and 5829

PRODUCT GROUP 510

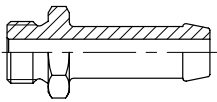
Part no.	For nut	Hose ID
5890-03-03	M10 / G 1/8"	NW 3
5890-04-03	M12 / G 1/4"	NW 3
5890-04-04	M12 / G 1/4"	NW 4
5890-04-06	M12 / G 1/4"	NW 6
5890-06-04	M14 / G 1/4"	NW 4
5890-06-06	M14 / G 1/4"	NW 6
5890-08-04	M16 / G 3/8"	NW 4
5890-08-06	M16 / G 3/8"	NW 6
5890-08-08	M16 / G 3/8"	NW 8
5890-10-08	M18 / G 1/2"	NW 8
5890-10-10	M18 / G 1/2"	NW 10
5890-13-10	M22 / G 1/2"	NW 10
5890-13-13	M22 / G 1/2"	NW 13
5890-20-20	M30 / G 1"	NW 20



5891
T-nipple

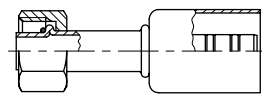
PRODUCT GROUP 510

Part no.	Description	Hose ID
5891-03-03	T-Nipple	NW 3-3-3
5891-04-04	T-Nipple	NW 4-4-4
5891-06-06	T-Nipple	NW 6-6-6
5891-08-08	T-Nipple	NW 8-8-8



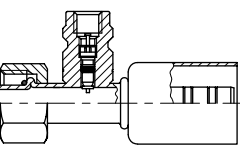
5865
Hose fitting BSP M
 For two hose clamps
 According to the Marine Department
PRODUCT GROUP 510

Part no.	Thread	Hose ID
5865-02-04	G 1/8" M	1/4"
5865-04-04	G 1/4" M	1/4"
5865-04-05	G 1/4" M	5/16"
5865-04-06	G 1/4" M	3/8"
5865-04-08	G 1/4" M	1/2"
5865-06-05	G 3/8" M	5/16"
5865-06-06	G 3/8" M	3/8"
5865-06-08	G 3/8" M	1/2"
5865-06-10	G 3/8" M	5/8"
5865-08-08	G 1/2" M	1/2"
5865-08-10	G 1/2" M	5/8"
5865-08-12	G 1/2" M	3/4"
5865-12-08	G 3/4" M	1/2"
5865-12-12	G 3/4" M	3/4"
5865-12-16	G 3/4" M	1"
5865-16-12	G 1" M	3/4"
5865-16-16	G 1" M	1"
5865-16-20	G 1" M	1 1/4"
5865-20-20	G 1 1/4" M	1 1/4"
5865-20-24	G 1 1/4" M	1 1/2"
5865-20-32	G 1 1/4" M	2"
5865-24-20	G 1 1/2" M	1 1/4"
5865-24-24	G 1 1/2" M	1 1/2"
5865-24-32	G 1 1/2" M	2"
5865-32-32	G 2" M	2"
5865-32-40	G 2" M	2 1/2"



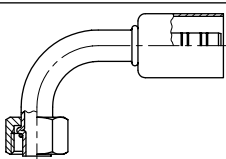
5701
UN FS with O-ring
 For AC hose 1445
PRODUCT GROUP 510

Part no.	Thread	Type	Description	Hose ID
5701-10-05	5/8"-18 UNF	FS	AC 06	5/16"
5701-12-06	3/4"-16 UNF	FS	AC 08	13/32"
5701-14-08	7/8"-14 UNF	FS	AC 10	1/2"
5701-14-10	7/8"-14 UNF	FS	AC 12	5/8"



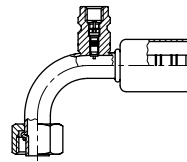
5702
UN FS
with O-ring valve
 For AC hose 1445
PRODUCT GROUP 510

Part no.	Thread	Type	Description	Hose ID
5702-10-05	5/8"-18 UNF	FS	AC 06	5/16"
5702-12-06	3/4"-16 UNF	FS	AC 08	13/32"
5702-14-08	7/8"-14 UNF	FS	AC 10	1/2"
5702-14-10	7/8"-14 UNF	FS	AC 12	5/8"



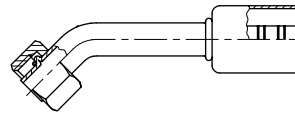
5703
UN 90° FS
with O-ring
 For AC hose 1445
PRODUCT GROUP 510

Part no.	Thread	Type	Description	Hose ID
5703-10-05	5/8"-18 UNF	90° FS	AC 06	5/16"
5703-12-06	3/4"-16 UNF	90° FS	AC 08	13/32"
5703-14-08	7/8"-14 UNF	90° FS	AC 10	1/2"
5703-14-10	7/8"-14 UNF	90° FS	AC 12	5/8"



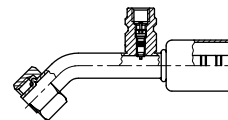
5704
UN 90° FS
with O-ring valve
 For AC hose 1445
PRODUCT GROUP 510

Part no.	Thread	Type	Description	Hose ID
5704-10-05	5/8"-18 UNF	90° FS	AC 06	5/16"
5704-12-06	3/4"-16 UNF	90° FS	AC 08	13/32"
5704-14-08	7/8"-14 UNF	90° FS	AC 10	1/2"
5704-14-10	7/8"-14 UNF	90° FS	AC 12	5/8"



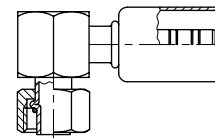
5705
UN 45° FS
with O-ring
 For AC hose 1445
PRODUCT GROUP 510

Part no.	Thread	Type	Description	Hose ID
5705-10-05	5/8"-18 UNF	45° FS	AC 06	5/16"
5705-12-06	3/4"-16 UNF	45° FS	AC 08	13/32"
5705-14-08	7/8"-14 UNF	45° FS	AC 10	1/2"
5705-14-10	7/8"-14 UNF	45° FS	AC 12	5/8"



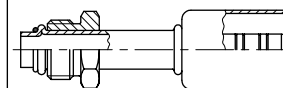
5706
UN 45° FS
with O-ring valve
 For AC hose 1445
PRODUCT GROUP 510

Part no.	Thread	Type	Description	Hose ID
5706-10-05	5/8"-18 UNF	45° FS	AC 06	5/16"
5706-12-06	3/4"-16 UNF	45° FS	AC 08	13/32"
5706-14-08	7/8"-14 UNF	45° FS	AC 10	1/2"
5706-14-10	7/8"-14 UNF	45° FS	AC 12	5/8"



5707
UN 90° FS
with O-ring
 For AC hose 1445
PRODUCT GROUP 510

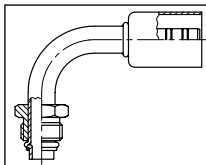
Part no.	Thread	Type	Description	Hose ID
5707-12-06	3/4"-16 UNF	90° FS	AC 08	13/32"
5707-14-08	7/8"-14 UNF	90° FS	AC 10	1/2"



5741
UN MS
with O-ring
 For AC hose 1445
PRODUCT GROUP 510

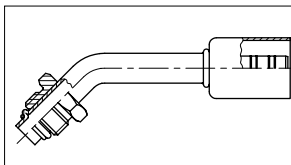
Part no.	Thread	Type	Description	Hose ID
5741-10-05	5/8"-18 UNF	MS	AC 06	5/16"
5741-12-06	3/4"-18 UNS	MS	AC 08	13/32"
5741-14-08	7/8"-18 UNS	MS	AC 10	1/2"





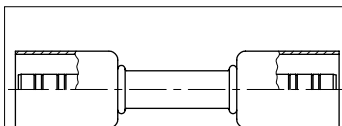
5743
UN 90° MS
with O-ring
 For AC hose 1445
 PRODUCT GROUP 510

Part no.	Thread	Type	Description	Hose ID
5743-10-05	5/8"-18 UNF	90° MS	AC 06	5/16"
5743-12-06	3/4"-18 UNS	90° MS	AC 08	13/32"
5743-14-08	7/8"-18 UNS	90° MS	AC 10	1/2"



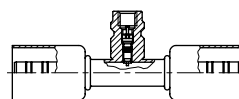
5745
UN 45° MS
with O-ring
 For AC hose 1445
 PRODUCT GROUP 510

Part no.	Thread	Type	Description	Hose ID
5745-10-05	5/8"-18 UNF	45° MS	AC 06	5/16"
5745-12-06	3/4"-18 UNS	45° MS	AC 08	13/32"
5745-14-08	7/8"-18 UNS	45° MS	AC 10	1/2"



5760
Hose connector
 For AC hose 1445
 PRODUCT GROUP 510

Part no.	Hose ID	Description	Hose ID
5760-05-05	5/16"	AC Hose connector	5/16"
5760-06-06	13/32"	AC Hose connector	13/32"
5760-08-08	1/2"	AC Hose connector	1/2"
5760-10-10	5/8"	AC Hose connector	5/8"



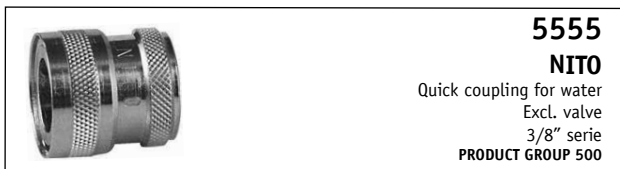
5761
Hose connector
 For AC hose 1445
 PRODUCT GROUP 510

Part no.	Hose ID	Description	Hose ID
5761-05-05	5/16"	AC Hose connector	5/16"
5761-06-06	13/32"	AC Hose connector	13/32"
5761-08-08	1/2"	AC Hose connector	1/2"



5764
O-ring
 For AC fitting
 PRODUCT GROUP 510

Part no.	Description	Dim.
5764-00-10	O-ring for AC fitting	5/8"
5764-00-12	O-ring for AC fitting	3/4"
5764-00-14	O-ring for AC fitting	7/8"



5555

NITO

Quick coupling for water
Excl. valve
3/8" serie
PRODUCT GROUP 500

Part no.	Type	Description
5555-65-01X1	Female	G 3/8" F



5555

NITO

Quick coupling for water
Excl. valve
3/8" serie
PRODUCT GROUP 500

Part no.	Type	Description
5555-65-02X1	Male	G 3/8" F



5555

NITO

Quick coupling for water
Excl. valve
1/2" serie
PRODUCT GROUP 500

Part no.	Type	Thread	Serie
5555-40-08X1	Female	G 1/2" F	5000
5555-40-12X1	Female	G 3/4" F	5000
5555-40-22X1	Female	M 22 x 1,5 F	5000



5555

NITO

Quick coupling for water
Excl. valve
1/2" serie
PRODUCT GROUP 500

Part no.	Type	Description	Serie
5555-41-08X1	Female	1/2" hose fitting	5000
5555-41-10X1	Female	3/4" hose fitting	5000



5555

NITO

Quick coupling for water
Excl. valve
1/2" serie
PRODUCT GROUP 500

Part no.	Type	Description	Serie
5555-43-08X1	Male	1/2" hose fitting	5000



5555

NITO

Quick coupling for water
Excl. valve
1/2" serie
PRODUCT GROUP 500

Part no.	Type	Thread	Serie
5555-46-08X1	Male	G 1/2" M	5000
5555-46-12X1	Male	G 3/4" M	5000
5555-46-24X1	Male	M 24 x 1,5 M	5000

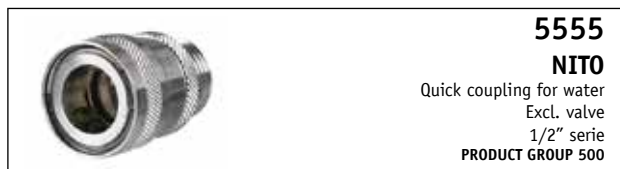


5555

NITO

Quick coupling for water
Incl. valve
1/2" serie
PRODUCT GROUP 500

Part no.	Type	Description	Serie
5555-48-08X1	Female	1/2" hose fitting	5000



5555

NITO

Quick coupling for water
Excl. valve
1/2" serie
PRODUCT GROUP 500

Part no.	Type	Thread	Serie
5555-60-08X1	Female	G 1/2" M	5000
5555-60-12X1	Female	G 3/4" M	5000



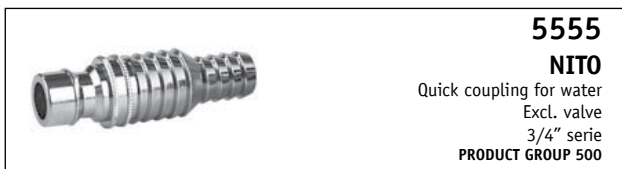
5555
NITO
Quick coupling for water
Excl. valve
1/2" serie
PRODUCT GROUP 500

Part no.	Type	Thread	Serie
5555-44-08X1	Male	G 1/2" F	5000
5555-44-12X1	Male	G 3/4" F	5000
5555-44-22X1	Male	M 22 x 1,5 F	5000



5555
NITO
Quick coupling for water
Excl. valve
3/4" serie
PRODUCT GROUP 500

Part no.	Type	Thread	Serie
5555-61-08X1	Male	1/2" M	6000
5555-61-12X1	Male	3/4" M	6000



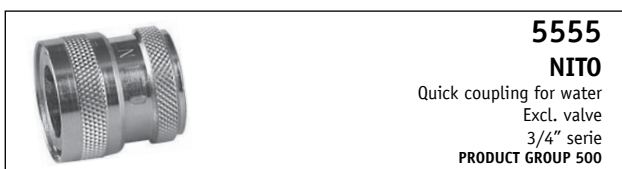
5555
NITO
Quick coupling for water
Excl. valve
3/4" serie
PRODUCT GROUP 500

Part no.	Type	Description	Serie
5555-51-08X1	Male	1/2" hose fitting	6000
5555-51-12X1	Male	3/4" hose fitting	6000



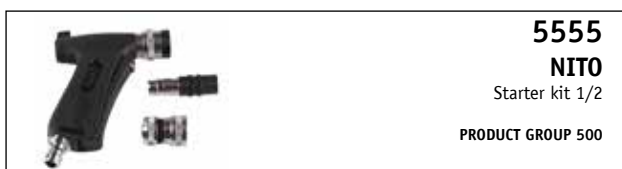
5555
NITO
Adapter for water
PRODUCT GROUP 500

Part no.	Thread 1	Thread 2
5555-47-08X1	G 1/2" M	M 22 x 1,5 F
5555-55-12X1	G 3/4" M	G 1/2" F



5555
NITO
Quick coupling for water
Excl. valve
3/4" serie
PRODUCT GROUP 500

Part no.	Type	Thread	Serie
5555-54-12X1	Female	3/4" F	6000



5555
NITO
Starter kit 1/2
PRODUCT GROUP 500

Part no.	Description	Thread
5555-50-99	Starter kit	1/2"



5555
NITO
Quick coupling for water
Excl. valve
3/4" serie
PRODUCT GROUP 500

Part no.	Type	Description	Serie
5555-53-12X1	Female	3/4" hose fitting	6000



5555
NITO
Water gun
PRODUCT GROUP 500

Part no.	Type	Serie
5555-33-08	Male 1/2"	5000



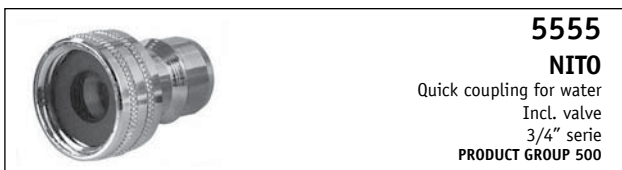
5555
NITO
Quick coupling for water
Complete safety connector
3/4" serie
PRODUCT GROUP 500

Part no.	Thread
5555-62-12-08	G 1/2" M 3/4" hose connector
5555-62-12-12	G 3/4" M 3/4" hose connector



5555
NITO
Water gun
PRODUCT GROUP 500

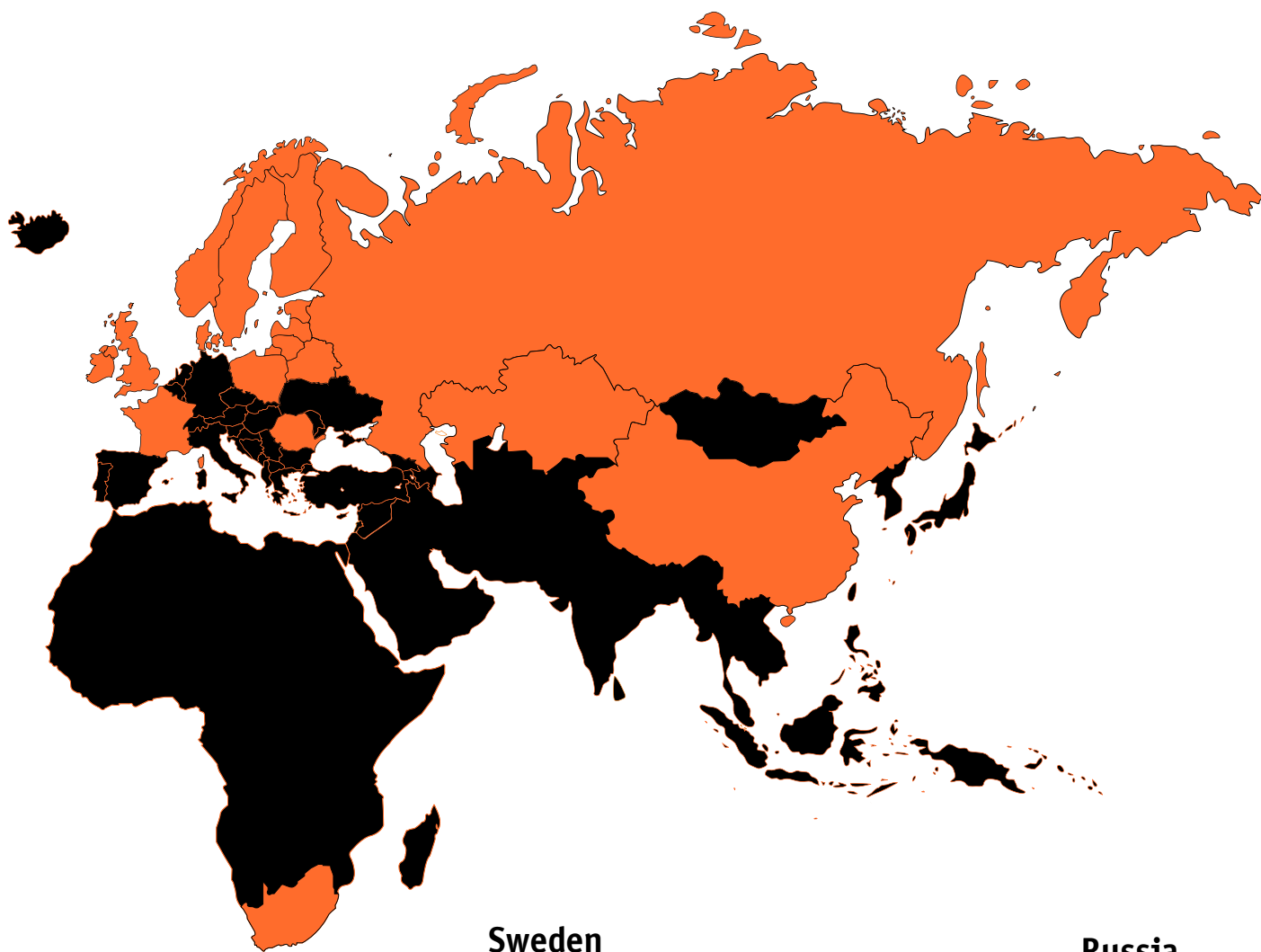
Part no.	Type	Serie
5555-50-08	Male 1/2"	5000
5555-50-12	Male 3/4"	6000



5555
NITO
Quick coupling for water
Incl. valve
3/4" serie
PRODUCT GROUP 500

Part no.	Type	Thread	Serie
5555-55-08X1	Male	G 1/2" F	6000
5555-55-12X1	Male	G 3/4" F	6000

HYDROSCAND IN THE WORLD



Norway Sweden Finland Estonia Russia
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HOSE CLAMPS

5:01

5:01



HYDROSCAND HOSE CLAMPS

PRODUCT GROUP 510

Today, there are great demands for hoses and couplings fitted in a safe and practical way. Hydroscand offers a large variety of different hose clamps – everything from the seashell-designed clamp for small areas to the powerful clamps used for large areas.

Hydroscand also offers a wide range of solutions for fixed installations such as pipes and cables.

Most of the clamps are available in different materials and designs to fit most installations.

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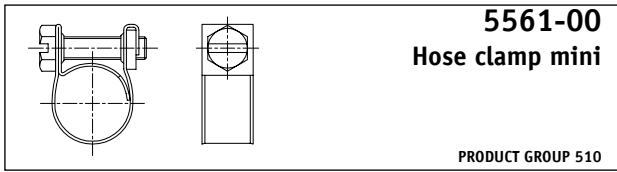


HOSE CLAMPS

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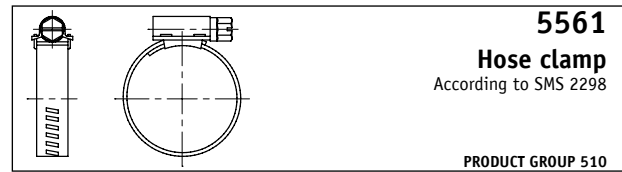




5561-00
Hose clamp mini

PRODUCT GROUP 510

Part no.	Description	Max dim.	Band width
5561-00-08	Mini clamp	8 mm	12 mm
5561-00-09	Mini clamp	9 mm	12 mm
5561-00-10	Mini clamp	10 mm	12 mm
5561-00-11	Mini clamp	11 mm	12 mm
5561-00-12	Mini clamp	12 mm	12 mm
5561-00-13	Mini clamp	13 mm	12 mm
5561-00-14	Mini clamp	14 mm	12 mm
5561-00-15	Mini clamp	15 mm	12 mm
5561-00-16	Mini clamp	16 mm	12 mm
5561-00-17	Mini clamp	17 mm	12 mm
5561-00-18	Mini clamp	18 mm	12 mm
5561-00-19	Mini clamp	19 mm	12 mm

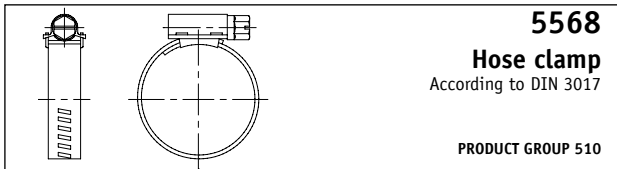


5561

Hose clamp
According to SMS 2298

PRODUCT GROUP 510

Part no.	Dim. range	Band width
5561-08-14	8 - 14 mm	9 mm
5561-11-17	11 - 17 mm	9 mm
5561-13-20	13 - 20 mm	9 mm
5561-15-24	15 - 24 mm	12 mm
5561-15-25	15 - 25 mm	12 mm
5561-19-28	19 - 28 mm	12 mm
5561-19-29	19 - 29 mm	12 mm
5561-22-32	22 - 32 mm	12 mm
5561-26-38	26 - 38 mm	12 mm
5561-32-44	32 - 44 mm	12 mm
5561-38-50	38 - 50 mm	12 mm
5561-44-56	44 - 56 mm	12 mm
5561-50-65	50 - 65 mm	12 mm
5561-58-75	58 - 75 mm	12 mm
5561-68-85	68 - 85 mm	12 mm
5561-77-95	77 - 95 mm	12 mm
5561-91-12	87 - 112 mm	12 mm
5561-91-38	104 - 138 mm	12 mm
5561-91-65	130 - 165 mm	12 mm
5561-91-80	150 - 180 mm	12 mm
5561-92-05	175 - 205 mm	12 mm
5561-92-31	200 - 231 mm	12 mm
5561-92-56	226 - 256 mm	12 mm
5561-92-82	251 - 282 mm	12 mm
5561-93-07	227 - 307 mm	12 mm

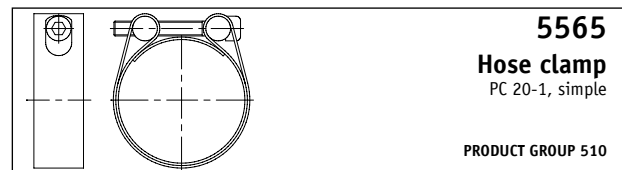


5568

Hose clamp
According to DIN 3017

PRODUCT GROUP 510

Part no.	Dim. range	Band width
5568-08-16	8-16 mm	9 mm
5568-12-22	12-22 mm	9 mm
5568-16-27	16-27 mm	12 mm
5568-25-40	25-40 mm	12 mm
5568-30-45	30-45 mm	12 mm
5568-40-60	40-60 mm	12 mm
5568-50-70	50-70 mm	12 mm
5568-60-80	60-80 mm	12 mm
5568-70-90	70-90 mm	12 mm
5568-01-00	80-100 mm	12 mm
5568-01-10	90-110 mm	12 mm
5568-01-20	100-120 mm	12 mm
5568-01-30	110-130 mm	12 mm
5568-01-40	120-140 mm	12 mm
5568-01-50	130-150 mm	12 mm
5568-01-60	140-160 mm	12 mm
5568-01-80	160-180 mm	12 mm



5565

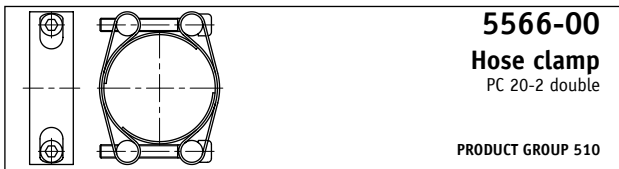
Hose clamp
PC 20-1, simple

PRODUCT GROUP 510

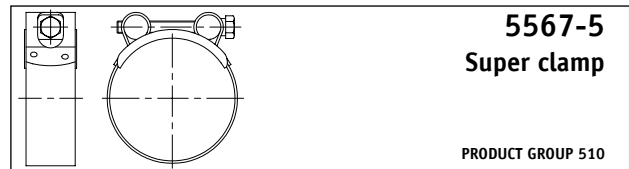
Part no.	Description	Dim. range	Band width
5565-00-35	PC 20-1	30-36 mm	20 mm
5565-00-40	PC 20-1	35-41 mm	20 mm
5565-00-45	PC 20-1	40-46 mm	20 mm
5565-00-50	PC 20-1	45-50 mm	20 mm
5565-00-55	PC 20-1	50-56 mm	20 mm
5565-00-60	PC 20-1	55-61 mm	20 mm
5565-00-65	PC 20-1	60-66 mm	20 mm
5565-00-70	PC 20-1	65-71 mm	20 mm
5565-00-75	PC 20-1	70-76 mm	20 mm
5565-00-80	PC 20-1	75-81 mm	20 mm
5565-00-85	PC 20-1	80-85 mm	20 mm
5565-00-90	PC 20-1	85-91 mm	20 mm
5565-00-95	PC 20-1	90-96 mm	20 mm
5565-01-00	PC 20-1	95-101 mm	20 mm
5565-01-05	PC 20-1	100-106 mm	20 mm
5565-01-10	PC 20-1	105-111 mm	20 mm
5565-01-15	PC 20-1	110-116 mm	20 mm
5565-01-20	PC 20-1	115-121 mm	20 mm
5565-01-25	PC 20-1	120-126 mm	20 mm
5565-01-30	PC 20-1	125-131 mm	20 mm
5565-01-35	PC 20-1	130-136 mm	20 mm



Part no.	Description	Dim. range	Band width
5567-00-70	PC 24-2	60-70 mm	24 mm
5567-00-75	PC 24-2	65-75 mm	24 mm
5567-00-80	PC 24-2	70-80 mm	24 mm
5567-00-85	PC 24-2	75-85 mm	24 mm
5567-00-90	PC 24-2	80-90 mm	24 mm
5567-00-95	PC 24-2	85-95 mm	24 mm
5567-01-00	PC 24-2	90-100 mm	24 mm
5567-01-05	PC 24-2	95-105 mm	24 mm
5567-01-10	PC 24-2	100-110 mm	24 mm
5567-01-15	PC 24-2	105-115 mm	24 mm
5567-01-20	PC 24-2	110-120 mm	24 mm
5567-01-25	PC 24-2	115-125 mm	24 mm
5567-01-30	PC 24-2	120-130 mm	24 mm
5567-01-35	PC 24-2	125-135 mm	24 mm
5567-01-40	PC 24-2	130-140 mm	24 mm
5567-01-45	PC 24-2	135-145 mm	24 mm
5567-01-50	PC 24-2	140-150 mm	24 mm
5567-01-55	PC 24-2	145-155 mm	24 mm
5567-01-60	PC 24-2	150-160 mm	24 mm
5567-01-65	PC 24-2	155-165 mm	24 mm
5567-01-70	PC 24-2	160-170 mm	24 mm
5567-01-80	PC 24-2	170-180 mm	24 mm
5567-01-95	PC 24-2	185-195 mm	24 mm
5567-02-00	PC 24-2	190-200 mm	24 mm
5567-02-10	PC 24-2	200-210 mm	24 mm
5567-02-20	PC 24-2	210-220 mm	24 mm
5567-02-30	PC 24-2	220-230 mm	24 mm
5567-02-40	PC 24-2	230-240 mm	24 mm
5567-02-50	PC 24-2	240-250 mm	24 mm
5567-02-60	PC 24-2	250-260 mm	24 mm
5567-02-70	PC 24-2	260-270 mm	24 mm

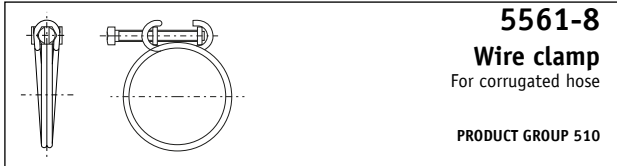


Part no.	Description	Dim. range	Band width
5566-00-45	PC 20-2	35-45 mm	20 mm
5566-00-50	PC 20-2	40-50 mm	20 mm
5566-00-55	PC 20-2	45-55 mm	20 mm
5566-00-60	PC 20-2	50-60 mm	20 mm
5566-00-65	PC 20-2	55-65 mm	20 mm
5566-00-70	PC 20-2	60-70 mm	20 mm
5566-00-80	PC 20-2	70-80 mm	20 mm



Part no.	Description	Dim. range	Band width
5567-50-19	Super clamp	17-19 mm	18 mm
5567-50-22	Super clamp	20-22 mm	18 mm
5567-50-25	Super clamp	23-25 mm	18 mm
5567-50-28	Super clamp	26-28 mm	18 mm
5567-50-31	Super clamp	29-31 mm	20 mm
5567-50-35	Super clamp	32-35 mm	20 mm
5567-50-39	Super clamp	36-39 mm	20 mm
5567-50-43	Super clamp	40-43 mm	20 mm
5567-50-47	Super clamp	44-47 mm	22 mm
5567-50-51	Super clamp	48-51 mm	22 mm
5567-50-55	Super clamp	52-55 mm	22 mm
5567-50-59	Super clamp	56-59 mm	22 mm
5567-50-63	Super clamp	60-63 mm	22 mm
5567-50-67	Super clamp	64-67 mm	22 mm
5567-50-73	Super clamp	68-73 mm	24 mm
5567-50-79	Super clamp	74-79 mm	24 mm
5567-50-85	Super clamp	80-85 mm	24 mm
5567-50-91	Super clamp	86-91 mm	24 mm
5567-50-97	Super clamp	92-97 mm	24 mm
5567-51-03	Super clamp	98-103 mm	24 mm
5567-51-12	Super clamp	104-112 mm	24 mm
5567-51-21	Super clamp	113-121 mm	24 mm
5567-51-30	Super clamp	122-130 mm	24 mm
5567-51-39	Super clamp	131-139 mm	26 mm
5567-51-48	Super clamp	140-148 mm	26 mm
5567-51-61	Super clamp	149-161 mm	26 mm
5567-51-74	Super clamp	162-174 mm	26 mm
5567-51-87	Super clamp	175-187 mm	26 mm
5567-52-00	Super clamp	188-200 mm	26 mm
5567-52-13	Super clamp	201-213 mm	26 mm
5567-52-26	Super clamp	214-226 mm	26 mm
5567-52-39	Super clamp	227-239 mm	26 mm
5567-52-52	Super clamp	240-252 mm	26 mm





5561-8
Wire clamp
For corrugated hose

PRODUCT GROUP 510

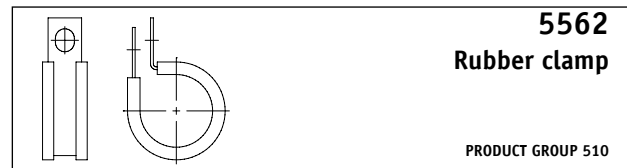
Part no.	Description	Band width
5561-80-12	Wire clamp	9,5-12 mm
5561-80-13	Wire clamp	10,5-13 mm
5561-80-14	Wire clamp	11,5-14 mm
5561-80-15	Wire clamp	12,5-15 mm
5561-80-16	Wire clamp	13,0-16 mm
5561-80-17	Wire clamp	13,5-17 mm
5561-80-18	Wire clamp	15,0-18 mm
5561-80-19	Wire clamp	15,5-19 mm
5561-80-20	Wire clamp	17,0-20 mm
5561-80-22	Wire clamp	18,5-22 mm
5561-80-23	Wire clamp	19,0-23 mm
5561-80-24	Wire clamp	21,0-24 mm
5561-80-25	Wire clamp	21,5-25 mm
5561-80-27	Wire clamp	23,5-27 mm
5561-80-29	Wire clamp	25,0-29 mm
5561-80-31	Wire clamp	27,0-31 mm
5561-80-33	Wire clamp	29,0-33 mm
5561-80-35	Wire clamp	30,5-35 mm
5561-80-37	Wire clamp	33,0-37 mm
5561-80-40	Wire clamp	35,5-40 mm
5561-80-43	Wire clamp	38,5-43 mm
5561-80-46	Wire clamp	41,0-46 mm
5561-80-49	Wire clamp	43,5-49 mm
5561-80-53	Wire clamp	46,5-53 mm
5561-80-56	Wire clamp	50,5-56 mm
5561-80-60	Wire clamp	53,5-60 mm
5561-80-64	Wire clamp	56,5-64 mm
5561-80-68	Wire clamp	60,0-68 mm
5561-80-72	Wire clamp	64,0-72 mm
5561-80-76	Wire clamp	68,5-76 mm
5561-80-80	Wire clamp	72,5-80 mm
5561-80-84	Wire clamp	76,5-84 mm



5560
Round bolt clamp

PRODUCT GROUP 510

Part no.	Description	Band width
5560-00-46	Round bolt clamp	40-46 mm
5560-00-54	Round bolt clamp	46-54 mm
5560-00-62	Round bolt clamp	55-62 mm
5560-00-69	Round bolt clamp	62-69 mm
5560-00-74	Round bolt clamp	69-74 mm
5560-00-81	Round bolt clamp	74-81 mm
5560-00-88	Round bolt clamp	82-88 mm
5560-00-94	Round bolt clamp	87-94 mm
5560-00-98	Round bolt clamp	89-98 mm
5560-01-05	Round bolt clamp	97-105 mm
5560-01-16	Round bolt clamp	106-116 mm
5560-01-23	Round bolt clamp	113-123 mm
5560-01-32	Round bolt clamp	123-132 mm
5560-01-40	Round bolt clamp	131-140 mm
5560-01-50	Round bolt clamp	140-150 mm
5560-01-62	Round bolt clamp	151-162 mm
5560-01-70	Round bolt clamp	160-170 mm
5560-01-88	Round bolt clamp	175-188 mm
5560-02-04	Round bolt clamp	189-204 mm
5560-02-15	Round bolt clamp	205-215 mm
5560-02-31	Round bolt clamp	218-231 mm
5560-02-40	Round bolt clamp	230-240 mm
5560-02-55	Round bolt clamp	240-255 mm
5560-02-78	Round bolt clamp	262-278 mm



5562
Rubber clamp

PRODUCT GROUP 510

Part no.	Description	Max dim.	Band width
5562-00-02	Rubber clamp	3 mm	12,7 mm
5562-00-03	Rubber clamp	5 mm	12,7 mm
5562-00-04	Rubber clamp	6 mm	12,7 mm
5562-00-05	Rubber clamp	8 mm	12,7 mm
5562-00-06	Rubber clamp	10 mm	12,7 mm
5562-00-07	Rubber clamp	11 mm	12,7 mm
5562-00-08	Rubber clamp	13 mm	12,7 mm
5562-00-09	Rubber clamp	14 mm	12,7 mm
5562-00-10	Rubber clamp	16 mm	12,7 mm
5562-00-11	Rubber clamp	18 mm	12,7 mm
5562-00-12	Rubber clamp	19 mm	12,7 mm
5562-00-13	Rubber clamp	21 mm	12,7 mm
5562-00-14	Rubber clamp	22 mm	12,7 mm
5562-00-15	Rubber clamp	24 mm	12,7 mm
5562-00-16	Rubber clamp	25 mm	12,7 mm
5562-00-17	Rubber clamp	27 mm	12,7 mm
5562-00-18	Rubber clamp	29 mm	12,7 mm
5562-00-19	Rubber clamp	30 mm	12,7 mm
5562-00-20	Rubber clamp	32 mm	12,7 mm
5562-00-21	Rubber clamp	33 mm	12,7 mm
5562-00-22	Rubber clamp	35 mm	12,7 mm
5562-00-23	Rubber clamp	36 mm	12,7 mm
5562-00-24	Rubber clamp	38 mm	12,7 mm
5562-00-25	Rubber clamp	45 mm	12,7 mm
5562-00-26	Rubber clamp	41 mm	12,7 mm
5562-00-27	Rubber clamp	51 mm	12,7 mm
5562-00-28	Rubber clamp	54 mm	12,7 mm
5562-00-29	Rubber clamp	64 mm	12,7 mm
5562-00-30	Rubber clamp	74 mm	12,7 mm



5001-15
Hose clamp
For compressed air fittings

PRODUCT GROUP 510

Part no.	Description	Band width
5001-15-01	Hose clamp with loose saddles	17-22 mm
5001-15-02	Hose clamp with loose saddles	22-29 mm
5001-15-03	Hose clamp with loose saddles	28-35 mm
5001-15-04	Hose clamp with loose saddles	32-40 mm
5001-15-05	Hose clamp with loose saddles	39-49 mm
5001-15-06	Hose clamp with loose saddles	48-60 mm
5001-15-07	Hose clamp with loose saddles	60-76 mm
5001-15-08	Hose clamp with loose saddles	77-94 mm
5001-15-09	Hose clamp with loose saddles	94-115 mm
5001-15-10	Hose clamp with loose saddles	115-145 mm
5001-15-15	Hose clamp with loose saddles	210-225 mm



5001-06
Hose clamp safety
For compressed air fittings

PRODUCT GROUP 510

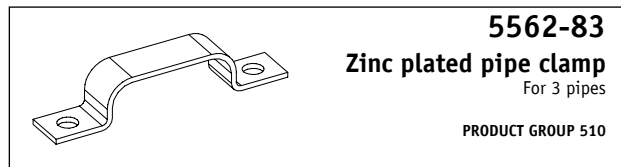
Part no.	Description	Band width
5001-06-03	Hose clamp safety	28-32 mm
5001-06-04	Hose clamp safety	35-42 mm
5001-06-06	Hose clamp safety	45-53 mm



5560-10
2-ear clamp

PRODUCT GROUP 510

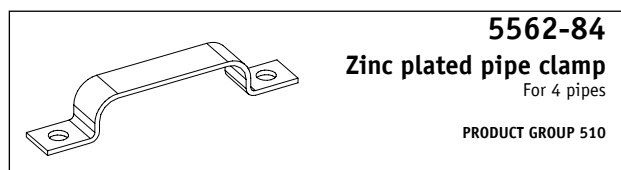
Part no.	Diameter	A mm	B mm
5560-10-07	5-7 mm	7,3	3,0
5560-10-09	7-9 mm	9,3	3,2
5560-10-11	9-11 mm	11,3	3,5
5560-10-13	11-13 mm	13,3	3,5
5560-10-15	13-15 mm	15,3	4,0
5560-10-17	14-17 mm	18,3	5,0
5560-10-18	15-18 mm	18,3	5,0
5560-10-20	17-20 mm	20,0	6,0
5560-10-23	20-23 mm	23,3	6,5
5560-10-25	22-25 mm	25,3	6,5
5560-10-27	23-27 mm	27,3	6,5
5560-10-28	25-28 mm	28,3	6,5
5560-10-31	29-31 mm	31,2	6,5
5560-10-34	31-34 mm	34,3	7,5
5560-10-37	34-37 mm	37,4	7,5
5560-10-40	35-40 mm	40,0	8,0



5562-83
Zinc plated pipe clamp
For 3 pipes

PRODUCT GROUP 510

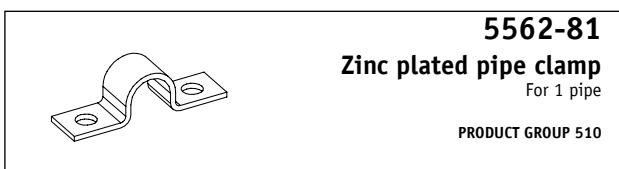
Part no.	To pipe diameter	Number of pipes
5562-83-04	4 mm	3
5562-83-05	5 mm	3
5562-83-06	6 mm	3
5562-83-08	8 mm	3
5562-83-10	10 mm	3
5562-83-12	12 mm	3
5562-83-15	15 mm	3
5562-83-18	18 mm	3
5562-83-20	20 mm	3
5562-83-22	22 mm	3



5562-84
Zinc plated pipe clamp
For 4 pipes

PRODUCT GROUP 510

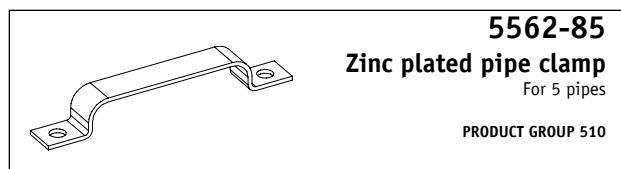
Part no.	To pipe diameter	Number of pipes
5562-84-04	4 mm	4
5562-84-05	5 mm	4
5562-84-06	6 mm	4
5562-84-08	8 mm	4
5562-84-10	10 mm	4
5562-84-12	12 mm	4
5562-84-15	15 mm	4
5562-84-18	18 mm	4



5562-81
Zinc plated pipe clamp
For 1 pipe

PRODUCT GROUP 510

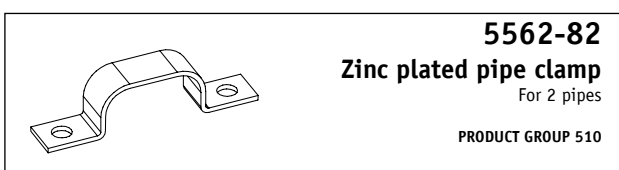
Part no.	To pipe diameter	Number of pipes
5562-81-04	4 mm	1
5562-81-05	5 mm	1
5562-81-06	6 mm	1
5562-81-08	8 mm	1
5562-81-10	10 mm	1
5562-81-12	12 mm	1
5562-81-15	15 mm	1
5562-81-18	18 mm	1
5562-81-20	20 mm	1
5562-81-22	22 mm	1



5562-85
Zinc plated pipe clamp
For 5 pipes

PRODUCT GROUP 510

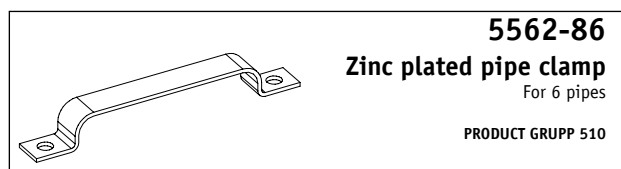
Part no.	To pipe diameter	Number of pipes
5562-85-04	4 mm	5
5562-85-06	6 mm	5
5562-85-08	8 mm	5
5562-85-10	10 mm	5
5562-85-12	12 mm	5



5562-82
Zinc plated pipe clamp
For 2 pipes

PRODUCT GROUP 510

Part no.	To pipe diameter	Number of pipes
5562-82-05	5 mm	2
5562-82-06	6 mm	2
5562-82-08	8 mm	2
5562-82-10	10 mm	2
5562-82-12	12 mm	2
5562-82-15	15 mm	2
5562-82-18	18 mm	2
5562-82-20	20 mm	2
5562-82-22	22 mm	2



5562-86
Zinc plated pipe clamp
For 6 pipes

PRODUCT GRUUP 510

Part no.	To pipe diameter	Number of pipes
5562-86-04	4 mm	6
5562-86-05	5 mm	6
5562-86-06	6 mm	6
5562-86-08	8 mm	6
5562-86-10	10 mm	6



ACCESSORIES

5:05



5:05

HYDROSCAND ACCESSORIES

PRODUCT GROUP 500, 505, 507 OCH 510

This product group includes products that complement Hydroscand's range of hoses and fluid connectors, for example:

- Hose protection from external ab, comes in several designs.
- Straps and cable ties for the hose package.
- Hose reels for safe and rational hose handling.

Hydroscand also offers lubricating equipment, fluids for thread sealing, flange sealing, oils and grease.

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**Hose reel for hoses up to 1/2"**

Robust powder coated steel reel. It rolls up the hose automatically and the hose can also be locked at the desired length. Adjustable hose-guide arm. Can be assembled on a wall, ceiling or floor. Swivelling bracket is available as an extra equipment.

Hose length, max

1/4", 3/8" 15 meter
1/2" 10 meter

5400**Hose reel**

For hoses up to 1/2"

PRODUCT GROUP 507

Length: 460 mm
Width: 180 mm
Height: 447 mm
Weight: 15 kg

Part number	Description
5400-00-00	Hose reel 5400
5414-00-01	Swivelling bracket for 5400/5401
5410-00-04	Hose stopper 1/4"
5410-00-06	Hose stopper 3/8"
5410-00-08	Hose stopper 1/2"
5411-40-04	Swivel 400 bar 1/4" F grease
5411-40-06	Swivel 400 bar 3/8" F water 150°C
5411-40-06F	Swivel 400 bar 3/8" F water 150°C stainless design
5411-60-06	Swivel 60 bar 3/8" F water, oil, 40°C
5411-60-08	Swivel 60 bar 1/2" M water, air, oil 40°C
5411-60-08F	Swivel 60 bar 1/2" M water, air, oil 40°C stainless design
5413-00-01	Spare spring

**Hose reel in stainless design for hoses up to 1/2"**

Hose reel mainly used for hot water cleaning at high and low pressure. Suitable for corrosive environments and in food factories, kitchens, slaughter houses and chemical and pharmaceuticals industries. It rolls up the hose automatically and the hose can also be locked at the desired length. Adjustable hose-guide arm. Can be assembled on a wall, ceiling or floor. Swivelling stainless bracket is available as an extra equipment.

Hose length, max

1/4", 3/8" 15 meter
1/2" 10 meter

5401**Hose reel**

For hoses up to 1/2"

Stainless steel

PRODUCT GROUP 507

Length: 460 mm
Width: 180 mm
Height: 447 mm
Weight: 15 kg

Part number	Description
5401-00-00	Hose reel 5401 stainless design
5414-00-01	Swivelling bracket for 5400/5401
5414-00-01F	Swivelling bracket for 5400/5401 stainless design
5410-00-04	Hose stopper 1/4"
5410-00-06	Hose stopper 3/8"
5410-00-08	Hose stopper 1/2"
5411-40-04	Swivel 400 bar 1/4" F grease
5411-40-06	Swivel 400 bar 3/8" F water 150°C
5411-40-06F	Swivel 400 bar 3/8" F water 150°C stainless design
5411-60-06	Swivel 60 bar 3/8" F water, air, oil 40°C
5411-60-08	Swivel 60 bar 1/2" M water, air, oil 40°C
5411-60-08F	Swivel 60 bar 1/2" M water, air, oil 40°C stainless design

**Hose reel for hoses up to 1/2"**

Robust powder coated steel reel. Suitable for transferring fluids at several pressures and temperatures. It rolls up the hose automatically and the hose can also be locked at the desired length. Adjustable hose-guide arm. Can be assembled on a wall, ceiling or floor. Swivelling bracket is available as an extra equipment.

Hose length, max

1/4", 3/8" 20 meter
1/2" 15 meter


5402**Hose reel**

For hoses up to 1/2"

PRODUCT GROUP 507

Length: 460 mm
Width: 230 mm
Height: 447 mm
Weight: 20 kg

Part number	Description
5402-00-00	Hose reel 5402
5414-00-02	Swivelling bracket for 5402/5403/5407
5410-00-04	Hose stopper 1/4"
5410-00-06	Hose stopper 3/8"
5410-00-08	Hose stopper 1/2"
5411-40-04	Swivel 400 bar 1/4" F grease
5411-40-06	Swivel 400 bar 3/8" F water 150°C
5411-40-06F	Swivel 400 bar 3/8" F water 150°C stainless design
5411-60-06	Swivel 60 bar 3/8" F water, air, oil 40°C
5411-60-08	Swivel 60 bar 1/2" M water, air, oil 40°C
5411-60-08F	Swivel 60 bar 1/2" M water, air, oil 40°C stainless design
5413-00-02	Spare spring




Hose reel in stainless design for hoses up to 1/2"
 Hose reel mainly used for hot water cleaning at high and low pressure. Suitable for corrosive environments and in food factories, kitchens, slaughter houses and chemical and pharmaceuticals industries. It rolls up the hose automatically and the hose can also be locked at the desired length. Adjustable hose-guide arm. Can be assembled on a wall, ceiling or floor. Swivelling stainless bracket is available as an extra equipment.

Hose length, max
 1/4", 3/8" 20 meter
 1/2" 15 meter

5403
Hose reel
 For hoses up to 1/2"
 Stainless steel
PRODUCT GROUP 507

Length: 460 mm
 Width: 230 mm
 Height: 447 mm
 Weight: 20 kg

Part number	Description
5403-00-00	Hose reel 5403 stainless design
5414-00-02	Swivelling bracket for 5402/5403/5407
5414-00-02F	Swivelling bracket for 5402/5403/5407 stainless design
5410-00-04	Hose stopper 1/4"
5410-00-06	Hose stopper 3/8"
5410-00-08	Hose stopper 1/2"
5411-40-04	Swivel 400 bar 1/4" F grease
5411-40-06	Swivel 400 bar 3/8" F water 150°C
5411-40-06F	Swivel 400 bar 3/8" F water 150°C stainless design
5411-60-06	Swivel 60 bar 3/8" F water, air, oil 40°C
5411-60-08	Swivel 60 bar 1/2" M water, air, oil 40°C
5411-60-08F	Swivel 60 bar 1/2" M water, air, oil 40°C stainless design
5413-00-03	Spare spring




Complete air reel with 10 meter of durable polyurethane hose
 A small professional hose reel intended for air. Robust powder coated steel construction. It rolls up the hose automatically and the hose can also be locked at the desired length. Delivered with a swivelling bracket. The air reel is equipped with a durable textile-reinforced polyurethane hose.

5404
Complete air reel
PRODUCT GROUP 507

Length: 360 mm
 Width: 110 mm
 Height: 207 mm
 Weight: 8 kg

Part number	Description
5404-00-01	Complete hose reel 5404 with 10 m air hose 5/16", 20 bar
5404-00-03	Complete hose reel 5404 with 10 m air hose 3/8", 20 bar



Robust hose reel for hoses up to 1"
 Robust powder coated steel construction. It rolls up the hose automatically and the hose can also be locked at the desired length. The drum rotates on ball bearings to reduce friction and to improve functionality. Can be assembled on a wall, ceiling or floor. Delivered with a fixed bracket.

Hose length, max
 3/8", 1/2" 30 meter
 5/8" 25 meter
 3/4" 20 meter
 1" 15 meter

5405
Hose reel
 For hoses up to 1"
PRODUCT GROUP 507

Length: 615 mm
 Width: 360 mm
 Height: 610 mm
 Weight: 34 kg

Part number	Description
5405-00-00	Hose reel 5405 incl. fixed bracket
5410-00-06	Hose stopper 3/8"
5410-00-08	Hose stopper 1/2"
5410-00-12	Hose stopper 3/4"
5410-00-16	Hose stopper 1"
5411-40-06	Swivel 400 bar 3/8" F water 150°C
5411-40-06F	Swivel 400 bar 3/8" F water 150°C stainless design
5411-60-06	Swivel 60 bar 3/8" F water, air, oil 40°C
5411-60-08	Swivel 60 bar 1/2" M water, air, oil 40°C
5411-60-08F	Swivel 60 bar 1/2" M water, air, oil 40°C stainless design
5411-61-16	Swivel 60 bar 1" M water 150°C
5411-62-16	Swivel 60 bar 1" M air, oil, water 40°C



**Robust hose reel in stainless design for hoses up to 1"**

Robust reel in stainless steel. It rolls up the hose automatically and the hose can also be locked at the desired length. The drum rotates on ball bearings to reduce friction and to improve functionality. Can be assembled on a wall, ceiling or floor. Delivered with a fixed bracket.

Hose length, max

3/8", 1/2"	30 meter
5/8"	25 meter
3/4"	20 meter
1"	15 meter

5406**Hose reel**

For hoses up to 1"

PRODUCT GROUP 507

Length:	615 mm
Width:	360 mm
Height:	610 mm
Weight:	34 kg

Part number	Description
5406-00-00	Hose reel 5406 stainless design incl. fixed bracket
5410-00-06	Hose stopper 3/8"
5410-00-08	Hose stopper 1/2"
5410-00-12	Hose stopper 3/4"
5410-00-16	Hose stopper 1"
5411-40-06	Swivel 400 bar 3/8" F water 150°C
5411-40-06F	Swivel 400 bar 3/8" F water 150°C stainless design
5411-60-06	Swivel 60 bar 3/8" F water, air, oil 40°C
5411-60-08	Swivel 60 bar 1/2" M water, air, oil 40°C
5411-60-08F	Swivel 60 bar 1/2" M water, air, oil 40°C stainless design
5411-61-16	Swivel 60 bar 1" M water 150°C
5411-62-16	Swivel 60 bar 1" M air, oil, water 40°C

**Hose reel for welding hose, twin**

Specially developed to handle twin hose for oxygen/acetylene and oxygen/propane. Robust powder coated steel reel. It rolls up the hose automatically and the hose can also be locked at the desired length. The reel is equipped with Hydroscaud hoses who are produced according to european norm EN559/ISO3821. Swivelling bracket is available as an extra equipment.

Hose length, max

1/4", 5/16"	20 meter
3/8"	15 meter

5407**Hose reel**

For twin welding hose

PRODUCT GROUP 507

Length:	460 mm
Width:	280 mm
Height:	447 mm
Weight:	25 kg

Part number	Description
5407-00-00	Hose reel 5407 <u>incl. swivel</u> 1/4" - 3/8"
5410-00-02	Hose stopper twin hose 8x14 mm or 10x17 mm
5410-00-04	Hose stopper 1/4"
5410-00-06	Hose stopper 3/8"
5414-00-02	Swivelling bracket 5402/5403/5407

**Manual hose reel for water hose**

Easy, robust manual reel. Wall mount is included. Can be used, for example as a fire hydrant. Nozzles are available as accessories.

Hose length, max

1/2"	50 meter
3/4"	25 meter

5408**Hose reel**

For water hose

PRODUCT GROUP 507

Part number	Description
5408-00-00	Hose reel 5408
5408-00-01	Hose guide, model 5408



5410
Hose stopper

PRODUCT GROUP 507

Part number	Description
-------------	-------------

5410-00-04	Hose stopper 1/4"
5410-00-06	Hose stopper 3/8"
5410-00-08	Hose stopper 1/2"
5410-00-12	Hose stopper 3/4"
5410-00-16	Hose stopper 1"
5410-00-02	Hose stopper twin hose 8x14 mm or 10x17 mm



5414
Swivelling bracket
For hose reel

PRODUCT GROUP 507

Part number	Description	Model
-------------	-------------	-------

5414-00-01	Swivelling bracket	5400/5401
5414-00-02	Swivelling bracket	5402/5403/5407
5414-00-01F	Swivelling bracket	5400/5401 SS
5414-00-02F	Swivelling bracket	5402/5403/5407 SS



5411
Swivel
For hose reel

PRODUCT GROUP 505

Part number	Description
-------------	-------------

5411-40-04	Swivel 400 bar 1/4" F grease
5411-40-06	Swivel 400 bar 3/8" F water 150°C
5411-40-06F	Swivel 400 bar 3/8" F water 150°C rostfri
5411-60-06	Swivel 60 bar 3/8" F water, air, oil 40°C
5411-60-08	Swivel 60 bar 1/2" M water, air, oil 40°C
5411-60-08F	Swivel 60 bar 1/2" M water, air, oil 40°C Stainless design
5411-61-16	Swivel 60 bar 1" M water 150°C
5411-62-16	Swivel 60 bar 1" M air, oil and water 40°C




5490
Hose holder
Zinc

PRODUCT GROUP 505
W = Width D = Depth

Part number	Description	Measure
-------------	-------------	---------

5490-05-01	1/2" 30 m	W = 110 D = 150
5490-05-02	1/2" 60 m	W = 140 D = 320





9601
Cleaning rags

PRODUCT GROUP 505




8260-03
Clean-Up bag

PRODUCT GROUP 505

Part number	Description
9601-01-010	White cleaning rags cotton BVO 10 kg
9601-01-110	White sheet cleaning rags cotton BVL 10 kg
9601-02-010	Colored cleaning rags cotton TKS 10 kg
9601-03-010	Colored terry rags cotton KF 10 kg

Contents	Quantity
Absorption cloth	10
Absorption snake	2
Gloves nitrile	1 pair
Oil resistant plastic bag	1

Part number	Description
8260-03-02	Absorption cloth, only oil, 5-pack
8260-03-03	Absorption snake, only oil, 1,5 m



8260-00
Universal Absol

Absorbs 0,85 l o/2,0 l of water per liter

PRODUCT GROUP 505

Absol absorbs and neutralizes hazardous spills quickly and easily. The product is multi-functional and suited to all locations where oil, grease, paint, solvents and acids is used.

Absol contains no hazardous ingredients.

Part number	Description
8260-00-03	Absol Blue 16 liter bucket à 10 kg
8260-00-07	Absol Blue 40 liter bag à 16 kg

For safety data sheet, visit our homepage www.hydroscand.com



5660-02
Scrubs wet wipes

PRODUCT GROUP 505

Fixed bracket for Scrubs. Perfect for the store, workshop, car etc.

Part number	Description
5660-02-30	Scrubs wet wipes, bucket with 72 napkins
5660-02-33	Scrubs wet wipes, bucket with 30 napkins
5660-02-32	Scrubs wet wipes, pocket pack with 15 napkins
5660-02-31	Fixed bracket for Scrubs bucket, 30 or 72 napkins

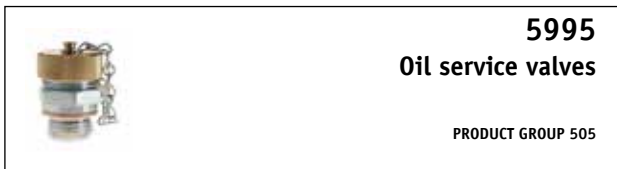
For safety data sheet, visit our homepage www.hydroscand.com



825x
Oil/grease

Part number	Description	Packaging	Quantity
8250-32-04	Hydraulic oil ISO VG 32	Can	4 l
8250-32-20	Hydraulic oil ISO VG 32	Can	20 l
8250-46-20	Hydraulic oil ISO VG 46	Can	20 l
8250-32-208	Hydraulic oil ISO VG 32	Barrel	208 l
8250-46-208	Hydraulic oil ISO VG 46	Barrel	208 l
8258-00-04	Grease Premium Hi-Temp	Cartridge	0,4 kg
8258-00-18	Grease Premium Hi-Temp	Bucket	18,0 kg
8258-00-54	Grease Premium Hi-Temp	Barrel	54,5 kg
8258-01-81	Grease Premium Hi-Temp	Barrel	181,0 kg

For safety data sheet, visit our homepage www.hydroscand.com



5995
Oil service valves

PRODUCT GROUP 505

Part number	Thread hose connection	Thread block
5995-14-15	M22	M14 x 1,5
5995-16-15	M22	M16 x 1,5
5995-18-15	M22	M18 x 1,5
5995-18-16	M26	M18 x 1,5
5995-20-16	M26	M20 x 1,5
5995-22-15	M26	M22 x 1,5
5995-24-15M	M26	M24 x 1,5
5995-24-20M	M26	M24 x 2,0
5995-01-12	M26	3/4"-16 UNF
5995-01-14	M26	7/8"-14 UNF
5995-00-06	M22	G 3/8"
5995-00-08	M26	G 1/2"
5995-00-12M	M26	G 3/4"



5996
Oil service hose

PRODUCT GROUP 505

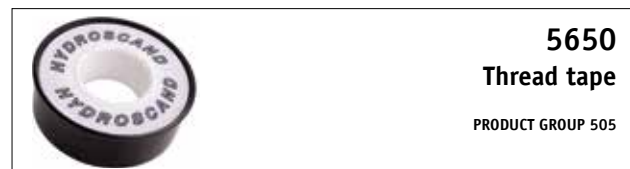
Part number	Thread hose connection	Hose length
5996-00-22	M22	250 mm
5996-05-22	M22	500 mm
5996-02-26	M26	250 mm
5996-05-26	M26	500 mm
5996-01-26	M26	1000 mm
5996-42-22	M22 45°	250 mm
5996-92-22	M22 90°	250 mm
5996-42-26	M26 45°	250 mm



5530-08
YELLOC Service plug

PRODUCT GROUP 505

Part number	Dimension, inch	Dimension, mm
5530-08-02	1/8"-3/8"	1-10
5530-08-00	3/16"-1"	4-23
5530-08-01	3/4"-2"	12-43



5650
Thread tape

PRODUCT GROUP 505

Part number	Description	Width	Length
5650-00-01	Thread tape	1/2"	12 m



5650
Lubricant for stainless steel assembly

PRODUCT GROUP 505

Part number	Description	Quantity
5650-00-05	Oil for SS assembly, 250 ml	1



5490 Suction strainer

PRODUCT GROUP 505

Part number	Description	Dimension
5490-00-24	Suction strainer	1 1/2"
5490-00-32	Suction strainer	2"
5490-00-48	Suction strainer	3"
5490-00-64	Suction strainer	4"



5490-10 Non-return valve, brass

Working pressure: 16 Bar
Opening pressure: 0,02 Bar
Temperature: +120°C
Spring of stainless steel. Seal of nitrile
PRODUCT GROUP 500

Part number	Description	Thread
5490-10-06	Non-return valve	G 3/8" F
5490-10-08	Non-return valve	G 1/2" F
5490-10-12	Non-return valve	G 3/4" F
5490-10-16	Non-return valve	G 1" F
5490-10-20	Non-return valve	G 1 1/4" F
5490-10-24	Non-return valve	G 1 1/2" F
5490-10-32	Non-return valve	G 2" F
5490-10-40	Non-return valve	G 2 1/2" F
5490-10-48	Non-return valve	G 3" F
5490-10-64	Non-return valve	G 4" F



5490-20

Foot valve

Brass with strainer
Working pressure: 16 Bar
Opening pressure: 0,02 Bar
Temperature: +120°C
Spring of stainless steel. Seal of nitrile
PRODUCT GROUP 500

Part number	Description	Thread
5490-20-06	Foot valve with strainer	G 3/8" F
5490-20-08	Foot valve with strainer	G 1/2" F
5490-20-12	Foot valve with strainer	G 3/4" F
5490-20-16	Foot valve with strainer	G 1" F
5490-20-20	Foot valve with strainer	G 1 1/4" F
5490-20-24	Foot valve with strainer	G 1 1/2" F
5490-20-32	Foot valve with strainer	G 2" F



5555
Nozzle pipe
PRODUCT GROUP 500

Part number	Type
5555-32-08X1	1/2"-3/4" hose pipe



5555
Nozzle pipe
PRODUCT GROUP 500

Part number	Type
5555-63-08X1	Male part 1/2"



5491
Flush nozzle
PRODUCT GROUP 505

Part number	Description	Thread
5491-00-01	Flush nozzle, industry	G 3/4" M
5491-00-02	Flush nozzle, food	G 3/4" M



5430-01-40
Spray gun
350 bar
PRODUCT GROUP 505

Part number	Inlet	Outlet
5430-01-40	G 3/8" F swivel	G 1/4" F



5430-01-42
Spray gun
Stainless steel,
food approved
350 bar
PRODUCT GROUP 505

Part number	Inlet	Outlet
5430-01-42	G 3/8" F	G 1/4" F



5430-01-44
Spray gun
Anti-freeze 310 bar
PRODUCT GROUP 505

Part number	Inlet	Outlet
5430-01-44	G 3/8" F	G 1/4" F



5430-01-46
Spray gun
280 bar
PRODUCT GROUP 505

Part number	Inlet	Outlet
5430-01-46	G 3/8" F swivel	G 1/4" F

Information: Part number labeled x1 is blister packages



5430-01-49
Spray gun
280 bar
PRODUCT GROUP 505

Part number	Inlet	Outlet
5430-01-49	M22 M	G 1/4" F



5430-01-50
Spray gun
255 bar
PRODUCT GROUP 505

Part number	Inlet	Outlet
5430-01-50	G 3/8" F	G 1/4" F



5491
NITO
Water gun Heavy Duty
PRODUCT GROUP 505

Part number	Thread
5491-00-04	G 1/2" F



5430-01-81X1
Nipple KEW
PRODUCT GROUP 505

Part number	Type
5430-01-81X1	G1/4" M



5430-01-83X1
Adaptor KEW
PRODUCT GROUP 505

Part number	Type
5430-01-83X1	G 1/4" F



5430-01-84X1
Swivel fitting
PRODUCT GROUP 505

Part number	Type
5430-01-84X1	G 1/4"-M22



5430
Lance stainless steel
Max temp 150°C, WP 25,0 MPa
40 l/min
PRODUCT GROUP 505

Part number	Type	Inlopp	Utlopp
5430-13-02	700 mm	G 1/4" M	G 1/4" M
5430-13-03	900 mm	G 1/4" M	G 1/4" M
5430-13-04	1200 mm	G 1/4" M	G 1/4" M
5430-13-05	1500 mm	G 1/4" M	G 1/4" M




5430
Nozzle
Max temp 150°C, WP 21,0 MPa
PRODUCT GROUP 505

Part number	Type	Connection
5430-04-42	Adjustable nozzle NPT 1/8" F	G 1/4" F



5430
Double lance stainless steel
Max temp 150°C, WP 25,0 MPa
40 l/min
PRODUCT GROUP 505

Part number	Type	Inlopp	Utlopp
5430-02-69	1100mm	G 1/4" M	NPT 1/4" F



5430
Nozzle
Max temp 100°C, WP 50,0 MPa
PRODUCT GROUP 505

Part number	Type	Connection
5430-04-62	RotoJet nozzle 045	G 1/4" F
5430-04-64	RotoJet nozzle 055	G 1/4" F



5430
Under body lance
Max temp 150°C, WP 28,0 MPa
40 l/min
PRODUCT GROUP 505

Part number	Type	Connection
5430-02-91	750 mm M 22 x 1,5	NPT 1/4" F



5430
Nozzle
Max temp 100°C, WP 21,0 MPa
PRODUCT GROUP 505

Part number	Type	Connection
5430-04-90	RotoJet nozzle 045	G 1/4" F
5430-04-92	RotoJet nozzle 055	G 1/4" F



5430
Nozzle protection
280 bar
PRODUCT GROUP 505

Part number	Type
5430-04-48X1	G 1/4"



5430
High pressure nozzle
PRODUCT GROUP 505

Part number	Type	Connection
5430-10-52X1	Nozzle 030 angle 15°	NPT 1/4" M
5430-10-53X1	Nozzle 035 angle 15°	NPT 1/4" M
5430-10-54X1	Nozzle 040 angle 15°	NPT 1/4" M
5430-10-55X1	Nozzle 045 angle 15°	NPT 1/4" M
5430-10-56X1	Nozzle 050 angle 15°	NPT 1/4" M
5430-10-57X1	Nozzle 055 angle 15°	NPT 1/4" M
5430-10-58X1	Nozzle 060 angle 15°	NPT 1/4" M
5430-10-59X1	Nozzle 065 angle 15°	NPT 1/4" M
5430-10-60X1	Nozzle 030 angle 25°	NPT 1/4" M
5430-10-61X1	Nozzle 035 angle 25°	NPT 1/4" M
5430-10-62X1	Nozzle 040 angle 25°	NPT 1/4" M
5430-10-63X1	Nozzle 045 angle 25°	NPT 1/4" M
5430-10-64X1	Nozzle 050 angle 25°	NPT 1/4" M
5430-10-65X1	Nozzle 055 angle 25°	NPT 1/4" M
5430-10-66X1	Nozzle 060 angle 25°	NPT 1/4" M
5430-10-67X1	Nozzle 065 angle 25°	NPT 1/4" M



5430
Nozzle protection
280 bar/SF
PRODUCT GROUP 505

Part number	Type
5430-04-50X1	G 1/4"



5430
Nozzle protection
PRODUCT GROUP 505

Part number	Type
5430-04-43X1	G 1/4"



5430
Sewer nozzle
WP 35 MPa
PRODUCT GROUP 505

Part number	Type	Hole	Thread
5430-11-14X1	Nozzle 045	3+1	G 1/8" F
5430-11-18X1	Nozzle 045	3+1	G 1/4" F
5430-11-19X1	Nozzle 055	3+1	G 1/4" F
5430-11-22X1	Nozzle 045	3+1	G 3/8" F



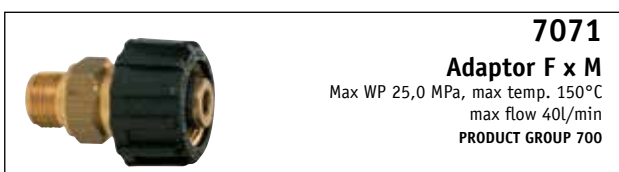
5430
Rotating sewer nozzle
WP 25 MPa
PRODUCT GROUP 505

Part number	Type	Hole	Thread
5430-12-02X1	Nozzle 045	3	G 1/8" F
5430-12-07X1	Nozzle 050	3	G 1/4" F
5430-12-10X1	Nozzle 050	3	G 3/8" F



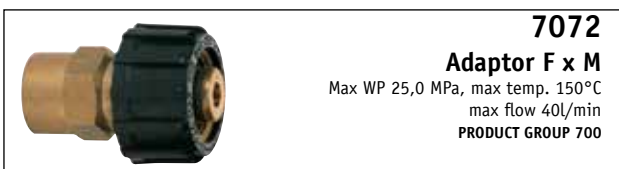
5430
Low pressure nozzle
Max temp 150°C
40 l/min
PRODUCT GROUP 505

Part number	Type	Connection
5430-10-68	Low pressure nozzle	NPT 1/4" M



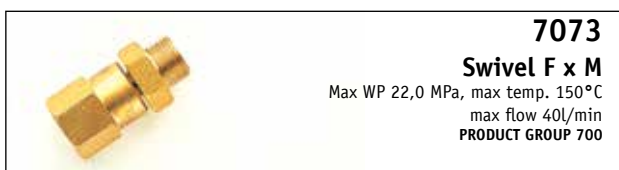
7071
Adaptor F x M
Max WP 25,0 MPa, max temp. 150°C
max flow 40l/min
PRODUCT GROUP 700

Part number	Thread 1	x	Thread 2
7071-22-04X1	M 22 x 1,5 FS		G 1/4" M HPW
7071-22-06X1	M 22 x 1,5 FS		G 3/8" M HPW



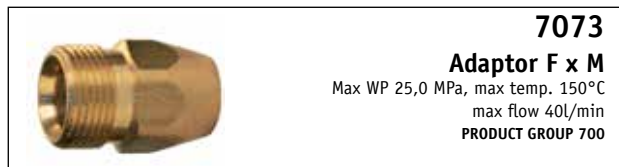
7072
Adaptor F x M
Max WP 25,0 MPa, max temp. 150°C
max flow 40l/min
PRODUCT GROUP 700

Part number	Thread 1	x	Thread 2
7072-22-04X1	M 22 x 1,5 FS		G 1/4" F HPW
7072-22-06X1	M 22 x 1,5 FS		G 3/8" F HPW



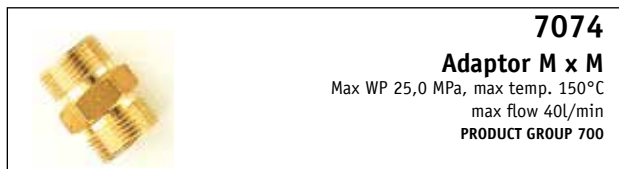
7073
Swivel F x M
Max WP 22,0 MPa, max temp. 150°C
max flow 40l/min
PRODUCT GROUP 700

Part number	Thread 1	x	Thread 2
7073-06-06X1	G 3/8" M		G 3/8" FS



7073
Adaptor F x M
Max WP 25,0 MPa, max temp. 150°C
max flow 40l/min
PRODUCT GROUP 700

Part number	Thread 1	x	Thread 2
7073-22-04X1	M 22 x 1,5 M		G 1/4" F HPW
7073-22-06X1	M 22 x 1,5 M		G 3/8" F HPW



7074
Adaptor M x M
Max WP 25,0 MPa, max temp. 150°C
max flow 40l/min
PRODUCT GROUP 700

Part number	Thread 1	x	Thread 2
7074-22-22X1	M 22 x 1,5 M		M 22 x 1,5 M HPW



7075
Adaptor M x M
Max WP 25,0 MPa, max temp. 150°C
max flow 40l/min
PRODUCT GROUP 700

Part number	Thread 1	x	Thread 2
7075-22-04X1	M 22 x 1,5 M		G 1/4" M HPW
7075-22-06X1	M 22 x 1,5 M		G 3/8" M HPW



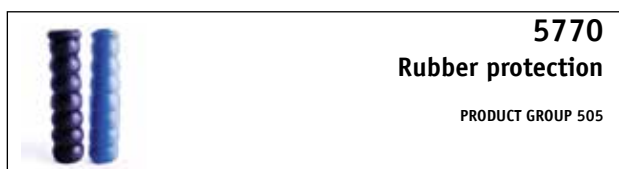
5430
Rotating brush
Max temp 60°C, WP 4 MPa
PRODUCT GROUP 505

Part number	Type	Connection
5430-10-27	Rotating brush	G 1/4" F



5430
Universal brush
Max temp 40°C, WP 0,5 MPa
12 l/min
PRODUCT GROUP 505

Part number	Type	Connection
5430-10-33	Universal brush	G 1/4" F



5770
Rubber protection
PRODUCT GROUP 505

Part number	Description	Colour	ID
5770-01-15	Rubber protection	Black	15 mm
5770-01-17	Rubber protection	Black	17 mm
5770-01-18	Rubber protection	Black	18 mm
5770-01-22	Rubber protection	Black	22 mm
5770-02-15	Rubber protection	Blue	15 mm
5770-02-18	Rubber protection	Blue	18 mm
5770-02-22	Rubber protection	Blue	22 mm

5526-6 Textile hose protection

Pressure resistant – Environment-friendly

A hose failure always causes environmental pollution. Hydroscand textile hose protection is made of highly dense nylon fibre weave that gives the hose protection a density that can handle 8 bar pressure for 15 seconds, and thereby preventing unnecessary waste. Tests have been performed according to SAE J343.

Abrasion resistant – Economic

The most common damage to hoses are injuries that occur outside. The nylon fibres in the hose protection are designed to withstand external mechanical abrasion. Hydroscand textile hose protection thereby lengthening the life of your hoses. Abrasion tests were performed in accordance with ISO 6945th

Compact design – Safety

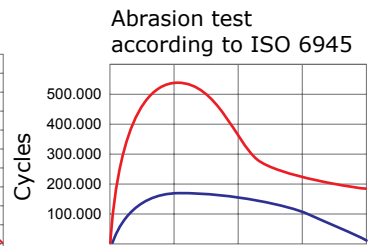
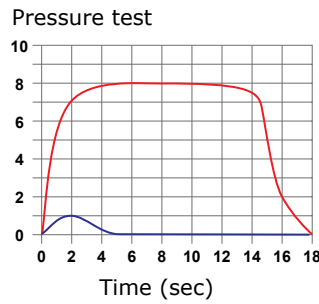
The risk of injury due to so-called "pin hole" is big when people are in close proximity to hose pipes with high pressure. The nylon fibres compact design makes it capable to withstand the pressure from an accident and therefore reduces the risk of injury significantly.



5526-6
Hose protection

PRODUCT GROUP 505

Part number	Round dia.	Flat dia.
5526-60-23	23 mm	36 mm
5526-60-25	25 mm	39 mm
5526-60-31	31 mm	49 mm
5526-60-36	36 mm	54 mm
5526-60-40	40 mm	63 mm
5526-60-53	53 mm	83 mm
5526-60-60	60 mm	94 mm
5526-60-73	73 mm	115 mm



"Pin hole"-tested



Fire resistant



Durable



Pressure resistant



5526-7 Sealable textile hose protection

Properties

The sealable hose protection is the ideal solution when you have a need to protect several hoses. The heavy velcro lock makes it possible to protect the hoses that are already assembled. The protection is made of fiberglass coated silicone, which makes it capable to handle environments with temperatures up to 200 ° C.

Benefits

- Can be used on already assembled hoses or cables that are in operation
- Excellent abrasion properties
- Possible to inspect the hose during operation
- Facilitates maintenance
- Reduces the costs



5526-7
Sealable
hose protection

PRODUCT GROUP 505

Part number	Round dia.	Flat dia.
5526-70-50	50 mm	78 mm
5526-71-00	100 mm	157 mm
5526-71-50	150 mm	235 mm
5526-72-00	200 mm	314 mm



5521
Steel spiral
Flat

Only available in whole meters

PRODUCT GROUP 505

Part number	Description	ID
5521-00-13	Steel spiral	13 mm
5521-00-15	Steel spiral	15 mm
5521-00-17	Steel spiral	17 mm
5521-00-19	Steel spiral	19 mm
5521-00-23	Steel spiral	23 mm
5521-00-26	Steel spiral	26 mm
5521-00-29	Steel spiral	29 mm
5521-00-34	Steel spiral	34 mm
5521-00-41	Steel spiral	41 mm
5521-00-48	Steel spiral	48 mm
5521-00-54	Steel spiral	54 mm



5523
Plastic spiral
Black, flat

Hose and cable protection

PRODUCT GROUP 505

Part number	Description	ID	Thickness
5523-00-06	Plastic spiral	6,4 mm	1,2 mm
5523-00-09	Plastic spiral	12,7 mm	1,6 mm
5523-00-19	Plastic spiral	19,0 mm	1,6 mm
5523-00-25	Plastic spiral	25,0 mm	2,4 mm



5524
Hose protection
Yellow, flat

The hose protection will crimp during storage and transportation, but will stretch to the right dimension during assembly.

PRODUCT GROUP 505

Part number	Hose dim.	Length	Thickness	Colour
5524-00-016	11-17 mm	6 m	1,6 mm	Yellow
5524-00-020	17-21 mm	6 m	2,0 mm	Yellow
5524-00-025	21-27 mm	6 m	2,5 mm	Yellow
5524-00-032	27-35 mm	6 m	2,5 mm	Yellow
5524-00-040	35-42 mm	6 m	3,0 mm	Yellow
5524-00-050	42-58 mm	6 m	3,0 mm	Yellow
5524-00-075	58-70 mm	6 m	4,0 mm	Yellow
5524-00-090	70-90 mm	6 m	4,5 mm	Yellow
5524-00-110	90-115 mm	6 m	5,0 mm	Yellow
5524-00-140	115-135 mm	6 m	5,5 mm	Yellow
5524-00-160	135-165 mm	6 m	5,5 mm	Yellow
5524-25-040	35-42 mm	25 m	3,0 mm	Yellow
5524-25-050	42-58 mm	25 m	3,0 mm	Yellow
5524-50-016	11-17 mm	50 m	1,6 mm	Yellow
5524-50-020	17-21 mm	50 m	2,0 mm	Yellow
5524-50-025	21-27 mm	50 m	2,5 mm	Yellow
5524-50-032	27-35 mm	50 m	2,5 mm	Yellow
5524-10-016	11-17 mm	1 m	1,6 mm	Yellow
5524-10-020	17-21 mm	1 m	2,0 mm	Yellow
5524-10-025	21-27 mm	1 m	2,5 mm	Yellow
5524-10-032	27-35 mm	1 m	2,5 mm	Yellow
5524-10-040	35-42 mm	1 m	2,5 mm	Yellow
5524-10-050	42-58 mm	1 m	3,0 mm	Yellow
5524-10-075	58-70 mm	1 m	4,0 mm	Yellow
5524-10-090	70-90 mm	1 m	1,5 mm	Yellow
5524-10-110	90-115 mm	1 m	5,0 mm	Yellow
5524-10-140	115-135 mm	1 m	5,5 mm	Yellow
5524-10-160	135-165 mm	1 m	5,5 mm	Yellow





5526

Hose protection

Black, flat

The hose protection will crimp during storage and transportation, but will stretch to the right dimension during assembly.

PRODUCT GROUP 505



5524-00-001

Complete hose protection rack

Floor racks for 1-meter length

PRODUCT GROUP 0999

Part number	Hose dim.	Length	Thickness	Colour
5526-00-016	11-17 mm	6 m	1,6 mm	Black
5526-00-020	17-21 mm	6 m	2,0 mm	Black
5526-00-025	21-27 mm	6 m	2,5 mm	Black
5526-00-032	27-35 mm	6 m	2,5 mm	Black
5526-00-040	35-42 mm	6 m	3,0 mm	Black
5526-00-050	42-58 mm	6 m	3,0 mm	Black
5526-00-075	58-70 mm	6 m	4,0 mm	Black
5526-00-090	70-90 mm	6 m	4,5 mm	Black
5526-00-110	90-110 mm	6 m	5,0 mm	Black
5526-00-140	115-135 mm	6 m	5,5 mm	Black
5526-00-160	135-165 mm	6 m	5,5 mm	Black
5526-25-040	35-42 mm	25 m	3,0 mm	Black
5526-25-050	42-58 mm	25 m	3,0 mm	Black
5526-50-016	11-17 mm	50 m	1,6 mm	Black
5526-50-020	17-21 mm	50 m	2,0 mm	Black
5526-50-025	21-27 mm	50 m	2,5 mm	Black
5526-50-032	27-35 mm	50 m	2,5 mm	Black
5526-10-016	11-17 mm	1 m	1,6 mm	Black
5526-10-020	17-21 mm	1 m	2,0 mm	Black
5526-10-025	21-27 mm	1 m	2,5 mm	Black
5526-10-032	27-35 mm	1 m	2,5 mm	Black
5526-10-040	35-42 mm	1 m	3,0 mm	Black
5526-10-050	42-58 mm	1 m	3,0 mm	Black
5526-10-075	58-70 mm	1 m	4,0 mm	Black
5526-10-090	70-90 mm	1 m	4,5 mm	Black
5526-10-110	90-110 mm	1 m	5,0 mm	Black
5526-10-140	115-135 mm	1 m	5,5 mm	Black
5526-10-160	135-165 mm	1 m	5,5 mm	Black

Other colours are available upon request

Part number	Number of hose protections	Colour
5524-00-001	Complete hose protection rack including:	
5524-10-020	10 pcs	Yellow
5524-10-025	10 pcs	Yellow
5524-10-032	10 pcs	Yellow
5524-10-050	7 pcs	Yellow
5524-10-075	5 pcs	Yellow
5524-10-090	4 pcs	Yellow
5524-10-110	3 pcs	Yellow
5526-10-020	10 pcs	Black
5526-10-025	10 pcs	Black
5526-10-032	10 pcs	Black
5526-10-050	7 pcs	Black
5526-10-075	5 pcs	Black
5526-10-090	4 pcs	Black
5526-10-110	3 pcs	Black

5:05

Right protection for the right hose

Part number	Fits hose size
552x-xx-016	3/16"
552x-xx-016	1/4"
552x-xx-020	3/8"
552x-xx-025	1/2"
552x-xx-032	3/4"
552x-xx-040	1"
552x-xx-050	1 1/4"
552x-xx-075	1 1/2"
552x-xx-075	2"
552-x-xx-090	2" 6-steel spiral hose



Make your hoses visible in the dark
 Hydroscand luminous hose protection makes your hoses visible in the dark. The luminous Hydroscand spiral is a security product that can be used for all types of hoses.

5526-80
Hose protection, luminous

PRODUCT GROUP 505

Part number	Type	Standard length
5526-80-016	Hose protection luminous ø 12-17 mm	20 m
5526-80-020	Hose protection luminous ø 16-22 mm	20 m
5526-80-025	Hose protection luminous ø 22-28 mm	20 m
5526-80-032	Hose protection luminous ø 27-33 mm	20 m
5526-80-040	Hose protection luminous ø 33-42 mm	20 m



5525
Fire sleeve for hose

Fiberglass/silicone
 Temperature range: -65° - +260°C
 Temporarily: (15 min.) +1050°C

PRODUCT GROUP 505



5528
Stainless steel braid

PRODUCT GROUP 505

Part number	ID	Thickness
5525-00-06	10 mm	4 mm
5525-00-08	13 mm	4 mm
5525-00-10	16 mm	4 mm
5525-00-12	19 mm	4 mm
5525-00-14	22 mm	4 mm
5525-00-16	25 mm	4 mm
5525-00-18	28 mm	4 mm
5525-00-20	32 mm	4 mm
5525-00-22	35 mm	4 mm
5525-00-24	38 mm	4 mm
5525-00-28	44 mm	4 mm
5525-00-32	51 mm	4 mm
5525-00-39	57 mm	4 mm
5525-00-41	64 mm	4 mm
5525-00-44	70 mm	4 mm
5525-00-48	76 mm	4 mm
5525-00-52	83 mm	4 mm
5525-00-56	89 mm	4 mm
5525-00-64	102 mm	4 mm

Part number	Description	ID	Weight kg/m
5528-00-12	Stainless steel braid	12 mm	0,09
5528-00-16	Stainless steel braid	16 mm	0,13
5528-00-19	Stainless steel braid	19 mm	0,14
5528-00-24	Stainless steel braid	24 mm	0,24
5528-00-29	Stainless steel braid	29 mm	0,24
5528-00-35	Stainless steel braid	35 mm	0,30
5528-00-44	Stainless steel braid	44 mm	0,48
5528-00-53	Stainless steel braid	53 mm	0,61
5528-00-66	Stainless steel braid	66 mm	0,70
5528-00-86	Stainless steel braid	86 mm	1,20
5528-00-98	Stainless steel braid	98 mm	1,41





5528-01
Whipcheck
Safety cable
PRODUCT GROUP 505

Part number	Type
5528-01-02	Hose to hose 1/2" - 1 1/4"
5528-01-04	Hose to hose 1 1/2" - 3"
5528-01-06	Hose to hose 3" - 6"



5528-10
Support plait open
PRODUCT GROUP 505

Part number	Description
5528-10-20	Support plait, open 10-20 mm
5528-10-30	Support plait, open 20-30 mm
5528-10-40	Support plait, open 30-40 mm
5528-10-50	Support plait, open 40-50 mm
5528-10-65	Support plait, open 50-65 mm
5528-10-80	Support plait, open 65-80 mm

Also available in stainless design



5528-20
Support plait single
PRODUCT GROUP 505

Part number	Description
5528-20-20	Support plait, single 10-20 mm
5528-20-30	Support plait, single 20-30 mm
5528-20-40	Support plait, single 30-40 mm
5528-20-50	Support plait, single 40-50 mm
5528-20-65	Support plait, single 50-65 mm
5528-20-80	Support plait, single 65-80 mm

Also available in stainless design



5905
Cambuckle strap
PRODUCT GROUP 505

Part number	Description	Length
5905-04-05	Cambuckle strap	500 mm
5905-04-07	Cambuckle strap	750 mm
5905-04-10	Cambuckle strap	1000 mm
5905-04-20	Cambuckle strap	2000 mm
5905-04-50	Cambuckle strap	5000 mm



5906
Cable tie
PRODUCT GROUP 505

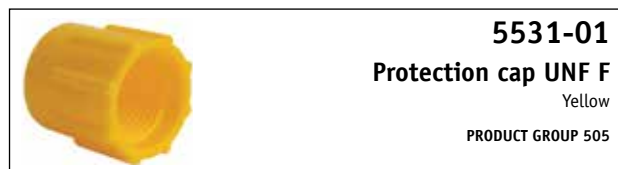
Part number	Description	Length	Width	pcs/pack.
5906-00-09	Cable tie	95 mm	2,5 mm	200
5906-00-15	Cable tie	150 mm	3,5 mm	100
5906-00-19	Cable tie	200 mm	3,5 mm	100
5906-00-20	Cable tie	200 mm	4,6 mm	100
5906-00-27	Cable tie	300 mm	4,6 mm	100
5906-00-38	Cable tie	385 mm	7,6 mm	100
5906-00-39	Cable tie	385 mm	4,6 mm	100
5906-00-45	Cable tie	450 mm	7,6 mm	100
5906-00-53	Cable tie	533 mm	8,9 mm	100
5906-00-55	Cable tie	540 mm	13,0 mm	50
5906-00-75	Cable tie	755 mm	7,6 mm	50



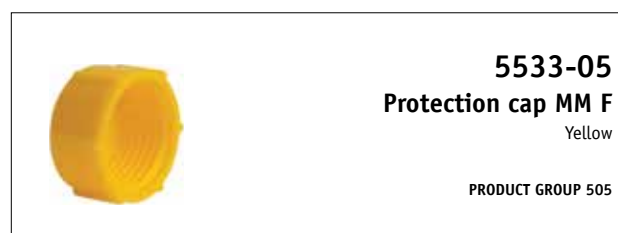
Part number	Description	ID mm
5530-01-10	Protection plug	8,2 - 9,4
5530-01-11	Protection plug	9,2 - 10,6
5530-01-12	Protection plug	9,9 - 11,1
5530-01-15	Protection plug	10,8 - 12,6
5530-01-16	Protection plug	11,6 - 13,0
5530-01-17	Protection plug	12,4 - 13,9
5530-01-18	Protection plug	13,0 - 14,2
5530-01-20	Protection plug	14,1 - 15,9
5530-01-25	Protection plug	14,5 - 16,1
5530-01-27	Protection plug	15,4 - 17,2
5530-01-30	Protection plug	17,0 - 19,0
5530-01-35	Protection plug	18,0 - 20,2
5530-01-36	Protection plug	19,4 - 21,3
5530-01-37	Protection plug	20,2 - 22,0
5530-01-38	Protection plug	21,5 - 23,5
5530-01-40	Protection plug	22,4 - 25,3
5530-01-41	Protection plug	24,0 - 25,7
5530-01-42	Protection plug	25,2 - 27,2
5530-01-44	Protection plug	27,4 - 28,7
5530-01-45	Protection plug	27,8 - 30,5
5530-01-50	Protection plug	29,4 - 31,8
5530-01-52	Protection plug	31,0 - 33,2
5530-01-55	Protection plug	33,2 - 35,0
5530-01-60	Protection plug	38,0 - 40,4
5530-01-65	Protection plug	41,5 - 43,9
5530-01-70	Protection plug	44,0 - 46,8
5530-01-75	Protection plug	47,2 - 49,7
5530-01-76	Protection plug	49,1 - 51,5



Part number	Description	Thread
5533-01-02	Protection cap	G 1/8" F
5533-01-04	Protection cap	G 1/4" F
5533-01-06	Protection cap	G 3/8" F
5533-01-08	Protection cap	G 1/2" F
5533-01-10	Protection cap	G 5/8" F
5533-01-12	Protection cap	G 3/4" F
5533-01-14	Protection cap	G 7/8" F
5533-01-16	Protection cap	G 1" F
5533-01-20	Protection cap	G 1 1/4" F
5533-01-24	Protection cap	G 1/2" F
5533-01-32	Protection cap	G 2" F



Part number	Description	Thread
5531-01-07	Protection cap	7/16" - 20 UNF F
5531-01-08	Protection cap	1/2" - 20 UNF F
5531-01-09	Protection cap	9/16" - 18 UNF F
5531-01-12	Protection cap	3/4" - 16 UNF F
5531-01-14	Protection cap	7/8" - 14 UNF F
5531-01-17	Protection cap	1 1/16" - 12 UNF F
5531-01-19	Protection cap	1 3/16" - 12 UNF F
5531-01-21	Protection cap	1 5/16" - 12 UNF F
5531-01-26	Protection cap	1 5/8" - 12 UNF F
5531-01-30	Protection cap	1 7/8" - 12 UNF F



Part number	Description	Thread
5533-05-12	Protection cap	M 12 x 1,5 F
5533-05-14	Protection cap	M 14 x 1,5 F
5533-05-16	Protection cap	M 16 x 1,5 F
5533-05-18	Protection cap	M 18 x 1,5 F
5533-05-20	Protection cap	M 20 x 1,5 F
5533-05-22	Protection cap	M 22 x 1,5 F
5533-05-24	Protection cap	M 24 x 1,5 F
5533-05-26	Protection cap	M 26 x 1,5 F
5533-05-30	Protection cap	M 30 x 1,5 F
5533-05-36	Protection cap	M 36 x 1,5 F
5533-05-42	Protection cap	M 42 x 2,0 F
5533-05-45	Protection cap	M 45 x 2,0 F
5533-05-52	Protection cap	M 52 x 2,0 F



Part number	Description	Thread
5533-00-02	Protection plug	G 1/8" M
5533-00-04	Protection plug	G 1/4" M
5533-00-06	Protection plug	G 3/8" M
5533-00-08	Protection plug	G 1/2" M
5533-00-10	Protection plug	G 5/8" M
5533-00-12	Protection plug	G 3/4" M
5533-00-14	Protection plug	G 7/8" M
5533-00-16	Protection plug	G 1" M
5533-00-20	Protection plug	G 1 1/4" M
5533-00-24	Protection plug	G 1 1/2" M
5533-00-32	Protection plug	G 2" M





5531-00
Protection plug – UNF M
 Yellow
 PRODUCT GROUP 505

Part number	Description	Thread
5531-00-07	Protection plug	7/16" - 20 UNF M
5531-00-08	Protection plug	1/2" - 20 UNF M
5531-00-09	Protection plug	9/16" - 18 UNF M
5531-00-12	Protection plug	3/4" - 16 UNF M
5531-00-14	Protection plug	7/8" - 14 UNF M
5531-00-17	Protection plug	1 1/16" - 12 UNF M
5531-00-19	Protection plug	1 3/16" - 12 UNF M
5531-00-21	Protection plug	1 5/16" - 12 UNF M
5531-00-26	Protection plug	1 5/8" - 12 UNF M
5531-00-30	Protection plug	1 7/8" - 12 UNF M



5533-06
Protection plug MM M
 Yellow
 PRODUCT GROUP 505

Part number	Description	Thread
5533-06-14	Protection plug	M 14 x 1,5 M
5533-06-16	Protection plug	M 16 x 1,5 M
5533-06-18	Protection plug	M 18 x 1,5 M
5533-06-20	Protection plug	M 20 x 1,5 M
5533-06-22	Protection plug	M 22 x 1,5 M
5533-06-24	Protection plug	M 24 x 1,5 M
5533-06-26	Protection plug	M 26 x 1,5 M
5533-06-30	Protection plug	M 30 x 1,5 M
5533-06-36	Protection plug	M 36 x 1,5 M




5532-03
Protection plug – KS
 Red
 PRODUCT GROUP 505

Part number	Description	Fits
5532-03-15	Protection plug	G 1/4"
5532-03-25	Protection plug	G 3/8"
5532-03-35	Protection plug	G 1/2"
5532-03-40	Protection plug	G 3/4"
5532-03-50	Protection plug	G 1"
5532-03-60	Protection plug	G 1 1/4"
5532-03-70	Protection plug	G 1 1/2"



5534-03/06
Protection cap– SAE flange
 Red
 PRODUCT GROUP 505

Part number	Description	Dim.
5534-03-08	Protection cap SAE Flange 3000 PSI CODE 61	1/2"
5534-03-12	Protection cap SAE Flange 3000 PSI CODE 61	3/4"
5534-03-16	Protection cap SAE Flange 3000 PSI CODE 61	1"
5534-03-20	Protection cap SAE Flange 3000 PSI CODE 61	1 1/4"
5534-03-24	Protection cap SAE Flange 3000 PSI CODE 61	1 1/2"
5534-03-32	Protection cap SAE Flange 3000 PSI CODE 61	2"
5534-06-08	Protection cap SAE Flange 6000 PSI CODE 62	1/2"
5534-06-12	Protection cap SAE Flange 6000 PSI CODE 62	3/4"
5534-06-16	Protection cap SAE Flange 6000 PSI CODE 62	1"
5534-06-20	Protection cap SAE Flange 6000 PSI CODE 62	1 1/4"
5534-06-24	Protection cap SAE Flange 6000 PSI CODE 62	1 1/2"
5534-06-32	Protection cap SAE Flange 6000 PSI CODE 62	2"



5601-00-02
Assortment box
 Rubber steel washer
 BSP

PRODUCT GROUP 505

Part number	Description	Type	Quantity
5601-00-02	Rubber steel washer	inch	118 pcs/9 sizes



5902-90-01
Assortment box
 Grease nipples

PRODUCT GROUP 505

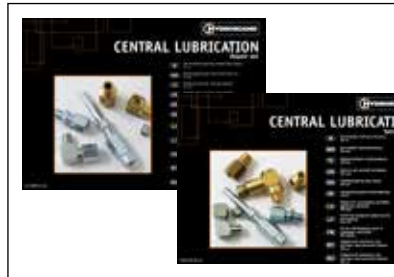
Part number	Description	Quantity
5902-90-01	Grease nipples	4 nozzles/135 nipples



5601-00-04
Assortment box
 Rubber steel washer
 BSP/mm

PRODUCT GROUP 505


Part number	Description	Type	Quantity
5601-00-04	Rubber steel washer	inch/mm	225 pcs /15 sizes



24-9000-01
Assortment box
 CLS

PRODUCT GROUP 505


Part number	Description
24-9000-01-01	Central lubrication Repair Set
24-9000-01-10	Central lubrication Service Set, large



5601-00-03
Assortment box
 Rubber steel washer
 mm

PRODUCT GROUP 505


Part number	Description	Type	Quantity
5601-00-03	Rubber steel washer	mm	130 pcs /9 sizes



M00000001
Assortment box
 Pneumatic

PRODUCT GROUP 505

Part number	Description
M00000001	Assortment box Pneumatic



5611-00-03
Assortment box
 O-rings ORFS

PRODUCT GROUP 505

Part number	Description	Quantity
5611-00-03	ORFS O-rings	145 pcs/8 sizes



5611-00-01
O-ring set, inch

PRODUCT GROUP 505

Part number	Description	Type	Quantity
5611-00-01	O-rings	inch	328 pcs/30 sizes



5620-00-01
Assortment box
 Copper plate

PRODUCT GROUP 505

Part number	Description	Type	Quantity
5620-00-01	Copper plate	mm	225 pcs/9 sizes



5611-00-02
O-ring set, metric

PRODUCT GROUP 505

Part number	Description	Type	Quantity
5611-00-02	O-rings	mm	460 pcs/30 sizes





5610-02
O-ring for SAE-flange
NB! dim. 02-10 fits with Komatsu flange 34,2 mm
PRODUCT GROUP 510

Part number	Description	For
5610-02-08	O-ring	1/2" Fange
5610-02-10	O-ring	5/8" Flange
5610-02-12	O-ring	3/4" Flange
5610-02-16	O-ring	1" Flange
5610-02-20	O-ring	1 1/4" Flange
5610-02-24	O-ring	1 1/2" Flange
5610-02-32	O-ring	2" Flange
5610-02-40	O-ring	2 1/2" Flange



5610-10
O-ring for BSP hose fitting
PRODUCT GROUP 510

Part number	Description	For
5610-10-04	O-ring	G 1/4"
5610-10-06	O-ring	G 3/8"
5610-10-08	O-ring	G 1/2"
5610-10-10	O-ring	G 5/8"
5610-10-12	O-ring	G 3/4"
5610-10-16	O-ring	G 1"
5610-10-20	O-ring	G 1 1/4"
5610-10-24	O-ring	G 1 1/2"
5610-10-32	O-ring	G 2"



5610-03
O-ring for DKLO
DKSO from 6-12
PRODUCT GROUP 510

Part number	Description	For
5610-03-06	O-ring	DKLO/DKSO 6
5610-03-08	O-ring	DKLO/DKSO 8
5610-03-10	O-ring	DKLO/DKSO 10
5610-03-12	O-ring	DKLO/DKSO 12
5610-03-15	O-ring	DKLO 15
5610-03-18	O-ring	DKLO 18
5610-03-22	O-ring	DKLO 22
5610-03-28	O-ring	DKLO 28
5610-03-35	O-ring	DKLO 35
5610-03-42	O-ring	DKLO 42



5610-01
O-ring
PRODUCT GROUP 510

Part number	Description	For
5610-01-07	O-ring	7/16" UNF
5610-01-08	O-ring	1/2" UNF
5610-01-09	O-ring	9/16" UNF
5610-01-12	O-ring	3/4" UNF
5610-01-14	O-ring	7/8" UNF
5610-01-17	O-ring	1 1/16" UNF
5610-01-19	O-ring	1 3/16" UNF
5610-01-21	O-ring	1 5/16" UNF
5610-01-26	O-ring	1 5/8" UNF
5610-01-30	O-ring	1 7/8" UNF



5610-04
O-ring for DKSO
PRODUCT GROUP 510

Part number	Description	For
5610-04-14	O-ring	DKSO 14
5610-04-16	O-ring	DKSO 16
5610-04-20	O-ring	DKSO 20
5610-04-25	O-ring	DKSO 25
5610-04-30	O-ring	DKSO 30
5610-04-38	O-ring	DKSO 38



5610-07
O-ring
PRODUCT GROUP 510

Part number	Description	For
5610-07-04	O-ring	9/16" ORFS
5610-07-06	O-ring	11/16" ORFS
5610-07-08	O-ring	13/16" ORFS
5610-07-10	O-ring	1" ORFS
5610-07-12	O-ring	1 3/16" ORFS
5610-07-16	O-ring	1 7/16" ORFS
5610-07-20	O-ring	1 11/16" ORFS
5610-07-24	O-ring	2" ORFS



5610-05
O-ring for high pressure washer
PRODUCT GROUP 510

Part number	Description	For
5610-05-14	O-ring	4373-14-xx



Part number	Description	For thread
5601-01-02	Rubber steel washer NBR	G 1/8"
5601-01-04	Rubber steel washer NBR	G 1/4"
5601-01-06	Rubber steel washer NBR	G 3/8"
5601-01-08	Rubber steel washer NBR	G 1/2"
5601-01-10	Rubber steel washer NBR	G 5/8"
5601-01-12	Rubber steel washer NBR	G 3/4"
5601-01-16	Rubber steel washer NBR	G 1"
5601-01-20	Rubber steel washer NBR	G 1 1/4"
5601-01-24	Rubber steel washer NBR	G 1 1/2"
5601-01-32	Rubber steel washer NBR	G 2"
5601-01-40	Rubber steel washer NBR	G 2 1/2"
5601-01-48	Rubber steel washer NBR	G 3"
5601-02-05	Rubber steel washer NBR	M 5
5601-02-06	Rubber steel washer NBR	M 6
5601-02-08	Rubber steel washer NBR	M 8
5601-02-10	Rubber steel washer NBR	M 10
5601-02-12	Rubber steel washer NBR	M 12
5601-02-14	Rubber steel washer NBR	M 14
5601-02-16	Rubber steel washer NBR	M 16
5601-02-18	Rubber steel washer NBR	M 18
5601-02-20	Rubber steel washer NBR	M 20
5601-02-22	Rubber steel washer NBR	M 22
5601-02-27	Rubber steel washer NBR	M 27
5601-02-28	Rubber steel washer NBR	M 28
5601-02-36	Rubber steel washer NBR	M 36
5601-02-45	Rubber steel washer NBR	M 45
5601-01-02V	Rubber steel washer viton	G 1/8"
5601-01-04V	Rubber steel washer viton	G 1/4"
5601-01-06V	Rubber steel washer viton	G 3/8"
5601-01-08V	Rubber steel washer viton	G 1/2"
5601-01-10V	Rubber steel washer viton	G 5/8"
5601-01-12V	Rubber steel washer viton	G 3/4"
5601-01-16V	Rubber steel washer viton	G 1"
5601-01-20V	Rubber steel washer viton	G 1 1/4"
5601-01-24V	Rubber steel washer viton	G 1 1/2"
5601-01-32V	Rubber steel washer viton	G 2"
5601-01-40V	Rubber steel washer viton	G 2 1/2"
5601-02-05V	Rubber steel washer viton	M 5
5601-02-06V	Rubber steel washer viton	M 6
5601-02-08V	Rubber steel washer viton	M 8
5601-02-10V	Rubber steel washer viton	M 10
5601-02-12V	Rubber steel washer viton	M 12
5601-02-14V	Rubber steel washer viton	M 14
5601-02-16V	Rubber steel washer viton	M 16
5601-02-18V	Rubber steel washer viton	M 18
5601-02-20V	Rubber steel washer viton	M 20
5601-02-22V	Rubber steel washer viton	M 22
5601-02-27V	Rubber steel washer viton	M 27
5601-02-28V	Rubber steel washer viton	M 28
5601-02-36V	Rubber steel washer viton	M 36
5601-02-45V	Rubber steel washer viton	M 45

Part number	Description	ID	OD	Thickness
5620-05-09	Copper plate	5,0	9,0	1,0
5620-06-10	Copper plate	6,0	10,0	1,0
5620-06-12	Copper plate	6,0	12,0	1,0
5620-08-12	Copper plate	8,0	12,0	1,0
5620-08-14	Copper plate	8,0	14,0	1,0
5620-10-14	Copper plate	10,0	14,0	1,0
5620-10-15	Copper plate	10,0	15,0	1,0
5620-10-16	Copper plate	10,0	16,0	1,0
5620-11-17	Copper plate	11,0	17,0	1,0
5620-12-16	Copper plate	12,0	16,0	1,5
5620-12-18	Copper plate	12,0	18,0	1,5
5620-12-19	Copper plate	12,0	19,0	1,0
5620-12-20	Copper plate	12,0	20,0	2,0
5620-13-18	Copper plate	13,5	18,0	1,5
5620-13-19	Copper plate	13,0	19,0	1,5
5620-14-18	Copper plate	14,0	18,0	1,5
5620-14-20	Copper plate	14,0	20,0	1,5
5620-14-24	Copper plate	14,0	24,0	1,0
5620-16-22	Copper plate	16,0	22,0	1,5
5620-17-21	Copper plate	17,0	21,0	1,5
5620-17-22	Copper plate	17,0	22,0	1,5
5620-17-23	Copper plate	17,0	23,0	1,5
5620-18-22	Copper plate	18,0	22,0	1,5
5620-18-24	Copper plate	18,0	24,0	1,5
5620-20-26	Copper plate	20,0	26,0	1,5
5620-21-26	Copper plate	21,0	26,0	1,5
5620-21-27	Copper plate	21,0	27,0	1,5
5620-22-27	Copper plate	22,0	27,0	1,5
5620-22-29	Copper plate	22,0	29,0	1,5
5620-23-28	Copper plate	23,0	28,0	1,5
5620-24-29	Copper plate	24,0	29,0	2,0
5620-24-30	Copper plate	24,0	30,0	2,0
5620-26-32	Copper plate	26,0	32,0	2,0
5620-27-32	Copper plate	27,0	32,0	2,0
5620-33-39	Copper plate	33,0	39,0	2,0
5620-38-44	Copper plate	38,0	44,0	2,0
5620-60-68	Copper plate	60,0	68,0	2,5



FLANGES

5:10



5:10

HYDROSCAND SAE FLANGES

PRODUCT GROUP 510

The Hydroscand flange program includes everything from split flanges to threaded and welding ones.

Flanges are used in hydraulic systems that require high pressure and high pulsation.

The flanges are manufactured according to ISO 6162/ SAE J518 code 61 and 62. Code 61 signifies the pressure ratings mentioned below, also called 3000 psi. Code 62 signifies the pressure rate 41,4 MPa, also called 6000 psi.

Many of the flanges are also available in stainless steel design.

TECHNICAL INFORMATION ACCORDING TO SAE J518 CODE 61								
Flange	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
WP MPa	34,5	34,5	34,5	27,6	20,7	20,7	17,2	13,8
PSI	5000	5000	5000	4000	3000	3000	2500	2000
DIA	30,2	38,1	44,5	50,8	60,3	71,4	84,1	101,6

TECHNICAL INFORMATION ACCORDING TO SAE J518 CODE 62								
Flange	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"		
WP MPa	41,4	41,4	41,4	41,4	41,4	41,4		
PSI	6000	6000	6000	6000	6000	6000		
DIA	31,8	41,3	47,6	53,9	63,5	79,4		

TECHNICAL INFORMATION SUPERCAT						
Flange	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
WP MPa	41,4	41,4	41,4	41,4	41,4	41,4
DIA	31,8	41,3	47,6	53,9	63,5	79,4

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5544-06	Welding counter flange, male – SAE J518 code 61	215
5544-08	Welding counter flange, male – SAE J518 code 62	215
5545-00	Flange plug– SAE J518 code 61	215
5545-01	Flange plug – SAE J518 code 61	215
5545-02	Flange plug– SAE J518 code 62	215
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5545-06	Middle flange with socket – SAE J518 code 62	216
5546-00	Welding flange, female 90° – SAE J518 code 61	216
5546-02	Welding flange, female 90° – SAE J518 code 62	216
5547-00	Welding flange, male 90° – SAE J518 code 61	216
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5548-02	Threaded flange 90° – SAE J518 code 62	216
5610	O-ring - SAE J518 code 61/62	217
5610-12	Flange seal - SAE J518 code 61/62	217
5549-91	Socket head cap screw M C 6S 12,9 M-threaded	217
5549-92	Socket head cap screw U C 6S 12,9 UNC-threaded	217





5540-00
Split flange
SAE J518 code 61

PRODUCT GROUP 510

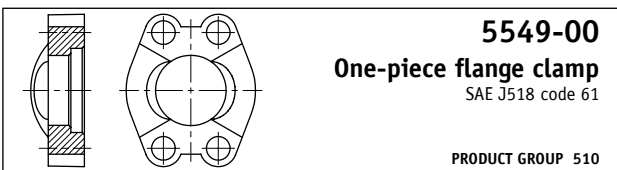
Part no.	Description	Dimension
5540-00-08	Split flange SAE3	1/2"
5540-00-12	Split flange SAE3	3/4"
5540-00-16	Split flange SAE3	1"
5540-00-20	Split flange SAE3	1 1/4"
5540-00-24	Split flange SAE3	1 1/2"
5540-00-32	Split flange SAE3	2"
5540-00-40	Split flange SAE3	2 1/2"
5540-00-48	Split flange SAE3	3"
5540-00-56	Split flange SAE3	3 1/2"
5540-00-64	Split flange SAE3	4"



5540-02
Split flange
SAE J518 code 62

PRODUCT GROUP 510

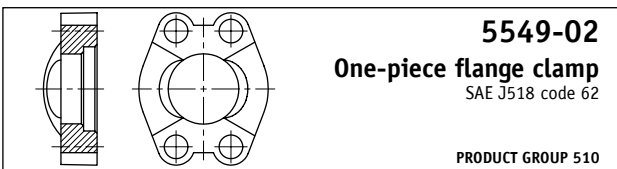
Part no.	Description	Dimension
5540-02-08	Split flange SAE6	1/2"
5540-02-12	Split flange SAE6	3/4"
5540-02-16	Split flange SAE6	1"
5540-02-20	Split flange SAE6	1 1/4"
5540-02-24	Split flange SAE6	1 1/2"
5540-02-32	Split flange SAE6	2"



5549-00
One-piece flange clamp
SAE J518 code 61

PRODUCT GROUP 510

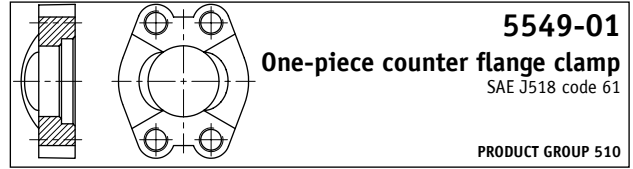
Part no.	Description	Dimension
5549-00-08	AFS/I -301 SAE3	1/2"
5549-00-12	AFS/I -302 SAE3	3/4"
5549-00-16	AFS/I -303 SAE3	1"
5549-00-20	AFS/I -304 SAE3	1 1/4"
5549-00-24	AFS/I -305 SAE3	1 1/2"
5549-00-32	AFS/I -306 SAE3	2"
5549-00-40	AFS/I -307 SAE3	2 1/2"
5549-00-48	AFS/I -308 SAE3	3"



5549-02
One-piece flange clamp
SAE J518 code 62

PRODUCT GROUP 510

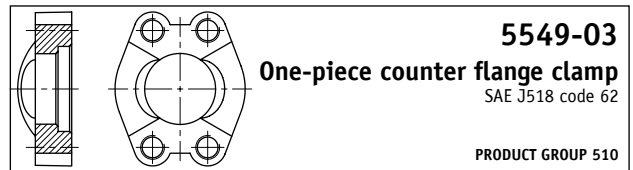
Part no.	Description	Dimension
5549-02-08	AFS/I -601 SAE6	1/2"
5549-02-12	AFS/I -602 SAE6	3/4"
5549-02-16	AFS/I -603 SAE6	1"
5549-02-20	AFS/I -604 SAE6	1 1/4"
5549-02-24	AFS/I -605 SAE6	1 1/2"
5549-02-32	AFS/I -606 SAE6	2"
5549-02-40	AFS/I -607 SAE6	2 1/2"



5549-01
One-piece counter flange clamp
SAE J518 code 61

PRODUCT GROUP 510

Part no.	Description	Dimension
5549-01-08	GFS/I -301 SAE3	1/2"
5549-01-12	GFS/I -302 SAE3	3/4"
5549-01-16	GFS/I -303 SAE3	1"
5549-01-20	GFS/I -304 SAE3	1 1/4"
5549-01-24	GFS/I -305 SAE3	1 1/2"
5549-01-32	GFS/I -306 SAE3	2"
5549-01-40	GFS/I -307 SAE3	2 1/2"
5549-01-48	GFS/I -308 SAE3	3"



5549-03
One-piece counter flange clamp
SAE J518 code 62

PRODUCT GROUP 510

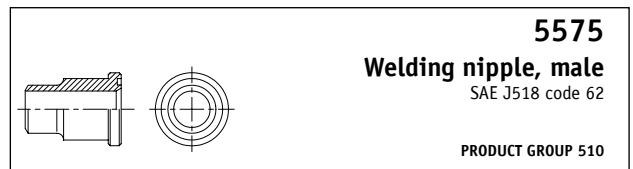
Part no.	Description	Dimension
5549-03-08	GFS/I -601 SAE6	1/2"
5549-03-12	GFS/I -602 SAE6	3/4"
5549-03-16	GFS/I -603 SAE6	1"
5549-03-20	GFS/I -604 SAE6	1 1/4"
5549-03-24	GFS/I -605 SAE6	1 1/2"
5549-03-32	GFS/I -606 SAE6	2"



5574
Welding nipple, male
SAE J518 code 61

PRODUCT GROUP 510

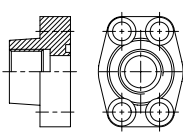
Part no.	Description	Dim.	Tube size
5574-00-08	SFS 301/ST SAE3	1/2"	16x2 mm
5574-00-12	SFS 302/ST SAE3	3/4"	25x3 mm
5574-00-16	SFS 303/ST SAE3	1"	30x4 mm
5574-00-20	SFS 304/ST SAE3	1 1/4"	38x5 mm
5574-00-24	SFS 305/ST SAE3	1 1/2"	45x5 mm
5574-00-32	SFS 306/ST SAE3	2"	60x5 mm
5574-00-40	SFS 307/ST SAE3	2 1/2"	70x7,5 mm
5574-00-48	SFS 308/ST SAE3	3"	80x6 mm
5574-00-56	SFS 309/ST SAE3	3 1/2"	100x5,5 mm
5574-00-64	SFS 310/ST SAE3	4"	114,4x6,5 mm



5575
Welding nipple, male
SAE J518 code 62

PRODUCT GROUP 510

Part no.	Description	Dim.	Tube size
5575-00-08	SFS 601/ST SAE6	1/2"	16x2 mm
5575-00-12	SFS 602/ST SAE6	3/4"	25x3,5 mm
5575-00-16	SFS 603/ST SAE6	1"	30x4 mm
5575-00-20	SFS 604/ST SAE6	1 1/4"	38x5,5 mm
5575-00-24	SFS 605/ST SAE6	1 1/2"	45x6,5 mm
5575-00-32	SFS 606/ST SAE6	2"	60x7,5 mm



5541-00
Threaded flange
 SAE J518 code 61

PRODUCT GROUP 510

Part no.	Description	Dimension	Thread
5541-00-08	AFS-080/G SAE3	1/2"	G 1/2"
5541-00-12	AFS-100/G SAE3	3/4"	G 3/4"
5541-00-16	AFS-102/G SAE3	1"	G 1"
5541-00-16-90	AFS-102/G SAE3	1"	G 3/4"
5541-00-20	AFS-104/G SAE3	1 1/4"	G 1 1/4"
5541-00-24	AFS-106/G SAE3	1 1/2"	G 1 1/2"
5541-00-24-90	AFS-106/G SAE3	1 1/2"	G 1 1/4"
5541-00-32	AFS-108/G SAE3	2"	G 2"
5541-00-32-90	AFS-108/G SAE3	2"	G 1 1/2"
5541-00-40	AFS-110/G SAE3	2 1/2"	G 2 1/2"
5541-00-40-90	AFS-110/G SAE3	2 1/2"	G 1 1/4"
5541-00-40-91	AFS-110/G SAE3	2 1/2"	G 1 1/2"
5541-00-48	AFS-112/G SAE3	3"	G 3"
5541-00-56	AFS-114/G SAE3	3 1/2"	G 3 1/2"
5541-00-64	AFS-116/G SAE3	4"	G 4"



5543-00
Welding counter flange, female
 SAE J518 code 61

PRODUCT GROUP 510

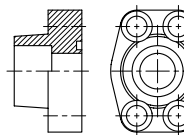
Part no.	Description	Dimension	Ø OD	Ø ID
5543-00-08	AFS-080/S SAE3	1/2"	21,6 mm	13 mm
5543-00-12	AFS-100/S SAE3	3/4"	27,2 mm	19 mm
5543-00-16	AFS-102/S SAE3	1"	34,0 mm	25 mm
5543-00-20	AFS-104/S SAE3	1 1/4"	42,8 mm	32 mm
5543-00-24	AFS-106/S SAE3	1 1/2"	48,6 mm	38 mm
5543-00-32	AFS-108/S SAE3	2"	61,0 mm	51 mm
5543-00-40	AFS-110/S SAE3	2 1/2"	76,6 mm	63 mm
5543-00-48	AFS-112/S SAE3	3"	90,5 mm	73 mm
5543-00-56	AFS-114/S SAE3	3 1/2"	103,0 mm	89 mm
5543-00-64	AFS-116/S SAE3	4"	115,5 mm	99 mm



5541-02
Threaded flange
 SAE J518 code 62

PRODUCT GROUP 510

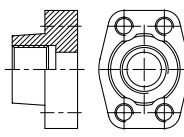
Part no.	Description	Dimension	Thread
5541-02-06	AFS-401/G SAE6	3/8"	G 3/8"
5541-02-08	AFS-401/G SAE6	1/2"	G 1/2"
5541-02-12	AFS-402/G SAE6	3/4"	G 3/4"
5541-02-16	AFS-403/G SAE6	1"	G 1"
5541-02-20	AFS-404/G SAE6	1 1/4"	G 1 1/4"
5541-02-24	AFS-405/G SAE6	1 1/2"	G 1 1/2"
5541-02-32	AFS-406/G SAE6	2"	G 2"



5543-02
Welding flange, female
 SAE J518 code 62

PRODUCT GROUP 510

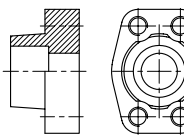
Part no.	Description	Dimension	Ø OD	Ø ID
5543-02-06	AFS-401/S SAE6	3/8"	17,5 mm	10 mm
5543-02-08	AFS-401/S SAE6	1/2"	21,6 mm	13 mm
5543-02-12	AFS-402/S SAE6	3/4"	27,2 mm	19 mm
5543-02-16	AFS-403/S SAE6	1"	34,0 mm	25 mm
5543-02-20	AFS-404/S SAE6	1 1/4"	42,8 mm	32 mm
5543-02-24	AFS-405/S SAE6	1 1/2"	48,6 mm	38 mm
5543-02-32	AFS-406/S SAE6	2"	61,0 mm	51 mm
5543-02-40	AFS-407/S SAE6	2 1/2"	76,6 mm	63 mm



5541-06
Counter flange, threaded
 SAE J518 code 61

PRODUCT GROUP 510

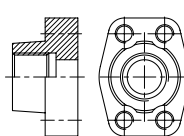
Part no.	Description	Dimension	Thread
5541-06-08	GFS -080/GM 8 SAE3	1/2"	G 1/2"
5541-06-12	GFS -100/GM 10 SAE3	3/4"	G 3/4"
5541-06-16	GFS -102/GM 10 SAE3	1"	G 1"
5541-06-20	GFS -104/GM 10 SAE3	1 1/4"	G 1 1/4"
5541-06-24	GFS -106/GM 12 SAE3	1 1/2"	G 1 1/2"
5541-06-32	GFS -108/GM 12 SAE3	2"	G 2"
5541-06-40	GFS -110/GM 12 SAE3	2 1/2"	G 2 1/2"
5541-06-48	GFS -112/GM 16 SAE3	3"	G 3"



5543-06
Welding counter flange, female
 SAE J518 code 61

PRODUCT GROUP 510

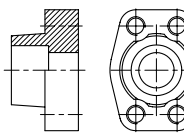
Part no.	Description	Dimension	Ø OD	Ø ID
5543-06-08	GFS-080/S SAE3	1/2"	21,6 mm	13 mm
5543-06-12	GFS-100/S SAE3	3/4"	27,2 mm	19 mm
5543-06-16	GFS-102/S SAE3	1"	34,0 mm	25 mm
5543-06-20	GFS-104/S SAE3	1 1/4"	42,8 mm	32 mm
5543-06-24	GFS-106/S SAE3	1 1/2"	48,6 mm	38 mm
5543-06-32	GFS-108/S SAE3	2"	61,0 mm	51 mm
5543-06-40	GFS-110/S SAE3	2 1/2"	76,6 mm	63 mm
5543-06-48	GFS-112/S SAE3	3"	90,5 mm	73 mm



5541-07
Counter flange, threaded
 SAE J518 code 62

PRODUCT GROUP 510

Part no.	Description	Dimension	Thread
5541-07-08	GFS-401/GM 10 SAE6	1/2"	G 1/2"
5541-07-12	GFS-402/GM 10 SAE6	3/4"	G 3/4"
5541-07-16	GFS-403/GM 12 SAE6	1"	G 1"
5541-07-20	GFS-404/GM 14 SAE6	1 1/4"	G 1 1/4"
5541-07-24	GFS-405/GM 16 SAE6	1 1/2"	G 1 1/2"
5541-07-24-90	GFS-405/GM 16 SAE6	1 1/2"	G 1 1/4"
5541-07-32	GFS-406/GM 20 SAE6	2"	G 2"

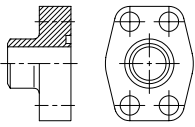


5543-07
Welding counter flange, female
 SAE J518 code 62

PRODUCT GROUP 510

Part no.	Description	Dimension	Ø OD	Ø ID
5543-07-08	GFS-401/S SAE6	1/2"	21,6 mm	13 mm
5543-07-12	GFS-402/S SAE6	3/4"	27,2 mm	19 mm
5543-07-16	GFS-403/S SAE6	1"	34,0 mm	25 mm
5543-07-20	GFS-404/S SAE6	1 1/4"	42,8 mm	32 mm
5543-07-24	GFS-405/S SAE6	1 1/2"	48,6 mm	38 mm
5543-07-32	GFS-406/S SAE6	2"	61,0 mm	51 mm
5543-07-40	GFS-507/S SAE6	2 1/2"	76,6 mm	63 mm





5544-00
Welding flange, male
 SAE J518 code 61

PRODUCT GROUP 510

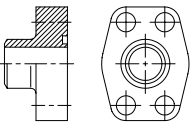
Part no.	Description	Dim.	Ø OD	Ø ID
5544-00-08	AFS-080/ST SAE3	1/2"	21,5 mm	13,0 mm
5544-00-12	AFS-100/ST SAE3	3/4"	28,0 mm	19,0 mm
5544-00-16	AFS-102/ST SAE3	1"	34,0 mm	25,0 mm
5544-00-20	AFS-104/ST SAE3	1 1/4"	42,8 mm	32,0 mm
5544-00-24	AFS-106/ST SAE3	1 1/2"	48,6 mm	38,0 mm
5544-00-32	AFS-108/ST SAE3	2"	61,0 mm	51,0 mm
5544-00-40	AFS-110/ST SAE3	2 1/2"	77,0 mm	63,0 mm
5544-00-48	AFS-112/ST SAE3	3"	92,0 mm	73,0 mm
5544-00-64	AFS-116/ST SAE3	4"	115,5 mm	99,0 mm



5545-00
Flange plug
 SAE J518 code 61

PRODUCT GROUP 510

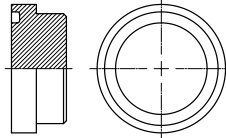
Part no.	Description	Dimension
5545-00-08	AFC-080 SAE3 CAP	1/2"
5545-00-12	AFC-100 SAE3 CAP	3/4"
5545-00-16	AFC-102 SAE3 CAP	1"
5545-00-20	AFC-104 SAE3 CAP	1 1/4"
5545-00-24	AFC-106 SAE3 CAP	1 1/2"
5545-00-32	AFC-108 SAE3 CAP	2"
5545-00-40	AFC-110 SAE3 CAP	2 1/2"
5545-00-48	AFC-112 SAE3 CAP	3"
5545-00-64	AFC-116 SAE3 CAP	4"



5544-02
Welding flange, male
 SAE J518 code 62

PRODUCT GROUP 510

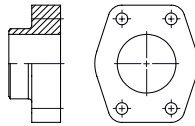
Part no.	Description	Dim.	Ø OD	Ø ID
5544-02-08	AFS-401/ST SAE6	1/2"	21,5 mm	13,0 mm
5544-02-12	AFS-402/ST SAE6	3/4"	28,0 mm	19,0 mm
5544-02-16	AFS-403/ST SAE6	1"	34,0 mm	25,0 mm
5544-02-20	AFS-404/ST SAE6	1 1/4"	42,8 mm	32,0 mm
5544-02-24	AFS-405/ST SAE6	1 1/2"	48,6 mm	38,0 mm
5544-02-32	AFS-406/ST SAE6	2"	61,0 mm	51,0 mm



5545-01
Flange plug
 SAE J518 code 61

PRODUCT GROUP 510

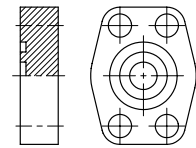
Part no.	Description	Dimension
5545-01-12	CAP SAE3	3/4"
5545-01-16	CAP SAE3	1"
5545-01-20	CAP SAE3	1 1/4"
5545-01-24	CAP SAE3	1 1/2"
5545-01-32	CAP SAE3	2"



5544-06
Welding counter flange, male
 SAE J518 code 61

PRODUCT GROUP 510

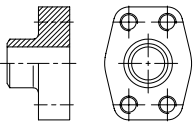
Part no.	Description	Dim.	Ø OD	Ø ID
5544-06-08	GFS-080/ST SAE3	1/2"	21,5 mm	13,0 mm
5544-06-12	GFS-100/ST SAE3	3/4"	28,0 mm	19,0 mm
5544-06-16	GFS-102/ST SAE3	1"	34,0 mm	25,0 mm
5544-06-20	GFS-104/ST SAE3	1 1/4"	42,8 mm	32,0 mm
5544-06-24	GFS-106/ST SAE3	1 1/2"	48,6 mm	38,0 mm
5544-06-32	GFS-108/ST SAE3	2"	61,0 mm	51,0 mm
5544-06-40	GFS-110/ST SAE3	2 1/2"	77,0 mm	63,0 mm
5544-06-48	GFS-112/ST SAE3	3"	92,0 mm	73,0 mm
5544-06-64	GFS-116/ST SAE3	4"	115,5 mm	99,0 mm



5545-02
Flange plug
 SAE J518 code 62

PRODUCT GROUP 510

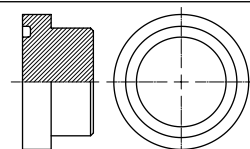
Part no.	Description	Dimension
5545-02-08	CAP SAE6	1/2"
5545-02-12	CAP SAE6	3/4"
5545-02-16	CAP SAE6	1"
5545-02-20	CAP SAE6	1 1/4"
5545-02-24	CAP SAE6	1 1/2"
5545-02-32	CAP SAE6	2"



5544-08
Welding counter flange, male
 SAE J518 code 62

PRODUCT GROUP 510

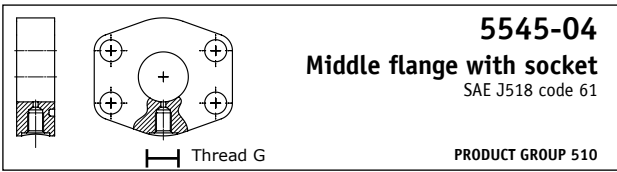
Part no.	Description	Dim.	Ø OD	Ø ID
5544-08-08	GFS-401/ST SAE6	1/2"	21,5 mm	13,0 mm
5544-08-12	GFS-402/ST SAE6	3/4"	28,0 mm	19,0 mm
5544-08-16	GFS-403/ST SAE6	1"	34,0 mm	25,0 mm
5544-08-20	GFS-404/ST SAE6	1 1/4"	42,8 mm	32,0 mm
5544-08-24	GFS-405/ST SAE6	1 1/2"	48,6 mm	38,0 mm
5544-08-32	GFS-406/ST SAE6	2"	61,0 mm	51,0 mm



5545-03
Flange plug
 SAE J518 code 62

PRODUCT GROUP 510

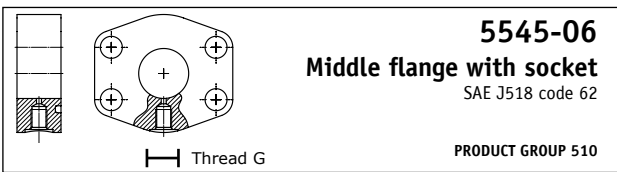
Part no.	Description	Dimension
5545-03-12	CAP SAE6	3/4"
5545-03-16	CAP SAE6	1"
5545-03-20	CAP SAE6	1 1/4"
5545-03-24	CAP SAE6	1 1/2"
5545-03-32	CAP SAE6	2"



5545-04
Middle flange with socket
SAE J518 code 61

PRODUCT GROUP 510

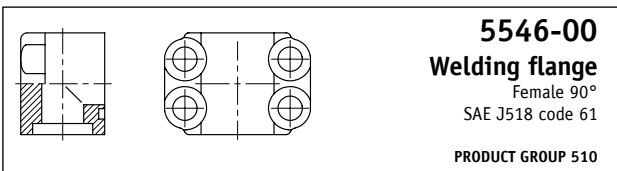
Part no.	Description	Thread	Dimension
5545-04-12	D100 SAE3	G 1/8"	3/4"
5545-04-16	D102 SAE3	G 1/8"	1"
5545-04-20	D104 SAE3	G 1/8"	1 1/4"
5545-04-20-90	D104 SAE3	G 1/4"	1 1/4"
5545-04-24	D106 SAE3	G 1/8"	1 1/2"
5545-04-24-90	D106 SAE3	G 1/4"	1 1/2"
5545-04-32	D108 SAE3	G 1/8"	2"
5545-04-32-90	D108 SAE3	G 1/4"	2"
5545-04-40	D110 SAE3	G 1/8"	2 1/2"



5545-06
Middle flange with socket
SAE J518 code 62

PRODUCT GROUP 510

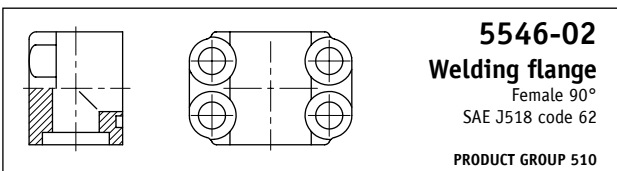
Part no.	Description	Thread	Dimension
5545-06-12	D402 SAE6	G 1/8"	3/4"
5545-06-12-90	D402 SAE6	G 1/4"	3/4"
5545-06-16	D403 SAE6	G 1/8"	1"
5545-06-16-90	D403 SAE6	G 1/4"	1"
5545-06-20	D404 SAE6	G 1/8"	1 1/4"
5545-06-20-90	D404 SAE6	G 1/4"	1 1/4"
5545-06-24	D405 SAE6	G 1/8"	1 1/2"
5545-06-24-90	D405 SAE6	G 1/4"	1 1/2"
5545-06-32	D406 SAE6	G 1/8"	2"



5546-00
Welding flange
Female 90°
SAE J518 code 61

PRODUCT GROUP 510

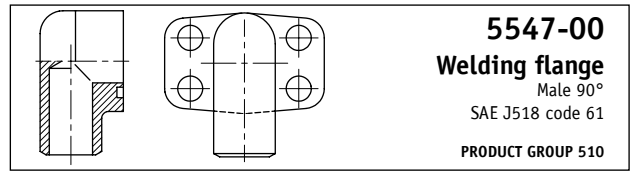
Part no.	Description	Dim.	Ø OD	Ø ID
5546-00-12	AFS-200/90S SAE3	3/4"	27,2 mm	19,0 mm
5546-00-16	AFS-202/90S SAE3	1"	34,0 mm	25,0 mm
5546-00-20	AFS-204/90S SAE3	1 1/4"	42,8 mm	32,0 mm
5546-00-24	AFS-206/90S SAE3	1 1/2"	48,6 mm	38,0 mm
5546-00-32	AFS-208/90S SAE3	2"	61,0 mm	51,0 mm



5546-02
Welding flange
Female 90°
SAE J518 code 62

PRODUCT GROUP 510

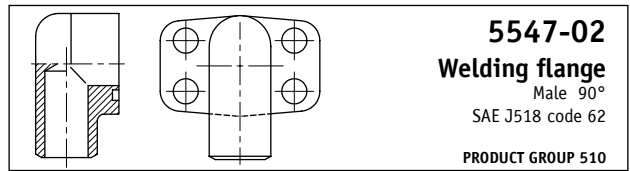
Part no.	Description	Dim.	Ø OD	Ø ID
5546-02-12	AFS-700/90S SAE6	3/4"	27,2 mm	19,0 mm
5546-02-16	AFS-702/90S SAE6	1"	34,0 mm	25,0 mm
5546-02-20	AFS-704/90S SAE6	1 1/4"	42,8 mm	32,0 mm
5546-02-24	AFS-706/90S SAE6	1 1/2"	48,6 mm	38,0 mm
5546-02-32	AFS-708/90S SAE6	2"	61,0 mm	51,0 mm



5547-00
Welding flange
Male 90°
SAE J518 code 61

PRODUCT GROUP 510

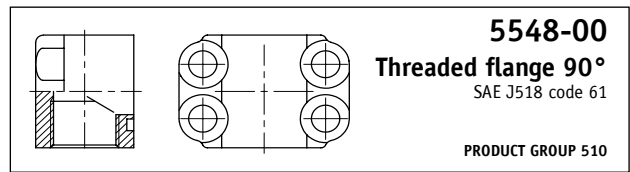
Part no.	Description	Dim.	Ø OD	Ø ID
5547-00-12	AFS-200/90ST SAE3	3/4"	27,2 mm	19,0 mm
5547-00-16	AFS-202/90ST SAE3	1"	34,5 mm	23,0 mm
5547-00-20	AFS-204/90ST SAE3	1 1/4"	43,0 mm	31,0 mm
5547-00-24	AFS-206/90ST SAE3	1 1/2"	50,0 mm	35,0 mm
5547-00-32	AFS-208/90ST SAE3	2"	65,0 mm	48,0 mm



5547-02
Welding flange
Male 90°
SAE J518 code 62

PRODUCT GROUP 510

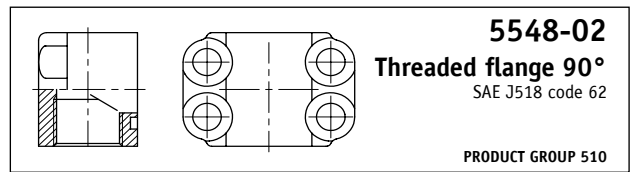
Part no.	Description	Dim.	Ø OD	Ø ID
5547-02-12	AFS-700/90ST SAE6	3/4"	28,0 mm	19,0 mm
5547-02-16	AFS-702/90ST SAE6	1"	34,0 mm	25,0 mm
5547-02-20	AFS-704/90ST SAE6	1 1/4"	42,0 mm	32,0 mm
5547-02-24	AFS-706/90ST SAE6	1 1/2"	48,0 mm	38,0 mm



5548-00
Threaded flange 90°
SAE J518 code 61

PRODUCT GROUP 510

Part no.	Description	Thread
5548-00-12	AFS-200/90G SAE3	G 3/4"
5548-00-16	AFS-202/90G SAE3	G 1"
5548-00-20	AFS-204/90G SAE3	G 1 1/4"
5548-00-24	AFS-206/90G SAE3	G 1 1/2"
5548-00-32	AFS-208/90G SAE3	G 2"
5544-00-40	AFS-210/90G SAE3	G 2 1/2"



5548-02
Threaded flange 90°
SAE J518 code 62

PRODUCT GROUP 510

Part no.	Description	Thread
5548-02-12	AFS-700/90G SAE6	G 3/4"
5548-02-16	AFS-702/90G SAE6	G 1"
5548-02-20	AFS-704/90G SAE6	G 1 1/4"
5548-02-24	AFS-706/90G SAE6	G 1 1/2"
5548-02-32	AFS-708/90G SAE6	G 2"



**5610****O-ring**

SAE J518 code 61/62

PRODUCT GROUP 510

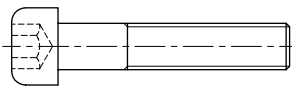
Part no.	Description	Dimension
5K00170250726	Special for 5547-00-12	3/4"
5K00170281735	Special for 5547-00-16	1"
5610-02-08	O-ring for SAE flange	1/2"
5610-02-10	O-ring for SAE flange	5/8"
5610-02-12	O-ring for SAE flange	3/4"
5610-02-16	O-ring for SAE flange	1"
5610-02-20	O-ring for SAE flange	1 1/4"
5610-02-24	O-ring for SAE flange	1 1/2"
5610-02-32	O-ring for SAE flange	2"
5610-02-40	O-ring for SAE flange	2 1/2"
5610-02-48	O-ring for SAE flange	3"
5610-02-56	O-ring for SAE flange	3 1/2"
5610-02-64	O-ring for SAE flange	4"

**5610-12****Flange seal**

SAE J518 code 61/62

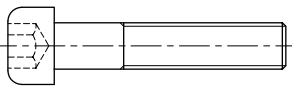
PRODUCT GROUP 510

Part no.	Description	Dimension
5610-12-08	Flange seal	1/2"
5610-12-12	Flange seal	3/4"
5610-12-16	Flange seal	1"
5610-12-20	Flange seal	1 1/4"
5610-12-24	Flange seal	1 1/2"
5610-12-32	Flange seal	2"

**5549-91****Socket head cap screw****M C 6S 12,9 M-thread**

PRODUCT GROUP 510

Part no.	Thread	Length	SAE 3	SAE 6
5549-91-08	M8	35 mm	1/2"	1/2"
5549-91-10	M10	35 mm	3/4"-1"	3/4"
5549-91-11	M10	40 mm	1 1/4"	
5549-91-12	M10	45 mm		
5549-91-13	M12	45 mm	1 1/2"-2 1/2"	1"
5549-91-14	M14	50 mm		1 1/4"
5549-91-16	M16	50 mm	3"-4"	1 1/2"

**5549-92****Socket head cap screw****U C6S 12,9 UNC-thread**

PRODUCT GROUP 510

Part no.	Thread	Length	SAE 3	SAE 6
5549-92-06	3/8"-16 UNC	38 mm	3/4"-1"	3/4"
5549-92-07	7/16"-14 UNC	45 mm	1 1/4"	1"
5549-92-08	1/2"-13 UNC	45 mm	1 1/2"-2 1/2"	1 1/4"
5549-92-10	5/8"-11 UNC	51 mm	3"-4"	1 1/2"

HEAVY DUTY SWIVELS



SIMPLE DESIGN FOR A LONG LIFE LENGTH

HIGH RESISTANCE AGAINST HYDRAULIC SHOCKS AND SIDE LOADS

SELF LUBRICATING BEARINGS

TRIPLE SEALS

OPERATIONAL PRESSURE UP TO 420BAR

LONG CONTACT SURFACES

EASY TO CHANGE SEALS



www.hydroscand.com

**QUICK RELEASE FITTINGS
AND SWIVELS**

5:20



5:20

HYDROSCAND QUICK RELEASE FITTINGS AND SWIVELS

PRODUCT GROUP 505, 520, 523, 524, 526

Hydroscand offers many types of quick release fittings for hydraulic and compressed air from the top providers in the market, for example FASTER, SNAP-TITE, TEMA, CEJN, HANSEN, GROMELLE and BRUNING. We can offer fittings with or without valves, drip-free fittings, screw fittings, with pressure eliminator and fittings for very high pressure up to 2000 bar. We also stock a complete range of quick release fittings according to ISO-standards.

Working pressure/PN

All working pressures (WP) are indicated next to the fittings. The Working pressure is for connected quick release fittings with safety factor of 1:4 or the safety factor that is specified by the manufacturer.

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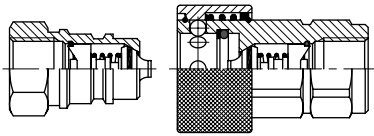
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Quick release fitting with dimensions and performance equivalent to ISO 7241-1 A series. Used in agriculture and in industries. Interchangeable with other fittings manufactured according to ISO7241-1 A series.

5550-02/03

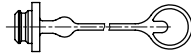
HS QRA
ISO 7241-1A

PRODUCT GROUP 520

Dim.	Male	Female	PN MPa	Thread	Length
1/4"	5550-02-04	5550-03-04	35.0	G 1/4" F	71.0 mm
3/8"	5550-02-06	5550-03-06	31.5	G 3/8" F	79.5 mm
1/2"	5550-02-08	5550-03-08	25.0	G 1/2" F	92.0 mm
3/4"	5550-02-12	5550-03-12	25.0	G 3/4" F	108.0 mm
1"	5550-02-16	5550-03-16	23.0	G 1" F	124.0 mm



Dust cover for male



Dust cover for female

5550
Dust cover
Yellow
ISO 7241-1A
PRODUCT GROUP 520



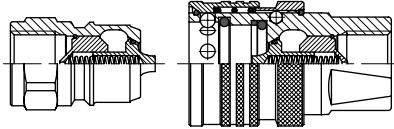
5550
Spare part kit
ISO 7241-1A

PRODUCT GROUP 520

Dim.	Male	Female	Material
1/4"	5551-04-04	5550-05-04	PVC
3/8"	5550-04-06	5550-05-06	PVC
1/2"	5550-04-08	5550-05-08	PVC
3/4"	5551-04-12	5550-05-12	PVC
1"	5551-04-16	5550-05-16	PVC

Dim.	Part number spare part kit
1/4"	5550-08-04
3/8"	5550-08-06
1/2"	5550-08-08
3/4"	5550-08-12
1"	5550-08-16



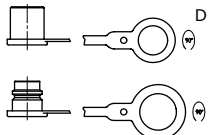


Interchangeable with Cejn 525, TEMA T-series quick release fitting standard model, without valve and with pressure eliminator/AISI 316.

**5552
HS QRT**

PRODUCT GROUP 526

Dim.	Male	Female	PN MPa	Thread	Length
T-SERIES					
1/8"	5552-02-02	5552-03-02	20,0	G 1/8" F	59,0 mm
1/4"	5552-02-04	5552-03-04	45,0	G 1/4" F	81,0 mm
3/8"	5552-02-06	5552-03-06	35,0	G 3/8" F	74,0 mm
1/2"	5552-02-08	5552-03-08	30,0	G 1/2" F	82,0 mm
3/4"	5552-02-12	5552-03-12	28,0	G 3/4" F	91,0 mm
1"	5552-02-16	5552-03-16	25,0	G 1" F	108,0 mm
T-SERIES WITHOUT VALVE					
1/4"	5552-09-04	5552-10-04	45,0	G 1/4" F	81,0 mm
3/8"	5552-09-06	5552-10-06	35,0	G 3/8" F	74,0 mm
1/2"	5552-09-08	5552-10-08	30,0	G 1/2" F	82,0 mm
3/4"	5552-09-12	5552-10-12	28,0	G 3/4" F	91,0 mm
1"	5552-09-16	5552-10-16	25,0	G 1" F	108,0 mm
T-SERIES WITH ELIMINATOR					
3/8"	5552-22-06	5552-23-06	35,0	G 3/8" F	74,0 mm
1/2"	5552-22-08	5552-23-08	30,0	G 1/2" F	82,0 mm
3/4"	5552-22-12	5552-23-12	28,0	G 3/4" F	91,0 mm
1"	5552-22-16	5552-23-16	25,0	G 1" F	108,0 mm
T-SERIES AISI 316					
1/4"	5552-02-04S	5552-03-04S	45,0	G 1/4" F	81,0 mm
3/8"	5552-02-06S	5552-03-06S	35,0	G 3/8" F	74,0 mm
1/2"	5552-02-08S	5552-03-08S	30,0	G 1/2" F	82,0 mm
3/4"	5552-02-12S	5552-03-12S	28,0	G 3/4" F	91,0 mm
1"	5552-02-16S	5552-03-16S	25,0	G 1" F	108,0 mm



Dust cover for male

5552
Dust cover
HS T-series

Dust cover for female

PRODUCT GROUP 526



5552
Spare part kit
HS T-series
Nitrile

PRODUCT GROUP 526


Dim.	Male	Female
1/8"	5552-04-02	5552-05-02
1/4"	5552-04-04	5552-05-04
3/8"	5552-04-06	5552-05-06
1/2"	5552-04-08	5552-05-08
3/4"	5552-04-12	5552-05-12
1"	5552-04-16	5552-05-16

Dim.	Part number spare part kit
1/8"	5552-07-02
1/4"	5552-07-04
3/8"	5552-07-06
1/2"	5552-07-08
3/4"	5552-07-12
1"	5552-07-16



5Txx
Grease nipple
T-series

PRODUCT GROUP 523

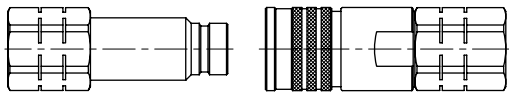


5552
Spare part kit
HS T-series
Viton

PRODUCT GROUP 526

Dim.	Part number	Tema description	Type
3/8"	5TGR 3	T GR 3	Grease nipple
1/2"	5TGR 5	T GR 5	Grease nipple
3/4"	5TGR 7	T GR 7	Grease nipple
1"	5TGR 10	T GR 10	Grease nipple

Dim.	Part number spare part kit
1/8"	5552-07-02V
1/4"	5552-07-04V
3/8"	5552-07-06V
1/2"	5552-07-08V
3/4"	5552-07-12V
1"	5552-07-16V
1 1/2"	5552-07-24V
2"	5552-07-32V



Drip-free quick release fitting. Interchangeable with DNP, Faster, Holmbury, CejnX65 and TEMA F.

5552

HS QRF

ISO 16028

PRODUCT GROUP 526

Dim.	Male	Female	PN MPa	Thread
------	------	--------	--------	--------

F SERIES

1/4"	5552-42-04	5552-43-04	31,5	G 1/4" F
3/8"	5552-42-06	5552-43-06	25,0	G 3/8" F
3/8"	5552-42-07	5552-43-07	25,0	G 1/2" F
1/2"	5552-42-08	5552-43-08	25,0	G 1/2" F
1/2"	5552-42-09	5552-43-09	25,0	G 3/4" F
5/8"	5552-42-10	5552-43-10	25,0	G 3/4" F
3/4"	5552-42-12	5552-43-12	25,0	G 3/4" F
3/4"	5552-42-13	5552-43-13	25,0	G 1" F
1"	-	5552-43-16	25,0	G 1" F
1"	-	5552-43-17	25,0	G 1 1/4" F

F SERIES WITH VITON SEAL

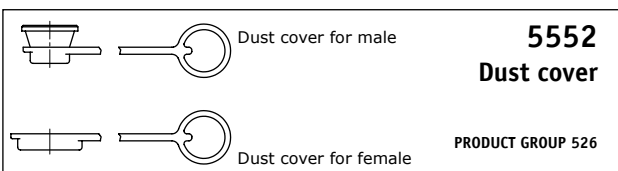
1/4"	5552-42-04V	5552-43-04V	31,5	G 1/4" F
3/8"	5552-42-06V	5552-43-06V	25,0	G 3/8" F
3/8"	5552-42-07V	5552-43-07V	25,0	G 1/2" F
1/2"	5552-42-08V	5552-43-08V	25,0	G 1/2" F
1/2"	5552-42-09V	5552-43-09V	25,0	G 3/4" F
5/8"	5552-42-10V	5552-43-10V	25,0	G 3/4" F
3/4"	5552-42-12V	5552-43-12V	25,0	G 3/4" F
3/4"	5552-42-13V	5552-43-13V	25,0	G 1" F
1"	5552-42-16V	5552-43-16V	25,0	G 1" F

F SERIES AISI 316

1/4"	5552-42-04S	5552-43-04S	31,5	G 1/4" F
3/8"	5552-42-06S	5552-43-06S	25,0	G 3/8" F
3/8"	5552-42-07S	5552-43-07S	25,0	G 1/2" F
1/2"	5552-42-08S	5552-43-08S	25,0	G 1/2" F
1/2"	5552-42-09S	5552-43-09S	25,0	G 3/4" F
5/8"	5552-42-10S	5552-43-10S	25,0	G 3/4" F
3/4"	5552-42-12S	5552-43-12S	25,0	G 3/4" F
3/4"	5552-42-13S	5552-43-13S	25,0	G 1" F

F SERIES WITH ELIMINATOR

1/4"	5552-46-04		50,0	G 1/4" F
3/8"	5552-46-06		40,0	G 3/8" F
3/8"	5552-46-07		40,0	G 1/2" F
1/2"	5552-46-08		40,0	G 1/2" F
1/2"	5552-46-09		40,0	G 3/4" F
5/8"	5552-46-10		35,0	G 3/4" F
3/4"	5552-46-12		35,0	G 3/4" F
3/4"	5552-46-13		35,0	G 1 1/4" F
1"	5552-46-16		35,0	G 1" F
1"	5552-46-17		35,0	G 1 1/4" F



PRODUCT GROUP 526



PRODUCT GROUP 526

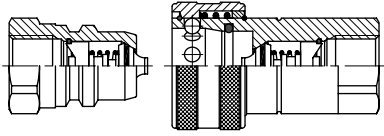
Dim.	Cover for male	Cover for female
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1/4"	5552-44-04	5552-45-04
3/8"	5552-44-06	5552-45-06
1/2"	5552-44-08	5552-45-08
5/8"	5552-44-10	5552-45-10
3/4"	5552-44-12	5552-45-12
1"	5552-44-16	5552-45-16

Dim.	Part number spare part kit
------	----------------------------

1/4"	5552-47-04
3/8"	5552-47-06
1/2"	5552-47-08
5/8"	5552-47-10
3/4"	5552-47-12
1"	5552-47-16



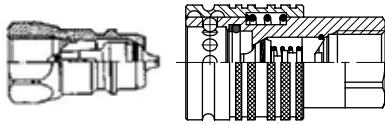


Standard fitting for normal hydraulic applications within industries and agriculture.

Dim. 1/2" is interchangeable with all ISO 7241-1 A series fittings.

5558
NV
ISO 7241-1A
PRODUCT GROUP 520

Dim.	Male	Female	PN MPa	Thread	Length
1/4"	5558-02-04	5558-03-04	35,0	G 1/4" F	66,0 mm
3/8"	5558-02-06	5558-03-06	30,0	G 3/8" F	78,0 mm
1/2"	5558-02-08	5558-03-08	30,0	G 1/2" F	88,0 mm
3/4"	5558-02-12	5558-03-12	25,0	G 3/4" F	107,0 mm
1"	5558-02-16	5558-03-16	23,0	G 1" F	132,0 mm
1 1/4"	5558-02-20	5558-03-20	22,0	G 1 1/4" F	146,0 mm
1 1/2"	5558-02-24	5558-03-24	18,0	G 1 1/2" F	166,0 mm
2"	5558-02-32	5558-03-32	13,0	G 2" F	200,0 mm



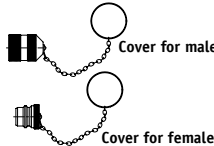
Panel mounted Push-Pull quick release fitting, which means that the hose is protected in case of an accidental disconnection. Used with a male part according to ISO 7241-1 A series.

5558
2NV/PV
ISO 7241-1A
PRODUCT GROUP 520

Dim.	Male	Female	PN MPa	Thread
1/2"	5550-02-08	5558-07-08	26,0	G 1/2" IF



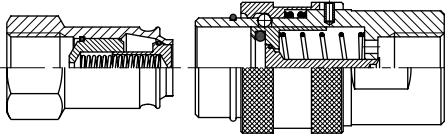
5558
NV
Spare part kit
ISO 7241-1A
PRODUCT GROUP 520



5558-14/15
Faster NV, protection
Plastic (1/4"-3/4") / Metal (1"-2")
PRODUCT GROUP 520

Dim.	Part number spare part kit
1/4"	5558-16-04
3/8"	5558-16-06
1/2"	5558-16-08
3/4"	5558-16-12
1"	5558-16-16
1 1/4"	5558-16-20
1 1/2"	5558-16-24
2"	5558-16-32

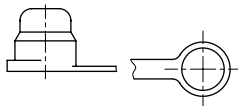
Dim.	Cover for male	Cover for female
1/4"	5558-14-04	5558-15-04
3/8"	5558-14-06	5558-15-06
1/2"	5558-14-08	5558-15-08
3/4"	5558-14-12	5558-15-12
1"	5558-14-16	5558-15-16
1 1/4"	5558-14-20	5558-15-20
1 1/2"	5558-14-24	5558-15-24
2"	5558-14-32	5558-15-32



Drip-free quick release fitting for industrial and mobile applications.

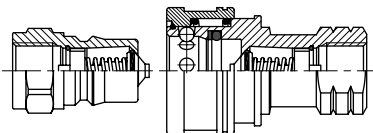
5559
Bruning NS
PRODUCT GROUP 520

Dim.	Male	Female	PN MPa	Thread	Length
3/8"	5559-12-06	5559-13-06	17,5	G 3/8" F	73,0 mm
1/2"	5559-12-08	5559-13-08	17,5	G 1/2" F	95,0 mm
3/4"	5559-12-12	5559-13-12	17,5	G 3/4" F	101,0 mm
1"	5559-12-16	5559-13-16	17,5	G 1" F	115,0 mm



5559
Bruning, protection
PRODUCT GROUP 520

Dim.	Part number
3/8"	5559-14-06
1/2"	5559-14-08
3/4"	5559-14-12
1"	5559-14-16



Quick release fitting with dimensions and performance equivalent to ISO 7241-1 B series. Suitable for industrial and mobile hydraulic applications. Interchangeable with other fittings manufactured according to ISO7241-1 B series.

5553
Hansen HK
 ISO 7241-1B
 PRODUCT GROUP 520

Dim.	Male	Female	PN MPa	Thread	Length
1/8"	5553-02-02	5553-03-02	27.5	G 1/8" F	60.0 mm
1/4"	5553-02-04	5553-03-04	25.5	G 1/4" F	71.0 mm
3/8"	5553-02-06	5553-03-06	25.5	G 3/8" F	81.0 mm
1/2"	5553-02-08	5553-03-08	34.5	G 1/2" F	91.0 mm
3/4"	5553-02-12	5553-03-12	27.5	G 3/4" F	108.0 mm
1"	5553-02-16	5553-03-16	27.5	G 1" F	136.0 mm

Dust cover for male

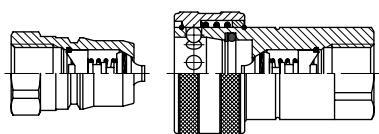
Dust cover for female

5558
Dust cover
 Red
 ISO-B
 PRODUCT GROUP 520

5553
Spare part kit
 ISO-B
 PRODUCT GROUP 520

Dim.	Cover for male	Cover for female
1/4"	5558-34-04	5558-35-04
3/8"	5558-34-06	5558-35-06
1/2"	5558-34-08	5558-35-08
3/4"	5558-34-12	5558-35-12
1"	5558-34-16	5558-35-16

Dim.	O-ring	T-ring
1/8"	5553-06-02	5553-07-02
1/4"	5553-06-04	5553-07-04
3/8"	5553-06-06	5553-07-06
1/2"	5553-06-08N	5553-07-08N
3/4"	5553-06-12N	5553-07-12N
1"	5553-06-16N	5553-07-16N



Quick release fitting with dimensions and performance equivalent to ISO 7241-1 B series. Suitable for industrial and mobile hydraulic applications. Interchangeable with other fittings manufactured according to ISO7241-1 B series.

5558
ISO B
 ISO 7241-1B
 PRODUCT GROUP 520

Dim.	Male	Female	PN MPa	Thread	Length
1/8"	5558-32-02	5558-33-02	40,0	G 1/8" F	63,0 mm
1/4"	5558-32-04	5558-33-04	35,0	G 1/4" F	70,5 mm
3/8"	5558-32-06	5558-33-06	32,0	G 3/8" F	78,0 mm
1/2"	5558-32-08	5558-33-08	30,0	G 1/2" F	88,0 mm
3/4"	5558-32-12	5558-33-12	25,0	G 3/4" F	110,0 mm
1"	5558-32-16	5558-33-16	23,0	G 1" F	132,0 mm

Dust cover for male

Dust cover for female

5558
Dust cover
 Red
 ISO-B
 PRODUCT GROUP 520

5558-59
Spare part kit
 ISO-B
 PRODUCT GROUP 520

Dim.	Cover for male	Cover for female
1/4"	5558-34-04	5558-35-04
3/8"	5558-34-06	5558-35-06
1/2"	5558-34-08	5558-35-08
3/4"	5558-34-12	5558-35-12
1"	5558-34-16	5558-35-16

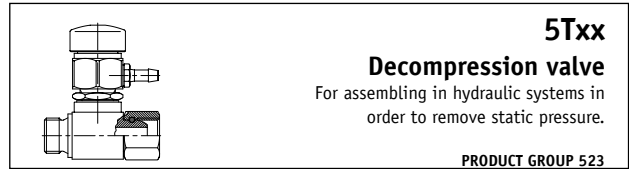
Dim.	Part number
1/8"	5558-59-02
1/4"	5558-59-04
3/8"	5558-59-06
1/2"	5558-59-08
3/4"	5558-59-12
1"	5558-59-16





5TIF
Grease nipple

PRODUCT GROUP 505



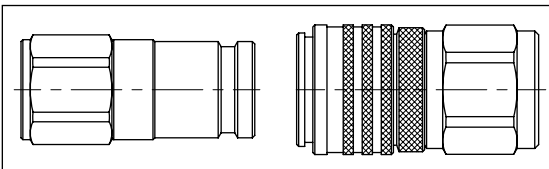
5Txx
Decompression valve

For assembling in hydraulic systems in order to remove static pressure.

PRODUCT GROUP 523

Dim.	Part number	Serie
3/8"	5TGRIF38	QRF
1/2"	5TGRIF50	QRF
5/8"	5TRGIF63	QRF
3/4"	5TGRIF75	QRF
1"	5TGRIF100	QRF

Dimension	Part number	Tema description
3/8"	5TTA38	TA38
1/2"	5TTA50	TA50
3/4"	5TTA75	TA75
1"	5TTA100	TA100



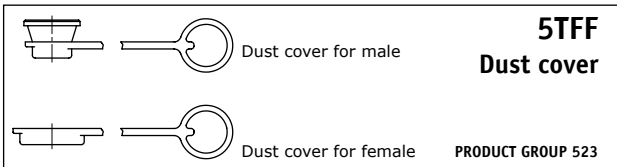
Drip-free quick release fitting for industrial and mobile applications.

5TFF
Flatface

PRODUCT GROUP 523

Dim.	Male	Tema description	Female	Tema description	PN MPa	Thread	Length
FF SERIES							
1/2"	5TFF5020	FF5020	5TFF5010	FF5010	40.0	G 1/2" F	144.0 mm
1/2"	5TFF5020-75	FF5020-75	5TFF5010-75	FF5010-75	40.0	G 3/4" F	144.0 mm
3/4"	5TFF7520	FF7520	5TFF7510	FF7510	40.0	G 3/4" F	169.0 mm
3/4"	5TFF7520-100	FF7520-100	5TFF7510-100	FF7510-100	40.0	G 1" F	169.0 mm
1"	5TFF10020	FF10020	5TFF10010	FF10010	30.0	G 1" F	230.0 mm
1"	5TFF10020-125	FF10020-125	5TFF10010-125	FF10010-125	30.0	G 1 1/4" F	230.0 mm
1"	5TFF10020-150	FF10020-150	5TFF10010-150	FF10010-150	30.0	G 1 1/2" F	230.0 mm

FF SERIES WITH ELIMINATOR							
1/2"	5TFF5021	FF5021			40.0	G 1/2" F	144.0 mm
1/2"	5TFF5021-75	FF5021-75			40.0	G 3/4" F	144.0 mm
3/4"	5TFF7521	FF7521			40.0	G 3/4" F	169.0 mm
3/4"	5TFF7521-100	FF7521-100			40.0	G 1" F	169.0 mm
1"	5TFF10021	FF10021			30.0	G 1" F	230.0 mm
1"	5TFF10021-125	FF10021-125			30.0	G 1 1/4" F	230.0 mm
1"	5TFF10021-150	FF10021-150			30.0	G 1 1/2" F	230.0 mm



5TFF
Dust cover

PRODUCT GROUP 523



5TFF
Spare part kit
Nitrile

PRODUCT GROUP 523

Dim.	Male	Tema descr.	Female	Tema descr.
1/2"	5TFF5026	FF5026	5TFF5016	FF5016
3/4"	5TFF7526	FF7526	5TFF7516	FF7516
1"	5TFF10026	FF10026	5TFF10016	FF10016

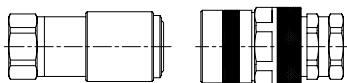
Dim.	Part number	Tema description
1/2"	5TFF5000 PSPU	FF5000 PSPU
3/4"	5TFF7500 PSPU	FF7500 PSPU
1"	5TFF10000 PSPU	FF10000 PSPU



5TFF
Grease nipple

PRODUCT GROUP 505

Dim.	Part number	Serie
1/2"	5TGRF5	FF
3/4"	5TGRF7	FF
1"	5TGRF10	FF



Drip-free threaded quick release fitting especially suited for systems with high pulsating pressures. The fitting can be assembled even when it is put into pressure. The threading also prevents accidental disconnection.

5558
3FFV

PRODUCT GROUP 520

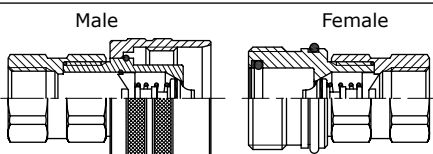
Dim.	Male	Female	PN MPa	Thread	Length
3/8"	5558-48-06	5558-49-06	30,0	G 3/8" F	134,9 mm
1/2"	5558-48-08	5558-49-08	30,0	G 1/2" F	151,5 mm
3/4"	5558-48-12	5558-49-12	30,0	G 3/4" F	181,5 mm
1"	5558-48-16	5558-49-16	40,0	G 1" F	196,7 mm
1 1/4"	5558-48-20	5558-49-20	40,0	G 1 1/4" F	201,7 mm
1 1/2"	5558-48-24	5558-49-24	40,0	G 1 1/2" F	229,4 mm



5558
3FFV Spare part kit
Nitrile

PRODUCT GROUP 520

Dim.	Male kit	Female kit
3/8"	5558-44-06M	5558-44-06F
1/2"	5558-44-08M	5558-44-08F
3/4"	5558-44-12M	5558-44-12F
1"	5558-44-16M	5558-44-16F
1 1/2"	5558-44-24M	5558-44-24F

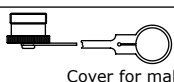


CVV safety factor 3:1. Interchangeable with Argus.

5558
CVV

PRODUCT GROUP 520

Dim.	Male	Female	PN MPa	Thread	Other info
04	5558-80-05	5558-81-05	48,0	G 1/4" F	
06	5558-80-07	5558-81-07	38,0	G 3/8" F	
08	5558-80-09V	5558-81-09V	34,0	G 1/2" F	Viton
12	5558-80-11	5558-81-11	37,0	G 3/4" F	
16	5558-80-12V	5558-81-12V	33,0	G 3/4" F	Viton
16	5558-80-17	5558-81-17	33,0	G 1" F	
24	5558-80-24	5558-81-24	37,0	G 1 1/4" F	
04	5558-80-0490		48,0	M16x1,5 M	8S
04		5558-81-04-90	48,0	M16x1,5 M	8S, Bulkhead
16	5558-80-19	5558-81-19	33,0	M36x2 M	25S
16	5558-80-36	5558-81-36	33,0	M36x2 M	25S, Bulkhead
16		5558-81-51	33,0	M36x2 M	28L
16		5558-81-42-90	33,0	M42x2 M	30S
24		5558-81-20	37,0	M42x2 M	30S
24	5558-80-20	5558-81-21	37,0	M42x2 M	30S, Viton
24		5558-81-20-90V	37,0	M42x2 M	30S, Viton, Bulkhead
24	5558-80-22	5558-81-22	37,0	M52x2 M	38S, Viton



Cover for male



Cover for female

5558
CVV Protection
Red

PRODUCT GROUP 520

Dim.	Cover for male	Cover for female
04	5558-86-04	5558-87-04
06	5558-86-06	5558-87-06
08	5558-86-08	5558-87-08
12	5558-86-12	5558-87-12
16	5558-86-16	5558-87-16
24	5558-86-24	5558-87-24

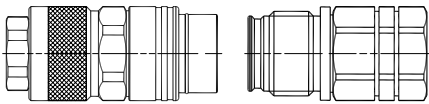


5558
CVV Spare part kit
Viton

PRODUCT GROUP 520

Dim.	Part number
08	5558-99-47
12	5558-98-97
16	5558-99-48
24	5558-99-45





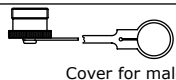
Threaded fitting for high pulsating pressure so-called hammer hydraulics.

Material: Steel QPC/yellow
Packning: Nitrile, -40° - +100°C

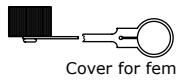
5S80
Stucchi VP

PRODUCT GROUP 520

Dim.	Male	Female	PN MPa	Thread
1/4" (07)	5S801900001	5S801900000	60,0	G 1/4" F
3/8" (09)	5S807300003	5S807300002	55,0	G 3/8" F
3/8" (09)	5S807300005	5S807300004	55,0	G 1/2" F
1/2" (13)	5S807300007	5S807300006	55,0	G 1/2" F
1/2" (13)	5S807300009	5S807300008	55,0	G 3/4" F
3/4" (15)	5S807300010	5S807300011	55,0	G 3/4" F
1" (17)	5S807300013	5S807300012	50,0	G1" F
1 1/4" (21)	5S807300015	5S807300014	47,0	G 1 1/4" F
1 1/2" (30)	5S807300017	5S807300016	40,0	G 1 1/2" F



Cover for male

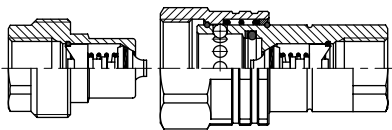


Cover for female

5S81
Stucchi VP, protection

PRODUCT GROUP 520

Dim.	Cover for male	Cover for female
1/4" (07)	5S815300051	5S815300050
3/8" (09)	5S815300053	5S815300052
1/2" (13)	5S815300055	5S815300054
3/4" (15)	5S815300057	5S815300056
1" (17)	5S815300059	5S815300058
1 1/4" (21)	5S815300061	5S815300060
1 1/2" (30)	5S815300063	5S815300062

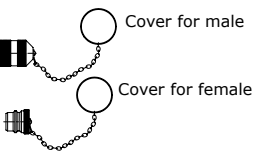


Threaded quick release fitting for standardised hydraulic applications. Thanks to the threads, it is possible to assemble the valve even when there is some pressure left in the system. The threading also prevents accidental disconnection.

5558
VV

PRODUCT GROUP 520

Dim.	Male	Female	PN MPa	Thread	Length
1/4"	5558-22-04	5558-23-04	35,0	G 1/4" F	66,0 mm
3/8"	5558-22-06	5558-23-06	30,0	G 3/8" F	78,0 mm
1/2"	5558-22-08	5558-23-08	30,0	G 1/2" F	88,0 mm
3/4"	5558-22-12	5558-23-12	25,0	G 3/4" F	110,0 mm
1"	5558-22-16	5558-23-16	23,0	G 1" F	132,0 mm



Cover for male



Cover for female

5558
VV, protection
Aluminium

PRODUCT GROUP 520

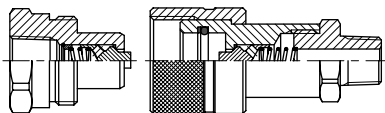


5558-24
Spare part kit

PRODUCT GROUP 520

Dim.	Cover for male	Cover for female
1/4"	5558-38-04	5558-39-04
3/8"	5558-38-06	5558-39-06
1/2"	5558-38-08	5558-39-08
3/4"	5558-38-12	5558-39-12
1"	5558-38-16	5558-39-16

Dim.	Part number
1/4"	5558-24-04
3/8"	5558-24-06
1/2"	5558-24-08
3/4"	5558-24-12
1"	5558-24-16



Quick release fitting with NPT-thread. Threaded quick release fitting possible to connect during very high static pressures. Used for e.g. hydraulic jacks.

5558
PVVM

PRODUCT GROUP 520

Dim.	Male	Thread	Female	Thread	PN MPa	Length
1/4"	5558-64-04	1/4" NPT F	5558-65-04	1/4" NPT M	35,0	74,0 mm
3/8"	5558-64-06	3/8" NPT F	5558-65-06	3/8" NPT M	30,0	82,0 mm

Cover for male

5558
PVVM Protection
Aluminium

Cover for male

PRODUCT GROUP 520

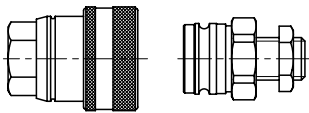
Dim.	Cover for male	Cover for female
1/4"	5558-66-04	5558-67-04
3/8"	5558-66-06	5558-67-06

5558
PVVM Spare part kit
Nitrile

PRODUCT GROUP 520

Dim.	Part number
1/4"	5558-69-04
3/8"	5558-69-06





Quick release fitting for hydraulic brakes.
According to ISO 5676.

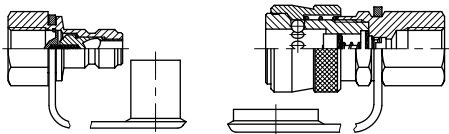
5558

VF

ISO 5676

PRODUCT GROUP 520

Dim.	Male	Female	PN MPa	Thread
3/8"	5558-68-26		22	Male M16 x 1,5 10L bulkhead
3/8"	5558-68-51		22	Male M18 x 1,5 12L bulkhead
3/8"	5558-68-27		22	Male M22 x 1,5 15L bulkhead
3/8"	5558-68-08		22	G 1/2" M
3/8"		5558-69-08	22	G 1/2" F
3/8"		5558-68-25	22	Female M18 x 1,5



Drip-free quick release fitting for very high pressures.
Especially suited for e.g. hydraulic pumps, lever jacks and salvage equipment. Bore: 3 mm.

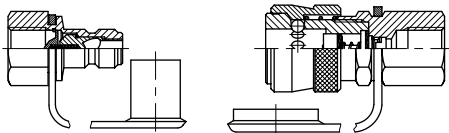
5C10115

CEJN 115

PRODUCT GROUP 524

Dim.	Male	Female	PN MPa	Thread	Length
1/4"	5C10 115 6202	5C10 115 1202	100,0	G 1/4" F	75,0 mm
1/4"		5C10 115 1222*	100,0	G 1/4" F	75,0 mm
1/4"	5C10 115 6402	5C10 115 1402	100,0	NPT 1/4" F	75,0 mm
3/8"	5C10 115 6204	5C10 115 1204	100,0	G 3/8" F	79,0 mm
3/8"	5C10 115 6154		100,0	R 3/8" M	79,0 mm
3/8"		5C10 115 1254	100,0	G 3/8" M	79,0 mm
3/8"	5C10 115 6404	5C10 115 1404	100,0	NPT 3/8" F	79,0 mm
3/8"	5C10 115 6454	5C10 115 1454	100,0	NPT 3/8" M	79,0 mm

*) with security lock



Cejn 116 is interchangeable with TEMA THP 1000

5C10116

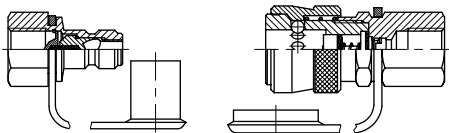
CEJN 116

PRODUCT GROUP 524

Dim.	Male	Female	PN MPa	Thread	Length
1/4"	5C10 116 6202	5C10 116 1202	150,0	G 1/4" IF	75,0 mm
1/4"	5C10 116 6202	5C10 116 1222*	150,0	G 1/4" IF	79,0 mm
1/4"	5C10 116 6241**	5C10 116 1246**	150,0	G 1/4" IF	79,0 mm
1/4"	5C10 116 6402		150,0	NPT 1/4" IF	79,0 mm

*) with security lock

***) with security lock, stainless steel and nickel-plated locking sleeve



5C10125

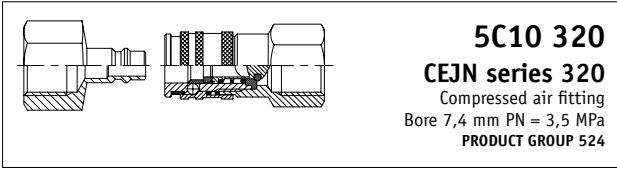
CEJN 125

PRODUCT GROUP 524

Dim.	Male	Female	PN MPa	Thread
1/4"	5C10 125 6202	5C10 125 1202	200,0	G 1/4" F

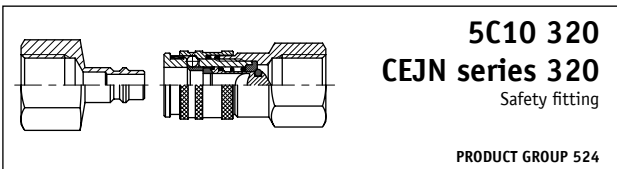
OUR WIDE RANGE OF MULTICONNECT ARE FROM THE LEADING MANUFACTURERS





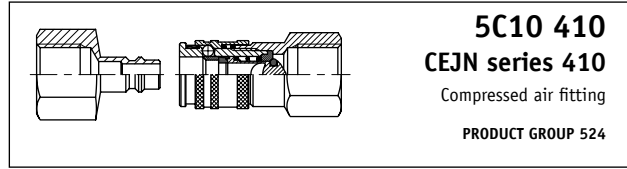
5C10 320
CEJN series 320
 Compressed air fitting
 Bore 7,4 mm PN = 3,5 MPa
 PRODUCT GROUP 524

Part number	Cejn descr.	Type	Connection
5C10 320 1002	10 320 1002	Female	Hose 6 mm
5C10 320 1003	10 320 1003	Female	Hose 8 mm
5C10 320 1004	10 320 1004	Female	Hose 10 mm
5C10 320 1005	10 320 1005	Female	Hose 13 mm
5C10 320 1152	10 320 1152	Female	R 1/4" M
5C10 320 1154	10 320 1154	Female	R 3/8" M
5C10 320 1155	10 320 1155	Female	R 1/2" M
5C10 320 1202	10 320 1202	Female	G 1/4" F
5C10 320 1204	10 320 1204	Female	G 3/8" F
5C10 320 1205	10 320 1205	Female	G 1/2" F
5C10 320 5001	10 320 5001	Male	Hose 4 mm
5C10 320 5002	10 320 5002	Male	Hose 6 mm
5C10 320 5003	10 320 5003	Male	Hose 8 mm
5C10 320 5004	10 320 5004	Male	Hose 10 mm
5C10 320 5005	10 320 5005	Male	Hose 13 mm
5C10 320 5151	10 320 5151	Male	R 1/8" M
5C10 320 5152	10 320 5152	Male	R 1/4" M
5C10 320 5154	10 320 5154	Male	R 3/8" M
5C10 320 5155	10 320 5155	Male	R 1/2" M
5C10 320 5201	10 320 5201	Male	G 1/8" F
5C10 320 5202	10 320 5202	Male	G 1/4" F
5C10 320 5204	10 320 5204	Male	G 3/8" F
5C10 320 5205	10 320 5205	Male	G 1/2" F
5C10 320 8002	10 320 8002	Anti-hose whip nipples	1/4" SI.
5C10 320 8003	10 320 8003	Anti-hose whip nipples	5/16" SI.
5C10 320 8004	10 320 8004	Anti-hose whip nipples	3/8" SI.
5C10 320 8005	10 320 8005	Anti-hose whip nipples	1/2" SI.



5C10 320
CEJN series 320
 Safety fitting
 PRODUCT GROUP 524

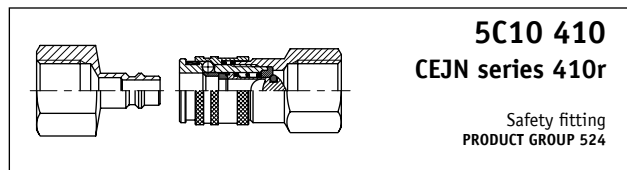
Part number	Cejn descr.	Type	Connection
5C 10 320 3152	10 320 3152	Female	R 1/4" M
5C 10 320 3154	10 320 3154	Female	R 3/8" M
5C 10 320 3155	10 320 3155	Female	R 1/2" M
5C 10 320 3202	10 320 3202	Female	G 1/4" F
5C 10 320 3204	10 320 3204	Female	G 3/8" F
5C 10 320 3205	10 320 3205	Female	G 1/2" F
5C 10 320 3002	10 320 3002	Female	Hose 6 mm
5C 10 320 3003	10 320 3003	Female	Hose 8 mm
5C 10 320 3004	10 320 3004	Female	Hose 10 mm
5C 10 320 3005	10 320 3005	Female	Hose 13 mm



5C10 410
CEJN series 410
 Compressed air fitting
 PRODUCT GROUP 524

Part number	Cejn descr.	Type	Connection
5C 10 410 1003	10 410 1003	Female	Hose 8 mm
5C 10 410 1004	10 410 1004	Female	Hose 10 mm
5C 10 410 1005	10 410 1005	Female	Hose 13 mm
5C 10 410 1006	10 410 1006	Female	Hose 16 mm
5C 10 410 1007	10 410 1007	Female	Hose 19 mm
5C 10 410 1154	10 410 1154	Female	R 3/8" M
5C 10 410 1155	10 410 1155	Female	R 1/2" M
5C 10 410 1157	10 410 1157	Female	R 3/4" M
5C 10 410 1204	10 410 1204	Female	G 3/8" F
5C 10 410 1205	10 410 1205	Female	G 1/2" F
5C 10 410 1207	10 410 1207	Female	G 3/4" F
5C 10 410 5002	10 410 5002	Female	Hose 6 mm
5C 10 410 5003	10 410 5003	Female	Hose 8 mm
5C 10 410 5004	10 410 5004	Female	Hose 10 mm
5C 10 410 5005	10 410 5005	Female	Hose 13 mm
5C 10 410 5006	10 410 5006	Female	Hose 16 mm
5C 10 410 5007	10 410 5007	Female	Hose 19 mm
5C 10 410 5152	10 410 5152	Female	R 1/4" M
5C 10 410 5154	10 410 5154	Female	R 3/8" M
5C 10 410 5155	10 410 5155	Female	R 1/2" M
5C 10 410 5157	10 410 5157	Female	R 3/4" M
5C 10 410 5202	10 410 5202	Female	G 1/4" F
5C 10 410 5204	10 410 5204	Female	G 3/8" F
5C 10 410 5205	10 410 5205	Female	G 1/2" F
5C 10 410 5207	10 410 5207	Female	G 3/4" F
5C 10 410 8004	10 410 8004	Anti-hose whip nipples	SI 3/8"
5C 10 410 8005	10 410 8005	Anti-hose whip nipples	SI 1/2"
5C 10 410 8006	10 410 8006	Anti-hose whip nipples	SI 5/8"
5C 10 410 8007	10 410 8007	Anti-hose whip nipples	SI 3/4"

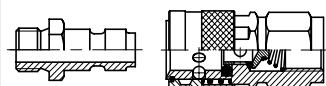
Interchangeable with Tema 1700, Cejn 410, Rectus 27 and Luna 27.



5C10 410
CEJN series 410r
 Safety fitting
 PRODUCT GROUP 524

Part number	Cejn descr.	Type	Connection
5C 10 410 3155	10 410 3155	Female	R 1/2" M
5C 10 410 3157	10 410 3157	Female	R 3/4" M
5C 10 410 3204	10 410 3204	Female	R 3/8" F
5C 10 410 3205	10 410 3205	Female	R 1/2" F
5C 10 410 3005	10 410 3005	Female	Hose 13 mm

NB! The 1100 series is not connectable with the 1100N series



Tema 1100

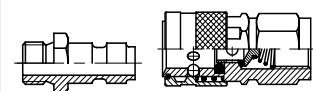
Compressed air fitting

Bore = 5,5 mm PN = 3 MPa

PRODUCT GROUP 523

Part number	Tema descr.	Type	Seal	Connection
5T1100	1100	Female	NBR	G 1/8" F
5T1100A	1100A	Female	NBR	G 1/4" M
5T1100V	1100V	Female	Viton	G 1/8" F
5T11110	11110	Male		G 1/8" M
5T11410	11410	Male		G 1/8" F
5T11005	11005	Male		Hose 5 mm
5T11006	11006	Male		Hose 6 mm
5T11310N	11310N	O-ring	NBR	
5T11310V	11310V	O-ring	Viton	

NB! The 1100 series is not connectable with the 1100N series



Tema 1100N

Compressed air fitting

Bore = 5,5 mm

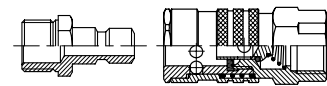
M = Brassed,

chromium-plated PN = 3 MPa

PRODUCT GROUP 523

Part number	Tema descr.	Type	Seal	Connection
5T1100N	1100N	Female	NBR	G 1/8" F
5T1100NV	1100NV	Female	Viton	G 1/8" F
5T11410MEP	11410MEP	Male	NBR	G 1/8" F
5T11410MN	11410MN	Male	EPDM	G 1/8" F
5T11410MV	11410MV	Male	Viton	G 1/8" F
5T11310N	11310N	O-ring	NBR	
5T11310V	11310V	O-ring	Viton	

NB! The 1300 series is not connectable with 1300N series



Tema 1300 / 1300E

Compressed air fitting

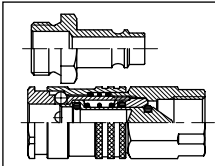
Bore = 6,8 mm

PN = 3 MPa E= One-handed

PRODUCT GROUP 523

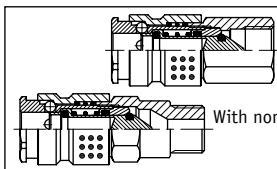
Part number	Tema descr.	Type	Seal	Connection
5T1300	1300	Female	NBR	G 1/4" F
5T1300A	1300A	Female	NBR	G 3/8" M
5T1300B	1300B	Female	NBR	G 3/8" F
5T1300E	1300E	Female	NBR	G 1/4" F
5T1300V	1300V	Female	Viton	G 1/4" F
5T1300EA	1300EA	Female	NBR	R 3/8" M
5T1300EB	1300EB	Female	NBR	G 3/8" F
5T1300EC	1300EC	Female	NBR	R 1/4" M
5T1300ED	1300ED	Female	NBR	R 1/2" M
5T1300EK06	1300EK06	Female	NBR	Hose 6 mm
5T1300EK08	1300EK08	Female	NBR	Hose 8 mm
5T1300EK10	1300EK10	Female	NBR	Hose 10 mm
5T1300EK12	1300EK12	Female	NBR	Hose 12 mm
5T13110	13110	Male		R 1/8" M
5T13210	13210	Male		G 1/4" M
5T13220	13220	Male		R 3/8" M
5T13230	13230	Male		R 1/2" M
5T13405	13405	Male		G 1/8" F
5T13410	13410	Male		G 1/4" F
5T13420	13420	Male		G 3/8" F
5T13430	13430	Male		G 1/2" F
5T13006	13006	Male		Hose 6 mm
5T13008	13008	Male		Hose 8 mm
5T13010	13010	Male		Hose 10 mm
5T13012	13012	Male		Hose 12 mm
5T13310 N	13310 N	Seal	NBR	





Tema 1600
Compressed air fitting
Bore = 6,7 mm
S = Safety nipple
PN = 3 MPa
PRODUCT GROUP 523

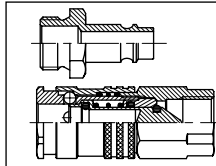
Part number	Tema descr.	Type	Connection
5T1600	1600	Female	G 1/4" F
5T1600A	1600A	Female	R 3/8" M
5T1600B	1600B	Female	G 3/8" F
5T1600C	1600C	Female	R 1/2" M
5T1600D	1600D	Female	R 1/4" M
5T1600F	1600F	Female	G 1/2" F
5T1600K06	1600K06	Female	Hose 6 mm
5T1600K08	1600K08	Female	Hose 8 mm
5T1600K10	1600K10	Female	Hose 10 mm
5T1600K12	1600K12	Female	Hose 12 mm
5T16110	16110	Male	R 1/8" M
5T16210	16210	Male	R 1/4" M
5T16220	16220	Male	R 3/8" M
5T16230	16230	Male	R 1/2" M
5T16405	16405	Male	G 1/8" F
5T16410	16410	Male	G 1/4" F
5T16420	16420	Male	G 3/8" F
5T16430	16430	Male	G 1/2" F
5T16410S	16410S	Male	G 1/4" F
5T16006	16006	Male	Hose 6 mm
5T16008	16008	Male	Hose 8 mm
5T16010	16010	Male	Hose 10 mm
5T16012	16012	Male	Hose 12 mm
5T13320	13320	Seal 1/4"	
5T18320	18320	Seal 3/8"	



Tema 1625
Compressed air fitting
Bore = 6,7 mm
With non-return valve connectable with TEMA 1600
PN = 3 MPa
PRODUCT GROUP 523

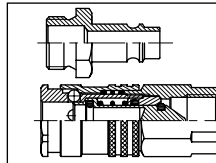
Part number	Tema descr.	Type	Connection
5T1625KAAK13S	1625KAAK13SPN	Female	G 1/4" M
5T1625KAAK17S	1625KAAK17SPN	Female	G 3/8" M
5T1625KAAK21S	1625KAAK21SPN	Female	G 1/2" M
5T1625KAIW13S	1625KAIW13SPN	Female	G 1/4" F
5T1625KAIW17S	1625KAIW17SPN	Female	G 3/8" F
5T1625KAIW21S	1625KAIW21SPN	Female	G 1/2" F
5T1625KATF06S	1625KATF06SPN	Female	Hose 1/4"
5T1625KATF08S	1625KATF08SPN	Female	Hose 5/16"
5T1625KATF10S	1625KATF10SPN	Female	Hose 3/8"
5T1625KATF13S	1625KATF13SPN	Female	Hose 1/2"

Interchangeable with 1600 series and 320 series.



Tema 1650
Compressed air fitting
Connectable with Atlas Copco QIC 10 fittings
PN = 3,5 MPa
PRODUCT GROUP 523

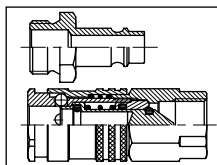
Part number	Tema descr.	Type	Connection
5T1650D	1650D	Female	R 1/4" M
5T1650A	1650A	Female	R 3/8" M
5T1650C	1650C	Female	R 1/2" M
5T1650	1650	Female	G 1/4" F
5T1650B	1650B	Female	G 3/8" F
5T1650F	1650F	Female	G 1/2" F
5T1650K06	1650K06	Female	Slang 6 mm
5T1650K08	1650K08	Female	Slang 8 mm
5T1650K10	1650K10	Female	Slang 10 mm
5T1650K12	1650K12	Female	Slang 12 mm
5T165110	165110	Male	R 1/8" M
5T165210	165210	Male	R 1/4" M
5T165220	165220	Male	R 3/8" M
5T165230	165230	Male	R 1/8" M
5T165405	165405	Male	G 1/8" F
5T165410	165410	Male	G 1/4" F
5T165420	165420	Male	G 3/8" F
5T165430	165430	Male	G 1/2" F
5T165006	165006	Male	Hose 6 mm
5T165008	165008	Male	Hose 8 mm
5T165010	165010	Male	Hose 10 mm
5T165012	165012	Male	Hose 12 mm



Tema 1700
Compressed air fitting
Connectable with Cejn 410
PN = 3,0 MPa
PRODUCT GROUP 523

Part number	Tema descr.	Type	Seal	Connection
5T1700	1700	Female	NBR	G 3/8" F
5T1700A	1700A	Female	NBR	R 1/2" M
5T1700B	1700B	Female	NBR	G 1/2" F
5T1700C	1700C	Female	NBR	G 3/4" F
5T1700D	1700D	Female	NBR	R 3/8" M
5T1700K10	1700K10	Female	NBR	Hose 10 mm
5T1700K12	1700K12	Female	NBR	Hose 12 mm
5T1700K16	1700K16	Female	NBR	Hose 16 mm
5T1700K19	1700K19	Female	NBR	Hose 19 mm
5T17110	17110	Male		R 1/4" M
5T17210	17210	Male		R 3/8" M
5T17220	17220	Male		R 1/2" M
5T17410	17410	Male		G 3/8" F
5T17420	17420	Male		G 1/2" F
5T17010	17010	Male		Hose 10 mm
5T17012	17012	Male		Hose 12 mm
5T17016	17016	Male		Hose 16 mm
5T17019	17019	Male		Hose 19 mm

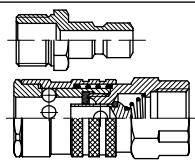
Interchangeable with Cejn 410, Rectus 27 and Luna 27.



Tema 1750
Compressed air fitting
 Connectable with
 Atlas Copcos QIC 15 410 fittings
 PN = 3,5 MPa
PRODUCT GROUP 523

Part number	Tema descr.	Type	Connection
5T1750D	1750D	Female	R 1/4" M
5T1750A	1750A	Female	R 3/8" M
5T1750C	1750C	Female	R 1/2" M
5T1750B	1750B	Female	G 1/4" F
5T1750	1750	Female	G 3/8" F
5T1750F	1750F	Female	G 1/2" F
5T1750K08	1750K08	Female	Hose 8 mm
5T1750K10	1750K10	Female	Hose 10 mm
5T1750K12	1750K12	Female	Hose 12 mm
5T1750K16	1750K16	Female	Hose 16 mm
5T1750K19	1750K19	Female	Hose 19 mm
5T175110	175110	Male	R 1/4" M
5T175210	175210	Male	R 3/8" M
5T175220	175220	Male	R 1/2" M
5T175410	175410	Male	G 1/4" F
5T175420	175420	Male	G 3/3" F
5T175430	175430	Male	G 1/2" F
5T175006	175006	Male	Hose 6 mm
5T175010	175010	Male	Hose 10 mm
5T175012	175012	Male	Hose 12 mm
5T175016	175016	Male	Hose 16 mm

Interchangeable with Atlas Copco QIC 15.

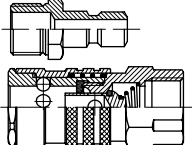


Tema 1800/1800E
Compressed air fitting
 Bore
 10,4 mm
 E = One-handed
 S = Safety nipple
 PN = 3 MPa
PRODUCT GROUP 523

Part number	Tema descr.	Type	Seal	Connection
5T1800	1800	Female	NBR	G 3/8" F
5T1800A	1800A	Female	NBR	G 1/2" M
5T1800B	1800B	Female	NBR	G 1/2" F
5T1800C	1800C	Female	NBR	G 3/4" F
5T1800V	1800V	Female	Viton	G 3/8" F
5T1800BV	1800BV	Female	Viton	G 1/2" F
5T1800AV	1800AV	Female	Viton	G 1/2" M
5T1800E	1800E	Female	NBR	G 3/8" F
5T1800EA	1800EA	Female	NBR	R 1/2" M
5T1800EB	1800EB	Female	NBR	G 1/2" F
5T1800EC	1800EC	Female	NBR	G 3/4" F
5T1800ED	1800ED	Female	NBR	R 3/8" M
5T1800EF	1800EF	Female	NBR	R 3/4" M
5T1800EK10	1800EK10	Female	NBR	Hose 10 mm
5T1800EK12	1800EK12	Female	NBR	Hose 12 mm
5T1800EK16	1800EK16	Female	NBR	Hose 16 mm
5T1800EK19	1800EK19	Female	NBR	Hose 19 mm
5T18105	18105	Male		R 1/8" M
5T18110	18110	Male		G 1/4" M
5T18110A	18110A	Male		R 1/4" M
5T18210	18210	Male		G 3/8" M
5T18220	18220	Male		R 1/2" M
5T18230	18230	Male		R 3/4" M
5T18405	18405	Male		G 1/4" F
5T18410	18410	Male		G 3/8" F
5T18420	18420	Male		G 1/2" F
5T18006	18006	Male		Hose 6 mm
5T18008	18008	Male		Hose 8 mm
5T18010	18010	Male		Hose 10 mm
5T18012	18012	Male		Hose 12 mm
5T18016	18016	Male		Hose 16 mm
5T18019	18019	Male		Hose 19 mm
5T18410S	18410S	Male		G 3/8" F
5T18310N	18310N	Seal NBR		
5T18310V	18310V	Seal Viton		

NB! The 1800/1800E series is not interchangeable with 1800N-series.





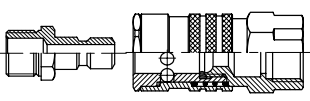
Tema 1800N
Compressed air fitting Bore
10,4 mm
E = One-handed, S = Steel, M = Brass
PN = 3 MPa
PRODUCT GROUP 523

Part number	Tema descr.	Type	Seal	Connection
5T1800N	1800N	Female	NBR	G 3/8" F
5T1800NB	1800NB	Female	NBR	G 1/2" F
5T1800NBA	1800NBA	Female	EPDM	G 1/2" F
5T1800NC	1800NC	Female	NBR	G 3/4" F
5T1800NV	1800NV	Female	Viton	G 3/8" F
5T1800NAV	1800NAV	Female	Viton	G 1/2" M
5T1800NBV	1800NBV	Female	Viton	G 1/2" F
5T1800NCV	1800NCV	Female	Viton	G 3/4" M
5T18410MN	18410MN	Male	NBR	G 3/8" F
5T18410STN	18410STN	Male	NBR	G 3/8" F
5T18410MNV	18410MNV	Male	Viton	G 3/8" F
5T18410STV	18410STV	Male	Viton	G 3/8" F

5T18310N	18310N	O-ring, NBR		
5T18310V	18310V	O-ring, Viton		

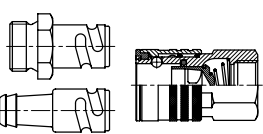
NB! The 1800N series is not interchangeable with the 1800/1800-series.

Female part free flow (without valve)



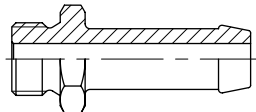
Tema 1800H
Water fitting
Bore 10,4 mm,
E = One-hand, S = Steel, M = Brass
PN = 3 MPa
PRODUCT GROUP 520

Part number	Tema descr.	Type	Seal	Connection
5T1800H	1800H	Female	NBR	G 3/8" F
5T1800HEP	1800HEP	Female	EPDM	G 3/8" F
5T1800HV	1800HV	Female	Viton	G 3/8" F
5T18105	18105	Male		R 1/8" M
5T18110	18110	Male		G 1/4" M
5T18110A	18110A	Male		R 1/4" M
5T18210	18210	Male		G 3/8" M
5T18210A	18210A	Male		R 3/8" M
5T18220	18220	Male		R 1/2" M
5T18230	18230	Male		R 3/4" M
5T18405	18405	Male		G 1/4" F
5T18410	18410	Male		G 3/8" F
5T18420	18420	Male		G 1/2" F
5T18310N	18310N	Seal, NBR		
5T18310V	18310V	Seal, Viton		



Tema 2100
Compressed air fitting
PN = 2 MPa
PRODUCT GROUP 523


Part number	Tema descr.	Type	Connection
5T2100	2100	Female	G 1" F
5T21019	21019	Male	Hose 19 mm
5T21025	21025	Male	Hose 25 mm
5T21032	21032	Male	Hose 32 mm
5T21210	21210	Male	G 1" M
5T21310N	21310N	O-ring Nitrile	



Tema
Hose nipple
PRODUCT GROUP 523

Part number	Tema descr.	Hose ID	Connection
5T1105	1105	5 mm	G 1/8" M
5T1106	1106	6 mm	G 1/8" M
5T1306	1306	6 mm	G 1/4" M
5T1308	1308	8 mm	G 1/4" M
5T1310	1310	10 mm	G 1/4" M
5T1312	1312	12 mm	G 1/4" M
5T1806	1806	6 mm	G 3/8" M
5T1808	1808	8 mm	G 3/8" M
5T1810	1810	10 mm	G 3/8" M
5T1812	1812	12 mm	G 3/8" M
5T1816	1816	16 mm	G 3/8" M
5T1819	1819	19 mm	G 3/8" M

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5552
Hydroscand blow gun
PRODUCT GROUP 520

Part number	Type	Connection
5552-00-20	Blow gun	G 1/4" F



5552
Hydroscand spiral hose
PRODUCT GROUP 520

Part number	Dimension	Work length	Thread
5552-00-01	6.5 x 10 mm	4 m	1/4" M
5552-00-02	8.0 x 12 mm	6 m	3/8" M



5576-02
Swivel G M x F
Heavy Duty

PRODUCT GROUP 520

Part number	Type	Work.pr max MPa	P1	P2	A	B	H1	H2
5576-02-08	Straight swivel G 1/2"	42,0	G 1/2" M	G 1/2" F	75	39	19,0	33,3
5576-02-12	Straight swivel G 3/4"	42,0	G 3/4" M	G 3/4" F	97	51	33,3	41,3
5576-02-16	Straight swivel G 1"	42,0	G 1" M	G 1" F	110	56	30,1	47,6



5576-03
Swivel UNF M x F
Heavy Duty

PRODUCT GROUP 520

Part number	Type	Work.pr max MPa	P1	P2	A	B	H1	H2
5576-03-12	Straight swivel 3/4"-16 UN	42,0	JIC 3/4"	3/4"-16 o-ring boss	84	38	17,5	32,0
5576-03-17	Straight swivel 1 1/16"-12 UN	42,0	JIC 1 1/16"	1 1/16"-12 o-ring boss	105	51	33,3	41,3
5576-03-21	Straight swivel 1 5/16"-12 UN	42,0	JIC 1 5/16"	1 5/16"-12 o-ring boss	118	56	30,1	47,6



5576-04
Swivel ORFS M x F
Heavy Duty

PRODUCT GROUP 520

Part number	Type	Work.pr max MPa	P1	P2	A	B	H1	H2
5576-04-08	Straight swivel, ORFS 13/16"-16	42,0	ORFS 13/16"	ORFS 13/16	76	39	19,0	33,3
5576-04-12	Straight swivel, ORFS 1 3/16"-12	42,0	ORFS 1 3/16"	ORFS 1 3/16	98	53	27,0	44,5
5576-04-16	Straight swivel, ORFS 1 7/16"-12	42,0	ORFS 1 7/16"	ORFS 1 7/16	111	59	33,3	51,0



5576-05
Swivel ORFS M x M
Heavy Duty

PRODUCT GROUP 520

Part number	Type	Work.pr max MPa	P1	P2	A	B	H1	H2
5576-05-08	Straight swivel, ORFS 13/16"-16	42,0	ORFS 13/16"	ORFS 13/16	79	39	19,0	33,3
5576-05-12	Straight swivel, ORFS 1 3/16"-12	42,0	ORFS 1 3/16"	ORFS 1 3/16	115	53	27,0	44,5
5576-05-16	Straight swivel, ORFS 1 7/16"-12	42,0	ORFS 1 7/16"	ORFS 1 7/16	130	59	33,3	51,0
5576-05-20	Straight swivel, ORFS 1 11/16"-12	42,0	ORFS 1 11/16"	ORFS 1 11/16"	139	70	40	60,3

*Working pressure is only for the swivel, check the pressure classes on the connections

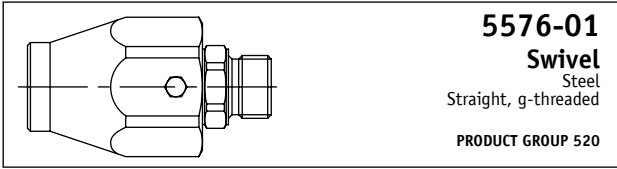


5576-9
Spare part kit
Heavy Duty-swivel

PRODUCT GROUP 520

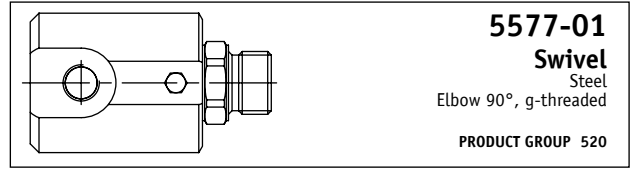
Part number	Type
5576-90-08	Spare part kit Heavy Duty swivel 1/2", 3/4"-16 UNF
5576-90-12	Spare part kit Heavy Duty swivel 3/4", G 3/4", 1 1/16"-12 UN
5576-90-16	Spare part kit Heavy Duty swivel 1", G 1", 1 5/16"-12 UN
5576-91-08	Spare part kit Heavy Duty swivel 1/2", G 1/2", ORFS 13/16"
5576-91-12	Spare part kit Heavy Duty swivel 3/4" ORFS 1 3/16
5576-91-16	Spare part kit Heavy Duty swivel 1" ORFS 1 7/16"
5576-91-20	Spare part kit Heavy Duty swivel 1 1/4" ORFS 1 11/16"





5576-01
Swivel
 Steel
 Straight, g-threaded
 PRODUCT GROUP 520

Part number	Thread 1	Thread 2	Flow l/m	Rotation PN/MPa	Rotation turns/min
5576-01-04	G 1/4" F	G 1/4" M	25	20.0	212
5576-01-06	G 3/8" F	G 3/8" M	35	20.0	173
5576-01-08	G 1/2" F	G 1/2" M	60	15.0	160
5576-01-12	G 3/4" F	G 3/4" M	100	15.0	120
5576-01-16	G 1" F	G 1" M	180	10.0	100
5576-01-20	G 1 1/4" F	G 1 1/4" M	200	10.0	86
5576-01-24	G 1 1/2" F	G 1 1/2" M	250	8.0	73



5577-01
Swivel
 Steel
 Elbow 90°, g-threaded
 PRODUCT GROUP 520

Part number	Thread 1	Thread 2	Flow l/m	Rotation PN/MPa	Rotation turns/min
5577-01-04	G 1/4" F	G 1/4" M	25	20.0	212
5577-01-06	G 3/8" F	G 3/8" M	35	20.0	173
5577-01-08	G 1/2" F	G 1/2" M	60	15.0	160
5577-01-12	G 3/4" F	G 3/4" M	100	15.0	120
5577-01-16	G 1" F	G 1" M	180	10.0	100
5577-01-20	G 1 1/4" F	G 1 1/4" M	200	10.0	86
5577-01-24	G 1 1/2" F	G 1 1/2" M	250	8.0	73



5590
High pressure swivel M x M BSP

Material: Steel/zinc-plated
 Seal: Nitrile
 Working temperature: -40° - + 110°C

PRODUCT GROUP 520

Part number	Dimension	Spare part kit part number	PN/MPa
5590-08-08	1/2"	5590-03-08	25,0
5590-12-12	3/4"	5590-03-12	23,0

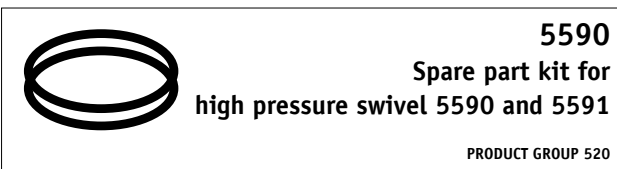


5591
High pressure swivel M BSP F BSP

Material: Steel/zinc-plated
 Seal: Nitril
 Working temperature: -40° - +110°C

PRODUCT GROUP 520

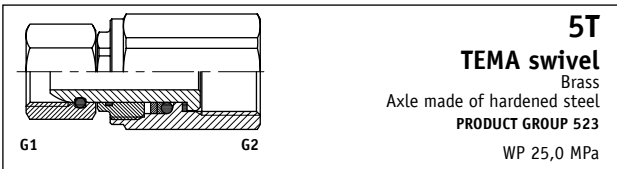
Part number	Dimension	Spare part kit part number	PN/MPa
5591-04-04	1/4"	5590-03-04	35,0
5591-06-06	3/8"	5590-03-06	30,0
5591-08-08	1/2"	5591-03-08	25,0
5591-12-12	3/4"	5591-03-12	23,0
5591-16-16	1"	5591-03-16	23,0
5591-20-20	1 1/4"	5591-03-20	23,0
5591-24-24	1 1/2"	5590-03-24	23,0



5590
Spare part kit for high pressure swivel 5590 and 5591

PRODUCT GROUP 520

Part number	Type	Dimension
5590-03-04	Spare part kit	1/4"
5590-03-06	Spare part kit	3/8"
5590-03-08	Spare part kit	1/2"
5590-03-12	Spare part kit	3/4"
5590-03-16	Spare part kit	1"
5590-03-20	Spare part kit	1 1/4"
5590-03-24	Spare part kit	1 1/2"

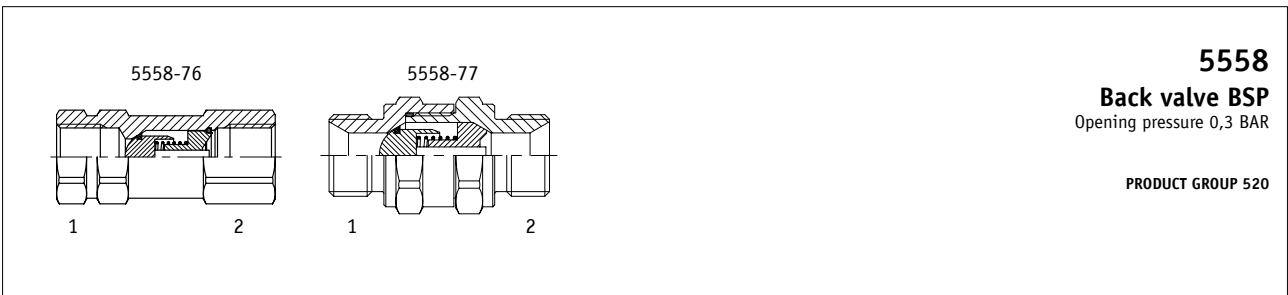


Part number	Thread 1	Material	Thread 2
5T250	G 1/4" FS	Brass	G 3/8" F
5T250RF	G 1/4" FS	Stainless steel	G 3/8" F
5T500	G 1/2" FS	Brass	G 3/4" F
5T500B	G 1/2" FS	Brass	G 1/2" M
5T500RF	G 1/2" FS	Stainless steel	G 3/4" M
5T750	G 3/4" FS	Brass	G 1" F
5T1000*	G 1" FS	Brass	G 1 1/4" F
5T1000RF*	G 1" FS	Stainless steel	G 1 1/4" F

*) WP 20,0 MPa



Part number	Thread 1	Thread 2	Flow l/min.	WP BAR
5554-10-04	G 1/2" M	G 1/4" F	10	350
5554-15-06	G 3/8" M	G 3/8" F	15	350
5554-25-06	G 3/8" M	G 3/8" F	25	350
5554-35-06	G 3/8" M	G 3/8" F	35	350
5554-50-06	G 3/8" M	G 3/8" F	50	350
5554-30-08	G 1/2" M	G 1/2" F	30	350
5554-40-08	G 1/2" M	G 1/2" F	40	350
5554-50-08	G 1/2" M	G 1/2" F	50	350
5554-60-08	G 1/2" M	G 1/2" F	60	350
5554-35-12	G 3/4" M	G 3/4" F	35	350
5554-50-12	G 3/4" M	G 3/4" F	50	350
5554-60-12	G 3/4" M	G 3/4" F	60	350
5554-80-12	G 3/4" M	G 3/4" F	80	350
5554-90-12	G 3/4" M	G 3/4" F	100	350
5554-91-12	G 3/4" M	G 3/4" F	120	350



Part number	Thread 1	Thread 2	WP BAR
5558-76-04	G 1/4" F	G 1/4" F	500
5558-76-06	G 3/8" F	G 3/8" F	300
5558-76-08	G 1/2" F	G 1/2" F	350
5558-76-12	G 3/4" F	G 3/4" F	220
5558-76-16	G 1" F	G 1" F	250
5558-76-20	G 1 1/4" F	G 1 1/4" F	220
5558-76-24	G 1 1/2" F	G 1 1/2" F	200
5558-77-04	G 1/4" M	G 1/4" M	500
5558-77-06	G 3/8" M	G 3/8" M	300
5558-77-08	G 1/2" M	G 1/2" M	350



PIPE CLAMPS

5:70



5:70

HYDROSCAND PIPE CLAMPS

PRODUCT GROUP 570

Hydroscand's pipe clamps are designed as attaching elements for pipes and hoses. Using a Hydroscand clamp when assembling pipes and pipe groups, as well as industrial and hydraulic hoses, and general pipe installations, makes the assembling quick and efficient.

For systems with a lot of vibration, the recommended material is polypropylene with rubber grommet. This is also suitable for attaching electrical cables.

Hydroscand's pipe clamps are made of polypropylene, aluminium, glass fibre reinforced polyamide (flame proofed) and polypropylene with rubber grommet. Weld and sectional plates, screws etc. are available in steel or in stainless steel.

For technical info, see chapter 11.

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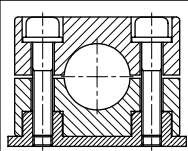


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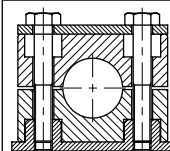


5302
Complete clamp
Polypropylene

PRODUCT GROUP 570

The complete standard clamp series consisting of clamp halves (PLK), welding plate (SP), socket head cap screw (IS) and washer.

Part number	Type	Group	No. bolts	Pipe Ø
5302-01-06	Complete	1	1	6 mm
5302-01-08	Complete	1	1	8 mm
5302-01-10	Complete	1	1	10 mm
5302-01-12	Complete	1	1	12 mm
5302-02-06	Complete	2	2	6 mm
5302-02-08	Complete	2	2	8 mm
5302-02-10	Complete	2	2	10 mm
5302-02-12	Complete	2	2	12 mm
5302-03-14	Complete	3	2	14 mm
5302-03-15	Complete	3	2	15 mm
5302-03-16	Complete	3	2	16 mm
5302-03-18	Complete	3	2	18 mm
5302-04-20	Complete	4	2	20 mm
5302-04-22	Complete	4	2	22 mm
5302-04-23	Complete	4	2	23 mm
5302-04-25	Complete	4	2	25 mm
5302-05-28	Complete	5	2	28 mm
5302-05-30	Complete	5	2	30 mm
5302-05-32	Complete	5	2	32 mm
5302-06-35	Complete	6	2	35 mm
5302-06-38	Complete	6	2	38 mm
5302-06-40	Complete	6	2	40 mm
5302-06-42	Complete	6	2	42 mm
5302-06-45	Complete	6	2	45 mm
5302-07-45	Complete	7	2	45 mm
5302-07-48	Complete	7	2	48 mm
5302-07-50	Complete	7	2	50 mm
5302-07-54	Complete	7	2	54 mm

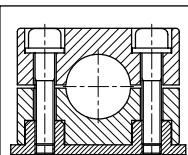


5303
Complete clamp
Polypropylene

PRODUCT GROUP 570

The complete standard clamp series consisting of clamp halves (PLK), welding plate (SP), sectional plate (TP) and hexagon bolt.

Part number	Type	Group	No. bolts	Pipe Ø
5303-01-06	Complete	1	1	6 mm
5303-01-08	Complete	1	1	8 mm
5303-01-10	Complete	1	1	10 mm
5303-01-12	Complete	1	1	12 mm
5303-02-06	Complete	2	2	6 mm
5303-02-08	Complete	2	2	8 mm
5303-02-10	Complete	2	2	10 mm
5303-02-12	Complete	2	2	12 mm
5303-03-14	Complete	3	2	14 mm
5303-03-15	Complete	3	2	15 mm
5303-03-16	Complete	3	2	16 mm
5303-03-18	Complete	3	2	18 mm
5303-04-20	Complete	4	2	20 mm
5303-04-22	Complete	4	2	22 mm
5303-04-23	Complete	4	2	23 mm
5303-04-25	Complete	4	2	25 mm
5303-05-28	Complete	5	2	28 mm
5303-05-29	Complete	5	2	29 mm
5303-05-30	Complete	5	2	30 mm
5303-05-32	Complete	5	2	32 mm
5303-06-35	Complete	6	2	35 mm
5303-06-38	Complete	6	2	38 mm
5303-06-40	Complete	6	2	40 mm
5303-06-42	Complete	6	2	42 mm
5303-06-45	Complete	6	2	45 mm
5303-07-45	Complete	7	2	45 mm
5303-07-48	Complete	7	2	48 mm
5303-07-50	Complete	7	2	50 mm
5303-07-54	Complete	7	2	54 mm

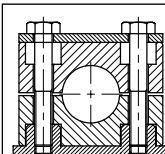


5322
Complete clamp
Aluminium

PRODUCT GROUP 570

The complete standard clamp series consisting of clamp halves (PLK), welding plate (SP), socket head cap screw (IS) and washer.

Part number	Type	Group	No. bolts	Pipe Ø
5322-02-06	Complete	2	2	6 mm
5322-02-08	Complete	2	2	8 mm
5322-02-10	Complete	2	2	10 mm
5322-02-12	Complete	2	2	12 mm
5322-03-14	Complete	3	2	14 mm
5322-03-15	Complete	3	2	15 mm
5322-03-16	Complete	3	2	16 mm
5322-03-18	Complete	3	2	18 mm
5322-04-20	Complete	4	2	20 mm
5322-04-22	Complete	4	2	22 mm
5322-04-23	Complete	4	2	23 mm
5322-04-25	Complete	4	2	25 mm
5322-05-28	Complete	5	2	28 mm
5322-05-30	Complete	5	2	30 mm
5322-05-32	Complete	5	2	32 mm
5322-06-35	Complete	6	2	35 mm
5322-06-38	Complete	6	2	38 mm
5322-06-40	Complete	6	2	40 mm
5322-06-42	Complete	6	2	42 mm
5322-06-45	Complete	6	2	45 mm

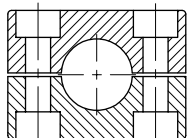


5323
Complete clamp
Aluminium

PRODUCT GROUP 570

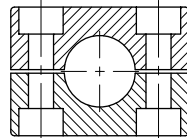
The complete standard clamp series consisting of clamp halves (PLK), welding plate (SP), sectional plate (TP) and hexagon bolt.

Part number	Type	Group	No. bolts	Pipe Ø
5323-02-06	Complete	2	2	6 mm
5323-02-08	Complete	2	2	8 mm
5323-02-10	Complete	2	2	10 mm
5323-02-12	Complete	2	2	12 mm
5323-03-14	Complete	3	2	14 mm
5323-03-15	Complete	3	2	15 mm
5323-03-16	Complete	3	2	16 mm
5323-03-18	Complete	3	2	18 mm
5323-04-20	Complete	4	2	20 mm
5323-04-22	Complete	4	2	22 mm
5323-04-23	Complete	4	2	23 mm
5323-04-25	Complete	4	2	25 mm
5323-05-28	Complete	5	2	28 mm
5323-05-30	Complete	5	2	30 mm
5323-05-32	Complete	5	2	32 mm
5323-06-35	Complete	6	2	35 mm
5323-06-38	Complete	6	2	38 mm
5323-06-40	Complete	6	2	40 mm
5323-06-42	Complete	6	2	42 mm
5323-06-45	Complete	6	2	45 mm



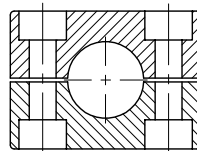
5390-0
Clamps
Polypropylene
Standard series
PRODUCT GROUP 570

Part number	Type	Group	No. bolts	Pipe Ø
5390-01-06	PLK	1	1	6 mm
5390-01-08	PLK	1	1	8 mm
5390-01-10	PLK	1	1	10 mm
5390-01-12	PLK	1	1	12 mm
5390-02-06	PLK	2	2	6 mm
5390-02-08	PLK	2	2	8 mm
5390-02-10	PLK	2	2	10 mm
5390-02-12	PLK	2	2	12 mm
5390-03-14	PLK	3	2	14 mm
5390-03-15	PLK	3	2	15 mm
5390-03-16	PLK	3	2	16 mm
5390-03-18	PLK	3	2	18 mm
5390-03-127	PLK	3	2	(1/2") 12,7 mm
5390-03-172	PLK	3	2	(3/8") 17,2 mm
5390-04-19	PLK	4	2	19 mm
5390-04-20	PLK	4	2	20 mm
5390-04-22	PLK	4	2	22 mm
5390-04-23	PLK	4	2	23 mm
5390-04-25	PLK	4	2	25 mm
5390-04-213	PLK	4	2	(1/2") 21,3 mm
5390-05-28	PLK	5	2	28 mm
5390-05-30	PLK	5	2	30 mm
5390-05-32	PLK	5	2	32 mm
5390-05-269	PLK	5	2	(3/4") 26,9 mm
5390-06-32	PLK	6	2	32 mm
5390-06-35	PLK	6	2	35 mm
5390-06-38	PLK	6	2	38 mm
5390-06-40	PLK	6	2	40 mm
5390-06-42	PLK	6	2	42 mm
5390-06-45	PLK	6	2	45 mm
5390-06-337	PLK	6	2	(1") 33,7 mm
5390-07-45	PLK	7	2	45 mm
5390-07-48	PLK	7	2	48 mm
5390-07-50	PLK	7	2	50 mm
5390-07-54	PLK	7	2	54 mm



5390-6
Clamps
Polyamide self-extinguishing
Standard series
PRODUCT GROUP 570

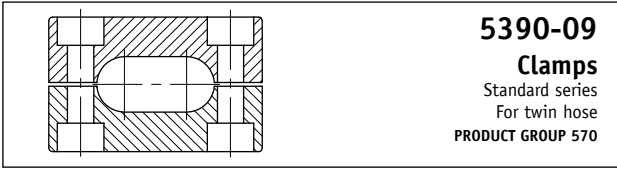
Part number	Type	Group	No. bolts	Pipe Ø
5390-61-06	PLK	1	1	6 mm
5390-61-08	PLK	1	1	8 mm
5390-61-10	PLK	1	1	10 mm
5390-61-12	PLK	1	1	12 mm
5390-62-06	PLK	2	2	6 mm
5390-62-08	PLK	2	2	8 mm
5390-62-10	PLK	2	2	10 mm
5390-62-12	PLK	2	2	12 mm
5390-63-14	PLK	3	2	14 mm
5390-63-15	PLK	3	2	15 mm
5390-63-16	PLK	3	2	16 mm
5390-63-18	PLK	3	2	18 mm
5390-64-20	PLK	4	2	20 mm
5390-64-22	PLK	4	2	22 mm
5390-64-23	PLK	4	2	23 mm
5390-64-25	PLK	4	2	25 mm
5390-65-28	PLK	5	2	28 mm
5390-65-30	PLK	5	2	30 mm
5390-65-32	PLK	5	2	32 mm
5390-66-20	PLK	6	2	20 mm
5390-66-32	PLK	6	2	32 mm
5390-66-35	PLK	6	2	35 mm
5390-66-38	PLK	6	2	38 mm
5390-66-40	PLK	6	2	40 mm
5390-66-42	PLK	6	2	42 mm
5390-67-45	PLK	7	2	45 mm
5390-67-48	PLK	7	2	48 mm
5390-67-50	PLK	7	2	50 mm
5390-67-54	PLK	7	2	54 mm



5390-2
Clamps
Aluminium
Standard series
PRODUCT GROUP 570

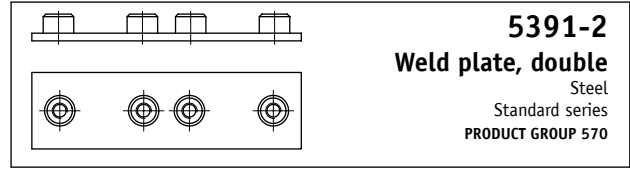
Part number	Type	Group	No. bolts	Pipe Ø
5390-22-06	ALK	2	2	6 mm
5390-22-635	ALK	2	2	(1/4") 6,35 mm
5390-22-08	ALK	2	2	8 mm
5390-22-10	ALK	2	2	10 mm
5390-22-12	ALK	2	2	12 mm
5390-23-14	ALK	3	2	14 mm
5390-23-15	ALK	3	2	15 mm
5390-23-16	ALK	3	2	16 mm
5390-23-18	ALK	3	2	18 mm
5390-23-172	ALK	3	2	(3/8") 17,2 mm
5390-24-20	ALK	4	2	20 mm
5390-24-22	ALK	4	2	22 mm
5390-24-23	ALK	4	2	23 mm
5390-24-25	ALK	4	2	25 mm
5390-24-213	ALK	4	2	(1/2") 21,3 mm
5390-25-28	ALK	5	2	28 mm
5390-25-30	ALK	5	2	30 mm
5390-25-32	ALK	5	2	32 mm
5390-25-269	ALK	5	2	(3/4") 26,9 mm
5390-26-35	ALK	6	2	35 mm
5390-26-38	ALK	6	2	38 mm
5390-26-40	ALK	6	2	40 mm
5390-26-42	ALK	6	2	42 mm
5390-26-45	ALK	6	2	45 mm
5390-26-337	ALK	6	2	(1") 33,7 mm
5390-27-48	ALK	7	2	48 mm
5390-27-50	ALK	7	2	50 mm





5390-09
Clamps
 Standard series
 For twin hose
PRODUCT GROUP 570

Part number	Type	Group	Hose OD
5390-09-12	PLTVK	4	12 mm
5390-09-14	PLTVK	5	14 mm
5390-09-16	PLTVK	5	16 mm
5390-09-20	PLTVK	6	20 mm



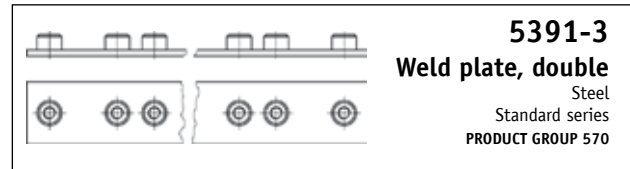
5391-2
Weld plate, double
 Steel
 Standard series
PRODUCT GROUP 570

Part number	Type	Group
5391-22-02	SPD	2
5391-23-02	SPD	3
5391-24-02	SPD	4
5391-25-02	SPD	5
5391-26-02	SPD	6



5391-0
Weld plate, normal
 Steel
 Standard series
PRODUCT GROUP 570

Part number	Type	Group
5391-01-01	SP	1
5391-02-01	SP	2
5391-03-01	SP	3
5391-04-01	SP	4
5391-05-01	SP	5
5391-06-01	SP	6
5391-07-01	SP	7
5391-08-01	SP	8
5391-09-01	SP	9



5391-3
Weld plate, double
 Steel
 Standard series
PRODUCT GROUP 570

Part number	Type	No. clamps	Group
5391-31-10	RSP	10	1
5391-32-10	RSP	10	2
5391-33-10	RSP	10	3
5391-34-10	RSP	10	4
5391-35-05	RSP	5	5
5391-36-05	RSP	5	6



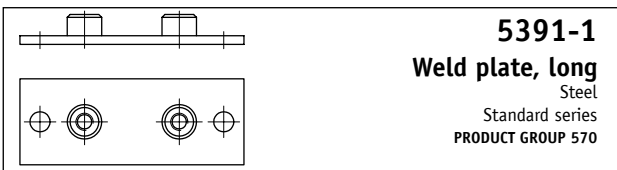
5391-B
Weld plate
 No surface treatment steel
 Standard series
PRODUCT GROUP 570

Part number	Type	Group
5391-02-01B	SP	2
5391-03-01B	SP	3
5391-04-01B	SP	4
5391-05-01B	SP	5
5391-06-01B	SP	6
5391-07-01B	SP	7



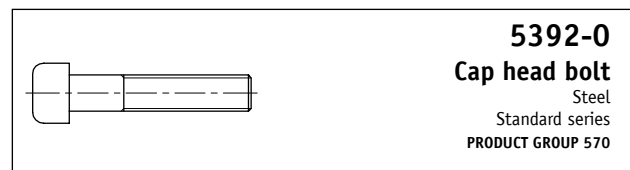
5391-7
Sectional plate
 Steel
 Standard series
PRODUCT GROUP 570

Part number	Type	Group
5391-71-01	TP	1
5391-72-01	TP	2
5391-73-01	TP	3
5391-74-01	TP	4
5391-75-01	TP	5
5391-76-01	TP	6
5391-77-01	TP	7
5391-78-01	TP	8
5391-79-01	TP	9



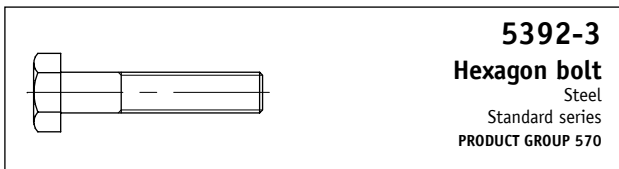
5391-1
Weld plate, long
 Steel
 Standard series
PRODUCT GROUP 570

Part number	Type	Group
5391-11-01	SP-Long	1
5391-12-01	SP-Long	2
5391-13-01	SP-Long	3
5391-14-01	SP-Long	4
5391-15-01	SP-Long	5
5391-16-01	SP-Long	6
5391-17-01	SP-Long	7



5392-0
Cap head bolt
 Steel
 Standard series
PRODUCT GROUP 570

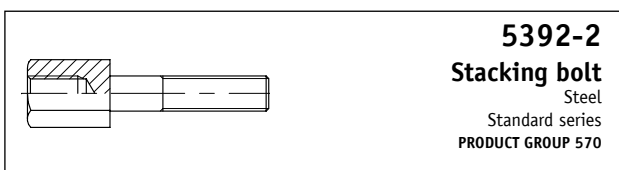
Part number	Type	Thread	Length	Group
5392-01-22	IS	M6	22	1, 2
5392-03-25	IS	M6	25	3
5392-03-28	IS	M6	28	3
5392-04-30	IS	M6	30	4
5392-05-35	IS	M6	35	5
5392-05-40	IS	M6	40	5
5392-06-50	IS	M6	50	6
5392-07-60	IS	M6	60	7
5393-00-01	Washer	M6		



5392-3
Hexagon bolt
 Steel
 Standard series
 PRODUCT GROUP 570

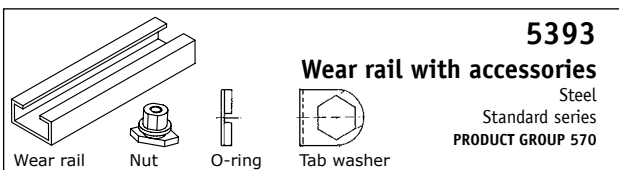
Part number	Type	Thread	Length	Group
5392-31-30	SKB	M6	30	2
5392-33-35	SKB	M6	35	3
5392-34-40	SKB	M6	40	4
5392-35-45	SKB	M6	45	5
5392-35-50*	SKB	M6	50	5
5392-36-60	SKB	M6	60	6
5392-37-70	SKB	M6	70	7
5392-37-75	SKB	M6	75	7
5392-38-10	SKB	M6	100	8

* Not for welding plate M6 x 50



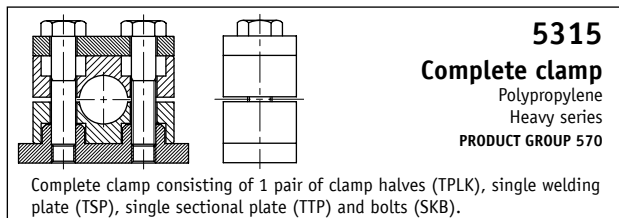
5392-2
Stacking bolt
 Steel
 Standard series
 PRODUCT GROUP 570

Part number	Type	Thread	Length	Group
5392-21-22	PBS	M6	22	1, 2
5392-23-28	PBS	M6	28	3
5392-24-30	PBS	M6	30	4
5392-25-40	PBS	M6	40	5
5392-26-50	PBS	M6	50	6



5393
Wear rail with accessories
 Steel
 Standard series
 PRODUCT GROUP 570

Artikelnr.	Typ
5393-00-02	Nut M6 incl. O-ring
5393-00-03	O-ring for nut for wear rail
5393-00-05	Wear rail for standard series 2 mtr 14x28
5393-00-04	Tab washer for stacking bolt

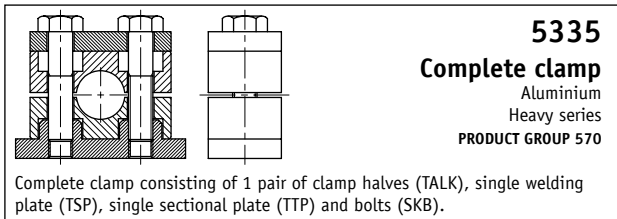


5315
Complete clamp
 Polypropylene
 Heavy series
 PRODUCT GROUP 570

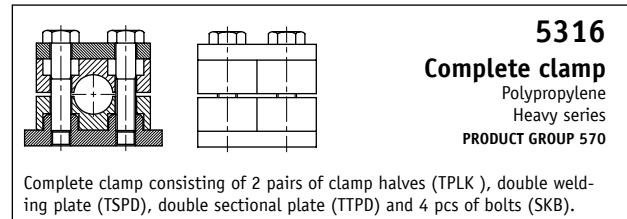
Complete clamp consisting of 1 pair of clamp halves (TPLK), single welding plate (TSP), single sectional plate (TTP) and bolts (SKB).

Part number	Type	Group	Pipe Ø
5315-01-08	TSPP	1	8 mm
5315-01-10	TSPP	1	10 mm
5315-01-12	TSPP	1	12 mm
5315-01-14	TSPP	1	14 mm
5315-01-15	TSPP	1	15 mm
5315-01-16	TSPP	1	16 mm
5315-01-18	TSPP	1	18 mm
5315-01-20	TSPP	1	20 mm
5315-02-20	TSPP	2	20 mm
5315-02-22	TSPP	2	22 mm
5315-02-25	TSPP	2	25 mm
5315-02-28	TSPP	2	28 mm
5315-02-30	TSPP	2	30 mm
5315-03-30	TSPP	3	30 mm
5315-03-32	TSPP	3	32 mm
5315-03-33	TSPP	3	33 mm
5315-03-35	TSPP	3	35 mm
5315-03-36	TSPP	3	36 mm
5315-03-38	TSPP	3	38 mm
5315-03-40	TSPP	3	40 mm
5315-03-42	TSPP	3	42 mm
5315-03-45	TSPP	3	45 mm
5315-04-38	TSPP	4	38 mm
5315-04-40	TSPP	4	40 mm
5315-04-42	TSPP	4	42 mm
5315-04-45	TSPP	4	45 mm
5315-04-48	TSPP	4	48 mm
5315-04-50	TSPP	4	50 mm
5315-04-53	TSPP	4	53 mm
5315-04-56	TSPP	4	56 mm
5315-04-60	TSPP	4	60 mm
5315-04-63	TSPP	4	63 mm
5315-04-65	TSPP	4	65 mm
5315-04-70	TSPP	4	70 mm
5315-05-73	TSPP	5	73 mm
5315-05-80	TSPP	5	80 mm
5315-05-90	TSPP	5	90 mm

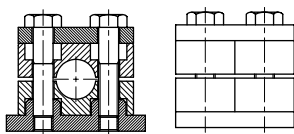




Part number	Type	Group	Pipe Ø
5335-01-06	TSPA	1	6 mm
5335-01-08	TSPA	1	8 mm
5335-01-10	TSPA	1	10 mm
5335-01-12	TSPA	1	12 mm
5335-01-15	TSPA	1	15 mm
5335-01-16	TSPA	1	16 mm
5335-01-18	TSPA	1	18 mm
5335-01-20	TSPA	1	20 mm
5335-02-20	TSPA	2	20 mm
5335-02-22	TSPA	2	22 mm
5335-02-25	TSPA	2	25 mm
5335-02-28	TSPA	2	28 mm
5335-02-30	TSPA	2	30 mm
5335-03-32	TSPA	3	32 mm
5335-03-33	TSPA	3	33 mm
5335-03-35	TSPA	3	35 mm
5335-03-36	TSPA	3	36 mm
5335-03-38	TSPA	3	38 mm
5335-03-40	TSPA	3	40 mm
5335-03-42	TSPA	3	42 mm
5335-03-45	TSPA	3	45 mm
5335-04-42	TSPA	4	42 mm
5335-04-48	TSPA	4	48 mm
5335-04-50	TSPA	4	50 mm
5335-04-56	TSPA	4	56 mm
5335-04-60	TSPA	4	60 mm
5335-04-63	TSPA	4	63 mm
5335-04-70	TSPA	4	70 mm
5335-05-65	TSPA	5	65 mm
5335-05-76	TSPA	5	76 mm
5335-05-90	TSPA	5	90 mm



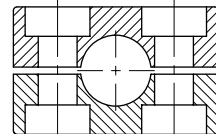
Part number	Type	Group	Pipe Ø
5316-01-08	TSPDP	1	8 mm
5316-01-10	TSPDP	1	10 mm
5316-01-12	TSPDP	1	12 mm
5316-01-14	TSPDP	1	14 mm
5316-01-15	TSPDP	1	15 mm
5316-01-16	TSPDP	1	16 mm
5316-01-18	TSPDP	1	18 mm
5316-01-20	TSPDP	1	20 mm
5316-02-22	TSPDP	2	22 mm
5316-02-25	TSPDP	2	25 mm
5316-02-28	TSPDP	2	28 mm
5316-02-30	TSPDP	2	30 mm
5316-03-32	TSPDP	3	32 mm
5316-03-33	TSPDP	3	33 mm
5316-03-35	TSPDP	3	35 mm
5316-03-36	TSPDP	3	36 mm
5316-03-38	TSPDP	3	38 mm
5316-03-40	TSPDP	3	40 mm
5316-03-42	TSPDP	3	42 mm
5316-03-45	TSPDP	3	45 mm
5316-04-38	TSPDP	4	38 mm
5316-04-40	TSPDP	4	40 mm
5316-04-42	TSPDP	4	42 mm
5316-04-45	TSPDP	4	45 mm
5316-04-48	TSPDP	4	48 mm
5316-04-50	TSPDP	4	50 mm
5316-04-53	TSPDP	4	53 mm
5316-04-56	TSPDP	4	56 mm
5316-04-60	TSPDP	4	60 mm
5316-04-63	TSPDP	4	63 mm
5316-04-65	TSPDP	4	65 mm
5316-04-70	TSPDP	4	70 mm
5316-05-73	TSPDP	5	73 mm
5316-05-80	TSPDP	5	80 mm
5316-05-90	TSPDP	5	90 mm



5336
Complete clamp
 Aluminium
 Heavy series
PRODUCT GROUP 570

Complete clamp consisting of 2 pairs of clamp halves (TALK.), double welding plate (TSPD), double sectional plate (TTPD) and 4 pcs of bolts (SKB).

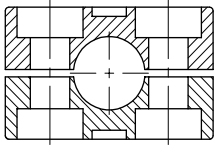
Part number	Type	Group	Pipe Ø
5336-01-06	TSPDA	1	6 mm
5336-01-08	TSPDA	1	8 mm
5336-01-10	TSPDA	1	10 mm
5336-01-12	TSPDA	1	12 mm
5336-01-15	TSPDA	1	15 mm
5336-01-16	TSPDA	1	16 mm
5336-01-18	TSPDA	1	18 mm
5336-01-20	TSPDA	1	20 mm
5336-02-20	TSPDA	2	20 mm
5336-02-22	TSPDA	2	22 mm
5336-02-25	TSPDA	2	25 mm
5336-02-28	TSPDA	2	28 mm
5336-02-30	TSPDA	2	30 mm
5336-03-32	TSPDA	3	32 mm
5336-03-33	TSPDA	3	33 mm
5336-03-35	TSPDA	3	35 mm
5336-03-36	TSPDA	3	36 mm
5336-03-38	TSPDA	3	38 mm
5336-03-40	TSPDA	3	40 mm
5336-03-42	TSPDA	3	42 mm
5336-03-45	TSPDA	3	45 mm
5336-04-42	TSPDA	4	42 mm
5336-04-48	TSPDA	4	48 mm
5336-04-50	TSPDA	4	50 mm
5336-04-56	TSPDA	4	56 mm
5336-04-60	TSPDA	4	60 mm
5336-04-63	TSPDA	4	63 mm
5336-04-65	TSPDA	4	65 mm
5336-04-70	TSPDA	4	70 mm
5336-05-65	TSPDA	5	65 mm
5336-05-76	TSPDA	5	76 mm
5336-05-90	TSPDA	5	90 mm



5390-1
Clamps
 Polypropylene
 Heavy series
PRODUCT GROUP 570

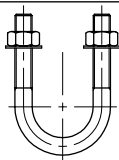
Part number	Type	Group	Pipe Ø
5390-11-08	TPLK	1	8 mm
5390-11-10	TPLK	1	10 mm
5390-11-12	TPLK	1	12 mm
5390-11-14	TPLK	1	14 mm
5390-11-15	TPLK	1	15 mm
5390-11-16	TPLK	1	16 mm
5390-11-18	TPLK	1	18 mm
5390-11-20	TPLK	1	20 mm
5390-12-20	TPLK	2	20 mm
5390-12-22	TPLK	2	22 mm
5390-12-25	TPLK	2	25 mm
5390-12-28	TPLK	2	28 mm
5390-12-30	TPLK	2	30 mm
5390-12-269	TPLK	2	(3/4") 26,9 mm
5390-13-30	TPLK	3	30 mm
5390-13-32	TPLK	3	32 mm
5390-13-33	TPLK	3	33 mm
5390-13-35	TPLK	3	35 mm
5390-13-36	TPLK	3	36 mm
5390-13-38	TPLK	3	38 mm
5390-13-40	TPLK	3	40 mm
5390-13-42	TPLK	3	42 mm
5390-13-45	TPLK	3	45 mm
5390-14-38	TPLK	4	38 mm
5390-14-40	TPLK	4	40 mm
5390-14-42	TPLK	4	42 mm
5390-14-45	TPLK	4	45 mm
5390-14-50	TPLK	4	50 mm
5390-14-53	TPLK	4	53 mm
5390-14-54	TPLK	4	54 mm
5390-14-56	TPLK	4	56 mm
5390-14-57	TPLK	4	57 mm
5390-14-60	TPLK	4	60 mm
5390-14-63	TPLK	4	63 mm
5390-14-65	TPLK	4	65 mm
5390-14-70	TPLK	4	70 mm
5390-14-483	TPLK	4	(1 1/2") 48,3 mm
5390-15-73	TPLK	5	73 mm
5390-15-76	TPLK	5	76 mm
5390-15-80	TPLK	5	80 mm
5390-15-88	TPLK	5	88 mm
5390-15-90	TPLK	5	90 mm
5390-16-100	TPLK	6	100 mm





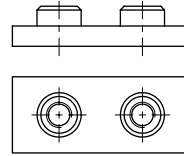
5390-3
Clamps
Aluminium
Heavy series
PRODUCT GROUP 570

Part number	Type	Group	Pipe Ø
5390-31-06	TALK	1	6,0 mm
5390-31-08	TALK	1	8,0 mm
5390-31-10	TALK	1	10,0 mm
5390-31-12	TALK	1	12,0 mm
5390-31-15	TALK	1	15,0 mm
5390-31-16	TALK	1	16,0 mm
5390-31-18	TALK	1	18,0 mm
5390-31-20	TALK	1	20,0 mm
5390-32-20	TALK	2	20,0 mm
5390-32-22	TALK	2	22,0 mm
5390-32-25	TALK	2	25,0 mm
5390-32-28	TALK	2	28,0 mm
5390-32-30	TALK	2	30,0 mm
5390-33-32	TALK	3	32,0 mm
5390-33-33	TALK	3	(1") 33,7 mm
5390-33-35	TALK	3	35,0 mm
5390-33-36	TALK	3	36,0 mm
5390-33-38	TALK	3	38,0 mm
5390-33-40	TALK	3	40,0 mm
5390-33-42	TALK	3	(1 1/4") 42,4 mm
5390-33-45	TALK	3	45,0 mm
5390-34-48	TALK	4	(1 1/2") 48,3 mm
5390-34-50	TALK	4	50,0 mm
5390-34-56	TALK	4	56,0 mm
5390-34-60	TALK	4	(2") 60,3 mm
5390-34-63	TALK	4	63,0 mm
5390-34-70	TALK	4	70,0 mm
5390-35-65	TALK	5	65,0 mm
5390-35-66	TALK	5	66 mm
5390-35-70	TALK	5	70 mm
5390-35-76	TALK	5	(2 1/2") 76,0 mm
5390-35-889	TALK	5	(3") 88,9 mm
5390-35-90	TALK	5	90,0 mm



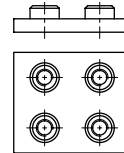
5355
U-clamps
CM - Medium heavy series
CP - Heavy series
PRODUCT GROUP 570

Part number	Description	Pipe Ø	OD mm	Thread
5355-08-08	CM	1/2"	22	M 8
5355-08-12	CM	3/4"	27	M 8
5355-08-16	CM	1"	34	M 8
5355-10-08	CP	1/2"	22	M 10
5355-10-12	CP	3/4"	27	M 10
5355-10-16	CP	1"	34	M 10
5355-12-24	CP	1 1/2"	49	M 12
5355-12-32	CP	2"	61	M 12
5355-12-40	CP	2 1/2"	77	M 12
5355-12-48	CP	3"	89	M 12
5355-16-64	CP	4"	115	M 16
5355-16-96	CP	6"	168	M 16



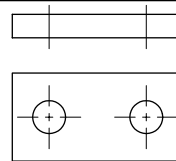
5391-4
Weld plate, single
Steel
Heavy series
PRODUCT GROUP 570

Part number	Type	Group
5391-41-01	TSP	1
5391-42-01	TSP	2
5391-43-01	TSP	3
5391-44-01	TSP	4
5391-45-01	TSP	5
5391-46-01	TSP	6
5391-47-01	TSP	7



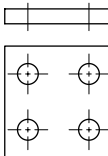
5391-5
Weld plate, double
Steel
Heavy series
PRODUCT GROUP 570

Part number	Type	Group
5391-51-20	TSPD	1
5391-52-20	TSPD	2
5391-53-20	TSPD	3
5391-54-20	TSPD	4
5391-55-20	TSPD	5



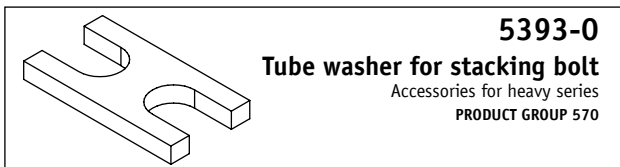
5391-8
Sectional plate, single
Steel
Heavy series
PRODUCT GROUP 570

Part number	Type	Group
5391-81-01	TTP	1
5391-82-01	TTP	2
5391-83-01	TTP	3
5391-84-01	TTP	4
5391-85-01	TTP	5
5391-86-01	TTP	6
5391-87-01	TTP	7



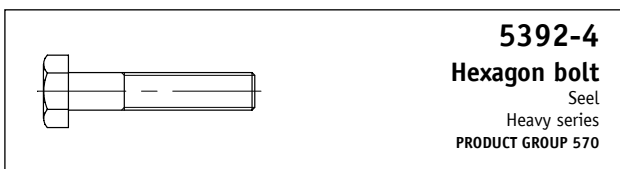
5391-9
Sectional plate, double
Steel
Heavy series
PRODUCT GROUP 570

Part number	Type	Group
5391-91-20	TTPD	1
5391-92-20	TTPD	2
5391-93-20	TTPD	3
5391-94-20	TTPD	4
5391-95-20	TTPD	5



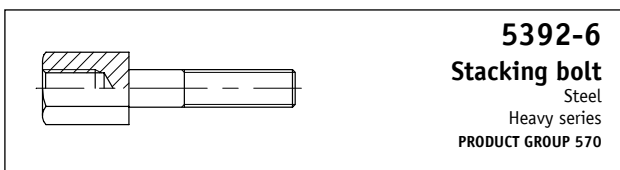
5393-0
Tube washer for stacking bolt
 Accessories for heavy series
 PRODUCT GROUP 570

Part number	Description	Group
5393-00-11	SB-CP	1
5393-00-12	SB-CP	2
5393-00-13	SB-CP	3
5393-00-14	SB-CP	4
5393-00-15	SB-CP	5



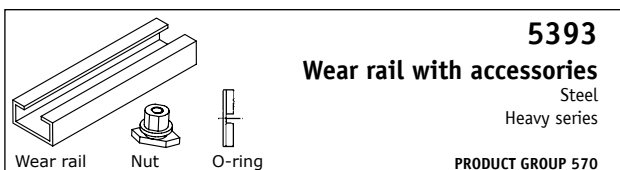
5392-4
Hexagon bolt
 Steel
 Heavy series
 PRODUCT GROUP 570

Part number	Type	Thread	Length	Group
5392-41-45	SKB	M 10	45 mm	1
5392-42-60	SKB	M 10	60 mm	2
5392-43-75	SKB	M 10	75 mm	3
5392-44-11	SKB	M 12	100 mm	4
5392-45-13	SKB	M 16	130 mm	5
5392-46-19	SKB	M 20	190 mm	6
5392-47-22	SKB	M 20	220 mm	7



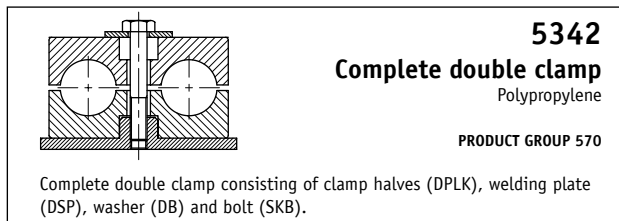
5392-6
Stacking bolt
 Steel
 Heavy series
 PRODUCT GROUP 570

Part number	Type	Thread	Length	Group
5392-61-49	PBS	M 10	49 mm	1
5392-62-60	PBS	M 10	65 mm	2
5392-63-75	PBS	M 10	75 mm	3
5392-64-11	PBS	M 12	108 mm	4
5392-65-13	PBS	M 16	139 mm	5



5393
Wear rail with accessories
 Steel
 Heavy series
 PRODUCT GROUP 570

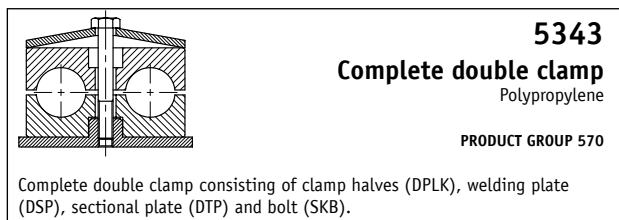
Part number	Type
5393-10-03	O-ring for nut for wear rail
5393-10-05	Wear rail for heavy series 2 mtr 40x22 mm
5393-10-08	Nut M8
5393-10-10	Nut M10
5393-10-12	Nut M12



5342
Complete double clamp
 Polypropylene
 PRODUCT GROUP 570

Complete double clamp consisting of clamp halves (DPLK), welding plate (DSP), washer (DB) and bolt (SKB).

Part number	Type	Group	Pipe Ø
5342-01-06	DSP-DB	1	6 mm
5342-01-08	DSP-DB	1	8 mm
5342-01-10	DSP-DB	1	10 mm
5342-01-12	DSP-DB	1	12 mm
5342-02-14	DSP-DB	2	14 mm
5342-02-15	DSP-DB	2	15 mm
5342-02-16	DSP-DB	2	16 mm
5342-02-18	DSP-DB	2	18 mm
5342-03-20	DSP-DB	3	20 mm
5342-03-22	DSP-DB	3	22 mm
5342-03-25	DSP-DB	3	25 mm
5342-04-26	DSP-DB	4	26 mm
5342-04-28	DSP-DB	4	28 mm
5342-04-30	DSP-DB	4	30 mm
5342-05-35	DSP-DB	5	35 mm
5342-05-38	DSP-DB	5	38 mm
5342-05-42	DSP-DB	5	42 mm

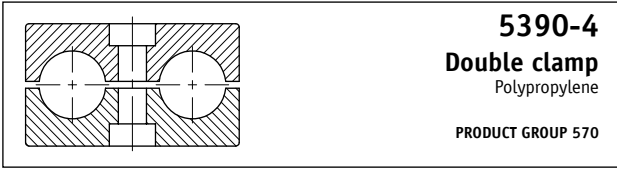


5343
Complete double clamp
 Polypropylene
 PRODUCT GROUP 570

Complete double clamp consisting of clamp halves (DPLK), welding plate (DSP), sectional plate (DTP) and bolt (SKB).

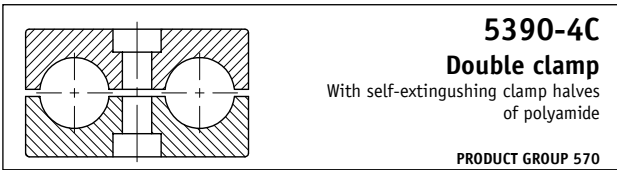
Part number	Type	Group	Pipe Ø
5343-01-06	DSP-DTP	1	6 mm
5343-01-08	DSP-DTP	1	8 mm
5343-01-10	DSP-DTP	1	10 mm
5343-01-12	DSP-DTP	1	12 mm
5343-02-14	DSP-DTP	2	14 mm
5343-02-15	DSP-DTP	2	15 mm
5343-02-16	DSP-DTP	2	16 mm
5343-02-18	DSP-DTP	2	18 mm
5343-03-20	DSP-DTP	3	20 mm
5343-03-22	DSP-DTP	3	22 mm
5343-03-25	DSP-DTP	3	25 mm
5343-04-26	DSP-DTP	4	26 mm
5343-04-28	DSP-DTP	4	28 mm
5343-04-30	DSP-DTP	4	30 mm
5343-05-35	DSP-DTP	5	35 mm
5343-05-38	DSP-DTP	5	38 mm
5343-05-42	DSP-DTP	5	42 mm





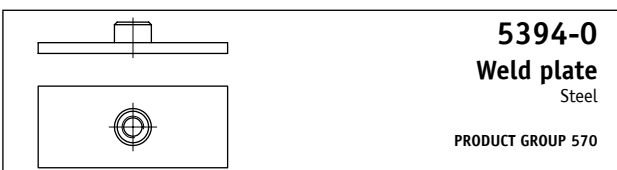
5390-4
Double clamp
 Polypropylene
 PRODUCT GROUP 570

Part number	Type	Group	Pipe Ø
5390-41-06	DPLK	1	6 mm
5390-41-08	DPLK	1	8 mm
5390-41-10	DPLK	1	10 mm
5390-41-12	DPLK	1	12 mm
5390-41-952	DPLK	1	(3/8") 9,52 mm
5390-42-14	DPLK	2	14 mm
5390-42-15	DPLK	2	15 mm
5390-42-16	DPLK	2	16 mm
5390-42-18	DPLK	2	18 mm
5390-42-135	DPLK	2	(1/4") 13,5 mm
5390-42-172	DPLK	2	(3/8") 17,2 mm
5390-43-19	DPLK	3	19 mm
5390-43-20	DPLK	3	20 mm
5390-43-22	DPLK	3	22 mm
5390-43-23	DPLK	3	23 mm
5390-43-25	DPLK	3	25 mm
5390-44-26	DPLK	4	26 mm
5390-44-28	DPLK	4	28 mm
5390-44-30	DPLK	4	30 mm
5390-45-33	DPLK	5	33 mm
5390-45-35	DPLK	5	35 mm
5390-45-38	DPLK	5	38 mm
5390-45-40	DPLK	5	40 mm
5390-45-42	DPLK	5	42 mm



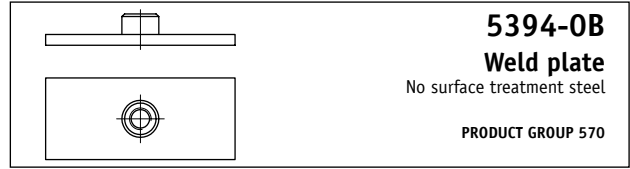
5390-4C
Double clamp
 With self-extinguishing clamp halves
 of polyamide
 PRODUCT GROUP 570

Part number	Type	Group	Pipe Ø
5390-41-06C	DPLK	1	6 mm
5390-41-08C	DPLK	1	8 mm
5390-41-10C	DPLK	1	10 mm
5390-41-12C	DPLK	1	12 mm
5390-42-14C	DPLK	2	14 mm
5390-42-16C	DPLK	2	16 mm
5390-42-18C	DPLK	2	18 mm
5390-43-20C	DPLK	3	20 mm
5390-43-22C	DPLK	3	22 mm
5390-43-23C	DPLK	3	23 mm
5390-43-25C	DPLK	3	25 mm
5390-44-26C	DPLK	4	26 mm
5390-44-28C	DPLK	4	28 mm
5390-44-30C	DPLK	4	30 mm
5390-45-33C	DPLK	5	33 mm
5390-45-35C	DPLK	5	35 mm
5390-45-38C	DPLK	5	38 mm
5390-45-40C	DPLK	5	40 mm
5390-45-42C	DPLK	5	42 mm



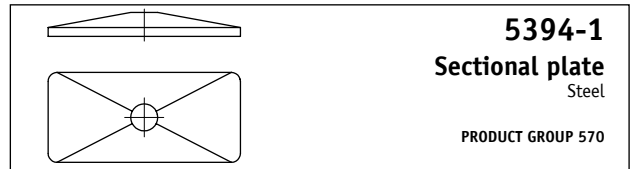
5394-0
Weld plate
 Steel
 PRODUCT GROUP 570

Part number	Type	Group
5394-01-01	DSP2	1
5394-02-01	DSP2	2
5394-03-01	DSP2	3
5394-04-01	DSP2	4
5394-05-01	DSP2	5



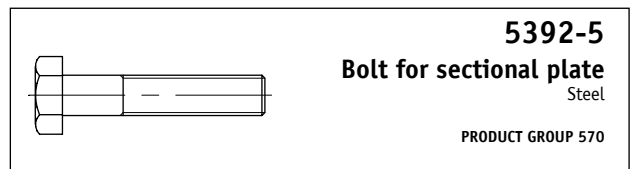
5394-0B
Weld plate
 No surface treatment steel
 PRODUCT GROUP 570

Part number	Type	Group
5394-01-01B	DSP2	1
5394-02-01B	DSP2	2
5394-03-01B	DSP2	3
5394-04-01B	DSP2	4
5394-05-01B	DSP2	5



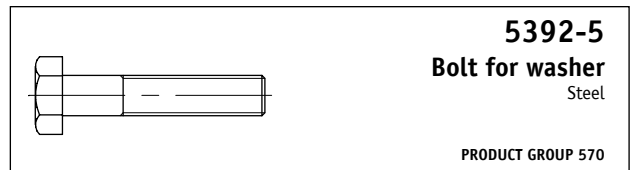
5394-1
Sectional plate
 Steel
 PRODUCT GROUP 570

Part number	Type	Group
5394-11-01	DTP2	1
5394-12-01	DTP2	2
5394-13-01	DTP2	3
5394-14-01	DTP2	4
5394-15-01	DTP2	5



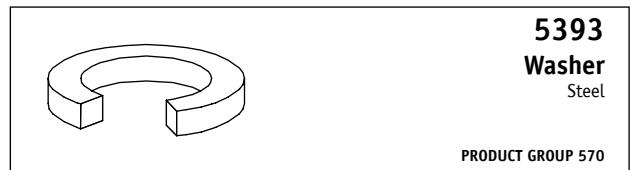
5392-5
Bolt for sectional plate
 Steel
 PRODUCT GROUP 570

Part number	Description	Thread	Length	Group
5392-51-35	SKB	M6	35 mm	1
5392-52-35	SKB	M8	35 mm	2
5392-53-45	SKB	M8	45 mm	3
5392-54-50	SKB	M8	50 mm	4
5392-55-60	SKB	M8	60 mm	5



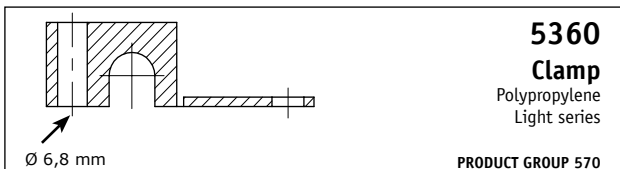
5392-5
Bolt for washer
 Steel
 PRODUCT GROUP 570

Part number	Description	Thread	Length	Group
5392-51-30	SKB	M6	30 mm	1
5392-52-30	SKB	M8	30 mm	2
5392-53-40	SKB	M8	40 mm	3
5392-54-45	SKB	M8	45 mm	4
5392-55-55	SKB	M8	55 mm	5



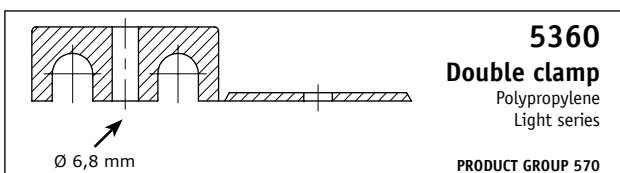
5393
Washer
 Steel
 PRODUCT GROUP 570

Part number	Type	Thread	Group
5393-00-06	DB 2	M6	1
5393-00-08	DB 2	M8	2-5



Part number	Type	Pipe Ø
5360-00-04	LKE	4 mm
5360-00-06	LKE	6 mm
5360-00-08	LKE	8 mm
5360-00-10	LKE	10 mm
5360-00-12	LKE	12 mm
5360-00-15	LKE	15 mm
5360-00-18	LKE	18 mm
5360-00-22	LKE	22 mm

Single clamp for compressed air installations, motor car-, machine and engineering industries, control- and regulation technology as well as plumbing and electrical installations. Polypropylene design. Easy to assemble. Elastic, vibration- and sound absorptive.



Part number	Type	Pipe Ø
5360-04-04	LKD	4 mm
5360-06-06	LKD	6 mm
5360-06-08	LKD	6-8 mm
5360-08-08	LKD	8 mm
5360-10-10	LKD	10 mm
5360-10-15	LKD	10-15 mm
5360-12-12	LKD	12 mm
5360-12-15	LKD	12-15 mm
5360-15-15	LKD	15 mm
5360-18-18	LKD	18 mm
5360-22-22	LKD	22 mm

Double clamp for compressed air installations, motor car-, machine and engineering industries, control- and regulation technology as well as plumbing and electrical installations. Polypropylene design. Easy to assemble. Elastic, vibration- and sound absorptive.

Table for pipe dimension

INCH PIPE		INSTRUMENT PIPE	
Inch	MM	Inch	MM
1/8"	10,00	1/4"	6,35
1/4"	13,25	5/16"	7,89
3/8"	16,75	3/8"	9,52
1/2"	21,25	1/2"	12,70
3/4"	26,75	5/8"	15,87
1"	33,50	3/4"	19,05
1 1/4"	42,25	7/8"	22,22
1 1/2"	48,25	1"	25,40
1 3/4"	53,74	1 1/4"	31,75
2"	60,00	1 1/2"	38,10
2 1/4"	66,00	1 3/4"	44,45
2 1/2"	75,50	2"	50,80
3"	88,25	2 1/4"	57,20
3 1/2"	101,00	2 1/2"	63,50
4"	113,50	2 3/4"	70,0
4 1/2"	126,50	3"	76,20
5"	139,00	3 1/2"	88,90
6"	168,00	4"	101,60
8"	219,00	4 1/2"	114,30
		5"	127,00
		5 1/4"	133,00
		6"	152,00
		8"	203,00



**CUTTING RING
FITTINGS**

6



6

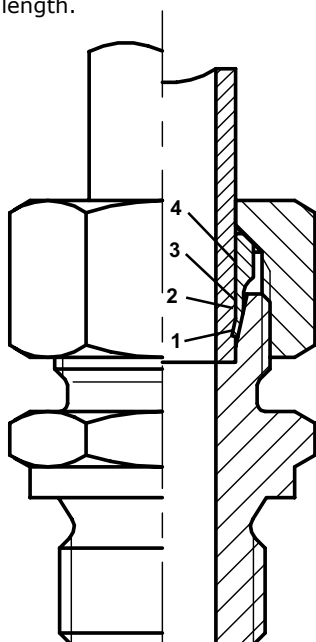
HYDROSCAND CUTTING RING FITTINGS

PRODUCT GROUP 600

Hydroscand's cutting ring fittings are used for tubing, mainly in hydraulic and pneumatic applications. Hydroscand can also offer a stainless steel cutting ring fitting designed for aggressive media and surroundings. Working pressure/PN up to 63 MPa/630 Bar, for male pipes of 4–42 mm diameter. Pressure ratings according to ISO 8434-1.

Cutting ring fittings are characterised by a very rigid tube assembling, resistance to vibrations and pressure impulses. The fittings can be dismantled/reassembled more than once.

When assembling the cutting ring fitting, the ring's two edges are pressed into the pipe, which gives a mechanical bearing. The first edge has already started the penetration before the second edge starts cutting into the pipe. After the assembling, part three of the cutting ring is pushed in between the cone and the pipe, to make sure no vibrations are transported to the cutting edges. The fourth part secures radial movement. The design of the ring profile gives a very strong, axial and radial bearing. The tension is carried by the whole cutting ring length.



MATERIALS

Hydroscand's cutting ring fittings are manufactured of automatic steel or of forged materials. The standard surface treatment is E-coated. E-coated is the name of the surface treatment Hydroscand use for its fittings. It is Cr⁶ free and therefore more environmentally friendly and better for human health.

Temperatures up to +200°C. Sealing with standard NBR maximum +90°C.

CONNECTIONS

Whitworth pipe thread G, cone pipe threads R, NPTF cone, UNF, metric. Cutting ring cone according to ISO 8434-1.

CERTIFICATIONS

Hydroscand can deliver fittings with the following standards/certificates: DVGW, Norske Veritas, Germanischer Lloyd, ISO 9002.

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PRESSURE RATINGS FOR CUTTING RING FITTINGS

			LL				L								S											
			4	5	6	8	6	8	10	12	15	18	22	28	35	42	6	8	10	12	14	16	20	25	30	38
6001	6003	6031																								
6007	6008	6009																								
6010	6011	6013																								
6014	6016	6017																								
6021	6024	6027																								
6055	6035	6036																								
6041	6042	6043																								
6044	6045	6046																								
6047	6048	6049	100																							
6050	6051	6204																								
6061	6070	6071																								
6087	6089	6090																								
6092	6101	6102																								
6105	6107	6109																								
6130	6185	6216																								
6217	6218	6219																								
6537	6126																									
6088	6172	6171																								
6171	6173	6171																								
6175	6176	6177	100																							
6178	6181	6183																								
6184	6185	6186																								
6187	6188	3189																								
6110	6111	6116																								
6118	6119																									
6103	6104																									
6018	6012	6022																								
6029																										
6023	6033																									
6112	6114																									
6118	6119		100																							
6025	6030																									
6032																										
6120	6121	6123																								

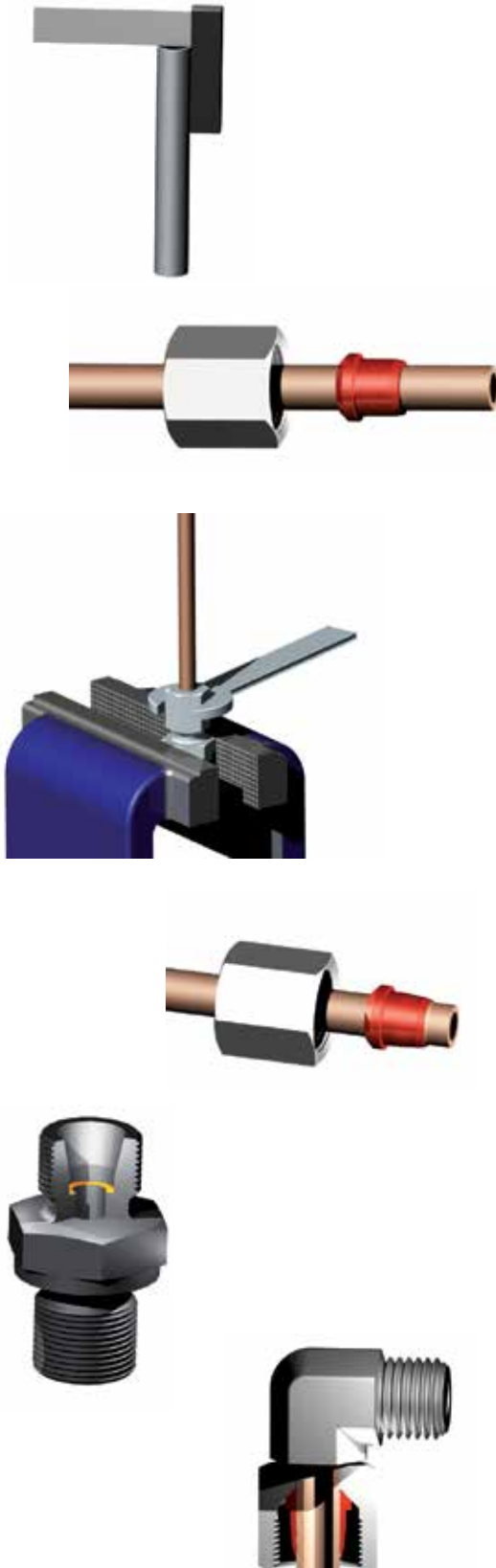
*) safety factor 1:3
 **) safety factor min 1,6

THREADS

Pipe size	Thread
4 LL	M 8 x 1,0
4 LL	M 10 x 1,0
6 LL	M 10 x 1,0
8 LL	M 12 x 1,0
10 LL	M 14 x 1,0
12 LL	M 16 x 1,0
6 L	M 12 x 1,5
8 L	M 14 x 1,5
10 L	M 16 x 1,5
12 L	M 18 x 1,5
15 L	M 22 x 1,5
18 L	M 26 x 1,5
22 L	M 30 x 2,0
28 L	M 36 x 2,0
35 L	M 45 x 2,0
42 L	M 52 x 2,0
6 S	M 14 x 1,5
8 S	M 16 x 1,5
10 S	M 18 x 1,5
12 S	M 20 x 1,5
14 S	M 22 x 1,5
16 S	M 24 x 1,5
20 S	M 30 x 2,0
25 S	M 36 x 2,0
30 S	M 42 x 2,0
38 S	M 52 x 2,0



ASSEMBLY INSTRUCTIONS



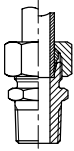
1. Cut the tube at a 90 degree angle (do not use roller, type tube cutters), remove all internal and external burrs.
2. Oil the 24° cone, the thread of the fitting body, the cutting ring and the nut. For carbon steel fittings, use mineral oil. For stainless steel fittings, use Hydroscands special oil, part number 5650-00-05.
3. Fit the nut and the cutting ring on the tubes as shown. The larger diameter of the cutting ring must face the nut.
4. Insert the tube on the 24° cone until it comes into contact with the stop. Tighten the nut by hand until the cutting ring rest firmly on the nut. Then tighten the nut with a wrench until the cutting edge of the ring is in contact with the tube and prevents rotation if this.
5. Holding the tube against its stop and making sure it does not rotate, tighten the nut by $\frac{3}{4}$ of a turn. This way, the cutting ring cut into the outer part of the tube for the necessary depth and raises an edge in front of its cutting edge while the second cutting edge clinches the tube at the same time.
6. Loosen the nut and check that there is a clearly raised edge all round the tube. The edge must cover 80% of the front of the cutting ring. This check is peremptory for the safety of all concerned. If the raised edge is not satisfactory, pre-assembly must be repeated. The cutting ring can rotate on the tube. This is normal and does not affect the density.
7. Final assembly.

Reassemble the nut on the fitting until a certain resistance is encountered and then tighten for a further $\frac{1}{4}$ turn.

Final assembly of pre-assembled fittings

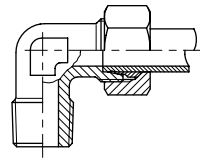
Screw the nut by hand as hard as you can, then the nut should be tightened approximately $\frac{1}{2}$ – $\frac{3}{4}$ turn more. This information apply to all our pre-installed fittings.

All the pre-assembly of stainless steel fittings must be performed with a pre-assembly tool (blocks or machines). For best results, use Hydroscands special oil, part number 5650-00-05.



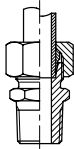
6171
GE – R/C LL
 Straight fitting – R M
 Cone sealing
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6171-04-02	GE 4 LL	4 mm	R 1/8"
6171-05-02	GE 5 LL	5 mm	R 1/8"
6171-06-02	GE 6 LL	6 mm	R 1/8"
6171-08-02	GE 8 LL	8 mm	R 1/8"
6171-10-04	GE 10 LL	10 mm	R 1/4"
6171-12-04	GE 12 LL	12 mm	R 1/4"



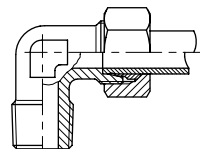
6174
WE – MK/C LL
 90° elbow fitting – MK M
 Cone sealing
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6174-04-06	WE 4 LL	4 mm	M 6 x 1 k
6174-04-08	WE 4 LL	4 mm	M 8 x 1 k
6174-05-08	WE 5 LL	5 mm	M 8 x 1 k
6174-06-06	WE 6 LL	6 mm	M 6 x 1 k
6174-06-08	WE 6 LL	6 mm	M 8 x 1 k
6174-06-10	WE 6 LL	6 mm	M 10 x 1 k
6174-08-10	WE 8 LL	8 mm	M 10 x 1 k



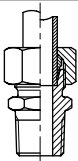
6172
GE – MK/C LL
 Straight fitting – MK M
 Cone sealing
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6172-04-06	GE 4 LL	4 mm	M 6 x 1 k
6172-04-08	GE 4 LL	4 mm	M 8 x 1 k
6172-05-08	GE 5 LL	5 mm	M 8 x 1 k
6172-06-06	GE 6 LL	6 mm	M 6 x 1 k
6172-06-08	GE 6 LL	6 mm	M 8 x 1 k
6172-06-10	GE 6 LL	6 mm	M 10 x 1 k
6172-08-08	GE 8 LL	8 mm	M 8 x 1 k
6172-08-10	GE 8 LL	8 mm	M 10 x 1 k



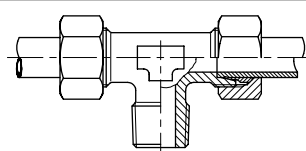
6175
WE – NPT LL
 90° elbow fitting – NPT M
 Cone sealing
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6175-04-02	WE 4 LL	4 mm	1/8"-27 NPT
6175-05-02	WE 5 LL	5 mm	1/8"-27 NPT
6175-06-02	WE 6 LL	6 mm	1/8"-27 NPT
6175-08-02	WE 8 LL	8 mm	1/8"-27 NPT



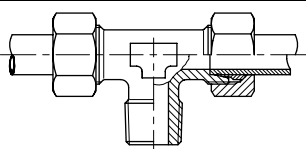
6177
GE – NPT LL
 Straight fitting – NPT M
 Cone sealing
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6177-04-02	GE 4 LL	4 mm	1/8"-27 NPT
6177-05-02	GE 5 LL	5 mm	1/8"-27 NPT
6177-06-02	GE 6 LL	6 mm	1/8"-27 NPT
6177-08-02	GE 8 LL	8 mm	1/8"-27 NPT



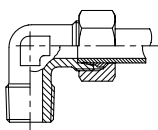
6182
TE – R/C LL
 T-fitting – R M
 Cone sealing
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6182-04-02	TE 4 LL	4 mm	R 1/8"
6182-05-02	TE 5 LL	5 mm	R 1/8"
6182-06-02	TE 6 LL	6 mm	R 1/8"
6182-08-02	TE 8 LL	8 mm	R 1/8"



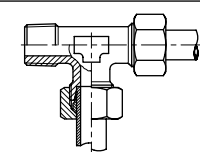
6181
TE – MK/C LL
 T-fitting – MK M
 Cone sealing
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6181-04-08	TE 4 LL	4 mm	M8 x 1 k
6181-05-08	TE 5 LL	5 mm	M8 x 1 k
6181-06-10	TE 6 LL	6 mm	M10 x 1 k
6181-08-10	TE 8 LL	8 mm	M10 x 1 k



6173
WE – R/C LL
 Elbow fitting – R M
 Cone sealing
PRODUCT GROUP 600

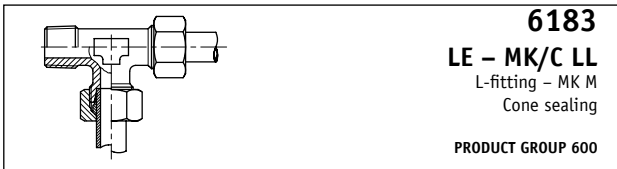
Part number	Type	Pipe size	Thread
6173-04-02	WE 4 LL	4 mm	R 1/8"
6173-05-02	WE 5 LL	5 mm	R 1/8"
6173-06-02	WE 6 LL	6 mm	R 1/8"
6173-08-02	WE 8 LL	8 mm	R 1/8"
6173-10-04	WE 10 LL	10 mm	R 1/4"
6173-12-04	WE 12 LL	12 mm	R 1/4"



6184
LE – R/C LL
 L-fitting – R M
 Cone sealing
PRODUCT GROUP 600

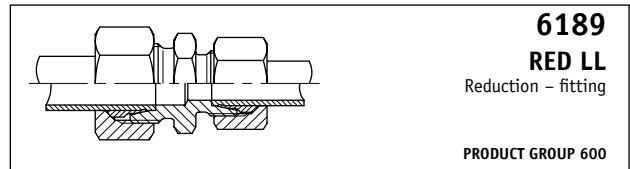
Part number	Type	Pipe size	Thread
6184-04-02	LE 4 LL	4 mm	R 1/8"
6184-05-02	LE 5 LL	5 mm	R 1/8"
6184-06-02	LE 6 LL	6 mm	R 1/8"
6184-08-02	LE 8 LL	8 mm	R 1/8"





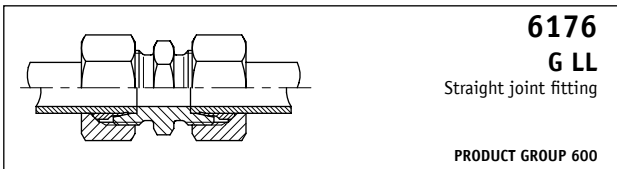
6183
LE – MK/C LL
L-fitting – MK M
Cone sealing
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6183-04-08	LE 4 LL	4 mm	M8 x 1 k
6183-05-08	LE 5 LL	5 mm	M8 x 1 k
6183-06-10	LE 6 LL	6 mm	M10 x 1 k
6183-08-10	LE 8 LL	8 mm	M10 x 1 k



6189
RED LL
Reduction – fitting
PRODUCT GROUP 600

Part number	Type	Pipe size
6189-06-04	RED 6 / 4 LL	6 - 4 mm
6189-08-04	RED 8 / 4 LL	8 - 4 mm
6189-08-06	RED 8 / 6 LL	8 - 6 mm



6176
G LL
Straight joint fitting
PRODUCT GROUP 600

Part number	Type	Pipe size
6176-04-04	G 4 LL	4 mm
6176-05-05	G 5 LL	5 mm
6176-06-06	G 6 LL	6 mm
6176-08-08	G 8 LL	8 mm
6176-10-10	G 10 LL	10 mm
6176-12-12	G 12 LL	12 mm



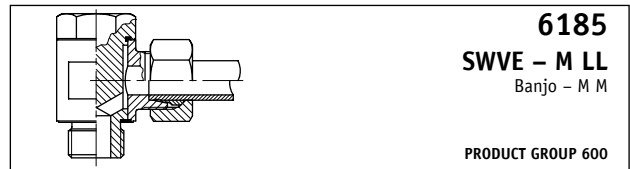
6186
WHO – G LL
Banjo – G M
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6186-04-02	WHO 4 LL	4 mm	G 1/8"
6186-05-02	WHO 5 LL	5 mm	G 1/8"
6186-06-02	WHO 6 LL	6 mm	G 1/8"
6186-08-02	WHO 8 LL	8 mm	G 1/8"



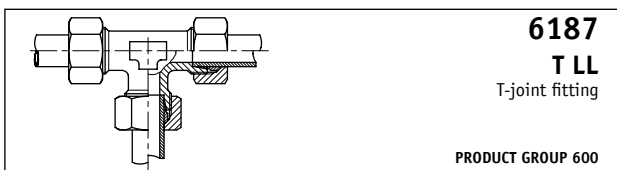
6178
W LL
Elbow joint fitting
PRODUCT GROUP 600

Part number	Type	Pipe size
6178-04-04	W 4 LL	4 mm
6178-05-05	W 5 LL	5 mm
6178-06-06	W 6 LL	6 mm
6178-08-08	W 8 LL	8 mm
6178-10-10	W 10 LL	10 mm
6178-12-12	W 12 LL	12 mm



6185
SWVE – M LL
Banjo – M M
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6185-04-08	SWVE 4 LL	4 mm	M 8 x 1.0
6185-05-08	SWVE 5 LL	5 mm	M 8 x 1.0
6185-06-10	SWVE 6 LL	6 mm	M 10 x 1.0
6185-08-10	SWVE 8 LL	8 mm	M 10 x 1.0



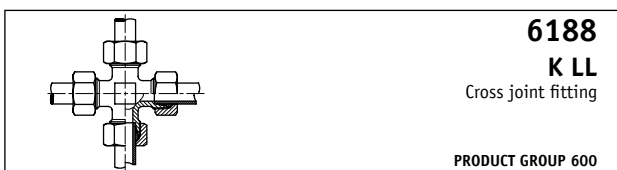
6187
T LL
T-joint fitting
PRODUCT GROUP 600

Part number	Type	Pipe size
6187-04-04	T 4 LL	4 mm
6187-05-05	T 5 LL	5 mm
6187-06-06	T 6 LL	6 mm
6187-08-08	T 8 LL	8 mm
6187-10-10	T 10 LL	10 mm
6187-12-12	T 12 LL	12 mm



6179
D LL
Cutting ring
PRODUCT GROUP 600

Part number	Type	Pipe size
6179-00-04	D 4 LL	4 mm
6179-00-05	D 5 LL	5 mm
6179-00-06	D 6 LL	6 mm
6179-00-08	D 8 LL	8 mm
6179-00-10	D 10 LL	10 mm
6179-00-12	D 12 LL	12 mm



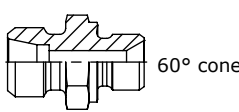
6188
K LL
Cross joint fitting
PRODUCT GROUP 600

Part number	Type	Pipe size
6188-04-04	K 4 LL	4 mm
6188-06-06	K 6 LL	6 mm
6188-08-08	K 8 LL	8 mm



6180
M LL
Nut
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6180-00-04	M 4 LL	4 mm	M 8 x 1.0
6180-00-05	M 5 LL	5 mm	M 10 x 1.0
6180-00-06	M 6 LL	6 mm	M 10 x 1.0
6180-00-08	M 8 LL	8 mm	M 14 x 1.0
6180-00-10	M 10 LL	10 mm	M 14 x 1.0
6180-00-12	M 12 LL	12 mm	M 16 x 1.0



6003/6503
GE-GB
 Straight fitting - G M
 Body
 ISO 1179-4
PRODUCT GROUP 600

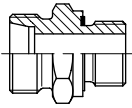


6009/6509
GE-G/ED
 Straight fitting - G M
 Body
 ISO 1179-2
PRODUKTGRUPP 600

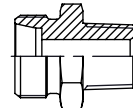
Part number	Type	Pipe size	Thread
6003-06-03	GE 6 L	6 mm	G 1/8"
6003-06-05	GE 6 L	6 mm	G 1/4"
6003-06-07	GE 6 L	6 mm	G 3/8"
6003-08-03	GE 8 L	8 mm	G 1/8"
6003-08-05	GE 8 L	8 mm	G 1/4"
6003-08-07	GE 8 L	8 mm	G 3/8"
6003-08-09	GE 8 L	8 mm	G 1/2"
6003-10-03	GE 10 L	10 mm	G 1/8"
6003-10-05	GE 10 L	10 mm	G 1/4"
6003-10-07	GE 10 L	10 mm	G 3/8"
6003-10-09	GE 10 L	10 mm	G 1/2"
6003-12-05	GE 12 L	12 mm	G 1/4"
6003-12-07	GE 12 L	12 mm	G 3/8"
6003-12-09	GE 12 L	12 mm	G 1/2"
6003-15-07	GE 15 L	15 mm	G 3/8"
6003-15-09	GE 15 L	15 mm	G 1/2"
6003-15-13	GE 15 L	15 mm	G 3/4"
6003-18-07	GE 18 L	18 mm	G 3/8"
6003-18-09	GE 18 L	18 mm	G 1/2"
6003-18-13	GE 18 L	18 mm	G 3/4"
6003-22-09	GE 22 L	22 mm	G 1/2"
6003-22-13	GE 22 L	22 mm	G 3/4"
6003-22-17	GE 22 L	22 mm	G 1"
6003-28-13	GE 28 L	28 mm	G 3/4"
6003-28-17	GE 28 L	28 mm	G 1"
6003-35-17	GE 35 L	35 mm	G 1"
6003-35-21	GE 35 L	35 mm	G 1 1/4"
6003-42-21	GE 42 L	42 mm	G 1 1/4"
6003-42-25	GE 42 L	42 mm	G 1 1/2"
6503-06-05	GE 6 S	6 mm	G 1/4"
6503-08-05	GE 8 S	8 mm	G 1/4"
6503-08-07	GE 8 S	8 mm	G 3/8"
6503-10-05	GE 10 S	10 mm	G 1/4"
6503-10-07	GE 10 S	10 mm	G 3/8"
6503-10-09	GE 10 S	10 mm	G 1/2"
6503-12-05	GE 12 S	12 mm	G 1/4"
6503-12-07	GE 12 S	12 mm	G 3/8"
6503-12-09	GE 12 S	12 mm	G 1/2"
6503-14-07	GE 14 S	14 mm	G 3/8"
6503-14-09	GE 14 S	14 mm	G 1/2"
6503-16-07	GE 16 S	16 mm	G 3/8"
6503-16-09	GE 16 S	16 mm	G 1/2"
6503-16-13	GE 16 S	16 mm	G 3/4"
6503-20-09	GE 20 S	20 mm	G 1/2"
6503-20-13	GE 20 S	20 mm	G 3/4"
6503-20-17	GE 20 S	20 mm	G 1"
6503-25-13	GE 25 S	25 mm	G 3/4"
6503-25-17	GE 25 S	25 mm	G 1"
6503-30-17	GE 30 S	30 mm	G 1"
6503-30-21	GE 30 S	30 mm	G 1 1/4"
6503-38-17	GE 38 S	38 mm	G 1"
6503-38-21	GE 38 S	38 mm	G 1 1/4"
6503-38-25	GE 38 S	38 mm	G 1 1/2"

Part number	Type	Pipe size	Thread
6009-06-03	GE 6 L	6 mm	G 1/8"
6009-06-05	GE 6 L	6 mm	G 1/4"
6009-08-03	GE 8 L	8 mm	G 1/8"
6009-08-05	GE 8 L	8 mm	G 1/4"
6009-08-07	GE 8 L	8 mm	G 3/8"
6009-08-09	GE 8 L	8 mm	G 1/2"
6009-10-03	GE 10 L	10 mm	G 1/8"
6009-10-05	GE 10 L	10 mm	G 1/4"
6009-10-07	GE 10 L	10 mm	G 3/8"
6009-10-09	GE 10 L	10 mm	G 1/2"
6009-12-05	GE 12 L	12 mm	G 1/4"
6009-12-07	GE 12 L	12 mm	G 3/8"
6009-12-09	GE 12 L	12 mm	G 1/2"
6009-15-07	GE 15 L	15 mm	G 3/8"
6009-15-09	GE 15 L	15 mm	G 1/2"
6009-15-13	GE 15 L	15 mm	G 3/4"
6009-18-07	GE 18 L	18 mm	G 3/8"
6009-18-09	GE 18 L	18 mm	G 1/2"
6009-18-13	GE 18 L	18 mm	G 3/4"
6009-22-09	GE 22 L	22 mm	G 1/2"
6009-22-13	GE 22 L	22 mm	G 3/4"
6009-22-17	GE 22 L	22 mm	G 1"
6009-28-13	GE 28 L	28 mm	G 3/4"
6009-28-17	GE 28 L	28 mm	G 1"
6009-28-21	GE 28 L	28 mm	G 1 1/4"
6009-35-17	GE 35 L	35 mm	G 1"
6009-35-21	GE 35 L	35 mm	G 1 1/4"
6009-42-21	GE 42 L	42 mm	G 1 1/4"
6009-42-25	GE 42 L	42 mm	G 1 1/2"
6509-06-05	GE 6 S	6 mm	G 1/4"
6509-08-05	GE 8 S	8 mm	G 1/4"
6509-08-07	GE 8 S	8 mm	G 3/8"
6509-08-09	GE 8 S	8 mm	G 1/2"
6509-10-05	GE 10 S	10 mm	G 1/4"
6509-10-07	GE 10 S	10 mm	G 3/8"
6509-12-05	GE 12 S	12 mm	G 1/4"
6509-12-07	GE 12 S	12 mm	G 3/8"
6509-12-09	GE 12 S	12 mm	G 1/2"
6509-14-09	GE 14 S	14 mm	G 1/2"
6509-16-07	GE 16 S	16 mm	G 3/8"
6509-16-09	GE 16 S	16 mm	G 1/2"
6509-16-13	GE 16 S	16 mm	G 3/4"
6509-20-09	GE 20 S	20 mm	G 1/2"
6509-20-13	GE 20 S	20 mm	G 3/4"
6509-20-17	GE 20 S	20 mm	G 1"
6509-25-09	GE 25 S	25 mm	G 1/2"
6509-25-13	GE 25 S	25 mm	G 3/4"
6509-25-17	GE 25 S	25 mm	G 1"
6509-30-17	GE 30 S	30 mm	G 1"
6509-30-21	GE 30 S	30 mm	G 1 1/4"
6509-38-21	GE 38 S	38 mm	G 1 1/4"
6509-38-25	GE 38 S	38 mm	G 1 1/2"



**6010/6510****GE-M/ED**

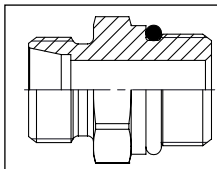
Straight fitting - G M
Body
ISO 9974-2
PRODUCT GROUP 600

**6007/6507****GE-NPT**

Straight fitting - NPT M
Body
ANSI/ASME B1.20.1-1983
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6010-06-11	GE 6 L	6 mm	M 10 x 1.0
6010-08-13	GE 8 L	8 mm	M 12 x 1.5
6010-10-15	GE 10 L	10 mm	M 14 x 1.5
6010-10-17	GE 10 L	10 mm	M 16 x 1.5
6010-12-15	GE 12 L	12 mm	M 14 x 1.5
6010-12-17	GE 12 L	12 mm	M 16 x 1.5
6010-12-19	GE 12 L	12 mm	M 18 x 1.5
6010-12-23	GE 12 L	12 mm	M 22 x 1.5
6010-15-19	GE 15 L	15 mm	M 18 x 1.5
6010-15-23	GE 15 L	15 mm	M 22 x 1.5
6010-18-23	GE 18 L	18 mm	M 22 x 1.5
6010-22-27	GE 22 L	22 mm	M 26 x 1.5
6010-28-34	GE 28 L	28 mm	M 33 x 2.0
6010-35-43	GE 35 L	35 mm	M 42 x 2.0
6010-42-49	GE 42 L	42 mm	M 48 x 2.0
6510-06-13	GE 6 S	6 mm	M 12 x 1.5
6510-08-15	GE 8 S	8 mm	M 14 x 1.5
6510-10-17	GE 10 S	10 mm	M 16 x 1.5
6510-12-19	GE 12 S	12 mm	M 18 x 1.5
6510-14-21	GE 14 S	14 mm	M 20 x 1.5
6510-16-23	GE 16 S	16 mm	M 22 x 1.5
6510-20-23	GE 20 S	20 mm	M 22 x 1.5
6510-20-28	GE 20 S	20 mm	M 27 x 2.0
6510-25-34	GE 25 S	25 mm	M 33 x 2.0
6510-30-43	GE 30 S	30 mm	M 42 x 2.0
6510-38-49	GE 38 S	38 mm	M 48 x 2.0

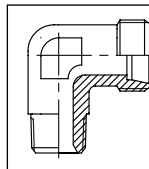
Part number	Type	Pipe size	Thread
6007-06-03	GE 6 L	6 mm	1/8"-27 NPT
6007-06-05	GE 6 L	6 mm	1/4"-18 NPT
6007-06-07	GE 6 L	6 mm	3/8"-18 NPT
6007-08-03	GE 8 L	8 mm	1/8"-27 NPT
6007-08-05	GE 8 L	8 mm	1/4"-18 NPT
6007-10-05	GE 10 L	10 mm	1/4"-18 NPT
6007-10-07	GE 10 L	10 mm	3/8"-18 NPT
6007-12-05	GE 12 L	12 mm	1/4"-18 NPT
6007-12-07	GE 12 L	12 mm	3/8"-18 NPT
6007-12-09	GE 12 L	12 mm	1/2"-14 NPT
6007-15-07	GE 15 L	15 mm	3/8" 18 NPT
6007-15-09	GE 15 L	15 mm	1/2"-14 NPT
6007-15-13	GE 15 L	15 mm	3/4"-14 NPT
6007-18-09	GE 18 L	18 mm	1/2"-14 NPT
6007-22-09	GE 22 L	22 mm	1/2"-14 NPT
6007-22-13	GE 22 L	22 mm	3/4"-14 NPT
6007-28-17	GE 28 L	28 mm	1"-11½ NPT
6007-35-21	GE 35 L	35 mm	1 1/4"-11½ NPT
6007-42-25	GE 42 L	42 mm	1 1/2"-11½ NPT
6507-06-05	GE 6 S	6 mm	1/4"-18 NPT
6507-08-05	GE 8 S	8 mm	1/4"-18 NPT
6507-10-05	GE 10 S	10 mm	1/4"-18 NPT
6507-10-07	GE 10 S	10 mm	3/8"-18 NPT
6507-12-05	GE 12 S	12 mm	1/4"-18 NPT
6507-12-07	GE 12 S	12 mm	3/8"-18 NPT
6507-12-09	GE 12 S	12 mm	1/2"-14 NPT
6507-12-13	GE 12 S	12 mm	3/4" 14 NPT
6507-14-09	GE 14 S	14 mm	1/2"-14 NPT
6507-16-09	GE 16 S	16 mm	1/2"-14 NPT
6507-20-09	GE 20 S	20 mm	1/2"-14 NPT
6507-20-13	GE 20 S	20 mm	3/4"-14 NPT
6507-25-17	GE 25 S	25 mm	1"-11½ NPT
6507-30-21	GE 30 S	30 mm	1 1/4"-11½ NPT
6507-38-25	GE 38 S	38 mm	1 1/2"-11½ NPT



6008/6508

GE – UNF
 Straight fitting – UNF M
 Body
 UN-UNF SAE J514
PRODUCT GROUP 600

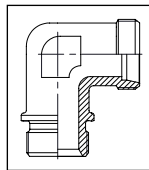
Part number	Type	Pipe size	Thread
6008-06-08	GE 6 L	6 mm	7/16"-20 UNF
6008-08-08	GE 8 L	8 mm	7/16"-20 UNF
6008-08-09	GE 8 L	8 mm	1/2"-20 UNF
6008-10-08	GE 10 L	10 mm	7/16"-20 UNF
6008-10-10	GE 10 L	10 mm	9/16"-18 UNF
6008-12-10	GE 12 L	12 mm	9/16"-18 UNF
6008-12-13	GE 12 L	12 mm	3/4"-16 UNF
6008-12-15	GE 12 L	12 mm	7/8"-14 UNF
6008-15-13	GE 15 L	15 mm	3/4"-16 UNF
6008-15-15	GE 15 L	15 mm	7/8"-14 UNF
6008-18-13	GE 18 L	18 mm	3/4"-16 UNF
6008-18-15	GE 18 L	18 mm	7/8"-14 UNF
6008-22-15	GE 22 L	22 mm	7/8"-14 UNF
6008-22-18	GE 22 L	22 mm	1 1/16"-12 UN
6008-22-22	GE 22 L	22 mm	1 5/16"-12 UN
6008-28-18	GE 28 L	28 mm	1 1/16"-12 UN
6008-28-22	GE 28 L	28 mm	1 5/16"-12 UN
6008-35-22	GE 35 L	35 mm	1 5/16"-12 UN
6008-35-27	GE 35 L	35 mm	1 5/8"-12 UN
6008-42-27	GE 42 L	42 mm	1 5/8"-12 UN
6008-42-31	GE 42 L	42 mm	1 7/8"-12 UN
6508-08-08	GE 8 S	8 mm	7/16"-20 UNF
6508-08-09	GE 8 S	8 mm	1/2"-20 UNF
6508-10-10	GE 10 S	10 mm	9/16"-18 UNF
6508-12-10	GE 12 S	12 mm	9/16"-18 UNF
6508-12-13	GE 12 S	12 mm	3/4"-16 UNF
6508-16-13	GE 16 S	16 mm	3/4"-16 UNF
6508-16-15	GE 16 S	16 mm	7/8"-14 UNF
6508-20-13	GE 20 S	20 mm	3/4"-16 UNF
6508-20-15	GE 20 S	20 mm	7/8"-14 UNF
6508-20-18	GE 20 S	20 mm	1 1/16"-12 UN
6508-25-18	GE 25 S	25 mm	1 1/16"-12 UN
6508-25-22	GE 25 S	25 mm	1 5/16"-12 UN
6508-30-22	GE 30 S	30 mm	1 5/16"-12 UN
6508-38-27	GE 38 S	38 mm	1 5/8"-12 UN
6508-38-31	GE 38 S	38 mm	1 7/8"-12 UN



6011/6511

WE-R/C
 90° elbow fitting – R M
 Body
 C DIN 3852
PRODUCT GROUP 600

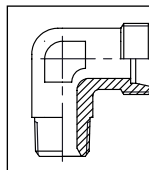
Part number	Type	Pipe size	Thread
6011-06-03	WE 6 L	6 mm	R 1/8"
6011-06-05	WE 6 L	6 mm	R 1/4"
6011-08-03	WE 8 L	8 mm	R 1/8"
6011-08-05	WE 8 L	8 mm	R 1/4"
6011-08-07	WE 8 L	8 mm	R 3/8"
6011-10-05	WE 10 L	10 mm	R 1/4"
6011-10-07	WE 10 L	10 mm	R 3/8"
6011-12-05	WE 12 L	12 mm	R 1/4"
6011-12-07	WE 12 L	12 mm	R 3/8"
6011-12-09	WE 12 L	12 mm	R 1/2"
6011-15-07	WE 15 L	15 mm	R 3/8"
6011-15-09	WE 15 L	15 mm	R 1/2"
6011-18-09	WE 18 L	18 mm	R 1/2"
6011-18-13	WE 18 L	18 mm	R 3/4"
6011-22-13	WE 22 L	20 mm	R 3/4"
6511-06-05	WE 6 S	6 mm	R 1/4"
6511-08-05	WE 8 S	8 mm	R 1/4"
6511-10-07	WE 10 S	10 mm	R 3/8"
6511-12-07	WE 12 S	12 mm	R 3/8"
6511-14-07	WE 14 S	14 mm	R 3/8"
6511-14-09	WE 14 S	14 mm	R 1/2"
6511-16-09	WE 16 S	16 mm	R 1/2"
6511-20-13	WE 20 S	20 mm	R 3/4"



6013/6513

WE-GB
 90° elbow fitting – G M
 Body
PRODUCT GROUP 600
 B DIN 3852

Part number	Type	Pipe size	Thread
6013-22-13	WE 22 L	22 mm	G 3/4"
6013-28-17	WE 28 L	28 mm	G 1"
6513-20-13	WE 20 S	20 mm	G 3/4"

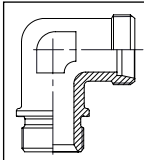


6014/6514

WE-MKC
 90° elbow fitting – MK M
 Body
PRODUCT GROUP 600
 C DIN 3852

Part number	Type	Pipe size	Thread
6014-06-11	WE 6 L	6 mm	M 10 x 1,0 K
6014-08-13	WE 8 L	8 mm	M 12 x 1,5 K
6014-10-15	WE 10 L	10 mm	M 14 x 1,5 K
6014-12-17	WE 12 L	12 mm	M 16 x 1,5 K
6014-15-19	WE 15 L	15 mm	M 18 x 1,5 K
6014-18-23	WE 18 L	18 mm	M 22 x 1,5 K
6514-06-13	WE 6 S	6 mm	M 12 x 1,5 K
6514-08-15	WE 8 S	8 mm	M 14 x 1,5 K
6514-10-17	WE 10 S	10 mm	M 16 x 1,5 K
6514-12-19	WE 12 S	12 mm	M 18 x 1,5 K
6514-14-21	WE 14 S	14 mm	M 20 x 1,5 K
6514-16-23	WE 16 S	16 mm	M 22 x 1,5 K

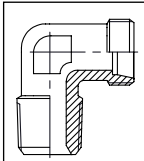




6016/6516

WE – MB
90° elbow fitting – M M
Body
B DIN 3852
PRODUCT GROUP 600

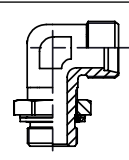
Part number	Type	Pipe size	Thread
6016-22-27	WE 22 L	22 mm	M 26 x 1,5
6016-28-34	WE 28 L	28 mm	M 33 x 2,0
6016-35-43	WE 35 L	35 mm	M 42 x 2,0
6016-42-49	WE 42 L	42 mm	M 48 x 2,0
6516-20-28	WE 20 S	20 mm	M 27 x 1,5
6516-25-34	WE 25 S	25 mm	M 33 x 2,0
6516-30-43	WE 30 S	30 mm	M 42 x 2,0
6516-38-49	WE 38 S	38 mm	M 48 x 2,0



6017/6517

WE – NPT
90° elbow fitting NPT M
Body
ANSI/ASME B1.20.1-1983
PRODUCT GROUP 600

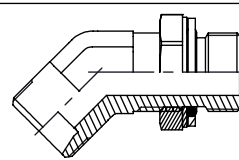
Part number	Type	Pipe size	Thread
6017-06-03	WE 6 L	6 mm	1/8"-27 NPT
6017-06-05	WE 6 L	6 mm	1/4"-18 NPT
6017-08-05	WE 8 L	8 mm	1/4"-18 NPT
6017-10-05	WE 10 L	10 mm	1/4"-18 NPT
6017-12-07	WE 12 L	12 mm	3/8"-18 NPT
6017-15-09	WE 15 L	15 mm	1/2"-14 NPT
6017-18-09	WE 18 L	18 mm	1/2"-14 NPT
6017-22-13	WE 22 L	22 mm	3/4"-14 NPT
6017-28-17	WE 28 L	28 mm	1"-11 1/2 NPT
6017-35-21	WE 35 L	35 mm	1 1/4"-11 1/2 NPT
6017-42-25	WE 42 L	42 mm	1 1/2"-11 1/2 NPT
6517-06-05	WE 6 S	6 mm	1/4"-18 NPT
6517-08-05	WE 8 S	8 mm	1/4"-18 NPT
6517-10-07	WE 10 S	10 mm	3/8"-18 NPT
6517-12-07	WE 12 S	12 mm	3/8"-18 NPT
6517-14-09	WE 14 S	14 mm	1/2"-14 NPT
6517-16-09	WE 16 S	16 mm	1/2"-14 NPT
6517-20-13	WE 20 S	20 mm	3/4"-14 NPT
6517-25-17	WE 25 S	25 mm	1"-11 1/2 NPT
6517-30-21	WE 30 S	30 mm	1 1/4"-11 1/2 NPT



6012/6512

WEE – G
Adjustable 90° elbow fitting – G M
Body
B DIN 3852
PRODUCT GROUP 600

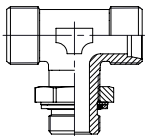
Part number	Type	Pipe size	Thread
6012-06-03	WEE 6 L	6 mm	G 1/8"
6012-08-05	WEE 8 L	8 mm	G 1/4"
6012-10-05	WEE 10 L	10 mm	G 1/4"
6012-12-07	WEE 12 L	12 mm	G 3/8"
6012-15-09	WEE 15 L	15 mm	G 1/2"
6012-18-09	WEE 18 L	18 mm	G 1/2"
6012-22-13	WEE 22 L	22 mm	G 3/4"
6012-28-17	WEE 28 L	28 mm	G 1"
6012-35-21	WEE 35 L	35 mm	G 1 1/4"
6012-42-25	WEE 42 L	42 mm	G 1 1/2"
6512-06-05	WEE 6 S	6 mm	G 1/4"
6512-08-05	WEE 8 S	8 mm	G 1/4"
6512-10-07	WEE 10 S	10 mm	G 3/8"
6512-12-07	WEE 12 S	12 mm	G 3/8"
6512-14-09	WEE 14 S	14 mm	G 1/2"
6512-16-09	WEE 16 S	16 mm	G 1/2"
6512-20-13	WEE 20 S	20 mm	G 3/4"
6512-25-17	WEE 25 S	25 mm	G 1"
6512-30-21	WEE 30 S	30 mm	G 1 1/4"
6512-38-25	WEE 38 S	38 mm	G 1 1/2"



6018/6518

VEE – G
Adjustable 45° elbow fitting – G M
O-ring with washer
ISO 1174-3
PRODUCT GROUP 600

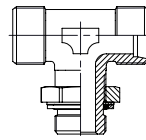
Part number	Type	Pipe size	Thread
6018-06-03	VEE 6 L	6 mm	G 1/8"
6018-08-05	VEE 8 L	8 mm	G 1/4"
6018-10-05	VEE 10 L	10 mm	G 1/4"
6018-12-07	VEE 12 L	12 mm	G 3/8"
6018-15-09	VEE 15 L	15 mm	G 1/2"
6018-18-09	VEE 18 L	18 mm	G 1/2"
6018-22-13	VEE 22 L	22 mm	G 3/4"
6018-28-17	VEE 28 L	28 mm	G 1"
6018-35-21	VEE 35 L	35 mm	G 1 1/4"
6018-42-25	VEE 42 L	42 mm	G 1 1/2"
6518-06-05	VEE 6 S	6 mm	G 1/4"
6518-08-05	VEE 8 S	8 mm	G 1/4"
6518-10-07	VEE 10 S	10 mm	G 3/8"
6518-12-07	VEE 12 S	12 mm	G 3/8"
6518-14-09	VEE 14 S	14 mm	G 1/2"
6518-16-09	VEE 16 S	16 mm	G 1/2"
6518-20-13	VEE 20 S	20 mm	G 3/4"
6518-25-17	VEE 25 S	25 mm	G 1"
6518-30-21	VEE 30 S	30 mm	G 1 1/4"
6518-38-25	VEE 38 S	38 mm	G 1 1/2"



6022/6522

TEE – GB
Adjustable T-fitting – G M
Body
DIN 2353
PRODUCT GROUP 600

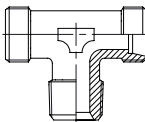
Part number	Type	Pipe size	Thread
6022-06-03	TEE 6 L	6 mm	G 1/8"
6022-08-05	TEE 8 L	8 mm	G 1/4"
6022-10-05	TEE 10 L	10 mm	G 1/4"
6022-12-07	TEE 12 L	12 mm	G 3/8"
6022-15-09	TEE 15 L	15 mm	G 1/2"
6022-18-09	TEE 18 L	18 mm	G 1/2"
6022-22-13	TEE 22 L	22 mm	G 3/4"
6022-28-17	TEE 28 L	28 mm	G 1"
6022-35-21	TEE 35 L	35 mm	G 1 1/4"
6022-42-25	TEE 42 L	42 mm	G 1 1/2"
6522-06-05	TEE 6 S	6 mm	G 1/4"
6522-08-05	TEE 8 S	8 mm	G 1/4"
6522-10-07	TEE 10 S	10 mm	G 3/8"
6522-12-07	TEE 12 S	12 mm	G 3/8"
6522-14-09	TEE 14 S	14 mm	G 1/2"
6522-16-09	TEE 16 S	16 mm	G 1/2"
6522-20-13	TEE 20 S	20 mm	G 3/4"
6522-25-17	TEE 25 S	25 mm	G 1"
6522-30-21	TEE 30 S	30 mm	G 1 1/4"
6522-38-25	TEE 38 S	38 mm	G 1 1/2"



6025/6525

TEE – M
Adjustable T-fitting – M M
Body
PRODUCT GROUP 600
DIN 2353

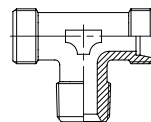
Part number	Type	Pipe size	Thread
6025-06-11	TEE 6 L	6 mm	M 10 x 1,0
6025-08-13	TEE 8 L	8 mm	M 12 x 1,5
6025-10-15	TEE 10 L	10 mm	M 14 x 1,5
6025-12-17	TEE 12 L	12 mm	M 16 x 1,5
6025-15-19	TEE 15 L	15 mm	M 18 x 1,5
6025-18-23	TEE 18 L	18 mm	M 22 x 1,5
6025-22-28	TEE 22 L	22 mm	M 27 x 2,0
6025-28-34	TEE 28 L	28 mm	M 33 x 2,0
6025-35-43	TEE 35 L	35 mm	M 42 x 2,0
6025-42-49	TEE 42 L	42 mm	M 48 x 2,0
6525-06-13	TEE 6 S	6 mm	M 12 x 1,5
6525-08-15	TEE 8 S	8 mm	M 14 x 1,5
6525-10-17	TEE 10 S	10 mm	M 16 x 1,5
6525-12-19	TEE 12 S	12 mm	M 18 x 1,5
6525-14-21	TEE 14 S	14 mm	M 20 x 1,5
6525-16-23	TEE 16 S	16 mm	M 22 x 1,5
6525-20-28	TEE 20 S	20 mm	M 27 x 2,0
6525-25-34	TEE 25 S	25 mm	M 33 x 2,0
6525-30-43	TEE 30 S	30 mm	M 42 x 2,0
6525-38-49	TEE 38 S	38 mm	M 48 x 2,0



6021/6521

TE-R/C
T-fitting – R M
Body
C DIN 3852
PRODUCT GROUP 600

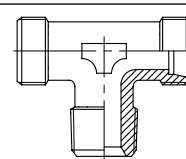
Part number	Type	Pipe size	Thread
6021-06-03	TE 6 L	6 mm	R 1/8"
6021-08-05	TE 8 L	8 mm	R 1/4"
6021-10-05	TE 10 L	10 mm	R 1/4"
6021-12-07	TE 12 L	12 mm	R 3/8"
6021-15-09	TE 15 L	15 mm	R 1/2"
6021-18-09	TE 18 L	18 mm	R 1/2"
6521-06-05	TE 6 S	6 mm	R 1/4"
6521-08-05	TE 8 S	8 mm	R 1/4"
6521-10-07	TE 10 S	10 mm	R 3/8"
6521-12-07	TE 12 S	12 mm	R 3/8"
6521-14-09	TE 14 S	14 mm	R 1/2"
6521-16-09	TE 16 S	16 mm	R 1/2"



6024

TE – M
T-fitting – MK M
Body
PRODUCT GROUP 600
C DIN 3852

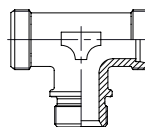
Part number	Type	Pipe size	Thread
6024-08-13	TE 8 L	8 mm	M 12 x 1,5 K
6024-10-15	TE 10 L	10 mm	M 14 x 1,5 K
6024-12-17	TE 12 L	12 mm	M 16 x 1,5 K
6024-15-19	TE 15 L	15 mm	M 18 x 1,5 K
6024-18-23	TE 18 L	18 mm	M 22 x 1,5 K



6027

TE – NPT
T-fitting – NPT M
Body
ANSI/ASME B1.20.1-1983
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6027-06-03	TE 6 L	6 mm	NPT 1/8"
6027-10-05	TE 10 L	10 mm	NPT 1/4"
6027-12-07	TE 12 L	12 mm	NPT 3/8"
6027-22-13	TE 22 L	22 mm	NPT 3/4"

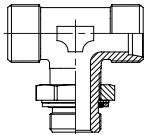


6023/6523

TE-GB
T-fitting – G M
Body
B DIN 3852
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6023-22-13	TE 22 L	22 mm	G 3/4"
6023-28-17	TE 28 L	28 mm	G 1"
6023-35-21	TE 35 L	35 mm	G 1 1/4"
6023-42-25	TE 42 L	42 mm	G 1 1/2"
6523-20-13	TE 20 S	20 mm	G 3/4"
6523-25-17	TE 25 S	25 mm	G 1"
6523-30-21	TE 30 S	30 mm	G 1 1/4"
6523-38-25	TE 38 S	38 mm	G 1 1/2"





6026/6526
TEE – UNF
 T-fitting – UNF M
 Body
 DIN 2353
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6026-06-08	TEE 6 L	6 mm	7/16-20" UNF
6026-08-08	TEE 8 L	8 mm	7/16-20" UNF
6026-10-10	TEE 10 L	10 mm	9/16-18" UNF
6026-12-13	TEE 12 L	12 mm	3/4-16" UNF
6026-15-15	TEE 15 L	15 mm	7/8-14" UNF
6026-18-15	TEE 18 L	18 mm	7/8-14" UNF
6026-22-18	TEE 22 L	22 mm	11/16-12" UN
6026-28-22	TEE 28 L	28 mm	15/16-12" UN
6026-35-27	TEE 35 L	35 mm	15/8-12" UN
6026-42-31	TEE 42 L	42 mm	17/8-12" UN
6526-06-08	TEE 6 S	6 mm	7/16-20" UNF
6526-08-10	TEE 8 S	8 mm	9/16-18" UNF
6526-10-10	TEE 10 S	10 mm	9/16-18" UNF
6526-12-13	TEE 12 S	12 mm	3/4-16" UNF
6526-14-15	TEE 14 S	14 mm	7/8-14" UNF
6526-16-15	TEE 16 S	16 mm	7/8-14" UNF
6526-20-18	TEE 20 S	20 mm	11/16-12" UN
6526-25-22	TEE 25 S	25 mm	15/16-12" UN
6526-30-27	TEE 30 S	30 mm	15/8-12" UN
6526-38-31	TEE 38 S	38 mm	17/8-12" UN



6029/6529
LEE – G
 Adjustable L-fitting – G M
 Body
 DIN 2353
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6029-06-03	LEE 6 L	6 mm	G 1/8"
6029-08-05	LEE 8 L	8 mm	G 1/4"
6029-10-05	LEE 10 L	10 mm	G 1/4"
6029-12-07	LEE 12 L	12 mm	G 3/8"
6029-15-09	LEE 15 L	15 mm	G 1/2"
6029-18-09	LEE 18 L	18 mm	G 1/2"
6029-22-13	LEE 22 L	22 mm	G 3/4"
6029-28-17	LEE 28 L	28 mm	G 1"
6029-35-21	LEE 35 L	35 mm	G 1 1/4"
6029-42-25	LEE 42 L	42 mm	G 1 1/2"
6529-06-05	LEE 6 S	6 mm	G 1/4"
6529-08-05	LEE 8 S	8 mm	G 1/4"
6529-10-07	LEE 10 S	10 mm	G 3/8"
6529-12-07	LEE 12 S	12 mm	G 3/8"
6529-14-09	LEE 14 S	14 mm	G 1/2"
6529-16-09	LEE 16 S	16 mm	G 1/2"
6529-20-13	LEE 20 S	20 mm	G 3/4"
6529-25-17	LEE 25 S	25 mm	G 1"
6529-30-21	LEE 30 S	30 mm	G 1 1/4"
6529-38-25	LEE 38 S	38 mm	G 1 1/2"



6031/6531
LE – R/C
 L-fitting – R M
 Body
 C DIN 3852
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6031-06-03	LE 6 L	6 mm	R 1/8"
6031-08-05	LE 8 L	8 mm	R 1/4"
6031-10-05	LE 10 L	10 mm	R 1/4"
6031-12-07	LE 12 L	12 mm	R 3/8"
6031-15-09	LE 15 L	15 mm	R 1/2"
6031-18-09	LE 18 L	18 mm	R 1/2"
6531-06-05	LE 6 S	6 mm	R 1/4"
6531-08-05	LE 8 S	8 mm	R 1/4"
6531-10-07	LE 10 S	10 mm	R 3/8"
6531-12-07	LE 12 S	12 mm	R 3/8"
6531-14-09	LE 14 S	14 mm	R 1/2"
6531-16-09	LE 16 S	16 mm	R 1/2"



6033/6533
LE – GB
 L-fitting – G M
 Body
 B DIN 3852
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6033-22-13	LE 22 L	22 mm	G 3/4"
6033-28-17	LE 28 L	28 mm	G 1"
6033-35-21	LE 35 L	35 mm	G 1 1/4"
6033-42-25	LE 42 L	42 mm	G 1 1/2"
6533-20-13	LE 20 S	20 mm	G 3/4"
6533-25-17	LE 25 S	25 mm	G 1"
6533-30-21	LE 30 S	30 mm	G 1 1/4"
6533-38-25	LE 38 S	38 mm	G 1 1/2"

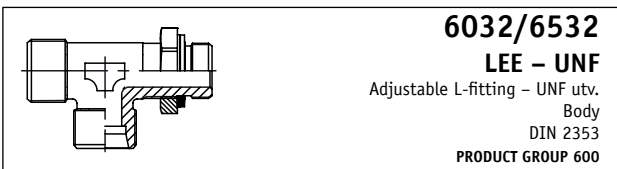


6036
LE – MB
 L-fitting – M M
 Body
 B DIN 3852
PRODUCT GROUP 600

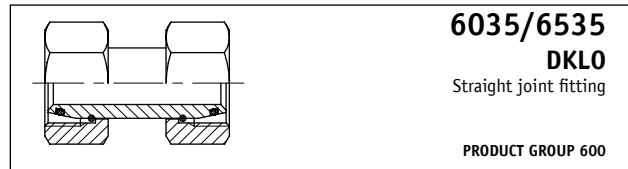
Part number	Type	Pipe size	Thread
6036-22-27	LE 22 L	22 mm	M 26 x 1,5
6036-28-34	LE 28 L	28 mm	M 33 x 2,0
6036-35-43	LE 35 L	35 mm	M 42 x 2,0
6036-42-49	LE 42 L	42 mm	M 48 x 2,0



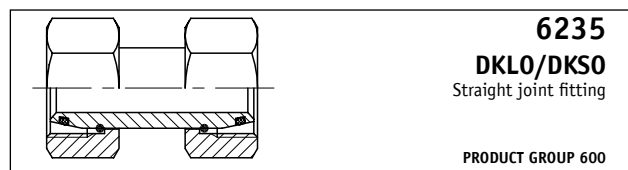
Part number	Type	Pipe size	Thread
6030-06-11	LEE 6 L	6 mm	M 10 x 1,0
6030-08-13	LEE 8 L	8 mm	M 12 x 1,5
6030-10-15	LEE 10 L	10 mm	M 14 x 1,5
6030-12-17	LEE 12 L	12 mm	M 16 x 1,5
6030-15-19	LEE 15 L	15 mm	M 18 x 1,5
6030-18-23	LEE 18 L	18 mm	M 22 x 1,5
6030-22-28	LEE 22 L	22 mm	M 27 x 2,0
6030-28-34	LEE 28 L	28 mm	M 33 x 2,0
6030-35-43	LEE 35 L	35 mm	M 42 x 2,0
6030-42-49	LEE 42 L	42 mm	M 48 x 2,0
6530-06-13	LEE 6 S	6 mm	M 12 x 1,5
6530-08-15	LEE 8 S	8 mm	M 14 x 1,5
6530-10-17	LEE 10 S	10 mm	M 16 x 1,5
6530-12-19	LEE 12 S	12 mm	M 18 x 1,5
6530-14-21	LEE 14 S	14 mm	M 20 x 1,5
6530-16-23	LEE 16 S	16 mm	M 22 x 1,5
6530-20-28	LEE 20 S	20 mm	M 27 x 2,0
6530-25-34	LEE 25 S	25 mm	M 33 x 2,0
6530-30-43	LEE 30 S	30 mm	M 42 x 2,0
6530-38-49	LEE 38 S	38 mm	M 48 x 2,0



Part number	Type	Pipe size	Thread
6032-06-08	LEE 6 L	6 mm	7/16-20" UNF
6032-08-08	LEE 8 L	8 mm	7/16-20" UNF
6032-10-10	LEE 10 L	10 mm	9/16-18" UNF
6032-12-13	LEE 12 L	12 mm	3/4-16" UNF
6032-15-15	LEE 15 L	15 mm	7/8-14" UNF
6032-18-15	LEE 18 L	18 mm	7/8-14" UNF
6032-22-18	LEE 22 L	22 mm	11/16-12" UN
6032-28-22	LEE 28 L	28 mm	15/16-12" UN
6032-35-27	LEE 35 L	35 mm	15/8-12" UN
6032-42-31	LEE 42 L	42 mm	17/8-12" UN
6532-06-08	LEE 6 S	6 mm	7/16-20" UNF
6532-08-10	LEE 8 S	8 mm	9/16-18" UNF
6532-10-10	LEE 10 S	10 mm	9/16-18" UNF
6532-12-13	LEE 12 S	12 mm	3/4-16" UNF
6532-14-15	LEE 14 S	14 mm	7/8-14" UNF
6532-16-15	LEE 16 S	16 mm	7/8-14" UNF
6532-20-18	LEE 20 S	20 mm	11/16-12" UN
6532-25-22	LEE 25 S	25 mm	15/16-12" UN
6532-30-27	LEE 30 S	30 mm	15/8-12" UN
6532-38-31	LEE 38 S	38 mm	17/8-12" UN

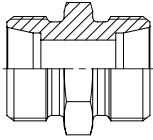


Part number	Type	Pipe size
6035-06-06	DKLO 6 x DKLO 6	6 mm
6035-08-08	DKLO 8 x DKLO 8	8 mm
6035-10-10	DKLO 10 x DKLO 10	10 mm
6035-12-12	DKLO 12 x DKLO 12	12 mm
6035-15-15	DKLO 15 x DKLO 15	15 mm
6035-18-18	DKLO 18 x DKLO 18	18 mm
6035-22-22	DKLO 22 x DKLO 22	22 mm
6035-28-28	DKLO 28 x DKLO 28	28 mm
6035-35-35	DKLO 35 x DKLO 35	35 mm
6035-42-42	DKLO 42 x DKLO 42	42 mm
6535-06-06	DKSO 6 x DKSO 6	6 mm
6535-08-08	DKSO 8 x DKSO 8	8 mm
6535-10-10	DKSO 10 x DKSO 10	10 mm
6535-12-12	DKSO 12 x DKSO 12	12 mm
6535-14-14	DKSO 14 x DKSO 14	14 mm
6535-16-16	DKSO 16 x DKSO 16	16 mm
6535-20-20	DKSO 20 x DKSO 20	20 mm
6535-25-25	DKSO 25 x DKSO 25	25 mm
6535-30-30	DKSO 30 x DKSO 30	30 mm
6535-30-38	DKSO 30 x DKSO 38	30 mm
6535-38-38	DKSO 38 x DKSO 38	38 mm



Part number	Type	Pipe size
6235-10-12	DKLO 10 x DKSO 12	10 mm-12 mm
6235-10-14	DKLO 10 x DKSO 14	10 mm-14 mm
6235-12-14	DKLO 12 x DKSO 14	12 mm-14 mm
6235-12-16	DKLO 12 x DKSO 16	12 mm-16 mm
6235-15-16	DKLO 15 x DKSO 16	15 mm-16 mm
6235-15-20	DKLO 15 x DKSO 20	15 mm-20 mm
6235-18-20	DKLO 18 x DKSO 20	18 mm-20 mm
6235-18-25	DKLO 18 x DKSO 25	18 mm-25 mm
6235-28-25	DKLO 28 x DKSO 25	28 mm-25 mm

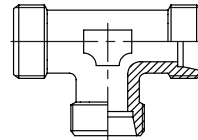


**6041/6541**

G
Straight joint fitting
Body

PRODUCT GROUP 600

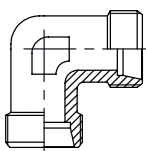
Part number	Type	Pipe size
6041-06-07	G 6 L	6 mm
6041-08-09	G 8 L	8 mm
6041-10-11	G 10 L	10 mm
6041-12-13	G 12 L	12 mm
6041-15-16	G 15 L	15 mm
6041-18-19	G 18 L	18 mm
6041-22-23	G 22 L	22 mm
6041-28-29	G 28 L	28 mm
6041-35-36	G 35 L	35 mm
6041-42-43	G 42 L	42 mm
6541-06-07	G 6 S	6 mm
6541-08-09	G 8 S	8 mm
6541-10-11	G 10 S	10 mm
6541-12-13	G 12 S	12 mm
6541-14-15	G 14 S	14 mm
6541-16-17	G 16 S	16 mm
6541-20-21	G 20 S	20 mm
6541-25-26	G 25 S	25 mm
6541-30-31	G 30 S	30 mm
6541-38-39	G 38 S	38 mm

**6043/6543**

T
T-joint fitting
Body

PRODUCT GROUP 600

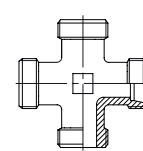
Part number	Type	Pipe size
6043-06-07	T 6 L	6 mm
6043-08-09	T 8 L	8 mm
6043-10-11	T 10 L	10 mm
6043-12-13	T 12 L	12 mm
6043-15-16	T 15 L	15 mm
6043-18-19	T 18 L	18 mm
6043-22-23	T 22 L	22 mm
6043-28-29	T 28 L	28 mm
6043-35-36	T 35 L	35 mm
6043-42-43	T 42 L	42 mm
6543-06-07	T 6 S	6 mm
6543-08-09	T 8 S	8 mm
6543-10-11	T 10 S	10 mm
6543-12-13	T 12 S	12 mm
6543-14-15	T 14 S	14 mm
6543-16-17	T 16 S	16 mm
6543-20-21	T 20 S	20 mm
6543-25-26	T 25 S	25 mm
6543-30-31	T 30 S	30 mm
6543-38-39	T 38 S	38 mm

**6042/6542**

W
Elbow joint fitting
Body

PRODUCT GROUP 600

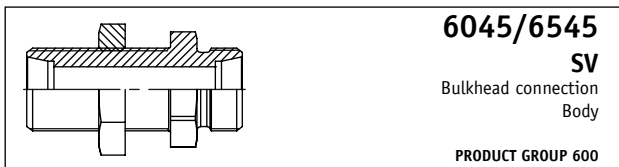
Part number	Type	Pipe size
6042-06-07	W 6 L	6 mm
6042-08-09	W 8 L	8 mm
6042-10-11	W 10 L	10 mm
6042-12-13	W 12 L	12 mm
6042-15-16	W 15 L	15 mm
6042-18-19	W 18 L	18 mm
6042-22-23	W 22 L	22 mm
6042-28-29	W 28 L	28 mm
6042-35-36	W 35 L	35 mm
6042-42-43	W 42 L	42 mm
6542-06-07	W 6 S	6 mm
6542-08-09	W 8 S	8 mm
6542-10-11	W 10 S	10 mm
6542-12-13	W 12 S	12 mm
6542-14-15	W 14 S	14 mm
6542-16-17	W 16 S	16 mm
6542-20-21	W 20 S	20 mm
6542-25-26	W 25 S	25 mm
6542-30-31	W 30 S	30 mm
6542-38-39	W 38 S	38 mm

**6044/6544**

K
Cross joint fitting
Body

PRODUCT GROUP 600

Part number	Type	Pipe size
6044-06-07	K 6 L	6 mm
6044-08-09	K 8 L	8 mm
6044-10-11	K 10 L	10 mm
6044-12-13	K 12 L	12 mm
6044-15-16	K 15 L	15 mm
6044-18-19	K 18 L	18 mm
6044-22-23	K 22 L	22 mm
6044-28-29	K 28 L	28 mm
6044-35-36	K 35 L	35 mm
6044-42-43	K 42 L	42 mm
6544-06-07	K 6 S	6 mm
6544-08-09	K 8 S	8 mm
6544-10-11	K 10 S	10 mm
6544-12-13	K 12 S	12 mm
6544-14-15	K 14 S	14 mm
6544-16-17	K 16 S	16 mm
6544-20-21	K 20 S	20 mm
6544-25-26	K 25 S	25 mm
6544-30-31	K 30 S	30 mm
6544-38-39	K 38 S	38 mm



6045/6545

SV
Bulkhead connection
Body

PRODUCT GROUP 600

Part number	Type	Pipe size
6045-06-07	SV 6 L	6 mm
6045-08-09	SV 8 L	8 mm
6045-10-11	SV 10 L	10 mm
6045-12-13	SV 12 L	12 mm
6045-15-16	SV 15 L	15 mm
6045-18-19	SV 18 L	18 mm
6045-22-23	SV 22 L	22 mm
6045-28-29	SV 28 L	28 mm
6045-35-36	SV 35 L	35 mm
6045-42-43	SV 42 L	42 mm
6545-06-07	SV 6 S	6 mm
6545-08-09	SV 8 S	8 mm
6545-10-11	SV 10 S	10 mm
6545-12-13	SV 12 S	12 mm
6545-14-15	SV 14 S	14 mm
6545-16-17	SV 16 S	16 mm
6545-20-21	SV 20 S	20 mm
6545-25-26	SV 25 S	25 mm
6545-30-31	SV 30 S	30 mm
6545-38-39	SV 38 S	38 mm

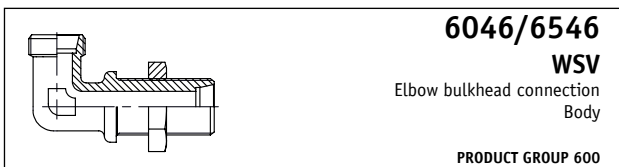


6047/6547

AS
Straight welding
boss
Body

PRODUCT GROUP 600

Part number	Type	Pipe size
6047-06-07	AS 6 L	6 mm
6047-08-09	AS 8 L	8 mm
6047-10-11	AS 10 L	10 mm
6047-12-13	AS 12 L	12 mm
6047-15-16	AS 15 L	15 mm
6047-18-19	AS 18 L	18 mm
6047-22-23	AS 22 L	22 mm
6047-28-29	AS 28 L	28 mm
6047-35-36	AS 35 L	35 mm
6047-42-43	AS 42 L	42 mm
6547-06-07	AS 6 S	6 mm
6547-08-09	AS 8 S	8 mm
6547-10-11	AS 10 S	10 mm
6547-12-13	AS 12 S	12 mm
6547-14-15	AS 14 S	14 mm
6547-16-17	AS 16 S	16 mm
6547-20-21	AS 20 S	20 mm
6547-25-26	AS 25 S	25 mm
6547-30-31	AS 30 S	30 mm
6547-38-39	AS 38 S	38 mm

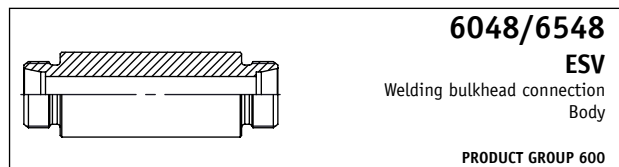


6046/6546

WSV
Elbow bulkhead connection
Body

PRODUCT GROUP 600

Part number	Type	Pipe size
6046-06-07	WSV 6 L	6 mm
6046-08-09	WSV 8 L	8 mm
6046-10-11	WSV 10 L	10 mm
6046-12-13	WSV 12 L	12 mm
6046-15-16	WSV 15 L	15 mm
6046-18-19	WSV 18 L	18 mm
6046-22-23	WSV 22 L	22 mm
6046-28-29	WSV 28 L	28 mm
6046-35-36	WSV 35 L	35 mm
6046-42-43	WSV 42 L	42 mm
6546-06-07	WSV 6 S	6 mm
6546-08-09	WSV 8 S	8 mm
6546-10-11	WSV 10 S	10 mm
6546-12-13	WSV 12 S	12 mm
6546-14-15	WSV 14 S	14 mm
6546-16-17	WSV 16 S	16 mm
6546-20-21	WSV 20 S	20 mm
6546-25-26	WSV 25 S	25 mm
6546-30-31	WSV 30 S	30 mm
6546-38-39	WSV 38 S	38 mm



6048/6548

ESV
Welding bulkhead connection
Body

PRODUCT GROUP 600

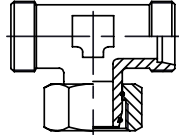
Part number	Type	Pipe size
6048-06-07	ESV 6 L	6 mm
6048-08-09	ESV 8 L	8 mm
6048-10-11	ESV 10 L	10 mm
6048-12-13	ESV 12 L	12 mm
6048-15-16	ESV 15 L	15 mm
6048-18-19	ESV 18 L	18 mm
6048-22-23	ESV 22 L	22 mm
6048-28-29	ESV 28 L	28 mm
6048-35-36	ESV 35 L	35 mm
6048-42-43	ESV 42 L	42 mm
6548-06-07	ESV 6 S	6 mm
6548-08-09	ESV 8 S	8 mm
6548-10-11	ESV 10 S	10 mm
6548-12-13	ESV 12 S	12 mm
6548-14-15	ESV 14 S	14 mm
6548-16-17	ESV 16 S	16 mm
6548-20-21	ESV 20 S	20 mm
6548-25-26	ESV 25 S	25 mm
6548-30-31	ESV 30 S	30 mm
6548-38-39	ESV 38 S	38 mm





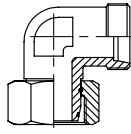
6049/6549
WAS
 Elbow welding fitting
 Body
PRODUCT GROUP 600

Part number	Type	Pipe size
6049-06-07	WAS 6 L	6 mm
6049-08-09	WAS 8 L	8 mm
6049-10-11	WAS 10 L	10 mm
6049-12-13	WAS 12 L	12 mm
6049-15-16	WAS 15 L	15 mm
6049-18-19	WAS 18 L	18 mm
6049-22-23	WAS 22 L	22 mm
6049-28-29	WAS 28 L	28 mm
6049-35-36	WAS 35 L	35 mm
6049-42-43	WAS 42 L	42 mm
6549-06-07	WAS 6 S	6 mm
6549-08-09	WAS 8 S	8 mm
6549-10-11	WAS 10 S	10 mm
6549-12-13	WAS 12 S	12 mm
6549-14-15	WAS 14 S	14 mm
6549-16-17	WAS 16 S	16 mm
6549-20-21	WAS 20 S	20 mm
6549-25-26	WAS 25 S	25 mm
6549-30-31	WAS 30 S	30 mm
6549-38-39	WAS 38 S	38 mm



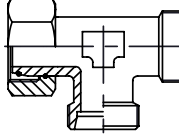
6061/6561
EVT-0
 Adjustable T-fitting with O-ring
 Body
PRODUCT GROUP 600

Part number	Type	Pipe size
6061-06-07	EVTO 6 L	6 mm
6061-08-09	EVTO 8 L	8 mm
6061-10-11	EVTO 10 L	10 mm
6061-12-13	EVTO 12 L	12 mm
6061-15-16	EVTO 15 L	15 mm
6061-18-19	EVTO 18 L	18 mm
6061-22-23	EVTO 22 L	22 mm
6061-28-29	EVTO 28 L	28 mm
6061-35-36	EVTO 35 L	35 mm
6061-42-43	EVTO 42 L	42 mm
6561-06-07	EVTO 6 S	6 mm
6561-08-09	EVTO 8 S	8 mm
6561-10-11	EVTO 10 S	10 mm
6561-12-13	EVTO 12 S	12 mm
6561-14-15	EVTO 14 S	14 mm
6561-16-17	EVTO 16 S	16 mm
6561-20-21	EVTO 20 S	20 mm
6561-25-26	EVTO 25 S	25 mm
6561-30-31	EVTO 30 S	30 mm
6561-38-39	EVTO 38 S	38 mm



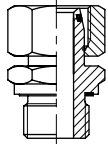
6051/6551
EVW-0
 Adjustable elbow fitting with O-ring
 Body
PRODUCT GROUP 600

Part number	Type	Pipe size
6051-06-07	EVWO 6 L	6 mm
6051-08-09	EVWO 8 L	8 mm
6051-10-11	EVWO 10 L	10 mm
6051-12-13	EVWO 12 L	12 mm
6051-15-16	EVWO 15 L	15 mm
6051-18-19	EVWO 18 L	18 mm
6051-22-23	EVWO 22 L	22 mm
6051-28-29	EVWO 28 L	28 mm
6051-35-36	EVWO 35 L	35 mm
6051-42-43	EVWO 42 L	42 mm
6551-06-07	EVWO 6 S	6 mm
6551-08-09	EVWO 8 S	8 mm
6551-10-11	EVWO 10 S	10 mm
6551-12-13	EVWO 12 S	12 mm
6551-14-15	EVWO 14 S	14 mm
6551-16-17	EVWO 16 S	16 mm
6551-20-21	EVWO 20 S	20 mm
6551-25-26	EVWO 25 S	25 mm
6551-30-31	EVWO 30 S	30 mm
6551-38-39	EVWO 38 S	38 mm



6071/6571
EVL-0
 Adjustable L-fitting with O-ring
 Body
PRODUCT GROUP 600

Part number	Type	Pipe size
6071-06-07	EVL 6 L	6 mm
6071-08-09	EVL 8 L	8 mm
6071-10-11	EVL 10 L	10 mm
6071-12-13	EVL 12 L	12 mm
6071-15-16	EVL 15 L	15 mm
6071-18-19	EVL 18 L	18 mm
6071-22-23	EVL 22 L	22 mm
6071-28-29	EVL 28 L	28 mm
6071-35-36	EVL 35 L	35 mm
6071-42-43	EVL 42 L	42 mm
6571-06-07	EVL 6 S	6 mm
6571-08-09	EVL 8 S	8 mm
6571-10-11	EVL 10 S	10 mm
6571-12-13	EVL 12 S	12 mm
6571-14-15	EVL 14 S	14 mm
6571-16-17	EVL 16 S	16 mm
6571-20-21	EVL 20 S	20 mm
6571-25-26	EVL 25 S	25 mm
6571-30-31	EVL 30 S	30 mm
6571-38-39	EVL 38 S	38 mm

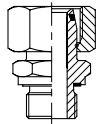


6090/6590

EVGEO – G/ED

Straight standpipe
with pre-assembled nut and O-ring
ISO 1179-2
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6090-06-02	EVGEO 6 L	6 mm	G 1/8"
6090-06-04	EVGEO 6 L	6 mm	G 1/4"
6090-08-04	EVGEO 8 L	8 mm	G 1/4"
6090-10-04	EVGEO 10 L	10 mm	G 1/4"
6090-10-06	EVGEO 10 L	10 mm	G 3/8"
6090-12-04	EVGEO 12 L	12 mm	G 1/4"
6090-12-06	EVGEO 12 L	12 mm	G 3/8"
6090-12-08	EVGEO 12 L	12 mm	G 1/2"
6090-15-08	EVGEO 15 L	15 mm	G 1/2"
6090-18-08	EVGEO 18 L	18 mm	G 1/2"
6096-18-12	EVGEO 18 L	18 mm	G 3/4"
6090-22-12	EVGEO 22 L	22 mm	G 3/4"
6090-28-16	EVGEO 28 L	28 mm	G 1"
6090-35-20	EVGEO 35 L	35 mm	G 1 1/4"
6090-42-24	EVGEO 42 L	42 mm	G 1 1/2"
6590-06-04	EVGEO 6 S	6 mm	G 1/4"
6590-08-04	EVGEO 8 S	8 mm	G 1/4"
6590-10-04	EVGEO 10 S	10 mm	G 1/4"
6590-10-06	EVGEO 10 S	10 mm	G 3/8"
6590-12-06	EVGEO 12 S	12 mm	G 3/8"
6590-12-08	EVGEO 12 S	12 mm	G 1/2"
6590-14-08	EVGEO 14 S	14 mm	G 1/2"
6590-16-06	EVGEO 16 S	16 mm	G 3/8"
6590-16-08	EVGEO 16 S	16 mm	G 1/2"
6590-16-12	EVGEO 16 S	16 mm	G 3/4"
6590-20-12	EVGEO 20 S	20 mm	G 3/4"
6590-25-12	EVGEO 25 S	25 mm	G 3/4"
6590-25-16	EVGEO 25 S	25 mm	G 1"
6590-30-20	EVGEO 30 S	30 mm	G 1 1/4"
6590-38-24	EVGEO 38 S	38 mm	G 1 1/2"

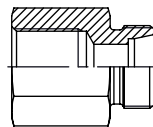


6092/6592

EVGEO – M/ED

Straight standpipe
with pre-assembled nut and O-ring
ISO 1174-2
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6092-06-10	EVGEO 6 L	6 mm	M 10 x 1.0
6092-08-12	EVGEO 8 L	8 mm	M 12 x 1.5
6092-10-14	EVGEO 10 L	10 mm	M 14 x 1.5
6092-12-16	EVGEO 12 L	12 mm	M 16 x 1.5
6092-15-18	EVGEO 15 L	15 mm	M 18 x 1.5
6092-18-22	EVGEO 18 L	18 mm	M 22 x 1.5
6092-22-26	EVGEO 22 L	22 mm	M 26 x 1.5
6092-28-33	EVGEO 28 L	28 mm	M 33 x 2.0
6092-35-42	EVGEO 35 L	35 mm	M 42 x 2.0
6092-42-48	EVGEO 42 L	42 mm	M 48 x 2.0
6592-06-12	EVGEO 6 S	6 mm	M 12 x 1.5
6592-08-14	EVGEO 8 S	8 mm	M 14 x 1.5
6592-10-16	EVGEO 10 S	10 mm	M 16 x 1.5
6592-12-18	EVGEO 12 S	12 mm	M 18 x 1.5
6592-14-20	EVGEO 14 S	14 mm	M 20 x 1.5
6592-16-22	EVGEO 16 S	16 mm	M 22 x 1.5
6592-20-27	EVGEO 20 S	20 mm	M 27 x 2.0
6592-25-33	EVGEO 25 S	25 mm	M 33 x 2.0
6592-30-42	EVGEO 30 S	30 mm	M 42 x 2.0
6592-38-48	EVGEO 38 S	38 mm	M 48 x 2.0



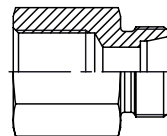
6101/6601

GAI – G

Straight fitting – G F
Body

PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6101-06-03	GAI 6 L	6 mm	G 1/8"
6101-08-05	GAI 8 L	8 mm	G 1/4"
6101-08-07	GAI 8 L	8 mm	G 3/8"
6101-10-05	GAI 10 L	10 mm	G 1/4"
6101-12-05	GAI 12 L	12 mm	G 1/4"
6101-12-07	GAI 12 L	12 mm	G 3/8"
6101-12-09	GAI 12 L	12 mm	G 1/2"
6101-15-09	GAI 15 L	15 mm	G 1/2"
6101-18-09	GAI 18 L	18 mm	G 1/2"
6101-22-13	GAI 22 L	22 mm	G 3/4"
6101-28-17	GAI 28 L	28 mm	G 1"
6101-35-21	GAI 35 L	35 mm	G 1 1/4"
6101-42-25	GAI 42 L	42 mm	G 1 1/2"
6601-06-05	GAI 6 S	6 mm	G 1/4"
6601-08-05	GAI 8 S	8 mm	G 1/4"
6601-10-07	GAI 10 S	10 mm	G 3/8"
6601-12-07	GAI 12 S	12 mm	G 3/8"
6601-14-09	GAI 14 S	14 mm	G 1/2"
6601-16-09	GAI 16 S	16 mm	G 1/2"
6601-20-13	GAI 20 S	20 mm	G 3/4"
6601-25-17	GAI 25 S	25 mm	G 1"
6601-30-21	GAI 30 S	30 mm	G 1 1/4"
6601-38-25	GAI 38 S	38 mm	G 1 1/2"



6102/6602

GAI – M

Straight fitting – M F
Body

PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6102-06-11	GAI 6 L	6 mm	M 10 x 1.0
6102-08-13	GAI 8 L	8 mm	M 12 x 1.5
6102-10-15	GAI 10 L	10 mm	M 14 x 1.5
6102-12-17	GAI 12 L	12 mm	M 16 x 1.5
6102-15-19	GAI 15 L	15 mm	M 18 x 1.5
6102-18-23	GAI 18 L	18 mm	M 22 x 1.5
6102-22-27	GAI 22 L	22 mm	M 26 x 1.5
6602-06-13	GAI 6 S	6 mm	M 12 x 1.5
6602-08-15	GAI 8 S	8 mm	M 14 x 1.5
6602-10-17	GAI 10 S	10 mm	M 16 x 1.5
6602-12-19	GAI 12 S	12 mm	M 18 x 1.5
6602-14-21	GAI 14 S	14 mm	M 20 x 1.5
6602-16-23	GAI 16 S	16 mm	M 22 x 1.5
6602-20-28	GAI 20 S	20 mm	M 27 x 2.0

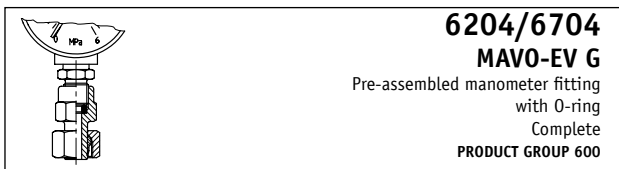




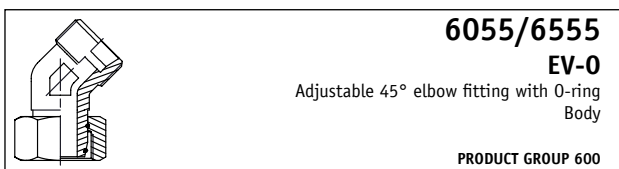
Part number	Type	Pipe size	Thread
6103-06-05	MAV 6 L	6 mm	G 1/4"
6103-08-05	MAV 8 L	8 mm	G 1/4"
6103-10-05	MAV 10 L	10 mm	G 1/4"
6103-12-05	MAV 12 L	12 mm	G 1/4"
6603-06-09	MAV 6 S	6 mm	G 1/2"
6603-08-05	MAV 8 S	8 mm	G 1/4"
6603-08-09	MAV 8 S	8 mm	G 1/2"
6603-10-09	MAV 10 S	10 mm	G 1/2"
6603-12-09	MAV 12 S	12 mm	G 1/2"
6103-13-04	Sealing ring		G 1/4"
6603-13-06	Copper seal		G 3/8"
6603-13-08	Sealing ring		G 1/2"



Part number	Type	Pipe size
6105-08-07	RED 8/6 L	8 mm-6 mm
6105-10-07	RED 10/6 L	10 mm-6 mm
6105-10-09	RED 10/8 L	10 mm-8 mm
6105-12-07	RED 12/6 L	12 mm-6 mm
6105-12-09	RED 12/8 L	12 mm-8 mm
6105-12-11	RED 12/10 L	12 mm-10 mm
6105-15-07	RED 15/6 L	15 mm-6 mm
6105-15-09	RED 15/8 L	15 mm-8 mm
6105-15-11	RED 15/10 L	15 mm-10 mm
6105-15-13	RED 15/12 L	15 mm-12 mm
6105-18-09	RED 18/8 L	18 mm-8 mm
6105-18-11	RED 18/10 L	18 mm-10 mm
6105-18-13	RED 18/12 L	18 mm-12 mm
6105-18-16	RED 18/15 L	18 mm-15 mm
6105-22-13	RED 22/12 L	22 mm-12 mm
6105-22-16	RED 22/15 L	22 mm-15 mm
6105-22-19	RED 22/18 L	22 mm-18 mm
6105-28-11	RED 28/10 L	28 mm-10 mm
6105-28-16	RED 28/15 L	28 mm-15 mm
6105-28-19	RED 28/18 L	28 mm-18 mm
6105-28-23	RED 28/22 L	28 mm-22 mm
6105-35-23	RED 35/22 L	35 mm-22 mm
6105-35-29	RED 35/28 L	35 mm-28 mm

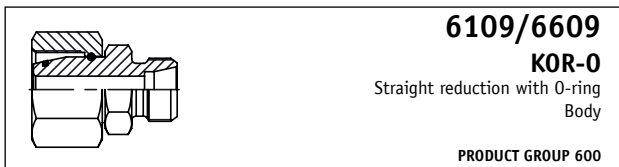


Part number	Type	Pipe size	Thread
6204-06-04	MAV-EV 6 L	6 mm	G 1/4"
6204-08-04	MAV-EV 8 L	8 mm	G 1/4"
6204-10-04	MAV-EV 10 L	10 mm	G 1/4"
6204-12-04	MAV-EV 12 L	12 mm	G 1/4"
6704-06-08	MAV-EV 6 S	6 mm	G 1/2"
6704-08-08	MAV-EV 8 S	8 mm	G 1/2"
6704-10-08	MAV-EV 10 S	10 mm	G 1/2"
6704-12-08	MAV-EV 12 S	12 mm	G 1/2"



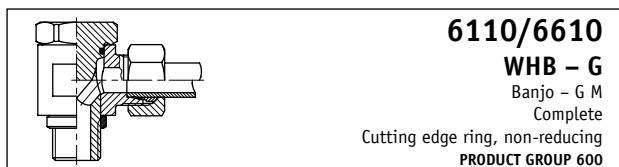
Part number	Type	Pipe size
6055-06-07	EV 6 L	6 mm
6055-08-09	EV 8 L	8 mm
6055-10-11	EV 10 L	10 mm
6055-12-13	EV 12 L	12 mm
6055-15-16	EV 15 L	15 mm
6055-18-19	EV 18 L	18 mm
6055-22-23	EV 22 L	22 mm
6055-28-29	EV 28 L	28 mm
6055-35-36	EV 35 L	35 mm
6055-42-43	EV 42 L	42 mm
6555-06-07	EV 6 S	6 mm
6555-08-09	EV 8 S	8 mm
6555-10-11	EV 10 S	10 mm
6555-12-13	EV 12 S	12 mm
6555-14-15	EV 14 S	14 mm
6555-16-17	EV 16 S	16 mm
6555-20-21	EV 20 S	20 mm
6555-25-26	EV 25 S	25 mm
6555-30-31	EV 30 S	30 mm
6555-38-39	EV 38 S	38 mm

6605-08-07	RED 8/6 S	8 mm-6 mm
6605-10-07	RED 10/6 S	10 mm-6 mm
6605-10-09	RED 10/8 S	10 mm-8 mm
6605-12-07	RED 12/6 S	12 mm-6 mm
6605-12-09	RED 12/8 S	12 mm-8 mm
6605-12-11	RED 12/10 S	12 mm-10 mm
6605-14-11	RED 14/10 S	14 mm-10 mm
6605-14-13	RED 14/12 S	14 mm-12 mm
6605-16-11	RED 16/10 S	16 mm-10 mm
6605-16-13	RED 16/12 S	16 mm-12 mm
6605-16-15	RED 16/14 S	16 mm-14 mm
6605-20-11	RED 20/10 S	20 mm-10 mm
6605-20-13	RED 20/12 S	20 mm-12 mm
6605-20-15	RED 20/14 S	20 mm-14 mm
6605-20-17	RED 20/16 S	20 mm-16 mm
6605-25-17	RED 25/16 S	25 mm-16 mm
6605-25-21	RED 25/20 S	25 mm-20 mm
6605-30-21	RED 30/20 S	30 mm-20 mm
6605-30-26	RED 30/25 S	30 mm-25 mm
6605-38-26	RED 38/25 S	38 mm-25 mm
6605-38-31	RED 38/30 S	38 mm-30 mm



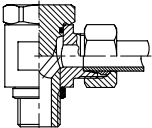
Part number	Type	Pipe size
6109-08-07	KOR O 8/6 L	8 mm-6 mm
6109-10-07	KOR O 10/6 L	10 mm-6 mm
6109-10-09	KOR O 10/8 L	10 mm-8 mm
6109-12-07	KOR O 12/6 L	12 mm-6 mm
6109-12-09	KOR O 12/8 L	12 mm-8 mm
6109-12-11	KOR O 12/10 L	12 mm-10 mm
6109-15-07	KOR O 15/6 L	15 mm-6 mm
6109-15-09	KOR O 15/8 L	15 mm-8 mm
6109-15-11	KOR O 15/10 L	15 mm-10 mm
6109-15-13	KOR O 15/12 L	15 mm-12 mm
6109-18-07	KOR O 18/6 L	18 mm-6 mm
6109-18-09	KOR O 18/8 L	18 mm-8 mm
6109-18-11	KOR O 18/10 L	18 mm-10 mm
6109-18-13	KOR O 18/12 L	18 mm-12 mm
6109-18-16	KOR O 18/15 L	18 mm-15 mm
6109-22-07	KOR O 22/6 L	22 mm-6 mm
6109-22-09	KOR O 22/8 L	22 mm-8 mm
6109-22-11	KOR O 22/10 L	22 mm-10 mm
6109-22-13	KOR O 22/12 L	22 mm-12 mm
6109-22-16	KOR O 22/15 L	22 mm-15 mm
6109-22-19	KOR O 22/18 L	22 mm-18 mm
6109-28-07	KOR O 28/6 L	28 mm-6 mm
6109-28-09	KOR O 28/8 L	28 mm-8 mm
6109-28-11	KOR O 28/10 L	28 mm-10 mm
6109-28-13	KOR O 28/12 L	28 mm-12 mm
6109-28-16	KOR O 28/15 L	28 mm-15 mm
6109-28-19	KOR O 28/18 L	28 mm-18 mm
6109-28-23	KOR O 28/22 L	28 mm-22 mm
6109-35-07	KOR O 35/6 L	35 mm-6 mm
6109-35-09	KOR O 35/8 L	35 mm-8 mm
6109-35-11	KOR O 35/10 L	35 mm-10 mm
6109-35-13	KOR O 35/12 L	35 mm-12 mm
6109-35-16	KOR O 35/15 L	35 mm-15 mm
6109-35-19	KOR O 35/18 L	35 mm-18 mm
6109-35-23	KOR O 35/22 L	35 mm-22 mm
6109-35-29	KOR O 35/28 L	35 mm-28 mm
6109-42-07	KOR O 42/6 L	42 mm-6 mm
6109-42-09	KOR O 42/8 L	42 mm-8 mm
6109-42-11	KOR O 42/10 L	42 mm-10 mm
6109-42-13	KOR O 42/12 L	42 mm-12 mm
6109-42-16	KOR O 42/15 L	42 mm-15 mm
6109-42-19	KOR O 42/18 L	42 mm-18 mm
6109-42-23	KOR O 42/22 L	42 mm-22 mm
6109-42-29	KOR O 42/28 L	42 mm-28 mm
6109-42-36	KOR O 42/35 L	42 mm-35 mm
6609-08-07	KOR O 8/6 S	8 mm-6 mm
6609-10-07	KOR O 10/6 S	10 mm-6 mm
6609-10-09	KOR O 10/8 S	10 mm- 8 mm
6609-12-07	KOR O 12/6 S	12 mm-6 mm
6609-12-09	KOR O 12/8 S	12 mm-8 mm
6609-12-11	KOR O12/10 S	12 mm-10 mm
6609-14-07	KOR O 14/6 S	14 mm-6 mm
6609-14-09	KOR O 14/8 S	14 mm-8 mm
6609-14-11	KOR O 14/10 S	14 mm-10 mm
6609-14-13	KOR O 14/12 S	14 mm-12 mm
6609-16-07	KOR O 16/6 S	16 mm-6 mm
6609-16-09	KOR O 16/8 S	16 mm-8 mm
6609-16-11	KOR O 16/10 S	16 mm-10 mm
6609-16-13	KOR O 16/12 S	16 mm-12 mm
6609-16-15	KOR O 16/14 S	16 mm-14 mm
6609-20-07	KOR O 20/6 S	20 mm-6 mm

Part number	Type	Pipe size
6609-20-09	KOR O 20/8 S	20 mm-8 mm
6609-20-11	KOR O 20/10 S	20 mm-10 mm
6609-20-13	KOR O 20/12 S	20 mm-12 mm
6609-20-15	KOR O 20/14 S	20 mm-14 mm
6609-20-17	KOR O 20/16 S	20 mm-16 mm
6609-25-07	KOR O 25/6 S	25 mm-6 mm
6609-25-09	KOR O 25/8 S	25 mm-8 mm
6609-25-11	KOR O 25/10 S	25 mm-10 mm
6609-25-13	KOR O 25/12 S	25 mm-12 mm
6609-25-15	KOR O 25/14 S	25 mm-14 mm
6609-25-17	KOR O 25/16 S	25 mm-16 mm
6609-25-21	KOR O 25/20 S	25 mm-20 mm
6609-30-09	KOR O 30/8 S	30 mm-8 mm
6609-30-11	KOR O 30/10 S	30 mm-10 mm
6609-30-13	KOR O 30/12 S	30 mm-12 mm
6609-30-17	KOR O 30/16 S	30 mm-16 mm
6609-30-21	KOR O 30/20 S	30 mm-20 mm
6609-30-26	KOR O 30/25 S	30 mm-25 mm
6609-38-09	KOR O 38/8 S	38 mm-8 mm
6609-38-13	KOR O 38/12 S	38 mm-12 mm
6609-38-17	KOR O 38/16 S	38 mm-16 mm
6609-38-21	KOR O 38/20 S	38 mm-20 mm
6609-38-26	KOR O 38/25 S	38 mm-25 mm
6609-38-31	KOR O 38/30 S	38 mm-30 mm



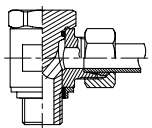
Part number	Type	Pipe size	Thread
6110-06-02	WHB 6 L	6 mm	G 1/8"
6110-08-04	WHB 8 L	8 mm	G 1/4"
6110-10-04	WHB 10 L	10 mm	G 1/4"
6110-12-04	WHB 12 L	12 mm	G 1/4"
6110-12-06	WHB 12 L	12 mm	G 3/8"
6110-15-08	WHB 15 L	15 mm	G 1/2"
6110-18-08	WHB 18 L	18 mm	G 1/2"
6110-22-12	WHB 22 L	22 mm	G 3/4"
6110-28-16	WHB 28 L	28 mm	G 1"
6110-35-20	WHB 35 L	35 mm	G 1 1/4"
6110-42-24	WHB 42 L	42 mm	G 1 1/2"
6610-06-04	WHB 6 S	6 mm	G 1/4"
6610-08-04	WHB 8 S	8 mm	G 1/4"
6610-10-06	WHB 10 S	10 mm	G 3/8"
6610-12-06	WHB 12 S	12 mm	G 3/8"
6610-14-08	WHB 14 S	14 mm	G 1/2"
6610-16-08	WHB 16 S	16 mm	G 1/2"
6610-20-12	WHB 20 S	20 mm	G 3/4"
6610-25-16	WHB 25 S	25 mm	G 1"
6610-30-20	WHB 30 S	30 mm	G 1 1/4"
6610-38-24	WHB 38 S	38 mm	G 1 1/2"





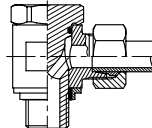
6111/6611
WHB-M
 Banjo - M M
 Cutting edge ring, non-reducing
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6111-06-10	WHB 6 L	6 mm	M10 x 1,0
6111-08-12	WHB 8 L	8 mm	M12 x 1,5
6111-10-14	WHB 10 L	10 mm	M14 x 1,5
6111-12-16	WHB 12 L	12 mm	M16 x 1,5
6111-15-18	WHB 15 L	15 mm	M18 x 1,5
6111-18-22	WHB 18 L	18 mm	M22 x 1,5
6111-22-26	WHB 22 L	22 mm	M26 x 1,5
6111-28-33	WHB 28 L	28 mm	M33 x 2,0
6111-35-42	WHB 35 L	35 mm	M42 x 2,0
6111-42-48	WHB 42 L	42 mm	M48 x 2,0
6611-06-12	WHB 6 S	6 mm	M12 x 1,5
6611-08-14	WHB 8 S	8 mm	M14 x 1,5
6611-10-16	WHB 10 S	10 mm	M16 x 1,5
6611-12-18	WHB 12 S	12 mm	M18 x 1,5
6611-16-22	WHB 16 S	16 mm	M22 x 1,5
6611-20-27	WHB 20 S	20 mm	M27 x 2,0
6611-25-33	WHB 25 S	25 mm	M33 x 2,0
6611-30-42	WHB 30 S	30 mm	M42 x 2,0
6611-38-48	WHB 38 S	38 mm	M48 x 2,0



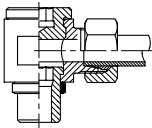
6119/6619
WHO - M
 Banjo - M M
 Soft seal, teflon, non-reducing
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6119-06-10	WHO 6 L	6 mm	M10 x 1,0
6119-08-12	WHO 8 L	8 mm	M12 x 1,5
6119-10-14	WHO 10 L	10 mm	M14 x 1,5
6119-12-16	WHO 12 L	12 mm	M16 x 1,5
6119-15-18	WHO 15 L	15 mm	M18 x 1,5
6119-18-22	WHO 18 L	18 mm	M22 x 1,5
6119-22-26	WHO 22 L	22 mm	M26 x 1,5
6619-06-12	WHO 6 S	6 mm	M12 x 1,5
6619-08-14	WHO 8 S	8 mm	M14 x 1,5
6619-10-16	WHO 10 S	10 mm	M16 x 1,5
6619-12-18	WHO 12 S	12 mm	M18 x 1,5
6619-14-20	WHO 14 S	14 mm	M20 x 1,5
6619-16-22	WHO 16 S	16 mm	M22 x 1,5
6619-20-27	WHO 20 S	20 mm	M27 x 2,0



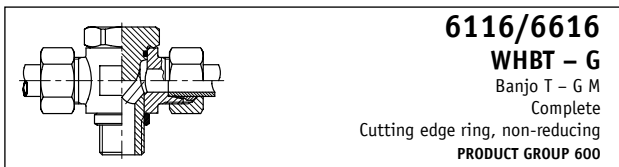
6118/6618
WHO - G
 Banjo - G M
 Complete
 Soft seal, teflon, non-reducing
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6118-06-02	WHO 6 L	6 mm	G 1/8"
6118-08-04	WHO 8 L	8 mm	G 1/4"
6118-10-04	WHO 10 L	10 mm	G 1/4"
6118-12-06	WHO 12 L	12 mm	G 3/8"
6118-15-08	WHO 15 L	15 mm	G 1/2"
6118-18-08	WHO 18 L	18 mm	G 1/2"
6118-22-12	WHO 22 L	22 mm	G 3/4"
6618-06-04	WHO 6 S	6 mm	G 1/4"
6618-08-04	WHO 8 S	8 mm	G 1/4"
6618-10-06	WHO 10 S	10 mm	G 3/8"
6618-12-06	WHO 12 S	12 mm	G 3/8"
6618-14-08	WHO 14 S	14 mm	G 1/2"
6618-16-08	WHO 16 S	16 mm	G 1/2"
6618-25-16	WHO 25 S	25 mm	G 1"
6618-30-20	WHO 30 S	30 mm	G 1 1/4"



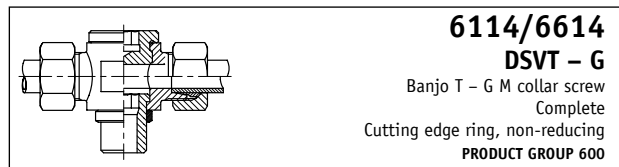
6112/6612
DSVW - G
 Banjo - M M
 Collar screw
 Cutting edge ring, non-reducing
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6112-06-02	DSVW 6 L	6 mm	G 1/8"
6112-08-04	DSVW 8 L	8 mm	G 1/4"
6112-10-04	DSVW 10 L	10 mm	G 1/4"
6112-12-06	DSVW 12 L	12 mm	G 3/8"
6112-15-08	DSVW 15 L	15 mm	G 1/2"
6112-18-08	DSVW 18 L	18 mm	G 1/2"
6112-22-12	DSVW 22 L	22 mm	G 3/4"
6112-28-16	DSVW 28 L	28 mm	G 1"
6112-35-20	DSVW 35 L	35 mm	G 1 1/4"
6112-42-24	DSVW 42 L	42 mm	G 1 1/2"
6612-06-04	DSVW 6 S	6 mm	G 1/4"
6612-08-04	DSVW 8 S	8 mm	G 1/4"
6612-10-06	DSVW 10 S	10 mm	G 3/8"
6612-12-06	DSVW 12 S	12 mm	G 3/8"
6612-14-08	DSVW 14 S	14 mm	G 1/2"
6612-16-08	DSVW 16 S	16 mm	G 1/2"
6612-20-12	DSVW 20 S	20 mm	G 3/4"
6612-25-16	DSVW 25 S	25 mm	G 1"



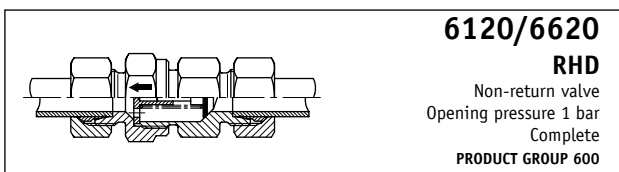
6116/6616
WHBT – G
 Banjo T – G M
 Complete
 Cutting edge ring, non-reducing
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6116-06-02	WHBT 6 L	6 mm	1/8"
6116-08-04	WHBT 8 L	8 mm	1/4"
6116-10-04	WHBT 10 L	10 mm	1/4"
6116-12-06	WHBT 12 L	12 mm	3/8"
6116-15-08	WHBT 15 L	15 mm	1/2"
6116-18-08	WHBT 18 L	18 mm	1/2"
6116-22-12	WHBT 22 L	22 mm	3/4"
6116-28-16	WHBT 28 L	28 mm	1"
6116-35-20	WHBT 35 L	35 mm	1 1/4"
6116-42-24	WHBT 42 L	42 mm	1 1/2"
6616-06-04	WHBT 6 S	6 mm	1/4"
6616-08-04	WHBT 8 S	8 mm	1/4"
6616-10-06	WHBT 10 S	10 mm	3/8"
6616-12-06	WHBT 12 S	12 mm	3/8"
6616-14-08	WHBT 14 S	14 mm	1/2"
6616-16-08	WHBT 16 S	16 mm	1/2"
6616-20-12	WHBT 20 S	20 mm	3/4"
6616-25-16	WHBT 25 S	25 mm	1"
6616-30-20	WHBT 30 S	30 mm	1 1/4"
6616-38-24	WHBT 38 S	38 mm	1 1/2"



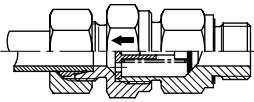
6114/6614
DSVT – G
 Banjo T – G M collar screw
 Complete
 Cutting edge ring, non-reducing
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6114-06-02	DSVT 6 L	6 mm	1/8"
6114-08-04	DSVT 8 L	8 mm	1/4"
6114-10-04	DSVT 10 L	10 mm	1/4"
6114-12-06	DSVT 12 L	12 mm	3/8"
6114-15-08	DSVT 15 L	15 mm	1/2"
6114-18-08	DSVT 18 L	18 mm	1/2"
6114-22-12	DSVT 22 L	22 mm	3/4"
6114-28-16	DSVT 28 L	28 mm	1"
6114-35-20	DSVT 35 L	35 mm	1 1/4"
6114-42-24	DSVT 42 L	42 mm	1 1/2"
6614-06-04	DSVT 6 S	6 mm	1/4"
6614-08-04	DSVT 8 S	8 mm	1/4"
6614-10-06	DSVT 10 S	10 mm	3/8"
6614-12-06	DSVT 12 S	12 mm	3/8"
6614-14-08	DSVT 14 S	14 mm	1/2"
6614-16-08	DSVT 16 S	16 mm	1/2"
6614-20-12	DSVT 20 S	20 mm	3/4"
6614-25-16	DSVT 25 S	25 mm	1"
6614-30-20	DSVT 30 S	30 mm	1 1/4"
6614-38-24	DSVT 38 S	38 mm	1 1/2"



6120/6620
RHD
 Non-return valve
 Opening pressure 1 bar
 Complete
PRODUCT GROUP 600

Part number	Type	Pipe size
6120-06-06	RHD 6 L	6 mm
6120-08-08	RHD 8 L	8 mm
6120-10-10	RHD 10 L	10 mm
6120-12-12	RHD 12 L	12 mm
6120-15-15	RHD 15 L	15 mm
6120-18-18	RHD 18 L	18 mm
6120-22-22	RHD 22 L	22 mm
6120-28-28	RHD 28 L	28 mm
6120-35-35	RHD 35 L	35 mm
6120-42-42	RHD 42 L	42 mm
6620-06-06	RHD 6 S	6 mm
6620-08-08	RHD 8 S	8 mm
6620-10-10	RHD 10 S	10 mm
6620-12-12	RHD 12 S	12 mm
6620-14-14	RHD 14 S	14 mm
6620-16-16	RHD 16 S	16 mm
6620-20-20	RHD 20 S	20 mm
6620-25-25	RHD 25 S	25 mm
6620-30-30	RHD 30 S	30 mm
6620-38-38	RHD 38 S	38 mm

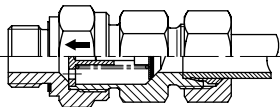


6121/6621

RHV – G

Non-return valve
Opening pressure 1 bar
Complete, ED-seal
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6121-06-02	RHV 6 L	6 mm	G 1/8"
6121-08-04	RHV 8 L	8 mm	G 1/4"
6121-10-04	RHV 10 L	10 mm	G 1/4"
6121-12-06	RHV 12 L	12 mm	G 3/8"
6121-15-08	RHV 15 L	15 mm	G 1/2"
6121-18-08	RHV 18 L	18 mm	G 1/2"
6121-22-12	RHV 22 L	22 mm	G 3/4"
6121-28-16	RHV 28 L	28 mm	G 1"
6121-35-20	RHV 35 L	35 mm	G 1 1/4"
6121-42-24	RHV 42 L	42 mm	G 1 1/2"
6621-06-04	RHV 6 S	6 mm	G 1/4"
6621-08-04	RHV 8 S	8 mm	G 1/4"
6621-10-06	RHV 10 S	10 mm	G 3/8"
6621-12-06	RHV 12 S	12 mm	G 3/8"
6621-14-08	RHV 14 S	14 mm	G 1/2"
6621-16-08	RHV 16 S	16 mm	G 1/2"
6621-20-12	RHV 20 S	20 mm	G 3/4"
6621-25-16	RHV 25 S	25 mm	G 1"
6621-30-20	RHV 30 S	30 mm	G 1 1/4"
6621-38-24	RHV 38 S	38 mm	G 1 1/2"

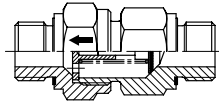


6123/6623

RHZ – G – ED

Non-return valve
Opening pressure 1 bar
Complete
PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6123-06-02	RHZ 6 L	6 mm	G 1/8"
6123-08-04	RHZ 8 L	8 mm	G 1/4"
6123-10-04	RHZ 10 L	10 mm	G 1/4"
6123-12-06	RHZ 12 L	12 mm	G 3/8"
6123-15-08	RHZ 15 L	15 mm	G 1/2"
6123-18-08	RHZ 18 L	18 mm	G 1/2"
6123-22-12	RHZ 22 L	22 mm	G 3/4"
6123-28-16	RHZ 28 L	28 mm	G 1"
6123-35-20	RHZ 35 L	35 mm	G 1 1/4"
6123-42-24	RHZ 42 L	42 mm	G 1 1/2"
6623-06-04	RHZ 6 S	6 mm	G 1/4"
6623-08-04	RHZ 8 S	8 mm	G 1/4"
6623-10-06	RHZ 10 S	10 mm	G 3/8"
6623-12-06	RHZ 12 S	12 mm	G 3/8"
6623-14-08	RHZ 14 S	14 mm	G 1/2"
6623-16-08	RHZ 16 S	16 mm	G 1/2"
6623-20-12	RHZ 20 S	20 mm	G 3/4"
6623-25-16	RHZ 25 S	25 mm	G 1"
6623-30-20	RHZ 30 S	30 mm	G 1 1/4"
6623-38-24	RHZ 38 S	38 mm	G 1 1/2"

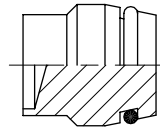


6126

RHR

Non-return valve
Opening pressure 1 bar
Complete, ED-seal
PRODUCT GROUP 600

Part number	Type	Thread
6126-04-04	RHR	G 1/4" M
6126-06-06	RHR	G 3/8" M
6126-08-08	RHR	G 1/2" M
6126-12-12	RHR	G 3/4" M
6126-16-16	RHR	G 1" M

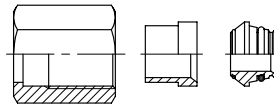


6130/6630

PL
Plug

PRODUCT GROUP 600

Part number	Type	Pipe size
6130-00-06	PL 6 L/S	6 mm
6130-00-08	PL 8 L/S	8 mm
6130-00-10	PL 10 L/S	10 mm
6130-00-12	PL 12 L/S	12 mm
6130-00-15	PL 15 L	15 mm
6130-00-18	PL 18 L	18 mm
6130-00-22	PL 22 L	22 mm
6130-00-28	PL 28 L	28 mm
6130-00-35	PL 35 L	35 mm
6130-00-42	PL 42 L	42 mm
6630-00-14	PL 14 S	14 mm
6630-00-16	PL 16 S	16 mm
6630-00-20	PL 20 S	20 mm
6630-00-25	PL 25 S	25 mm
6630-00-30	PL 30 S	30 mm
6630-00-38	PL 38 S	38 mm



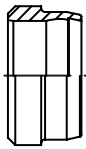
6131/6631

Adaptor kit

For cutting ring fittings
to collar 37° cone

PRODUCT GROUP 600

Part number	Type	Pipe size
6131-00-06	HOA 6 L	6 mm
6131-00-08	HOA 8 L	8 mm
6131-00-10	HOA 10 L	10 mm
6131-00-12	HOA 12 L	12 mm
6131-00-15	HOA 15 L	15 mm
6131-00-18	HOA 18 L	18 mm
6131-00-22	HOA 22 L	22 mm
6131-00-28	HOA 28 L	28 mm
6131-00-35	HOA 35 L	35 mm
6131-00-42	HOA 42 L	42 mm
6631-00-06	HOA 6 S	6 mm
6631-00-08	HOA 8 S	8 mm
6631-00-10	HOA 10 S	10 mm
6631-00-12	HOA 12 S	12 mm
6631-00-14	HOA 14 S	14 mm
6631-00-16	HOA 16 S	16 mm
6631-00-20	HOA 20 S	20 mm
6631-00-25	HOA 25 S	25 mm
6631-00-30	HOA 30 S	30 mm
6631-00-38	HOA 38 S	38 mm

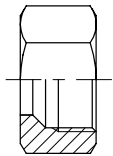


6149/6649

D
Cutting ring

PRODUCT GROUP 600

Part number	Type	Pipe size
6149-01-06	D 6 L/S	6 mm
6149-01-08	D 8 L/S	8 mm
6149-01-10	D 10 L/S	10 mm
6149-01-12	D 12 L/S	12 mm
6149-01-15	D 15 L	15 mm
6149-01-18	D 18 L	18 mm
6149-01-22	D 22 L	22 mm
6149-01-28	D 28 L	28 mm
6149-01-35	D 35 L	35 mm
6149-01-42	D 42 L	42 mm
6649-01-14	D 14 S	14 mm
6649-01-16	D 16 S	16 mm
6649-01-20	D 20 S	20 mm
6649-01-25	D 25 S	25 mm
6649-01-30	D 30 S	30 mm
6649-01-38	D 38 S	38 mm

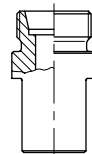


6150/6650

M
Nut

PRODUCT GROUP 600

Part number	Type	Pipe size	Thread
6150-00-06	M 6 L	6 mm	M 12 x 1.5
6150-00-08	M 8 L	8 mm	M 14 x 1.5
6150-00-10	M 10 L	10 mm	M 16 x 1.5
6150-00-12	M 12 L	12 mm	M 18 x 1.5
6150-00-15	M 15 L	15 mm	M 22 x 1.5
6150-00-18	M 18 L	18 mm	M 26 x 1.5
6150-00-22	M 22 L	22 mm	M 30 x 2.0
6150-00-28	M 28 L	28 mm	M 36 x 2.0
6150-00-35	M 35 L	35 mm	M 45 x 2.0
6150-00-42	M 42 L	42 mm	M 52 x 2.0
6650-00-06	M 6 S	6 mm	M 14 x 1.5
6650-00-08	M 8 S	8 mm	M 16 x 1.5
6650-00-10	M 10 S	10 mm	M 18 x 1.5
6650-00-12	M 12 S	12 mm	M 20 x 1.5
6650-00-14	M 14 S	14 mm	M 22 x 1.5
6650-00-16	M 16 S	16 mm	M 24 x 1.5
6650-00-20	M 20 S	20 mm	M 30 x 2.0
6650-00-25	M 25 S	25 mm	M 36 x 2.0
6650-00-30	M 30 S	30 mm	M 42 x 2.0
6650-00-38	M 38 S	38 mm	M 52 x 2.0

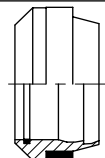


6151/6651

FM
Pre-installation dies

PRODUCT GROUP 900

Part number	Type	Pipe size
6151-00-06	FM 6 L	6 mm
6151-00-08	FM 8 L	8 mm
6151-00-10	FM 10 L	10 mm
6151-00-12	FM 12 L	12 mm
6151-00-15	FM 15 L	15 mm
6151-00-18	FM 18 L	18 mm
6151-00-22	FM 22 L	22 mm
6151-00-28	FM 28 L	28 mm
6151-00-35	FM 35 L	35 mm
6151-00-42	FM 42 L	42 mm
6651-00-06	FM 6 S	6 mm
6651-00-08	FM 8 S	8 mm
6651-00-10	FM 10 S	10 mm
6651-00-12	FM 12 S	12 mm
6651-00-14	FM 14 S	14 mm
6651-00-16	FM 16 S	16 mm
6651-00-20	FM 20 S	20 mm
6651-00-25	FM 25 S	25 mm
6651-00-30	FM 30 S	30 mm
6651-00-38	FM 38 S	38 mm



6152/6652

D-ED B4
Cutting ring and soft seal for nut

PRODUCT GROUP 600

Part number	Type	Pipe size
6152-03-06	D - ED B4 6 L	6 mm
6152-03-08	D - ED B4 8 L	8 mm
6152-03-10	D - ED B4 10 L	10 mm
6152-03-12	D - ED B4 12 L	12 mm
6152-03-15	D - ED B4 15 L	15 mm
6152-03-18	D - ED B4 18 L	18 mm
6152-03-22	D - ED B4 22 L	22 mm
6152-03-28	D - ED B4 28 L	28 mm
6152-03-35	D - ED B4 35 L	35 mm
6152-03-42	D - ED B4 42 L	42 mm
6652-03-06	D - ED B4 6 S	6 mm
6652-03-08	D - ED B4 8 S	8 mm
6652-03-10	D - ED B4 10 S	10 mm
6652-03-12	D - ED B4 12 S	12 mm
6652-03-14	D - ED B4 14 S	14 mm
6652-03-16	D - ED B4 16 S	16 mm
6652-03-20	D - ED B4 20 S	20 mm
6652-03-25	D - ED B4 25 S	25 mm
6652-03-30	D - ED B4 30 S	30 mm
6652-03-38	D - ED B4 38 S	38 mm

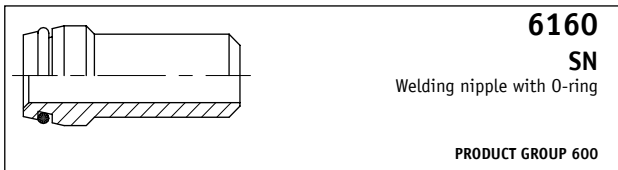




6153
GM – Locking nut
 For type 6045/6046

PRODUCT GROUP 600

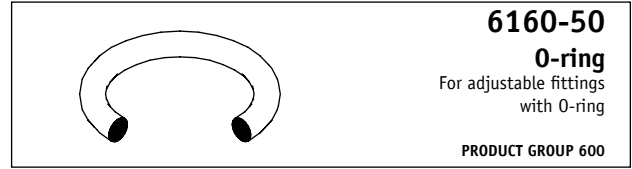
Part number	Type	Size	Thread
6153-00-12	Locking nut	6 L	M 12 x 1.5
6153-00-14	Locking nut	8 L/6 S	M 14 x 1.5
6153-00-16	Locking nut	10 L/8 S	M 16 x 1.5
6153-00-18	Locking nut	12 L/10 S	M 18 x 1.5
6153-00-20	Locking nut	12 S	M 20 x 1.5
6153-00-22	Locking nut	15 L/14 S	M 22 x 1.5
6153-00-24	Locking nut	16 S	M 24 x 1.5
6153-00-26	Locking nut	18 S	M 26 x 1.5
6153-00-30	Locking nut	22 L/20 S	M 30 x 2.0
6153-00-36	Locking nut	28 L/25 S	M 36 x 2.0
6153-00-42	Locking nut	30 S	M 42 x 2.0
6153-00-45	Locking nut	35 S	M 45 x 2.0
6153-00-52	Locking nut	42 L/38 S	M 52 x 2.0



6160
SN
 Welding nipple with O-ring

PRODUCT GROUP 600

Part number	Type	Pipe size	Thickness
6160-06-15	SN 6	6 mm	1.75 mm
6160-08-15	SN 8	8 mm	1.50 mm
6160-10-15	SN 10	10 mm	1.50 mm
6160-10-20	SN 10	10 mm	2.00 mm
6160-12-15	SN 12	12 mm	1.50 mm
6160-12-20	SN 12	12 mm	2.00 mm
6160-12-25	SN 12	12 mm	2.50 mm
6160-16-20	SN 16	16 mm	2.00 mm
6160-16-25	SN 16	16 mm	2.50 mm
6160-16-30	SN 16	16 mm	3.00 mm
6160-20-25	SN 20	20 mm	2.50 mm
6160-20-30	SN 20	20 mm	3.00 mm
6160-20-40	SN 20	20 mm	4.00 mm
6160-22-25	SN 22	22 mm	2.50 mm
6160-25-30	SN 25	25 mm	3.00 mm
6160-25-40	SN 25	25 mm	4.00 mm
6160-30-30	SN 30	30 mm	3.00 mm
6160-30-40	SN 30	30 mm	4.00 mm
6160-30-50	SN 30	30 mm	5.00 mm
6160-38-40	SN 38	38 mm	4.00 mm
6160-38-50	SN 38	38 mm	5.00 mm
6160-42-30	SN 42	42 mm	3.00 mm



6160-50
O-ring
 For adjustable fittings with O-ring

PRODUCT GROUP 600

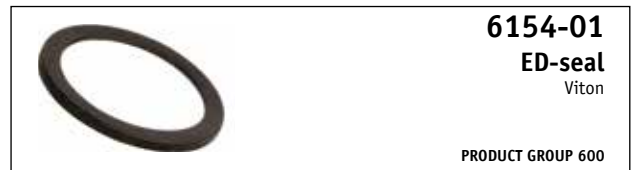
Part number	Type	Pipe size
6160-50-06	O-ring SN 6	6 mm
6160-50-08	O-ring SN 8	8 mm
6160-50-10	O-ring SN 10	10 mm
6160-50-12	O-ring SN 12	12 mm
6160-50-16	O-ring SN 16	16 mm
6160-50-20	O-ring SN 20	20 mm
6160-50-25	O-ring SN 25	25 mm
6160-50-30	O-ring SN 30	30 mm
6160-50-38	O-ring SN 38	38 mm



6154-00
ED-seal
 NBR

PRODUCT GROUP 600

Part number	Type	Dim.
6154-00-02	Seal NBR	1/8"
6154-00-04	Seal NBR	1/4"
6154-00-06	Seal NBR	3/8"
6154-00-08	Seal NBR	1/2"
6154-00-12	Seal NBR	3/4"
6154-00-16	Seal NBR	1"
6154-00-20	Seal NBR	1 1/4"
6154-00-24	Seal NBR	1 1/2"



6154-01
ED-seal
 Viton

PRODUCT GROUP 600

Part number	Type	Dim.
6154-01-04	Seal Viton	1/4"
6154-01-06	Seal Viton	3/8"
6154-01-08	Seal Viton	1/2"
6154-01-12	Seal Viton	3/4"
6154-01-16	Seal Viton	1"
6154-01-20	Seal Viton	1 1/4"
6154-01-24	Seal Viton	1 1/2"

Certified assembly on high pressure hoses - quick deliveries!



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HYDROSCAND ADAPTORS

PRODUCT GROUP 700 AND 300

Hydroscand can offer a wide range of adaptors (connector nipples) for different purposes such as:

- transformation between small and large thread dimensions;
- swivel transformation for solid threads;
- connecting hoses or pipes with threads in valves, pumps and cylinders;
- transformation between different thread systems
- bulkhead connection for hoses
- branching pipes or hoses with T-connections;
- sealing off pipes, hoses or thread endings.

Our adaptors are normally manufactured in carbon steel of hydraulic quality, i.e. in a crack tested material. The standard surface treatment is E-Coated, which is the name of the surface treatment we use on our fittings. This surface treatment is CR 6-free and is therefore better for both the environment and personal health.

Elbow and T-adaptors are normally brazed but some are available in forged design.

When dealing with higher pressures, avoid if possible adaptors with R- or NPTF-thread since these are harder to seal and often crack the parts when tightened too excessively.

Hydroscand reserves the right to modify any or all parts of this catalogue without any prior notice.


TECHNICAL SPECIFICATION - ADAPTORS

Material: Steel

Surface treatment: E-coated Fe/Zn 8 P1T

Temperature range: -40° - +155° C

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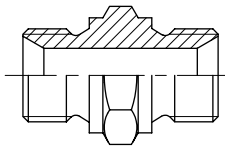


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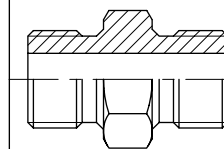




7002
G M X G M
60° cone sealing

PRODUCT GROUP 700

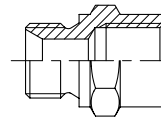
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7002-02-02	G 1/8" M	G 1/8" M
7002-02-04	G 1/8" M	G 1/4" M
7002-02-06	G 1/8" M	G 3/8" M
7002-02-08	G 1/8" M	G 1/2" M
7002-04-04	G 1/4" M	G 1/4" M
7002-04-06	G 1/4" M	G 3/8" M
7002-04-08	G 1/4" M	G 1/2" M
7002-04-12	G 1/4" M	G 3/4" M
7002-06-06	G 3/8" M	G 3/8" M
7002-06-08	G 3/8" M	G 1/2" M
7002-06-10	G 3/8" M	G 5/8" M
7002-06-12	G 3/8" M	G 3/4" M
7002-06-16	G 3/8" M	G 1" M
7002-08-08	G 1/2" M	G 1/2" M
7002-08-10	G 1/2" M	G 5/8" M
7002-08-12	G 1/2" M	G 3/4" M
7002-08-16	G 1/2" M	G 1" M
7002-08-20	G 1/2" M	G 1 1/4" M
7002-10-10	G 5/8" M	G 5/8" M
7002-10-12	G 5/8" M	G 3/4" M
7002-12-12	G 3/4" M	G 3/4" M
7002-12-16	G 3/4" M	G 1" M
7002-12-20	G 3/4" M	G 1 1/4" M
7002-16-16	G 1" M	G 1" M
7002-16-20	G 1" M	G 1 1/4" M
7002-16-24	G 1" M	G 1 1/2" M
7002-16-32	G 1" M	G 2" M
7002-20-20	G 1 1/4" M	G 1 1/4" M
7002-20-24	G 1 1/4" M	G 1 1/2" M
7002-20-32	G 1 1/4" M	G 2" M
7002-24-24	G 1 1/2" M	G 1 1/2" M
7002-24-32	G 1 1/2" M	G 2" M
7002-32-32	G 2" M	G 2" M
7002-32-40	G 2" M	G 2 1/2" M
7002-32-48	G 2" M	G 3" M



7003
G M X G M
Flat face sealing

PRODUCT GROUP 700

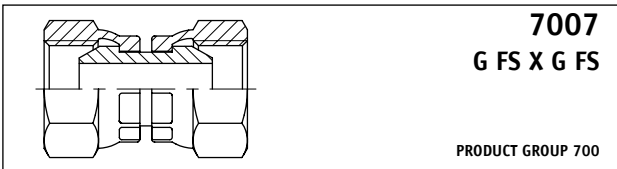
Part number	Thread 1	Thread 2
7003-08-08	G 1/2" M	G 1/2" M
7003-12-12	G 3/4" M	G 3/4" M



7005
G M X G F
60° cone sealing

PRODUCT GROUP 700

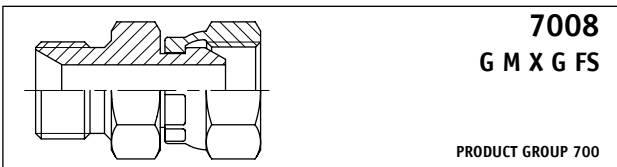
Part number	Thread 1	Thread 2
7005-02-02	G 1/8" M	G 1/8" F
7005-02-04	G 1/8" M	G 1/4" F
7005-04-02	G 1/4" M	G 1/8" F
7005-04-04	G 1/4" M	G 1/4" F
7005-04-06	G 1/4" M	G 3/8" F
7005-06-04	G 3/8" M	G 1/4" F
7005-06-06	G 3/8" M	G 3/8" F
7005-06-08	G 3/8" M	G 1/2" F
7005-08-06	G 1/2" M	G 3/8" F
7005-08-08	G 1/2" M	G 1/2" F
7005-08-10	G 1/2" M	G 5/8" F
7005-08-12	G 1/2" M	G 3/4" F
7005-10-08	G 5/8" M	G 1/2" F
7005-10-10	G 5/8" M	G 5/8" F
7005-10-12	G 5/8" M	G 3/4" F
7005-12-08	G 3/4" M	G 1/2" F
7005-12-12	G 3/4" M	G 3/4" F
7005-12-16	G 3/4" M	G 1" F
7005-16-12	G 1" M	G 3/4" F
7005-16-16	G 1" M	G 1" F
7005-16-20	G 1" M	G 1 1/4" F
7005-16-32	G 1" M	G 2" F
7005-20-16	G 1 1/4" M	G 1" F
7005-20-20	G 1 1/4" M	G 1 1/4" F
7005-20-24	G 1 1/4" M	G 1 1/2" F
7005-20-32	G 1 1/4" M	G 2" F
7005-24-20	G 1 1/2" M	G 1 1/4" F
7005-24-24	G 1 1/2" M	G 1 1/2" F
7005-24-32	G 1 1/2" M	G 2" F
7005-32-24	G 2" M	G 1 1/2" F



7007
G FS X G FS

PRODUCT GROUP 700

Part number	Thread 1	Thread 2
7007-02-02	G 1/8" FS	G 1/8" FS
7007-02-04	G 1/8" FS	G 1/4" FS
7007-04-04	G 1/4" FS	G 1/4" FS
7007-04-06	G 1/4" FS	G 3/8" FS
7007-04-08	G 1/4" FS	G 1/2" FS
7007-06-06	G 3/8" FS	G 3/8" FS
7007-06-08	G 3/8" FS	G 1/2" FS
7007-08-08	G 1/2" FS	G 1/2" FS
7007-08-10	G 1/2" FS	G 5/8" FS
7007-08-12	G 1/2" FS	G 3/4" FS
7007-10-10	G 5/8" FS	G 5/8" FS
7007-10-12	G 5/8" FS	G 3/4" FS
7007-12-12	G 3/4" FS	G 3/4" FS
7007-12-16	G 3/4" FS	G 1" FS
7007-16-16	G 1" FS	G 1" FS
7007-20-20	G 1 1/4" FS	G 1 1/4" FS
7007-24-24	G 1 1/2" FS	G 1 1/2" FS
7007-32-32	G 2" FS	G 2" FS



7008
G M X G FS

PRODUCT GROUP 700

Part number	Thread 1	Thread 2
7008-02-02	G 1/8" M	G 1/8" FS
7008-02-04	G 1/8" M	G 1/4" FS
7008-04-02	G 1/4" M	G 1/8" FS
7008-04-04	G 1/4" M	G 1/4" FS
7008-04-06	G 1/4" M	G 3/8" FS
7008-04-08	G 1/4" M	G 1/2" FS
7008-06-04	G 3/8" M	G 1/4" FS
7008-06-06	G 3/8" M	G 3/8" FS
7008-06-08	G 3/8" M	G 1/2" FS
7008-06-10	G 3/8" M	G 5/8" FS
7008-08-04	G 1/2" M	G 1/4" FS
7008-08-06	G 1/2" M	G 3/8" FS
7008-08-08	G 1/2" M	G 1/2" FS
7008-08-10	G 1/2" M	G 5/8" FS
7008-08-12	G 1/2" M	G 3/4" FS
7008-10-08	G 5/8" M	G 1/2" FS
7008-10-10	G 5/8" M	G 5/8" FS
7008-10-12	G 5/8" M	G 3/4" FS
7008-12-06	G 3/4" M	G 3/8" FS
7008-12-08	G 3/4" M	G 1/2" FS
7008-12-10	G 3/4" M	G 5/8" FS
7008-12-12	G 3/4" M	G 3/4" FS
7008-12-16	G 3/4" M	G 1" FS
7008-16-08	G 1" M	G 1/2" FS
7008-16-12	G 1" M	G 3/4" FS
7008-16-16	G 1" M	G 1" FS
7008-16-20	G 1" M	G 1 1/4" FS
7008-20-16	G 1 1/4" M	G 1" FS
7008-20-20	G 1 1/4" M	G 1 1/4" FS
7008-20-24	G 1 1/4" M	G 1 1/2" FS
7008-24-20	G 1 1/2" M	G 1 1/4" FS
7008-24-24	G 1 1/2" M	G 1 1/2" FS
7008-24-32	G 1 1/2" M	G 2" FS
7008-32-32	G 2" M	G 2" FS



7009*
G M X G F long

PRODUCT GROUP 700

Part number	Thread 1	Thread 2
7009-02-04	G 1/8" M	G 1/4" F
7009-02-06	G 1/8" M	G 3/8" F
7009-04-02	G 1/4" M	G 1/8" F
7009-04-06	G 1/4" M	G 3/8" F
7009-04-08	G 1/4" M	G 1/2" F
7009-04-12	G 1/4" M	G 3/4" F
7009-06-04	G 3/8" M	G 1/4" F
7009-06-08	G 3/8" M	G 1/2" F
7009-06-12	G 3/8" M	G 3/4" F
7009-08-06	G 1/2" M	G 3/8" F
7009-08-12	G 1/2" M	G 3/4" F
7009-08-16	G 1/2" M	G 1" F
7009-08-20	G 1/2" M	G 1 1/4" F
7009-12-08	G 3/4" M	G 1/2" F
7009-12-16	G 3/4" M	G 1" F
7009-12-20	G 3/4" M	G 1 1/4" F
7009-12-24	G 3/4" M	G 1 1/2" F
7009-16-12	G 1" M	G 3/4" F
7009-16-20	G 1" M	G 1 1/4" F
7009-16-24	G 1" M	G 1 1/2" F
7009-20-16	G 1 1/4" M	G 1" F
7009-20-24	G 1 1/4" M	G 1 1/2" F
7009-24-20	G 1 1/2" M	G 1 1/4" F

*Available in a improved version with ED seal, see 7018.



7010*
G M X G F short

PRODUCT GROUP 700

Part number	Thread 1	Thread 2
7010-06-02	G 3/8" M	G 1/8" F
7010-08-02	G 1/2" M	G 1/8" F
7010-08-04	G 1/2" M	G 1/4" F
7010-12-04	G 3/4" M	G 1/4" F
7010-12-06	G 3/4" M	G 3/8" F
7010-12-08	G 3/4" M	G 1/2" F
7010-16-04	G 1" M	G 1/4" F
7010-16-06	G 1" M	G 3/8" F
7010-16-08	G 1" M	G 1/2" F
7010-20-08	G 1 1/4" M	G 1/2" F
7010-20-12	G 1 1/4" M	G 3/4" F
7010-24-08	G 1 1/2" M	G 1/2" F
7010-24-12	G 1 1/2" M	G 3/4" F
7010-24-16	G 1 1/2" M	G 1" F
7010-32-08	G 2" M	G 1/2" F
7010-32-20	G 2" M	G 1 1/4" F

*Available in a improved version with ED seal, see 7017

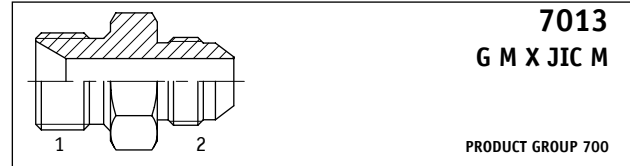




7011
G F X G F

PRODUCT GROUP 700

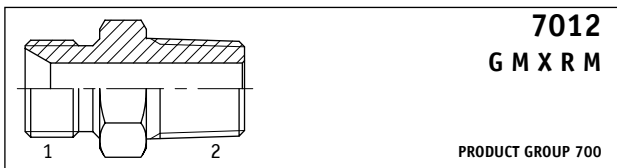
Part number	Thread 1	Thread 2
7011-02-02	G 1/8" F	G 1/8" F
7011-02-04	G 1/8" F	G 1/4" F
7011-02-06	G 1/8" F	G 3/8" F
7011-04-04	G 1/4" F	G 1/4" F
7011-04-06	G 1/4" F	G 3/8" F
7011-04-08	G 1/4" F	G 1/2" F
7011-06-06	G 3/8" F	G 3/8" F
7011-06-08	G 3/8" F	G 1/2" F
7011-06-12	G 3/8" F	G 3/4" F
7011-08-08	G 1/2" F	G 1/2" F
7011-08-10	G 1/2" F	G 5/8" F
7011-08-12	G 1/2" F	G 3/4" F
7011-08-16	G 1/2" F	G 1" F
7011-10-10	G 5/8" F	G 5/8" F
7011-10-12	G 5/8" F	G 3/4" F
7011-12-12	G 3/4" F	G 3/4" F
7011-12-16	G 3/4" F	G 1" F
7011-16-16	G 1" F	G 1" F
7011-16-20	G 1" F	G 1 1/4" F
7011-20-20	G 1 1/4" F	G 1 1/4" F
7011-20-24	G 1 1/4" F	G 1 1/2" F
7011-24-24	G 1 1/2" F	G 1 1/2" F
7011-24-32	G 1 1/2" F	G 2" F
7011-32-32	G 2" F	G 2" F



7013
G M X JIC M

PRODUCT GROUP 700

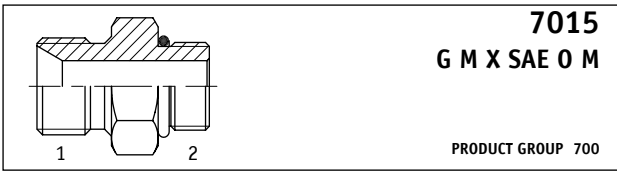
Part number	Thread 1	Thread 2
7013-02-07	G 1/8" M	JIC 7/16" M
7013-02-08	G 1/8" M	JIC 1/2" M
7013-04-06	G 1/4" M	JIC 3/8" M
7013-04-07	G 1/4" M	JIC 7/16" M
7013-04-08	G 1/4" M	JIC 1/2" M
7013-04-09	G 1/4" M	JIC 9/16" M
7013-04-12	G 1/4" M	JIC 3/4" M
7013-04-14	G 1/4" M	JIC 7/8" M
7013-06-07	G 3/8" M	JIC 7/16" M
7013-06-08	G 3/8" M	JIC 1/2" M
7013-06-09	G 3/8" M	JIC 9/16" M
7013-06-12	G 3/8" M	JIC 3/4" M
7013-06-14	G 3/8" M	JIC 7/8" M
7013-08-07	G 1/2" M	JIC 7/16" M
7013-08-08	G 1/2" M	JIC 1/2" M
7013-08-09	G 1/2" M	JIC 9/16" M
7013-08-12	G 1/2" M	JIC 3/4" M
7013-08-14	G 1/2" M	JIC 7/8" M
7013-08-17	G 1/2" M	JIC 1 1/16" M
7013-08-19	G 1/2" M	JIC 1 3/16" M
7013-08-21	G 1/2" M	JIC 1 5/16" M
7013-10-12	G 5/8" M	JIC 3/4" M
7013-10-14	G 5/8" M	JIC 7/8" M
7013-10-17	G 5/8" M	JIC 1 1/16" M
7013-10-21	G 5/8" M	JIC 1 5/16" M
7013-12-09	G 3/4" M	JIC 9/16" M
7013-12-12	G 3/4" M	JIC 3/4" M
7013-12-14	G 3/4" M	JIC 7/8" M
7013-12-17	G 3/4" M	JIC 1 1/16" M
7013-12-19	G 3/4" M	JIC 1 3/16" M
7013-12-21	G 3/4" M	JIC 1 5/16" M
7013-16-14	G 1" M	JIC 7/8" M
7013-16-17	G 1" M	JIC 1 1/16" M
7013-16-19	G 1" M	JIC 1 3/16" M
7013-16-21	G 1" M	JIC 1 5/16" M
7013-16-26	G 1" M	JIC 1 5/8" M
7013-16-30	G 1" M	JIC 1 7/8" M
7013-20-26	G 1 1/4" M	JIC 1 5/8" M
7013-24-26	G 1 1/2" M	JIC 1 5/8" M
7013-24-30	G 1 1/2" M	JIC 1 7/8" M
7013-32-40	G 2" M	JIC 2 1/2" M



7012
G M X R M

PRODUCT GROUP 700

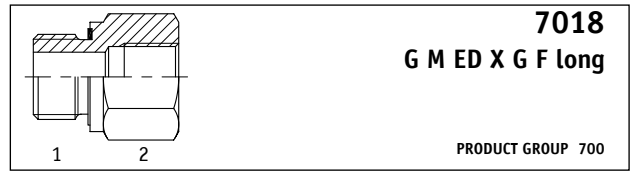
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7012-02-02	G 1/8" M	R 1/8" M
7012-02-04	G 1/8" M	R 1/4" M
7012-04-02	G 1/4" M	R 1/8" M
7012-04-04	G 1/4" M	R 1/4" M
7012-04-06	G 1/4" M	R 3/8" M
7012-04-08	G 1/4" M	R 1/2" M
7012-06-04	G 3/8" M	R 1/4" M
7012-06-06	G 3/8" M	R 3/8" M
7012-06-08	G 3/8" M	R 1/2" M
7012-06-12	G 3/8" M	R 3/4" M
7012-08-06	G 1/2" M	R 3/8" M
7012-08-08	G 1/2" M	R 1/2" M
7012-08-10	G 1/2" M	R 5/8" M
7012-08-12	G 1/2" M	R 3/4" M
7012-10-10	G 5/8" M	R 5/8" M
7012-10-12	G 5/8" M	R 3/4" M
7012-12-04	G 3/4" M	R 1/4" M
7012-12-06	G 3/4" M	R 3/8" M
7012-12-08	G 3/4" M	R 1/2" M
7012-12-12	G 3/4" M	R 3/4" M
7012-12-16	G 3/4" M	R 1" M
7012-16-12	G 1" M	R 3/4" M
7012-16-16	G 1" M	R 1" M
7012-16-20	G 1" M	R 1 1/4" M
7012-20-12	G 1 1/4" M	R 3/4" M
7012-20-20	G 1 1/4" M	R 1 1/4" M
7012-24-24	G 1 1/2" M	R 1 1/2" M
7012-32-32	G 2" M	R 2" M



7015
G M X SAE O M

PRODUCT GROUP 700

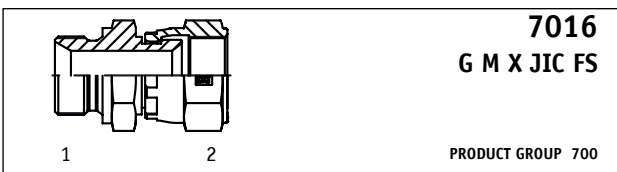
Part number	Thread 1	Thread 2
7015-04-07	G 1/4" M	SAE 7/16"
7015-04-08	G 1/4" M	SAE 1/2"
7015-04-09	G 1/4" M	SAE 9/16"
7015-04-12	G 1/4" M	SAE 3/4"
7015-06-09	G 3/8" M	SAE 9/16"
7015-06-12	G 3/8" M	SAE 3/4"
7015-06-14	G 3/8" M	SAE 7/8"
7015-08-12	G 1/2" M	SAE 3/4"
7015-08-14	G 1/2" M	SAE 7/8"
7015-08-17	G 1/2" M	SAE 1 1/16"
7015-08-21	G 1/2" M	SAE 1 5/16"
7015-10-14	G 5/8" M	SAE 7/8"
7015-10-17	G 5/8" M	SAE 1 1/16"
7015-12-17	G 3/4" M	SAE 1 1/16"
7015-12-19	G 3/4" M	SAE 1 3/16"
7015-12-21	G 3/4" M	SAE 1 5/16"
7015-16-19	G 1" M	SAE 1 3/16"
7015-16-21	G 1" M	SAE 1 5/16"
7015-16-26	G 1" M	SAE 1 5/8"
7015-20-26	G 1 1/4" M	SAE 1 5/8"



7018
G M ED X G F long

PRODUCT GROUP 700

Part number	Thread 1	Thread 2
7018-02-04	G 1/8" M ED	G 1/4" F
7018-02-06	G 1/8" M ED	G 3/8" F
7018-04-02	G 1/4" M ED	G 1/8" F
7018-04-06	G 1/4" M ED	G 3/8" F
7018-04-08	G 1/4" M ED	G 1/2" F
7018-04-12	G 1/4" M ED	G 3/4" F
7018-06-04	G 3/8" M ED	G 1/4" F
7018-06-08	G 3/8" M ED	G 1/2" F
7018-06-12	G 3/8" M ED	G 3/4" F
7018-08-06	G 1/2" M ED	G 3/8" F
7018-08-12	G 1/2" M ED	G 3/4" F
7018-08-16	G 1/2" M ED	G 1" F
7018-08-20	G 1/2" M ED	G 1 1/4" F
7018-12-08	G 3/4" M ED	G 1/2" F
7018-12-16	G 3/4" M ED	G 1" F
7018-12-20	G 3/4" M ED	G 1 1/4" F
7018-12-24	G 3/4" M ED	G 1 1/2" F
7018-16-12	G 1" M ED	G 3/4" F
7018-16-20	G 1" M ED	G 1 1/4" F
7018-16-24	G 1" M ED	G 1 1/2" F
7018-20-16	G 1 1/4" M ED	G 1" F
7018-20-24	G 1 1/4" M ED	G 1 1/2" F
7018-24-20	G 1 1/2" M ED	G 1 1/4" F



7016
G M X JIC FS

PRODUCT GROUP 700

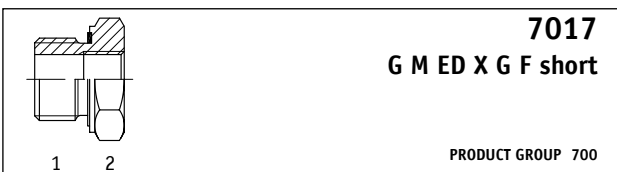
Part number	Thread 1	Thread 2
7016-04-09	G 1/4" M	JIC 9/16" FS
7016-06-12	G 3/8" M	JIC 3/4" FS
7016-08-12	G 1/2" M	JIC 3/4" FS
7016-08-14	G 1/2" M	JIC 7/8" FS
7016-12-21	G 3/4" M	JIC 1 5/16" FS
7016-16-21	G 1" M	JIC 1 5/16" FS



7019
G M X M M

PRODUCT GROUP 700

Part number	Thread 1	Thread 2
7019-02-10	G 1/8" M	M 10 x 1,0 M
7019-02-12	G 1/8" M	M 12 x 1,5 M
7019-04-10	G 1/4" M	M 10 x 1,0 M
7019-04-12	G 1/4" M	M 12 x 1,5 M
7019-04-14	G 1/4" M	M 14 x 1,5 M
7019-04-16	G 1/4" M	M 16 x 1,5 M
7019-04-18	G 1/4" M	M 18 x 1,5 M
7019-06-12	G 3/8" M	M 12 x 1,5 M
7019-06-14	G 3/8" M	M 14 x 1,5 M
7019-06-16	G 3/8" M	M 16 x 1,5 M
7019-06-18	G 3/8" M	M 18 x 1,5 M
7019-06-20	G 3/8" M	M 20 x 1,5 M
7019-06-22	G 3/8" M	M 22 x 1,5 M
7019-08-16	G 1/2" M	M 16 x 1,5 M
7019-08-18	G 1/2" M	M 18 x 1,5 M
7019-08-20	G 1/2" M	M 20 x 1,5 M
7019-08-22	G 1/2" M	M 22 x 1,5 M
7019-08-26	G 1/2" M	M 26 x 1,5 M
7019-08-27	G 1/2" M	M 27 x 1,5 M
7019-10-26	G 5/8" M	M 26 x 1,5 M
7019-12-16	G 3/4" M	M 16 x 1,5 M
7019-12-18	G 3/4" M	M 18 x 1,5 M
7019-12-22	G 3/4" M	M 22 x 1,5 M
7019-12-26	G 3/4" M	M 26 x 1,5 M
7019-12-27	G 3/4" M	M 27 x 1,5 M
7019-12-30	G 3/4" M	M 30 x 1,5 M
7019-16-22	G 1" M	M 22 x 1,5 M
7019-16-33	G 1" M	M 33 x 2,0 M
7019-16-36	G 1" M	M 36 x 2,0 M
7019-20-52	G 1 1/4" M	M 52 x 1,5 M

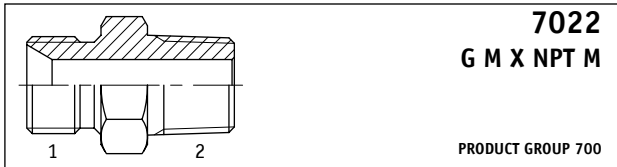


7017
G M ED X G F short

PRODUCT GROUP 700

Part number	Thread 1	Thread 2
7017-06-02	G 3/8" M ED	G 1/8" F
7017-08-02	G 1/2" M ED	G 1/8" F
7017-08-04	G 1/2" M ED	G 1/4" F
7017-12-04	G 3/4" M ED	G 1/4" F
7017-12-06	G 3/4" M ED	G 3/8" F
7017-16-04	G 1" M ED	G 1/4" F
7017-16-06	G 1" M ED	G 3/8" F
7017-16-08	G 1" M ED	G 1/2" F
7017-20-08	G 1 1/4" M ED	G 1/2" F
7017-20-12	G 1 1/4" M ED	G 3/4" F
7017-24-08	G 1 1/2" M ED	G 1/2" F
7017-24-12	G 1 1/2" M ED	G 3/4" F
7017-24-16	G 1 1/2" M ED	G 1" F

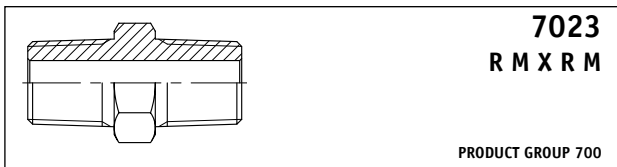




7022
G M X NPT M

PRODUCT GROUP 700

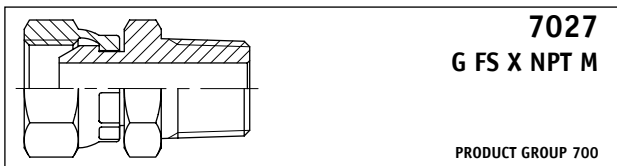
Part number	Thread 1	Thread 2
7022-02-02	G 1/8" M	1/8"-27 NPT M
7022-04-02	G 1/4" M	1/8"-27 NPT M
7022-04-04	G 1/4" M	1/4"-18 NPT M
7022-04-06	G 1/4" M	3/8"-18 NPT M
7022-04-08	G 1/4" M	1/2"-14 NPT M
7022-06-04	G 3/8" M	1/4"-18 NPT M
7022-06-06	G 3/8" M	3/8"-18 NPT M
7022-06-08	G 3/8" M	1/2"-14 NPT M
7022-06-12	G 3/8" M	3/4"-14 NPT M
7022-08-06	G 1/2" M	3/8"-18 NPT M
7022-08-08	G 1/2" M	1/2"-14 NPT M
7022-08-12	G 1/2" M	3/4"-14 NPT M
7022-08-16	G 1/2" M	1"-11½ NPT M
7022-10-08	G 5/8" M	1/2"-14 NPT M
7022-12-04	G 3/4" M	1/4"-18 NPT M
7022-12-06	G 3/4" M	3/8"-18 NPT M
7022-12-08	G 3/4" M	1/2"-14 NPT M
7022-12-12	G 3/4" M	3/4"-14 NPT M
7022-12-16	G 3/4" M	1"-11½ NPT M
7022-16-08	G 1" M	1/2"-14 NPT M
7022-16-12	G 1" M	3/4"-14 NPT M
7022-16-16	G 1" M	1"-11½ NPT M
7022-16-20	G 1" M	1 1/4"-11½ NPT M
7022-16-24	G 1" M	1 1/2"-11½ NPT M
7022-20-20	G 1 1/4" M	1 1/4"-11½ NPT M
7022-24-16	G 1 1/2" M	1"-11½ NPT M
7022-24-24	G 1 1/2" M	1 1/2"-11½ NPT M
7022-32-24	G 2" M	1 1/2"-11½ NPT M
7022-32-32	G 2" M	2"-11½ NPT M



7023
R M X R M

PRODUCT GROUP 700

Part number	Thread 1	Thread 2
7023-04-04	R 1/4" M	R 1/4" M
7023-04-08	R 1/4" M	R 1/2" M
7023-06-06	R 3/8" M	R 3/8" M
7023-08-08	R 1/2" M	R 1/2" M
7023-16-16	R 1" M	R 1" M



7027
G FS X NPT M

PRODUCT GROUP 700

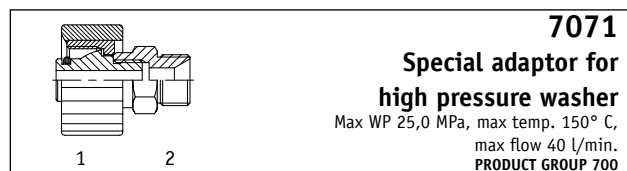
Part number	Thread 1	Thread 2
7027-02-04	G 1/8" FS	1/4"-18 NPT M
7027-04-02	G 1/4" FS	1/8"-27 NPT M
7027-04-04	G 1/4" FS	1/4"-18 NPT M
7027-06-06	G 3/8" FS	3/8"-18 NPT M
7027-08-08	G 1/2" FS	1/2"-14 NPT M



7070
M M X M M

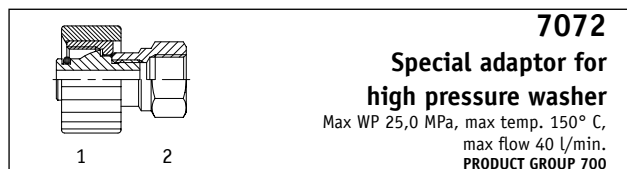
PRODUCT GROUP 700

Part number	Thread 1	Thread 2
7070-10-10	M 10 x 1,0 M	M 10 x 1,0 M
7070-10-12	M 10 x 1,0 M	M 12 x 1,5 M
7070-12-12	M 12 x 1,5 M	M 12 x 1,5 M
7070-12-14	M 12 x 1,5 M	M 14 x 1,5 M
7070-12-16	M 12 x 1,5 M	M 16 x 1,5 M
7070-14-14	M 14 x 1,5 M	M 14 x 1,5 M
7070-14-16	M 14 x 1,5 M	M 16 x 1,5 M
7070-14-18	M 14 x 1,5 M	M 18 x 1,5 M
7070-16-16	M 16 x 1,5 M	M 16 x 1,5 M
7070-16-18	M 16 x 1,5 M	M 18 x 1,5 M
7070-16-22	M 16 x 1,5 M	M 22 x 1,5 M
7070-18-18	M 18 x 1,5 M	M 18 x 1,5 M
7070-18-20	M 18 x 1,5 M	M 20 x 1,5 M
7070-18-22	M 18 x 1,5 M	M 22 x 1,5 M
7070-18-26	M 18 x 1,5 M	M 26 x 1,5 M
7070-22-22	M 22 x 1,5 M	M 22 x 1,5 M
7070-22-30	M 22 x 1,5 M	M 30 x 1,5 M
7070-26-26	M 26 x 1,5 M	M 26 x 1,5 M
7070-30-30	M 30 x 1,5 M	M 30 x 1,5 M



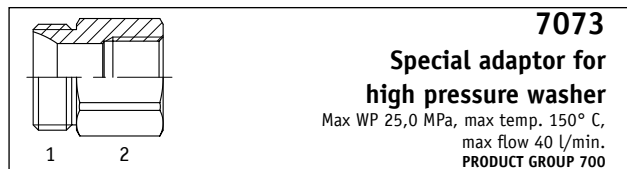
7071
Special adaptor for high pressure washer
Max WP 25,0 MPa, max temp. 150° C, max flow 40 l/min.
PRODUCT GROUP 700

Part number	Thread 1	Thread 2
7071-22-04	M 22 x 1,5 FS	G 1/4" M
7071-22-06	M 22 x 1,5 FS	G 3/8" M



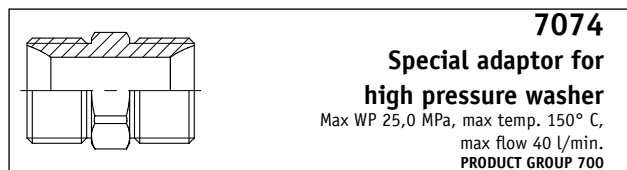
7072
Special adaptor for high pressure washer
Max WP 25,0 MPa, max temp. 150° C, max flow 40 l/min.
PRODUCT GROUP 700

Part number	Thread 1	Thread 2
7072-22-04	M 22 x 1,5 FS	G 1/4" F
7072-22-06	M 22 x 1,5 FS	G 3/8" F



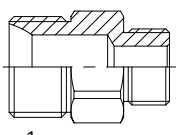
7073
Special adaptor for high pressure washer
Max WP 25,0 MPa, max temp. 150° C, max flow 40 l/min.
PRODUCT GROUP 700

Part number	Thread 1	Thread 2
7073-22-04	M 22 x 1,5 M	G 1/4" F
7073-22-06	M 22 x 1,5 M	G 3/8" F



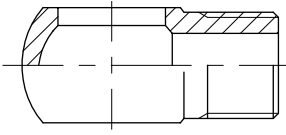
7074
Special adaptor for high pressure washer
Max WP 25,0 MPa, max temp. 150° C, max flow 40 l/min.
PRODUCT GROUP 700

Part number	Thread 1	Thread 2
7074-22-22	M 22 x 1,5 M	M 22 x 1,5 M



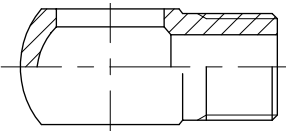
7075
Special adaptor for high pressure washer
 Max WP 25,0 MPa, max temp. 150° C,
 max flow 40 l/min.
PRODUCT GROUP 700

Part number	Thread 1	Thread 2
7075-22-04	M 22 x 1,5 M	G 1/4" M
7075-22-06	M 22 x 1,5 M	G 3/8" M



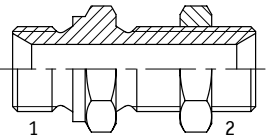
7081
Banjo G M
PRODUCT GROUP 700

Part number	Type	For bolt	Thread
7081-04-04	Banjo	G 1/4"	G 1/4" M
7081-06-04	Banjo	G 3/8"	G 1/4" M
7081-06-06	Banjo	G 3/8"	G 3/8" M
7081-08-06	Banjo	G 1/2"	G 3/8" M
7081-08-08	Banjo	G 1/2"	G 1/2" M
7081-12-08	Banjo	G 3/4"	G 1/2" M
7081-12-12	Banjo	G 3/4"	G 3/4" M
7081-16-16	Banjo	G 1"	G 1" M



7082
Banjo M M
PRODUCT GROUP 700

Part number	Type	For bolt	Thread
7082-14-14	Banjo	M14	M14x1,5 M
7082-18-18	Banjo	M18	M18x1,5 M



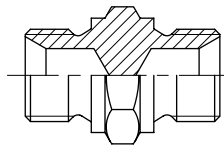
7090
Bulkhead G M X G M
PRODUCT GROUP 700

Part number	Thread 1	Type	Thread 2
7090-02-02	G 1/8" M	Bulkhead	G 1/8" M
7090-04-04	G 1/4" M	Bulkhead	G 1/4" M
7090-04-06	G 1/4" M	Bulkhead	G 3/8" M
7090-06-06	G 3/8" M	Bulkhead	G 3/8" M
7090-08-06	G 1/2" M	Bulkhead	G 3/8" M
7090-08-08	G 1/2" M	Bulkhead	G 1/2" M
7090-10-10	G 5/8" M	Bulkhead	G 5/8" M
7090-12-12	G 3/4" M	Bulkhead	G 3/4" M
7090-16-12	G 1" M	Bulkhead	G 3/4" M
7090-16-16	G 1" M	Bulkhead	G 1" M
7090-20-20	G 1 1/4" M	Bulkhead	G 1 1/4" M
7090-24-24	G 1 1/2" M	Bulkhead	G 1 1/2" M
7090-32-32	G 2" M	Bulkhead	G 2" M



7090-00
Lock nut
 For bulkhead
PRODUCT GROUP 700

Part number	To	Type	Thread
7090-00-02	7090-02-02	Lock nut	G 1/8"
7090-00-04	7090-04-04	Lock nut	G 1/4"
7090-00-06	7090-06-06	Lock nut	G 3/8"
7090-00-08	7090-08-08	Lock nut	G 1/2"
7090-00-10	7090-10-10	Lock nut	G 5/8"
7090-00-12	7090-12-12	Lock nut	G 3/4"
7090-00-16	7090-16-16	Lock nut	G 1"
7090-00-20	7090-20-20	Lock nut	G 1 1/4"
7090-00-24	7090-24-24	Lock nut	G 1 1/2"



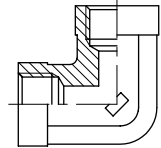
7092
G M x G M Blank
 Own drilling
PRODUCT GROUP 700

Part number	Thread 1	Thread 2
7092-02-02	G 1/8" M	G 1/8" M blank
7092-04-04	G 1/4" M	G 1/4" M blank
7092-04-06	G 1/4" M	G 3/8" M blank
7092-06-06	G 3/8" M	G 3/8" M blank
7092-06-08	G 3/8" M	G 1/2" M blank
7092-08-08	G 1/2" M	G 1/2" M blank
7092-08-12	G 1/2" M	G 3/4" M blank
7092-12-12	G 3/4" M	G 3/4" M blank



7201
G M X G FS 90T
PRODUCT GROUP 700

Part number	Thread 1	Type	Thread 2
7201-02-02	G 1/8" M	90 T	G 1/8" FS
7201-04-04	G 1/4" M	90 T	G 1/4" FS
7201-06-06	G 3/8" M	90 T	G 3/8" FS
7201-08-08	G 1/2" M	90 T	G 1/2" FS
7201-10-10	G 5/8" M	90 T	G 5/8" FS
7201-12-12	G 3/4" M	90 T	G 3/4" FS
7201-16-16	G 1" M	90 T	G 1" FS
7201-20-20	G 1 1/4" M	90 T	G 1 1/4" FS
7201-24-24	G 1 1/2" M	90 T	G 1 1/2" FS
7201-32-32	G 2" M	90 T	G 2" FS



7202
G F X G F 90T
PRODUCT GROUP 700

Part number	Thread 1	Type	Thread 2
7202-02-02	G 1/8" F	90 T	G 1/8" F
7202-04-04	G 1/4" F	90 T	G 1/4" F
7202-06-06	G 3/8" F	90 T	G 3/8" F
7202-08-08	G 1/2" F	90 T	G 1/2" F
7202-12-12	G 3/4" F	90 T	G 3/4" F
7202-16-16	G 1" F	90 T	G 1" F
7202-32-32	G 2" F	90 T	G 2" F





7203
G M X G FS 90T
Forged

PRODUCT GROUP 700

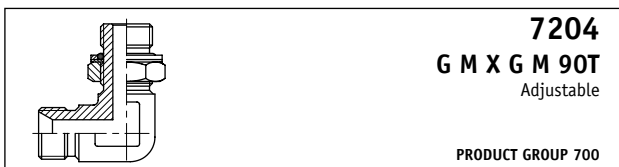
Part number	Thread 1	Type	Thread 2
7203-02-02	G 1/8" M	90 T	G 1/8" FS
7203-04-04	G 1/4" M	90 T	G 1/4" FS
7203-06-06	G 3/8" M	90 T	G 3/8" FS
7203-08-08	G 1/2" M	90 T	G 1/2" FS
7203-10-10	G 5/8" M	90 T	G 5/8" FS
7203-12-12	G 3/4" M	90 T	G 3/4" FS
7203-16-16	G 1" M	90 T	G 1" FS
7203-20-20	G 1 1/4" M	90 T	G 1 1/4" FS
7203-24-24	G 1 1/2" M	90 T	G 1 1/2" FS
7203-32-32	G 2" M	90 T	G 2" FS



7206
G FS X G FS 90B

PRODUCT GROUP 700

Part number	Thread 1	Type	Thread 2
7206-04-04	G 1/4" FS	90B	G 1/4" FS
7206-06-06	G 3/8" FS	90B	G 3/8" FS
7206-08-08	G 1/2" FS	90B	G 1/2" FS
7206-12-12	G 3/4" FS	90B	G 3/4" FS
7206-16-16	G 1" FS	90B	G 1" FS
7206-20-20	G 1 1/4" FS	90B	G 1 1/4" FS
7206-24-24	G 1 1/2" FS	90B	G 1 1/2" FS



7204
G M X G M 90T
Adjustable

PRODUCT GROUP 700

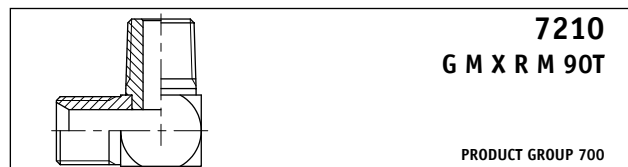
Part number	Thread 1	Type	Thread 2
7204-02-02	G 1/8" M	90 T Adjustable	G 1/8" M ADJ
7204-04-04	G 1/4" M	90 T Adjustable	G 1/4" M ADJ
7204-06-04	G 3/8" M	90 T Adjustable	G 1/4" M ADJ
7204-06-06	G 3/8" M	90 T Adjustable	G 3/8" M ADJ
7204-06-08	G 3/8" M	90 T Adjustable	G 1/2" M ADJ
7204-08-06	G 1/2" M	90 T Adjustable	G 3/8" M ADJ
7204-08-08	G 1/2" M	90 T Adjustable	G 1/2" M ADJ
7204-08-12	G 1/2" M	90 T Adjustable	G 3/4" M ADJ
7204-12-08	G 3/4" M	90 T Adjustable	G 1/2" M ADJ
7204-12-12	G 3/4" M	90 T Adjustable	G 3/4" M ADJ
7204-16-12	G 1" M	90 T Adjustable	G 3/4" M ADJ
7204-16-16	G 1" M	90 T Adjustable	G 1" M ADJ
7204-20-20	G 1 1/4" M	90 T Adjustable	G 1 1/4" M ADJ
7204-32-32	G 2" M	90 T Adjustable	G 2" M ADJ



7209
G F X G M 90T
Forged

PRODUCT GROUP 700

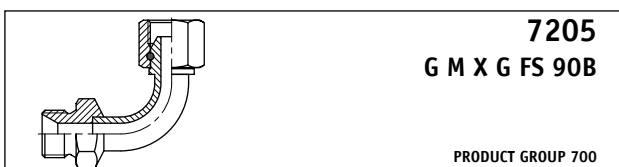
Part number	Thread 1	Type	Thread 2
7209-02-02	G 1/8" F	90T	G 1/8" M



7210
G M X R M 90T

PRODUCT GROUP 700

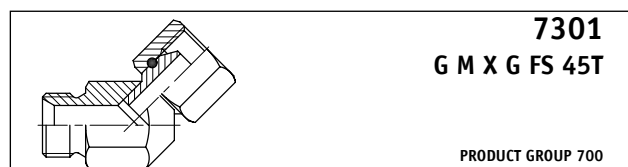
Part number	Thread 1	Type	Thread 2
7210-02-02	G 1/8" M	90T	R 1/8" M
7210-04-04	G 1/4" M	90T	R 1/4" M
7210-06-06	G 3/8" M	90T	R 3/8" M
7210-06-08	G 3/8" M	90T	R 1/2" M
7210-08-08	G 1/2" M	90T	R 1/2" M
7210-12-12	G 3/4" M	90T	R 3/4" M
7210-16-16	G 1" M	90T	R 1" M



7205
G M X G FS 90B

PRODUCT GROUP 700

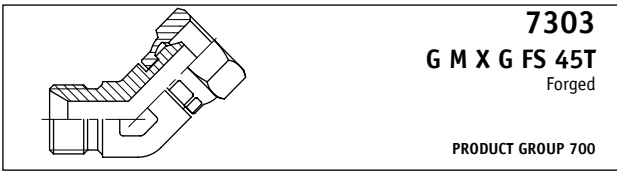
Part number	Thread 1	Type	Thread 2
7205-02-02	G 1/8" M	90B	G 1/8" FS
7205-04-04	G 1/4" M	90B	G 1/4" FS
7205-06-06	G 3/8" M	90B	G 3/8" FS
7205-08-08	G 1/2" M	90B	G 1/2" FS
7205-12-12	G 3/4" M	90B	G 3/4" FS
7205-16-16	G 1" M	90B	G 1" FS
7205-20-20	G 1 1/4" M	90B	G 1 1/4" FS
7205-24-24	G 1 1/2" M	90B	G 1 1/2" FS
7205-32-32	G 2" M	90B	G 2" FS



7301
G M X G FS 45T

PRODUCT GROUP 700

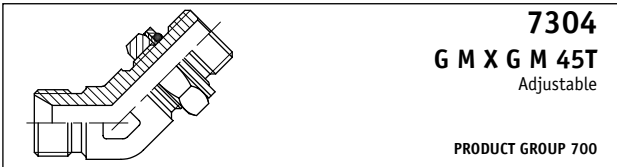
Part number	Thread 1	Type	Thread 2
7301-04-04	G 1/4" M	45 T	G 1/4" FS
7301-06-06	G 3/8" M	45 T	G 3/8" FS
7301-08-08	G 1/2" M	45 T	G 1/2" FS
7301-12-12	G 3/4" M	45 T	G 3/4" FS
7301-16-16	G 1" M	45 T	G 1" FS
7301-20-20	G 1 1/4" M	45 T	G 1 1/4" FS



7303
G M X G FS 45T
Forged

PRODUCT GROUP 700

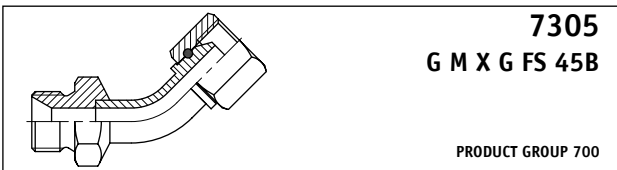
Part number	Thread 1	Type	Thread 2
7303-04-04	G 1/4" M	45 T	G 1/4" FS
7303-06-06	G 3/8" M	45 T	G 3/8" FS
7303-08-08	G 1/2" M	45 T	G 1/2" FS
7303-10-10	G 5/8" M	45 T	G 5/8" FS
7303-12-12	G 3/4" M	45 T	G 3/4" FS
7303-16-16	G 1" M	45 T	G 1" FS
7303-20-20	G 1 1/4" M	45 T	G 1 1/4" FS



7304
G M X G M 45T
Adjustable

PRODUCT GROUP 700

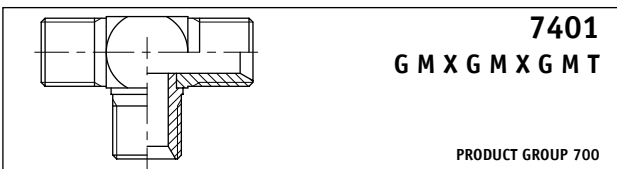
Part number	Thread 1	Type	Thread 2
7304-02-02	G 1/8" M	45 T	G 1/8" M ADJ
7304-04-04	G 1/4" M	45 T	G 1/4" M ADJ
7304-06-04	G 3/8" M	45 T	G 1/4" M ADJ
7304-06-06	G 3/8" M	45 T	G 3/8" M ADJ
7304-08-08	G 1/2" M	45 T	G 1/2" M ADJ
7304-12-12	G 3/4" M	45 T	G 3/4" M ADJ
7304-16-16	G 1" M	45 T	G 1" M ADJ
7304-24-24	G 1 1/2" M	45 T	G 1 1/2" M ADJ



7305
G M X G FS 45B

PRODUCT GROUP 700

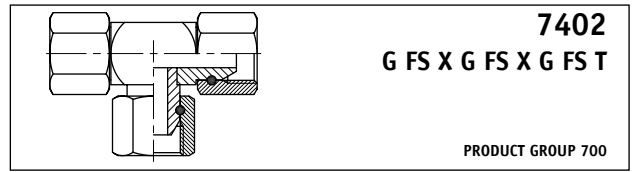
Part number	Thread 1	Type	Thread 2
7305-04-04	G 1/4" M	45B	G 1/4" FS
7305-06-06	G 3/8" M	45B	G 3/8" FS
7305-08-08	G 1/2" M	45B	G 1/2" FS
7305-10-10	G 5/8" M	45B	G 5/8" FS
7305-12-12	G 3/4" M	45B	G 3/4" FS
7305-16-16	G 1" M	45B	G 1" FS
7305-20-20	G 1 1/4" M	45B	G 1 1/4" FS
7305-24-24	G 1 1/2" M	45B	G 1 1/2" FS



7401
G M X G M X G M T

PRODUCT GROUP 700

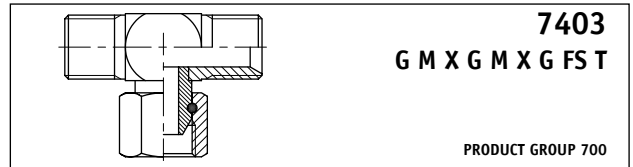
Part number	Thread 1	Thread 2	Thread 3
7401-04-04	G 1/4" M	G 1/4" M	G 1/4" M
7401-04-06	G 1/4" M	G 1/4" M	G 3/8" M
7401-06-04	G 3/8" M	G 3/8" M	G 1/4" M
7401-06-06	G 3/8" M	G 3/8" M	G 3/8" M
7401-06-08	G 3/8" M	G 3/8" M	G 1/2" M
7401-08-04	G 1/2" M	G 1/2" M	G 1/4" M
7401-08-08	G 1/2" M	G 1/2" M	G 1/2" M
7401-10-10	G 5/8" M	G 5/8" M	G 5/8" M
7401-12-12	G 3/4" M	G 3/4" M	G 3/4" M
7401-16-12	G 1" M	G 1" M	G 3/4" M
7401-16-16	G 1" M	G 1" M	G 1" M
7401-20-20	G 1 1/4" M	G 1 1/4" M	G 1 1/4" M
7401-24-24	G 1 1/2" M	G 1 1/2" M	G 1 1/2" M



7402
G FS X G FS X G FS T

PRODUCT GROUP 700

Part number	Thread 1	Thread 2	Thread 3
7402-04-04	G 1/4" FS	G 1/4" FS	G 1/4" FS
7402-06-06	G 3/8" FS	G 3/8" FS	G 3/8" FS
7402-08-08	G 1/2" FS	G 1/2" FS	G 1/2" FS
7402-12-12	G 3/4" FS	G 3/4" FS	G 3/4" FS
7402-16-16	G 1" FS	G 1" FS	G 1" FS
7402-20-20	G 1 1/4" FS	G 1 1/4" FS	G 1 1/4" FS



7403
G M X G M X G FS T

PRODUCT GROUP 700

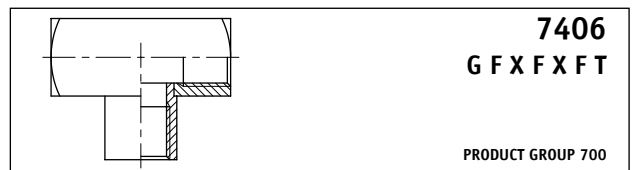
Part number	Thread 1	Thread 2	Thread 3
7403-04-04	G 1/4" M	G 1/4" M	G 1/4" FS
7403-06-06	G 3/8" M	G 3/8" M	G 3/8" FS
7403-08-08	G 1/2" M	G 1/2" M	G 1/2" FS
7403-12-12	G 3/4" M	G 3/4" M	G 3/4" FS
7403-16-16	G 1" M	G 1" M	G 1" FS
7403-20-20	G 1 1/4" M	G 1 1/4" M	G 1 1/4" FS
7403-24-24	G 1 1/2" M	G 1 1/2" M	G 1 1/2" FS



7404
G FS X G M X G M L

PRODUCT GROUP 700

Part number	Thread 1	Thread 2	Thread 3
7404-04-04	G 1/4" FS	G 1/4" M	G 1/4" M
7404-06-06	G 3/8" FS	G 3/8" M	G 3/8" M
7404-08-06	G 1/2" FS	G 1/2" M	G 3/8" M
7404-08-08	G 1/2" FS	G 1/2" M	G 1/2" M
7404-12-12	G 3/4" FS	G 3/4" M	G 3/4" M
7404-16-16	G 1" FS	G 1" M	G 1" M
7404-20-20	G 1 1/4" FS	G 1 1/4" M	G 1 1/4" M
7404-24-24	G 1 1/2" FS	G 1 1/2" M	G 1 1/2" M

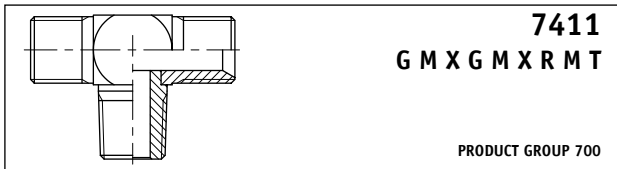


7406
G F X F X FT

PRODUCT GROUP 700

Part number	Thread 1	Thread 2	Thread 3
7406-02-02	G 1/8" F	G 1/8" F	G 1/8" F
7406-04-04	G 1/4" F	G 1/4" F	G 1/4" F
7406-06-06	G 3/8" F	G 3/8" F	G 3/8" F
7406-08-08	G 1/2" F	G 1/2" F	G 1/2" F
7406-12-12	G 3/4" F	G 3/4" F	G 3/4" F
7406-16-16	G 1" F	G 1" F	G 1" F
7406-20-20	G 1 1/4" F	G 1 1/4" F	G 1 1/4" F
7406-24-24	G 1 1/2" F	G 1 1/2" F	G 1 1/2" F
7406-32-32	G 2" F	G 2" F	G 2" F

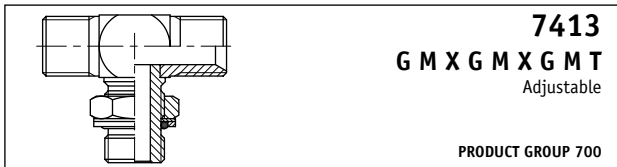




7411
G M X G M X R M T

PRODUCT GROUP 700

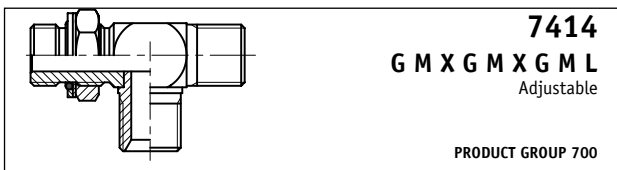
Part number	Thread 1	Thread 2	Thread 3
7411-02-02	G 1/8" M	G 1/8" M	R 1/8" M
7411-04-04	G 1/4" M	G 1/4" M	R 1/4" M
7411-06-06	G 3/8" M	G 3/8" M	R 3/8" M
7411-08-08	G 1/2" M	G 1/2" M	R 1/2" M
7411-12-12	G 3/4" M	G 3/4" M	R 3/4" M
7411-16-16	G 1" M	G 1" M	R 1" M



7413
G M X G M X G M T
Adjustable

PRODUCT GROUP 700

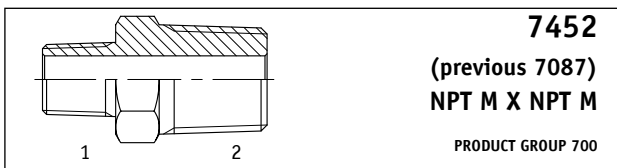
Part number	Thread 1	Thread 2	Thread 3
7413-04-04	G 1/4" M	G 1/4" M	G 1/4" M ADJ
7413-06-06	G 3/8" M	G 3/8" M	G 3/8" M ADJ
7413-08-08	G 1/2" M	G 1/2" M	G 1/2" M ADJ
7413-12-12	G 3/4" M	G 3/4" M	G 3/4" M ADJ
7413-16-12	G 1" M	G 1" M	G 3/4" M ADJ
7413-16-16	G 1" M	G 1" M	G 1" M ADJ



7414
G M X G M X G M L
Adjustable

PRODUCT GROUP 700

Part number	Thread 1	Thread 2	Thread 3
7414-04-04	G 1/4" M ADJ	G 1/4" M	G 1/4" M
7414-06-06	G 3/8" M ADJ	G 3/8" M	G 3/8" M
7414-08-08	G 1/2" M ADJ	G 1/2" M	G 1/2" M
7414-12-12	G 3/4" M ADJ	G 3/4" M	G 3/4" M
7414-16-16	G 1" M ADJ	G 1" M	G 1" M
7414-20-20	G 1 1/4" M ADJ	G 1 1/4" M	G 1 1/4" M



7452
(previous 7087)
NPT M X NPT M

PRODUCT GROUP 700

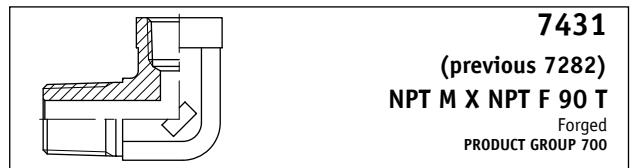
Part number	Thread 1	Thread 2
7452-02-02	NPT 1/8" M	NPT 1/8" M
7452-02-04	NPT 1/8" M	NPT 1/4" M
7452-04-04	NPT 1/4" M	NPT 1/4" M
7452-04-06	NPT 1/4" M	NPT 3/8" M
7452-04-08	NPT 1/4" M	NPT 1/2" M
7452-06-06	NPT 3/8" M	NPT 3/8" M
7452-06-08	NPT 3/8" M	NPT 1/2" M
7452-08-08	NPT 1/2" M	NPT 1/2" M
7452-08-12	NPT 1/2" M	NPT 3/4" M
7452-08-16	NPT 1/2" M	NPT 1" M
7452-12-12	NPT 3/4" M	NPT 3/4" M
7452-12-16	NPT 3/4" M	NPT 1" M
7452-16-16	NPT 1" M	NPT 1" M
7452-20-20	NPT 1 1/4" M	NPT 1 1/4" M
7452-24-24	NPT 1 1/2" M	NPT 1 1/2" M
7452-32-32	NPT 2" M	NPT 2" M



7457
(previous 7085)
NPT F X NPT F

PRODUCT GROUP 700

Part number	Thread 1	Thread 2
7457-02-02	NPT 1/8" F	NPT 1/8" F
7457-02-04	NPT 1/8" F	NPT 1/4" F
7457-04-04	NPT 1/4" F	NPT 1/4" F
7457-04-06	NPT 1/4" F	NPT 3/8" F
7457-06-06	NPT 3/8" F	NPT 3/8" F
7457-08-08	NPT 1/2" F	NPT 1/2" F
7457-12-12	NPT 3/4" F	NPT 3/4" F
7457-12-16	NPT 3/4" F	NPT 1" F
7457-16-16	NPT 1" F	NPT 1" F
7457-20-20	NPT 1 1/4" F	NPT 1 1/4" F



7431
(previous 7282)
NPT M X NPT F 90 T
Forged
PRODUCT GROUP 700

Part number	Thread 1	Type	Thread 2
7431-02-02	NPT 1/8" M	90 T	NPT 1/8" F
7431-02-04	NPT 1/8" M	90 T	NPT 1/4" F
7431-04-02	NPT 1/4" M	90 T	NPT 1/8" F
7431-04-04	NPT 1/4" M	90 T	NPT 1/4" F
7431-06-04	NPT 3/8" M	90 T	NPT 1/4" F
7431-06-06	NPT 3/8" M	90 T	NPT 3/8" F
7431-06-08	NPT 3/8" M	90 T	NPT 1/2" F
7431-08-06	NPT 1/2" M	90 T	NPT 3/8" F
7431-08-08	NPT 1/2" M	90 T	NPT 1/2" F
7431-12-08	NPT 3/4" M	90 T	NPT 1/2" F
7431-12-12	NPT 3/4" M	90 T	NPT 3/4" F
7431-20-20	NPT 1 1/4" M	90 T	NPT 1 1/4" F



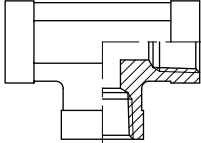
7432
(previous 7281)
NPT F X NPT F 90 T
Forged
PRODUCT GROUP 700

Part number	Thread 1	Type	Thread 2
7432-02-02	NPT 1/8" F	90 T	NPT 1/8" F
7432-04-04	NPT 1/4" F	90 T	NPT 1/4" F
7432-06-06	NPT 3/8" F	90 T	NPT 3/8" F
7432-16-16	NPT 1" F	90 T	NPT 1" F



7434
(previous 7283)
NPT M X NPT M 90 T
Forged
PRODUCT GROUP 700

Part number	Thread 1	Type	Thread 2
7434-02-02	NPT 1/8" M	90 T	NPT 1/8" M
7434-04-04	NPT 1/4" M	90 T	NPT 1/4" M
7434-06-06	NPT 3/8" M	90 T	NPT 3/8" M
7434-06-08	NPT 3/8" M	90 T	NPT 1/2" M
7434-08-08	NPT 1/2" M	90 T	NPT 1/2" M
7434-08-12	NPT 1/2" M	90 T	NPT 3/4" M
7434-12-12	NPT 3/4" M	90 T	NPT 3/4" M
7434-12-16	NPT 3/4" M	90 T	NPT 1" M
7434-16-16	NPT 1" M	90 T	NPT 1" M



7446
(previous 7481)
NPT F X F X FT
Forged
PRODUCT GROUP 700

Part number	Thread 1	Thread 2	Thread 3
7446-02-02	NPT 1/8" F	NPT 1/8" F	NPT 1/8" F
7446-04-04	NPT 1/4" F	NPT 1/4" F	NPT 1/4" F
7446-06-06	NPT 3/8" F	NPT 3/8" F	NPT 3/8" F
7446-08-08	NPT 1/2" F	NPT 1/2" F	NPT 1/2" F
7446-12-12	NPT 3/4" F	NPT 3/4" F	NPT 3/4" F



7503-02
G M magnet plug
PRODUCT GROUP 700

Part number	Type	Thread
7503-02-04	Magnet plug	G 1/4" M
7503-02-06	Magnet plug	G 3/8" M
7503-02-08	Magnet plug	G 1/2" M
7503-02-12	Magnet plug	G 3/4" M
7503-02-16	Magnet plug	G 1" M



7501
G M plug
PRODUCT GROUP 700

Part number	Type	Thread
7501-00-02	Plug	G 1/8" M
7501-00-04	Plug	G 1/4" M
7501-00-06	Plug	G 3/8" M
7501-00-08	Plug	G 1/2" M
7501-00-10	Plug	G 5/8" M
7501-00-12	Plug	G 3/4" M
7501-00-16	Plug	G 1" M
7501-00-20	Plug	G 1 1/4" M
7501-00-24	Plug	G 1 1/2" M
7501-00-32	Plug	G 2" M



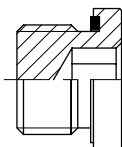
7503-50
UNF inset plug
PRODUCT GROUP 700

Part number	Type	Thread
7503-50-06	Inset plug	3/8"-24 UNF
7503-50-07	Inset plug	7/16"-20 UNF
7503-50-08	Inset plug	1/2"-20 UNF
7503-50-09	Inset plug	9/16"-18 UNF
7503-50-12	Inset plug	3/4"-16 UNF
7503-50-14	Inset plug	7/8"-14 UNF
7503-50-17	Inset plug	1 1/16"-12 UN
7503-50-19	Inset plug	1 3/16"-12 UN
7503-50-21	Inset plug	1 5/16"-12 UN
7503-50-26	Inset plug	1 5/8"-12 UN



7502
G FS plug
PRODUCT GROUP 700

Part number	Type	Thread
7502-00-02	Plug	G 1/8" FS
7502-00-04	Plug	G 1/4" FS
7502-00-06	Plug	G 3/8" FS
7502-00-08	Plug	G 1/2" FS
7502-00-10	Plug	G 5/8" FS
7502-00-12	Plug	G 3/4" FS
7502-00-16	Plug	G 1" FS
7502-00-20	Plug	G 1 1/4" FS
7502-00-24	Plug	G 1 1/2" FS
7502-00-32	Plug	G 2" FS



7504
M M inset plug
PRODUCT GROUP 700

Part number	Type	Thread
7504-00-08	Inset plug	M 8 x 1,0 M
7504-00-10	Inset plug	M 10 x 1,0 M
7504-00-12	Inset plug	M 12 x 1,5 M
7504-00-14	Inset plug	M 14 x 1,5 M
7504-00-16	Inset plug	M 16 x 1,5 M
7504-00-18	Inset plug	M 18 x 1,5 M
7504-00-20	Inset plug	M 20 x 1,5 M
7504-00-22	Inset plug	M 22 x 1,5 M
7504-00-24	Inset plug	M 24 x 1,5 M
7504-00-26	Inset plug	M 26 x 1,5 M
7504-00-27	Inset plug	M 27 x 2,0 M
7504-00-33	Inset plug	M 33 x 2,0 M
7504-00-42	Inset plug	M 42 x 2,0 M



7503
G M ED inset plug
PRODUCT GROUP 700

Part number	Type	Thread
7503-00-02	Inset plug	G 1/8" M ED
7503-00-04	Inset plug	G 1/4" M ED
7503-00-06	Inset plug	G 3/8" M ED
7503-00-08	Inset plug	G 1/2" M ED
7503-00-12	Inset plug	G 3/4" M ED
7503-00-16	Inset plug	G 1" M ED
7503-00-20	Inset plug	G 1 1/4" M ED
7503-00-24	Inset plug	G 1 1/2" M ED
7503-00-32	Inset plug	G 2" M ED



7505
NPT M plug
PRODUCT GROUP 700

Part number	Type	Thread
7505-00-02	Plug	1/8"-27 NPT M
7505-00-04	Plug	1/4"-18 NPT M
7505-00-06	Plug	3/8"-18 NPT M
7505-00-08	Plug	1/2"-14 NPT M
7505-00-12	Plug	3/4"-14 NPT M
7505-00-16	Plug	1"-11 1/2 NPT M
7505-00-20	Plug	1 1/4"-11 1/2 NPT M
7505-00-24	Plug	1 1/2"-11 1/2 NPT M
7505-00-32	Plug	2"-11 1/2 NPT M





7506
G F cover

PRODUCT GROUP 700

Part number	Type	Thread
7506-00-02	Cover	G 1/8" F
7506-00-04	Cover	G 1/4" F
7506-00-06	Cover	G 3/8" F
7506-00-08	Cover	G 1/2" F
7506-00-10	Cover	G 5/8" F
7506-00-12	Cover	G 3/4" F
7506-00-16	Cover	G 1" F
7506-00-20	Cover	G 1 1/4" F
7506-00-24	Cover	G 1 1/2" F



7C14 721
Plug-in

PRODUCT GROUP 700

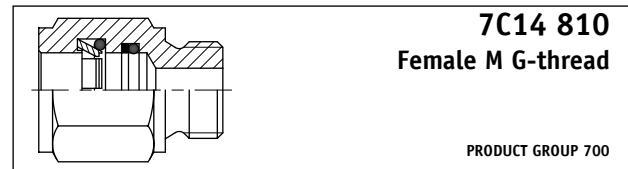
Part number	Type	WEO Size	Thread
7C14721-06-06	Plug-in	13 mm	G 3/8"
7C14721-06-08	Plug-in	13 mm	G 1/2"
7C14721-08-06	Plug-in	16 mm	G 3/8"
7C14721-08-48	Plug-in	16 mm	G 1/2"
7C14721-12-08	Plug-in	23 mm	G 1/2"
7C14721-12-12	Plug-in	23 mm	G 3/4"



7510
ROV-L
Din 3861

PRODUCT GROUP 700

Part number	Type	Thread
7510-00-06	ROV 6 L	M 12 x 1,5 M
7510-00-08	ROV 8 L	M 14 x 1,5 M
7510-00-10	ROV 10 L	M 16 x 1,5 M
7510-00-12	ROV 12 L	M 18 x 1,5 M
7510-00-15	ROV 15 L	M 22 x 1,5 M
7510-00-18	ROV 18 L	M 26 x 1,5 M
7510-00-22	ROV 22 L	M 30 x 2,0 M
7510-00-28	ROV 28 L	M 36 x 2,0 M
7510-00-35	ROV 35 L	M 45 x 2,0 M
7510-00-42	ROV 42 L	M 52 x 2,0 M



7C14 810
Female M G-thread

PRODUCT GROUP 700

Part number	Type	WEO Size	Thread
7C14810-04-04	Plug-in female	10 mm	G 1/4"
7C14810-06-06	Plug-in female	13 mm	G 3/8"
7C14810-08-08	Plug-in female	16 mm	G 1/2"
7C14810-12-12	Plug-in female	23 mm	G 3/4"
7C14810-16-16	Plug-in female	30 mm	G 1"



7510-01
ROV-S
DIN 3861

PRODUCT GROUP 700

Part number	Type	Thread
7510-01-06	ROV 6 S	M 14 x 1,5 M
7510-01-08	ROV 8 S	M 16 x 1,5 M
7510-01-10	ROV 10 S	M 18 x 1,5 M
7510-01-12	ROV 12 S	M 20 x 1,5 M
7510-01-14	ROV 14 S	M 22 x 1,5 M
7510-01-16	ROV 16 S	M 24 x 1,5 M
7510-01-20	ROV 20 S	M 30 x 2,0 M
7510-01-25	ROV 25 S	M 36 x 2,0 M
7510-01-30	ROV 30 S	M 42 x 2,0 M
7510-01-38	ROV 38 S	M 52 x 2,0 M



7C14 811
Plug female

PRODUCT GROUP 700

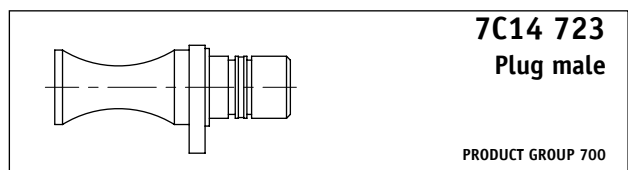
Part number	Type	WEO Size	Thread
7C14811-04-00	Plug female	10 mm	1/4"
7C14811-06-00	Plug female	13 mm	3/8"
7C14811-08-00	Plug female	16 mm	1/2"
7C14811-12-00	Plug female	23 mm	3/4"
7C14811-16-00	Plug female	30 mm	1"



7515
(Previous 7511-00)
UNF inset plug

PRODUCT GROUP 700

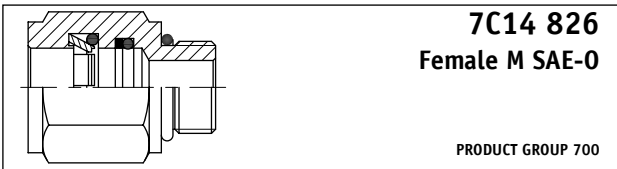
Part number	Type	Thread
7515-00-07	Plug	7/16" - 20 UNF
7515-00-09	Plug	9/16" - 20 UNF
7515-00-12	Plug	3/4" - 16 UNF
7515-00-17	Plug	1 1/16" - 12 UN
7515-00-21	Plug	1 5/16" - 12 UN
7515-00-26	Plug	1 5/8" - 12 UN
7515-00-30	Plug	1 7/8" - 12 UN



7C14 723
Plug male

PRODUCT GROUP 700

Part number	Type	WEO Size
7C14723-04-00	Plug male	10 mm
7C14723-06-00	Plug male	13 mm
7C14723-08-00	Plug male	16 mm
7C14723-12-00	Plug male	23 mm
7C14723-16-00	Plug male	30 mm



7C14 826
Female M SAE-O

PRODUCT GROUP 700

Part number	Type	WEO Size	Thread
7C14826-04-07	Plug-in female	10 mm	7/16-20 UNF
7C14826-06-09	Plug-in female	13 mm	9/16-18 UNF
7C14826-08-12	Plug-in female	16 mm	3/4-16 UNF
7C14826-08-14	Plug-in female	16 mm	7/8-14 UNF
7C14826-08-17	Plug-in female	16 mm	1 1/16-12 UN
7C14826-12-17	Plug-in female	23 mm	1 1/16-12 UN
7C14826-16-21	Plug-in female	30 mm	1 5/16-12 UN



7C14 812
Plug-in kit

PRODUCT GROUP 700

Part number	Type	Size	Thread
7C14812-04-22	Plug-in kit	1/4"	M22x1,5
7C14812-06-24	Plug-in kit	3/8"	M24x1,5
7C14812-08-27	Plug-in kit	1/2"	M27x1,5
7C14812-12-36	Plug-in kit	3/4"	M36x1,5



7C14 830
Female M G-thread
Built-in rubber sealing

PRODUCT GROUP 700

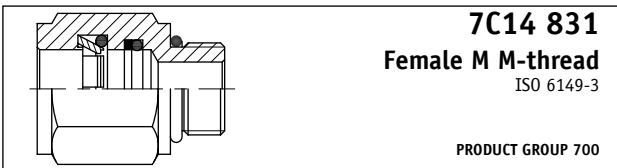
Part number	Type	WEO Size	Thread
7C14830-04-04	Plug-in female	10 mm	G 1/4"
7C14830-06-06	Plug-in female	13 mm	G 3/8"
7C14830-08-08	Plug-in female	16 mm	G 1/2"
7C14830-12-12	Plug-in female	23 mm	G 3/4"
7C14830-16-16	Plug-in female	30 mm	G 1"



7C14 824
Female M JIC

PRODUCT GROUP 700

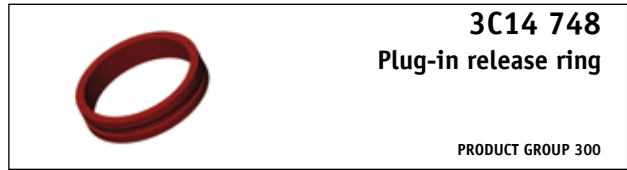
Part number	Type	WEO Size	Thread
7C14824-04-07	Plug-in	10 mm	7/16"-20 UNF
7C14824-06-09	Plug-in	13 mm	9/16"-18 UNF
7C14824-08-12	Plug-in	16 mm	3/4"-16 UNF
7C14824-08-14	Plug-in	16 mm	7/8"-14 UNF
7C14824-08-17	Plug-in	16 mm	1 1/16"-12 UN
7C14824-12-17	Plug-in	23 mm	1 1/16"-12 UN



7C14 831
Female M M-thread
ISO 6149-3

PRODUCT GROUP 700

Part number	Type	WEO Size	Thread
7C14831-06-12	Plug-in female	10 mm	M 12 x 1,5
7C14831-06-16	Plug-in female	10 mm	M 16 x 1,5
7C14831-08-18	Plug-in female	16 mm	M 18 x 1,5
7C14831-12-22	Plug-in female	23 mm	M 22 x 1,5
7C14831-12-27	Plug-in female	23 mm	M 27 x 2,0



3C14 748
Plug-in release ring

PRODUCT GROUP 300

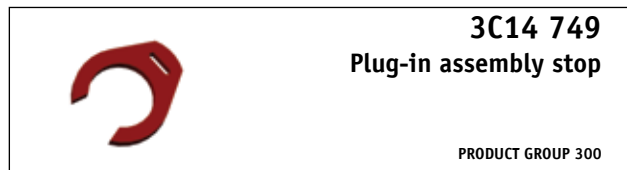
Part number	Type	WEO Size	No./ package
3C14748-04-00	1/4" Release ring	10 mm	10
3C14748-06-00	3/8" Release ring	13 mm	10
3C14748-08-00	1/2" Release ring	16 mm	10
3C14748-12-00	3/4" Release ring	23 mm	10
3C14748-16-00	1" Release ring	30 mm	10



7C14 847
Packing kit female
With O-ring and support ring

PRODUCT GROUP 700

Part number	Type	WEO Size
7C14847-04-00	Packing kit female	10 mm
7C14847-06-00	Packing kit female	13 mm
7C14847-08-00	Packing kit female	16 mm
7C14847-12-00	Packing kit female	23 mm
7C14847-16-00	Packing kit female	30 mm



3C14 749
Plug-in assembly stop

PRODUCT GROUP 300

Part number	Type	WEO Size	No./ package
3C14749-04-00	1/4" Assembly stop	10 mm	10
3C14749-06-00	3/8" Assembly stop	13 mm	10
3C14749-08-01	1/2" Assembly stop	16 mm	10
3C14749-12-00	3/4" Assembly stop	23 mm	10
3C14749-16-00	1" Assembly stop	30 mm	10



HYDROSCAND FLARE FITTINGS

PRODUCT GROUP 760

Steel flare fittings give a tight and safe system, even in very demanding installations.

The systems consists of three parts: adaptor, nut and clamping sleeve. Together, they connect a pipe flared to 74°. They are called JIC/SAE 37° and are equivalent to SAE J514/ISO 8434-2.

The sealing is achieved when the flared pipe end is pressed between two conical surfaces: the adaptor and the clamping sleeve.

The clamping sleeve works as a plate to prevent the nut from cutting into the pipe and also as a pipe support. It prevents the pipe from rotating during tightening of the nut, and automatically steers the flared pipe into the right position in relation to the adaptor.

The fitting can be dismantled and reassembled many times without being damaged.

By simply changing the clamping sleeve, the very same fitting can be used for either metrical or imperial pipes.

The flare fittings are always delivered with a cover to protect the threads from getting damaged and keep them free from contaminations.

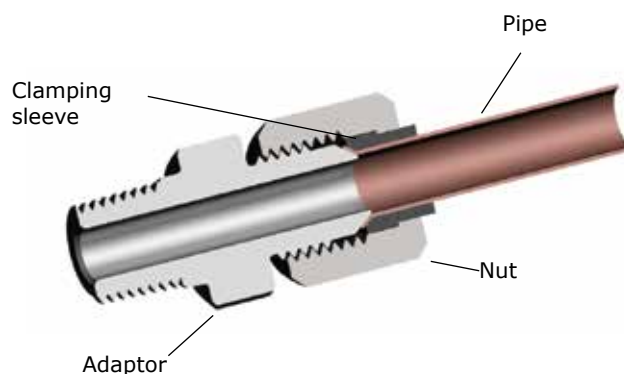




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PART NUMBERS

The part number consists of two parts.

The first four numbers show the type (e.g. 7601 = J G, 7602 = J W).

The four last numbers show the thread size in 16-parts inches or the metric thread dimensions are shown directly (e.g. 7611-07-02 where 07 means 7/16" and 02 means 1/8").

Pipe dimension	UN-thread	Part no.
6	7/16-20	07
8	1/2-20	08
10	9/16-18	09
12	3/4-16	12
14,15,16	7/8-14	14
18,20	1 1/16-12	17
22	1 3/16-12	19
25	1 5/16-12	21
30,32	1 5/8-12	26
38	1 7/8-12	30
50	2 1/2-12	40



TYPES

J G	Straight joint fitting
J W	Elbow joint fitting
J T	T-joint fitting
J K	Cross joint fitting
J SV	Bulkhead
J WSV	Elbow bulkhead
J GE	Straight fitting male thread
J WE	90° elbow fitting male thread
J UE	45° elbow fitting male thread
J TE	T-fitting male thread
J LE	L-fitting male thread
J GAI	Straight fitting female thread
J GI	Straight adaptor with JIC 37° swivel nut
J GII	Straight adaptor with JIC 37° swivel nut x 2
J EVW	90° elbow fitting with JIC 37° swivel nut
J EVU	45° elbow fitting with JIC 37° swivel nut
J EVT	T-fitting with JIC 37° swivel nut
J EVL	L-fitting with JIC 37° swivel nut
J EVGE	Straight fitting with JIC 37° swivel nut
J KOR	Reduction
J MAV	Manometer fitting
J MA	Measurement connection
J PLI	Blind nut
J PLU	Plug
J M	Nut
J D	Clamping sleeve
J	JIC

Pressure ratings HYDROSCAND FLARE FITTINGS, MPa

Equivalent to ISO 8434-2

Safety factor: 1:4

Pipe	JIC 37°		UN O-ring ISO 11926-3		G (BSP) O-ring+support ring ISO 1179-3			M O-ring + support ring		
			Not adjustable	Adjustable	Thread	Not adjustable	Adjustable	Thread	Not adjustable	Adjustable
6	35,0		31,5	31,5	G 1/8"	31,5	20,0	10 x 1,0	31,5	20,0
8	35,0		31,5	31,5	G 1/4"	31,5	20,0	12 x 1,5	31,5	20,0
10	35,0		31,5	25,0	G 3/8"	31,5	20,0	14 x 1,5	31,5	20,0
12	31,0		31,5	25,0	G 1/2"	25,0	20,0	16 x 1,5	31,5	20,0
16	24,0		25,0	20,0	G 5/8"	25,0	20,0	22 x 1,5	25,0	20,0
20	24,0		25,0	20,0	G 3/4"	25,0	20,0	27 x 1,5	25,0	20,0
25	21,0		20,0	16,0	G 1"	25,0	20,0	33 x 2,0	25,0	20,0
30	17,0		16,0	12,5	G 1 1/4"	16,0	16,0	42 x 2,0	16,0	16,0
38	14,0		16,0	12,5	G1 1/2"	16,0	16,0	48 x 2,0	16,0	16,0
50	10,5		12,5	10,0	G 2"	12,5	10,0	60 x 2,0	12,5	10,0

ASSEMBLY INSTRUCTIONS

Use seamless, cold-drawn and normalised precision steel pipes to get the best result of bending and flaring (DIN 2391 C). Make sure the pipes do not have any internal scratches.

Flaring

1. Cut the tube perpendicularly and deburr it both internally and externally. Make sure the pipe is of the correct dimension (inch/mm), of the right quality and has no damages.
2. Apply the nut and then the clamping sleeve onto the tube end. The open threaded part of the nut should be faced towards the tube end. Flare the tube with a flaring tool in order to create a flare of 37°.
3. The largest flare diameter (D) should be as large as the outer diameter of the clamping sleeve. The smallest flare diameter (D) should be as small as the largest inner diameter of the clamping sleeve. See also the table to the right.

If the flare is too small, the whole surface of the fitting cannot be used and the flare is then stretched thinner because of the smaller surface. Pipes with a flare too large can get stuck in the threads of the nut during assembly.

To achieve a perfect fit, the flare must be perpendicular and concentric with the pipe and the clamping sleeve. If the flare is inclined or excentric, the tube was angle-cut and unequally shaped during the flaring.

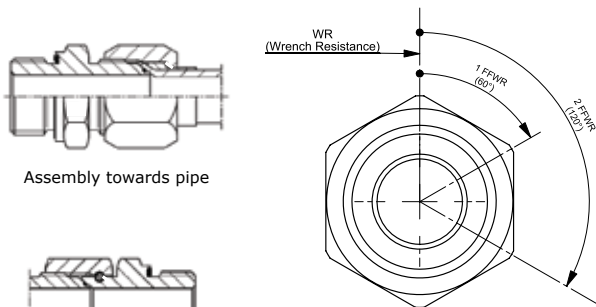
Cracks might appear when the wrong pipe quality or too hard materials have been used. This can also be the result of internal scratches.

A correct flaring ensures a long operation period without interference even during hard working conditions.

Assembling

Fasten the pipe flare between clamping sleeve and fitting flare by manually tightening the nut to metal contact. Then follow the FFWR as shown in the tightening torque to the right.

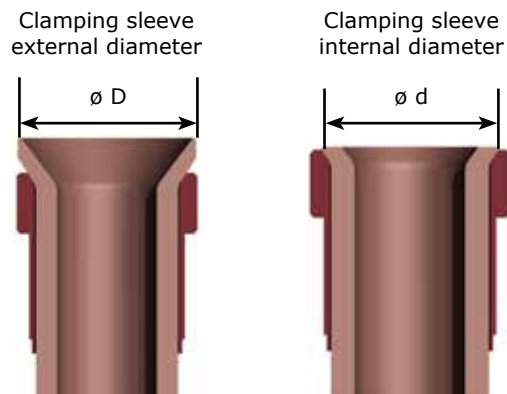
Flare fittings are easy to dismantle and reassemble several times; and they always gives a solid and safe enclosure.



Assembly on svivel nut

Flaring diameters

Pipe mm	O.D. inch	Flaring	
		d (min)	D (max)
6	1/4"	8,0	9,7
8	5/16"	9,5	11,3
10	3/8"	11,2	12,7
12	1/2"	14,9	17,3
14		17,9	20,2
15		17,9	20,2
16	5/8"	17,9	20,2
18		22,3	24,7
20	3/4"	22,3	24,7
25	1"	28,7	31,0
30		35,8	38,9
32	1 1/4"	35,8	38,9
38	1 1/2"	41,4	45,3

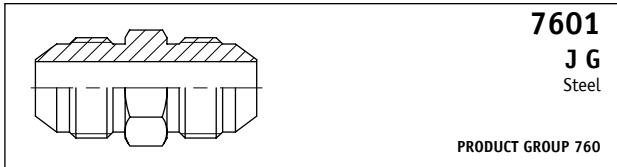


Tightening torque

Hose dim.	Pipe mm	Thread	FFWR hose	FFWR pipe
3/16	6	7/16"-20 UNF	2	2
	8	1/2"-20 UNF	2	2
1/4	10	9/16"-18 UNF	1 1/2	1 1/2
3/8	12	3/4"-16 UNF	1 1/2	1 1/2
1/2	14,15,16	7/8"-14 UNF	1 1/2	1 1/2
3/4	18,20	1.1/16"-12 UN	1	1
	22	1.3/16"-12 UN	1	1
1	25	1.5/16"-12 UN	1	1
1.1/4	30,32	1.5/8"-12 UN	1	1
1.1/2	38	1.7/8"-12 UN	1	1
2	50	2.1/2"-12 UN	1	1

FFWR Flats From Wrench Resistance





7601
J G
Steel

PRODUCT GROUP 760

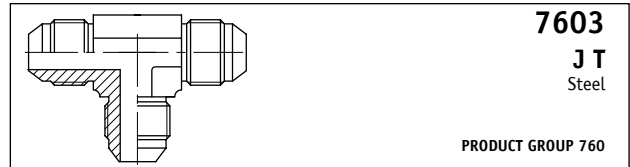
Part number	Type	Pipe dim. (mm)	mm
7601-07-07	J G	6	6
7601-07-08	J G	6	8
7601-07-09	J G	6	10
7601-07-14	J G	6	14,15,16
7601-08-08	J G	8	8
7601-08-09	J G	8	10
7601-08-12	J G	8	12
7601-08-14	J G	8	14,15,16
7601-09-09	J G	10	10
7601-09-12	J G	10	12
7601-09-14	J G	10	14,15,16
7601-09-17	J G	10	18,20
7601-12-12	J G	12	12
7601-12-14	J G	12	14,15,16
7601-12-17	J G	12	18,20
7601-14-14	J G	14,15,16	14,15,16
7601-14-17	J G	14,15,16	18,20
7601-14-21	J G	14,15,16	25
7601-17-17	J G	18,20	18,20
7601-17-19	J G	18,20	22
7601-17-21	J G	20	25
7601-19-19	J G	22	22
7601-19-21	J G	22	25
7601-21-21	J G	25	25
7601-21-26	J G	25	30,32
7601-26-26	J G	30,32	30,32
7601-26-30	J G	30,32	38
7601-30-30	J G	38	38
7601-40-40	J G	50	50



7602
J W
Steel

PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)
7602-07-07	J W	6
7602-08-08	J W	8
7602-09-09	J W	10
7602-12-12	J W	12
7602-14-14	J W	14,15,16
7602-17-17	J W	18,20
7602-19-19	J W	22
7602-21-21	J W	25
7602-26-26	J W	30,32
7602-30-30	J W	38



7603
J T
Steel

PRODUCT GROUP 760

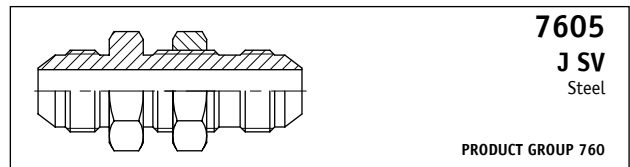
Part number	Type	Pipe dim. (mm)
7603-07-07	J T	6
7603-08-08	J T	8
7603-09-09	J T	10
7603-12-12	J T	12
7603-14-14	J T	14,15,16
7603-17-17	J T	18,20
7603-19-19	J T	22
7603-21-21	J T	25
7603-26-26	J T	30,32
7603-30-30	J T	38



7604
J K
Steel

PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)
7604-07-07	J K	6
7604-09-09	J K	10
7604-12-12	J K	12
7604-14-14	J K	14,15,16
7604-17-17	J K	18,20
7604-21-21	J K	25



7605
J SV
Steel

PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)
7605-07-07	J SV	6
7605-08-08	J SV	8
7605-09-09	J SV	10
7605-12-12	J SV	12
7605-14-14	J SV	14,15,16
7605-17-17	J SV	18,20
7605-21-17	J SV	18,20
7605-21-21	J SV	25
7605-26-26	J SV	30,32
7605-30-30	J SV	38
7605-40-40	J SV	50



7605-00

Locknut

Steel

PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)
7605-00-07	Locknut JIC	6
7605-00-08	Locknut JIC	8
7605-00-09	Locknut JIC	10
7605-00-12	Locknut JIC	12
7605-00-14	Locknut JIC	14,15,16
7605-00-17	Locknut JIC	18,20
7605-00-21	Locknut JIC	25
7605-00-26	Locknut JIC	30,32
7605-00-30	Locknut JIC	38
7605-00-40	Locknut JIC	50



7609

J TSV

Steel

PRODUCT GROUP 760

Part number	Type	Pipe dim. 1 (mm)	Pipe dim. 2 (mm)
7609-07-07	J TSV	6	6
7609-08-08	J TSV	8	8
7609-09-09	J TSV	10	10
7609-12-12	J TSV	12	12
7609-14-14	J TSV	14,15,16	14,15,16
7609-14-17	J TSV	14,15,16	18,20
7609-17-17	J TSV	18,20	18,20
7609-17-21	J TSV	18,20	25
7609-21-21	J TSV	25	25
7609-26-26	J TSV	30,32	30,32
7609-30-30	J TSV	38	38



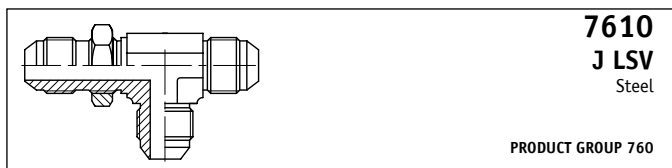
7606

J WSV

Steel

PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)
7606-07-07	J WSV	6
7606-08-08	J WSV	8
7606-09-09	J WSV	10
7606-12-12	J WSV	12
7606-14-14	J WSV	14,15,16
7606-17-17	J WSV	18,20
7606-21-21	J WSV	25
7606-26-26	J WSV	30,32
7606-30-30	J WSV	38



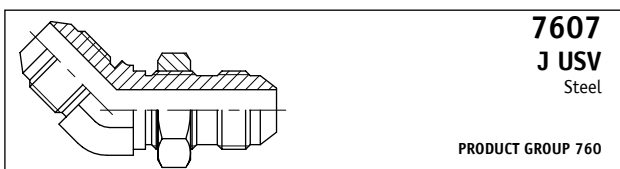
7610

J LSV

Steel

PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)
7610-07-07	J LSV	6
7610-09-09	J LSV	10
7610-12-12	J LSV	12
7610-14-14	J LSV	14,15,16



7607

J USV

Steel

PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)
7607-07-07	J USV	6
7607-08-08	J USV	8
7607-09-09	J USV	10
7607-12-12	J USV	12
7607-14-14	J USV	14,15,16
7607-17-17	J USV	18,20
7607-21-21	J USV	25
7607-30-30	J USV	38

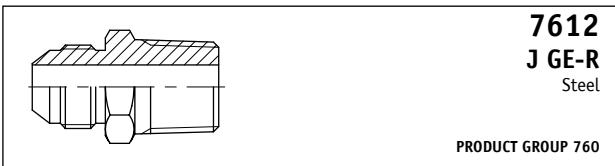




7611
J GE-N
Steel

PRODUCT GROUP 760

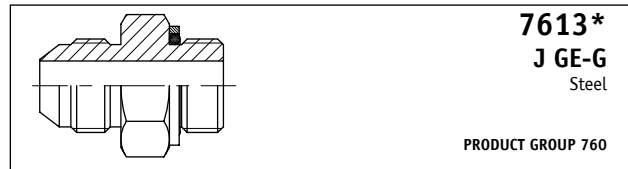
Part number	Type	Pipe dim. (mm)	Thread
7611-07-02	J GE-N	6	1/8"-27 NPTF
7611-07-04	J GE-N	6	1/4"-18 NPTF
7611-07-06	J GE-N	6	3/8"-18 NPTF
7611-07-08	J GE-N	6	1/2"-14 NPTF
7611-08-02	J GE-N	8	1/8"-27 NPTF
7611-08-04	J GE-N	8	1/4"-18 NPTF
7611-08-06	J GE-N	8	3/8"-18 NPTF
7611-09-02	J GE-N	10	1/8"-27 NPTF
7611-09-04	J GE-N	10	1/4"-18 NPTF
7611-09-06	J GE-N	10	3/8"-18 NPTF
7611-09-08	J GE-N	10	1/2"-14 NPTF
7611-12-04	J GE-N	12	1/4"-18 NPTF
7611-12-06	J GE-N	12	3/8"-18 NPTF
7611-12-08	J GE-N	12	1/2"-14 NPTF
7611-12-12	J GE-N	12	3/4"-14 NPTF
7611-14-06	J GE-N	14,15,16	3/8"-18 NPTF
7611-14-08	J GE-N	14,15,16	1/2"-14 NPTF
7611-14-12	J GE-N	14,15,16	3/4"-14 NPTF
7611-17-08	J GE-N	18,20	1/2"-14 NPTF
7611-17-12	J GE-N	18,20	3/4"-14 NPTF
7611-17-16	J GE-N	18,20	1"-11½ NPTF
7611-17-24	J GE-N	20	1 1/2"-11½ NPTF
7611-19-12	J GE-N	22	3/4"-14 NPTF
7611-21-08	J GE-N	25	1/2"-14 NPTF
7611-21-12	J GE-N	25	3/4"-14 NPTF
7611-21-16	J GE-N	25	1"-11½ NPTF
7611-21-20	J GE-N	25	1 1/4"-11½ NPTF
7611-26-16	J GE-N	30,32	1"-11½ NPTF
7611-26-20	J GE-N	30,32	1 1/4"-11½ NPTF
7611-26-24	J GE-N	30,32	1 1/2"-11½ NPTF
7611-30-16	J GE-N	38	1"-11½ NPTF
7611-30-20	J GE-N	38	1 1/4"-11½ NPTF
7611-30-24	J GE-N	38	1 1/2"-11½ NPTF
7611-40-32	J GE-N	50	2"-11½ NPTF



7612
J GE-R
Steel

PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)	Thread
7612-07-02	J GE-R	6	R 1/8"
7612-09-04	J GE-R	10	R 1/4"
7612-09-08	J GE-R	10	R 1/2"



7613*
J GE-G
Steel

PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)	Thread
7613-07-02	J GE-G	6	G 1/8"
7613-07-04	J GE-G	6	G 1/4"
7613-07-06	J GE-G	6	G 3/8"
7613-07-08	J GE-G	6	G 1/2"
7613-08-02	J GE-G	8	G 1/8"
7613-08-04	J GE-G	8	G 1/4"
7613-08-06	J GE-G	8	G 3/8"
7613-09-02	J GE-G	10	G 1/8"
7613-09-04	J GE-G	10	G 1/4"
7613-09-06	J GE-G	10	G 3/8"
7613-09-08	J GE-G	10	G 1/2"
7613-12-04	J GE-G	12	G 1/4"
7613-12-06	J GE-G	12	G 3/8"
7613-12-08	J GE-G	12	G 1/2"
7613-12-12	J GE-G	12	G 3/4"
7613-14-06	J GE-G	14,15,16	G 3/8"
7613-14-08	J GE-G	14,15,16	G 1/2"
7613-14-12	J GE-G	14,15,16	G 3/4"
7613-17-06	J GE-G	18,20	G 3/8"
7613-17-08	J GE-G	18,20	G 1/2"
7613-17-12	J GE-G	18,20	G 3/4"
7613-17-16	J GE-G	18,20	G 1"
7613-19-12	J GE-G	22	G 3/4"
7613-21-08	J GE-G	25	G 1/2"
7613-21-12	J GE-G	25	G 3/4"
7613-21-16	J GE-G	25	G 1"
7613-21-20	J GE-G	25	G 1 1/4"
7613-21-24	J GE-G	25	G 1 1/2"
7613-26-16	J GE-G	30,32	G 1"
7613-26-20	J GE-G	30,32	G 1 1/4"
7613-26-24	J GE-G	30,32	G 1 1/2"
7613-30-16	J GE-G	38	G 1"
7613-30-20	J GE-G	38	G 1 1/4"
7613-30-24	J GE-G	38	G 1 1/2"

*Available in an improved version with ED sealing, see 7616



7613-81
Support ring
For BSP-thread

PRODUCT GROUP 760

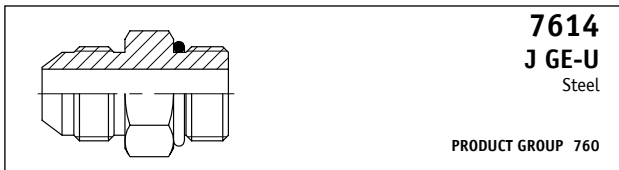
Part number	Type	Thread
7613-81-02	Support ring	1/8"
7613-81-04	Support ring	1/4"
7613-81-06	Support ring	3/8"
7613-81-08	Support ring	1/2"
7613-81-12	Support ring	3/4"
7613-81-16	Support ring	1"
7613-81-20	Support ring	1 1/4"
7613-81-24	Support ring	1 1/2"



Part number	Type	Thread
7613-91-02	O-ring	1/8"
7613-91-04	O-ring	1/4"
7613-91-06	O-ring	3/8"
7613-91-08	O-ring	1/2"
7613-91-12	O-ring	3/4"
7613-91-16	O-ring	1"
7613-91-20	O-ring	1 1/4"
7613-91-24	O-ring	1 1/2"



Part number	Type	Pipe dim. (mm)	Thread
7615-07-10	J GE-M	6	M 10 x 1,0
7615-07-12	J GE-M	6	M 12 x 1,5
7615-07-14	J GE-M	6	M 14 x 1,5
7615-08-12	J GE-M	8	M 12 x 1,5
7615-08-14	J GE-M	8	M 14 x 1,5
7615-09-10	J GE-M	10	M 10 x 1,0
7615-09-12	J GE-M	10	M 12 x 1,5
7615-09-14	J GE-M	10	M 14 x 1,5
7615-09-16	J GE-M	10	M 16 x 1,5
7615-12-14	J GE-M	12	M 14 x 1,5
7615-12-16	J GE-M	12	M 16 x 1,5
7615-12-18	J GE-M	12	M 18 x 1,5
7615-12-22	J GE-M	12	M 22 x 1,5
7615-12-26	J GE-M	12	M 26 x 1,5
7615-14-16	J GE-M	14,15,16	M 16 x 1,5
7615-14-18	J GE-M	14,15,16	M 18 x 1,5
7615-14-22	J GE-M	14,15,16	M 22 x 1,5
7615-14-27	J GE-M	14,15,16	M 27 x 2,0
7615-17-18	J GE-M	18,20	M 18 x 1,5
7615-17-22	J GE-M	18,20	M 22 x 1,5
7615-17-26	J GE-M	18,20	M 26 x 1,5
7615-17-27	J GE-M	18,20	M 27 x 2,0
7615-17-33	J GE-M	18,20	M 33 x 2,0
7615-21-22	J GE-M	25	M 22 x 1,5
7615-21-27	J GE-M	25	M 27 x 2,0
7615-21-33	J GE-M	25	M 33 x 2,0
7615-26-33	J GE-M	30,32	M 33 x 2,0
7615-26-42	J GE-M	30,32	M 42 x 2,0
7615-30-33	J GE-M	38	M 33 x 2,0



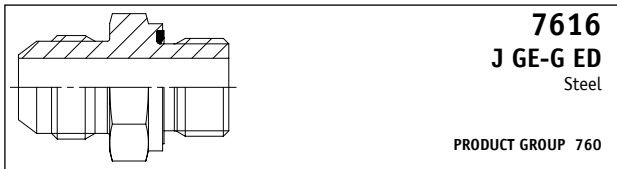
Part number	Type	Pipe dim. (mm)	Thread
7614-07-07	J GE-U	6	7/16"-20 UNF
7614-07-08	J GE-U	6	1/2"-20 UNF
7614-07-09	J GE-U	6	9/16"-18 UNF
7614-07-12	J GE-U	6	3/4"-16 UNF
7614-07-14	J GE-U	6	7/8"-14 UNF
7614-08-07	J GE-U	8	7/16"-20 UNF
7614-08-08	J GE-U	8	1/2"-20 UNF
7614-08-09	J GE-U	8	9/16"-18 UNF
7614-08-12	J GE-U	8	3/4"-16 UNF
7614-09-07	J GE-U	10	7/16"-20 UNF
7614-09-09	J GE-U	10	9/16"-18 UNF
7614-09-12	J GE-U	10	3/4"-16 UNF
7614-09-14	J GE-U	10	7/8"-14 UNF
7614-12-07	J GE-U	12	7/16"-20 UNF
7614-12-08	J GE-U	12	1/2"-20 UNF
7614-12-09	J GE-U	12	9/16"-18 UNF
7614-12-12	J GE-U	12	3/4"-16 UNF
7614-12-14	J GE-U	12	7/8"-14 UNF
7614-12-17	J GE-U	12	1 1/16"-12 UN
7614-12-21	J GE-U	12	1 5/16"-12 UN
7614-14-12	J GE-U	14,15,16	3/4"-16 UNF
7614-14-14	J GE-U	14,15,16	7/8"-14 UNF
7614-14-17	J GE-U	14,15,16	1 1/16"-12 UN
7614-14-21	J GE-U	14,15,16	1 5/16"-12 UN
7614-17-12	J GE-U	18,20	3/4"-16 UNF
7614-17-14	J GE-U	18,20	7/8"-14 UNF
7614-17-17	J GE-U	18,20	1 1/16"-12 UN
7614-17-21	J GE-U	18,20	1 5/16"-12 UN
7614-17-26	J GE-U	18,20	1 1/16"-12 UN
7614-19-19	J GE-U	22	1 3/16"-12 UN
7614-21-14	J GE-U	25	7/8"-14 UNF
7614-21-17	J GE-U	25	1 1/16"-12 UN
7614-21-21	J GE-U	25	1 5/16"-12 UN
7614-21-26	J GE-U	25	1 5/8"-12 UN
7614-26-21	J GE-U	30,32	1 5/16"-12 UN
7614-26-26	J GE-U	30,32	1 5/8"-12 UN
7614-26-30	J GE-U	30,32	1 7/8"-12 UN
7614-30-26	J GE-U	38	1 5/8"-12 UN
7614-30-30	J GE-U	38	1 7/8"-12 UN
7614-40-40	J GE-U	50	2 1/2"-12 UN



Part number	Type	Pipe dim. (mm)	Thread
7615-09-14-90	J GE-M	10	M 14 x 1,5
7615-12-14-90	J GE-M	12	M 14 x 1,5
7615-12-16-90	J GE-M	12	M 16 x 1,5
7615-12-18-90	J GE-M	12	M 18 x 1,5
7615-14-18-90	J GE-M	14,15,16	M 18 x 1,5
7615-21-27-90	J GE-M	25	M 27 x 2,0

*Available in a improved version with ED sealing, see 7618



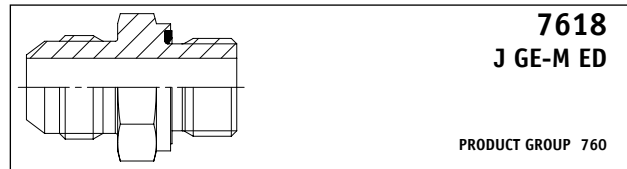


7616
J GE-G ED
Steel

PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)	Thread
7616-07-02	J GE-G ED	6	G 1/8"
7616-07-04	J GE-G ED	6	G 1/4"
7616-07-06	J GE-G ED	6	G 3/8"
7616-07-08	J GE-G ED	6	G 1/2"
7616-08-04	J GE-G ED	8	G 1/4"
7616-08-06	J GE-G ED	8	G 3/8"
7616-09-02	J GE-G ED	10	G 1/8"
7616-09-04	J GE-G ED	10	G 1/4"
7616-09-06	J GE-G ED	10	G 3/8"
7616-09-08	J GE-G ED	10	G 1/2"
7616-12-04	J GE-G ED	12	G 1/4"
7616-12-06	J GE-G ED	12	G 3/8"
7616-12-08	J GE-G ED	12	G 1/2"
7616-12-12	J GE-G ED	12	G 3/4"
7616-12-16	J GE-G ED	12	G 1"
7616-14-06	J GE-G ED	14,15,16	G 3/8"
7616-14-08	J GE-G ED	14,15,16	G 1/2"
7616-14-12	J GE-G ED	14,15,16	G 3/4"
7616-14-16	J GE-G ED	14,15,16	G 1"
7616-17-06	J GE-G ED	18,20	G 3/8"
7616-17-08	J GE-G ED	18,20	G 1/2"
7616-17-12	J GE-G ED	18,20	G 3/4"
7616-17-16	J GE-G ED	18,20	G 1"
7616-17-16-90*	J GE-G ED	18,20	G1"
7616-17-20	J GE-G ED	18,20	G 1 1/4"
7616-19-12	J GE-G ED	22	G 3/4"
7616-21-08	J GE-G ED	25	G 1/2"
7616-21-12	J GE-G ED	25	G 3/4"
7616-21-16	J GE-G ED	25	G 1"
7616-21-16-90*	J GE-G ED	25	G1"
7616-21-20	J GE-G ED	25	G 1 1/4"
7616-21-20-90*	J GE-G ED	25	G1.1/4"
7616-21-24	J GE-G ED	25	G 1 1/2"
7616-26-16	J GE-G ED	30,32	G 1"
7616-26-16-90*	J GE-G ED	30,32	G1"
7616-26-20	J GE-G ED	30,32	G 1 1/4"
7616-26-20-90*	J GE-G ED	30,32	G1.1/4"
7616-26-24-90*	J GE-G ED	30,32	G1. 1/2"
7616-30-16	J GE-G ED	38	G 1"
7616-30-16-90*	J GE-G ED	38	G1"
7616-30-20	J GE-G ED	38	G 1 1/4"
7616-30-20-90*	J GE-G ED	38	G1.1/4"
7616-30-24	J GE-G ED	38	G 1 1/2"
7616-30-24-90*	J GE-G ED	38	G1 1/2"

*Thread length 16 mm



7618
J GE-M ED

PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)	Thread
7618-12-12	J GE - M ED	12	M 12 x 1,5
7618-17-16	J GE - M ED	18,20	M 16 x 1,5
7618-17-26	J GE - M ED	18,20	M 26 x 1,5
7618-21-26	J GE - M ED	25	M 26 x 1,5



7619
J WE-N Long

PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)	Thread
7619-07-02	J WE-N Long	6	1/8"-27 NPTF
7619-07-04	J WE-N Long	6	1/4"-18 NPTF
7619-09-06	J WE-N Long	10	3/8"-18 NPTF
7619-12-12	J WE-N Long	12	3/4"-14 NPTF
7619-17-12	J WE-N Long	18,20	3/4"-14 NPTF



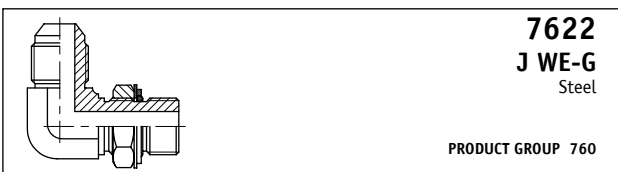
7620
J WE-N
Steel

PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)	Thread
7620-07-02	J WE-N	6	1/8"-27 NPTF
7620-07-04	J WE-N	6	1/4"-18 NPTF
7620-07-06	J WE-N	6	3/8"-18 NPTF
7620-07-08	J WE-N	6	1/2"-14 NPTF
7620-08-02	J WE-N	8	1/8"-27 NPTF
7620-08-04	J WE-N	8	1/4"-18 NPTF
7620-09-02	J WE-N	10	1/8"-27 NPTF
7620-09-04	J WE-N	10	1/4"-18 NPTF
7620-09-06	J WE-N	10	3/8"-18 NPTF
7620-09-08	J WE-N	10	1/2"-14 NPTF
7620-09-12	J WE-N	10	3/4"-14 NPTF
7620-12-04	J WE-N	12	1/4"-18 NPTF
7620-12-06	J WE-N	12	3/8"-18 NPTF
7620-12-08	J WE-N	12	1/2"-14 NPTF
7620-12-12	J WE-N	12	3/4"-14 NPTF
7620-12-16	J WE-N	12	1"-11½ NPTF
7620-14-06	J WE-N	14,15,16	3/8"-18 NPTF
7620-14-08	J WE-N	14,15,16	1/2"-14 NPTF
7620-14-12	J WE-N	14,15,16	3/4"-14 NPTF
7620-17-08	J WE-N	18,20	1/2"-14 NPTF
7620-17-12	J WE-N	18,20	3/4"-14 NPTF
7620-17-16	J WE-N	18,20	1"-11½ NPTF
7620-21-12	J WE-N	25	3/4"-14 NPTF
7620-21-16	J WE-N	25	1"-11½ NPTF
7620-21-20	J WE-N	25	1 1/4"-11½ NPTF
7620-26-16	J WE-N	30,32	1"-11½ NPTF
7620-26-20	J WE-N	30,32	1 1/4"-11½ NPTF
7620-30-24	J WE-N	38	1 1/2"-11½ NPTF



Part number	Type	Pipe dim. (mm)	Thread
7621-07-02	J WE - N X-Long	6	1/8"-27 NPTF
7621-07-03	J WE - N XX-Long	6	1/8"-27 NPTF
7621-07-04	J WE - N X-Long	6	1/4"-18 NPTF
7621-07-05	J WE - N XX-Long	6	1/4"-18 NPTF
7621-08-03	J WE - N XX-Long	8	1/8"-27 NPTF
7621-08-04	J WE - N X-Long	8	1/4"-18 NPTF
7621-09-04	J WE - N X-Long	10	1/4"-18 NPTF
7621-12-07	J WE - N XX-Long	12	3/8"-18 NPTF
7621-12-08	J WE - N X-Long	12	1/2"-14 NPTF
7621-14-09	J WE - N XX-Long	14,15,16	1/2"-14 NPTF
7621-17-12	J WE - N X-Long	18,20	3/4"-14 NPTF
7621-21-16	J WE - N X-Long	25	1"-11½ NPTF
7621-26-20	J WE - N X-Long	30	1 1/4"-11½ NPTF



Part number	Type	Pipe dim. (mm)	Thread
7622-07-02	J WE-G	6	G 1/8"
7622-07-04	J WE-G	6	G 1/4"
7622-08-04	J WE-G	8	G 1/4"
7622-09-02	J WE-G	10	G 1/8"
7622-09-04	J WE-G	10	G 1/4"
7622-09-06	J WE-G	10	G 3/8"
7622-09-08	J WE-G	10	G 1/2"
7622-12-04	J WE-G	12	G 1/4"
7622-12-06	J WE-G	12	G 3/8"
7622-12-08	J WE-G	12	G 1/2"
7622-12-12	J WE-G	12	G 3/4"
7622-14-06	J WE-G	14,15,16	G 3/8"
7622-14-08	J WE-G	14,15,16	G 1/2"
7622-14-12	J WE-G	14,15,16	G 3/4"
7622-17-08	J WE-G	18,20	G 1/2"
7622-17-12	J WE-G	18,20	G 3/4"
7622-17-16	J WE-G	18,20	G 1"
7622-21-12	J WE-G	25	G 3/4"
7622-21-16	J WE-G	25	G 1"
7622-21-20	J WE-G	25	G 1 1/4"
7622-26-16	J WE-G	30,32	G 1"
7622-26-20	J WE-G	30,32	G 1 1/4"
7622-30-20	J WE-G	38	G 1 1/4"
7622-30-24	J WE-G	38	G 1 1/2"

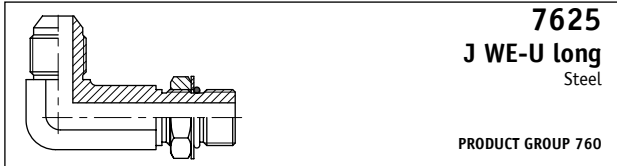


Part number	Type	Pipe dim. (mm)	Thread
7623-07-07	J WE-U	6	7/16"-20 UNF
7623-07-08	J WE-U	6	1/2"-20 UNF
7623-07-09	J WE-U	6	9/16"-18 UNF
7623-08-08	J WE-U	8	1/2"-20 UNF
7623-09-07	J WE-U	10	7/16"-20 UNF
7623-09-09	J WE-U	10	9/16"-18 UNF
7623-09-12	J WE-U	10	3/4"-16 UNF
7623-09-14	J WE-U	10	7/8"-14 UNF
7623-12-09	J WE-U	12	9/16"-18 UNF
7623-12-12	J WE-U	12	3/4"-16 UNF
7623-12-14	J WE-U	12	7/8"-14 UNF
7623-12-17	J WE-U	12	1 1/16"-12 UN
7623-14-12	J WE-U	14,15,16	3/4"-16 UNF
7623-14-14	J WE-U	14,15,16	7/8"-14 UNF
7623-14-17	J WE-U	14,15,16	1 1/16"-12 UN
7623-14-21	J WE-U	14,15,16	1 5/16"-12 UN
7623-17-12	J WE-U	18,20	3/4"-16 UNF
7623-17-14	J WE-U	18,20	7/8"-14 UNF
7623-17-17	J WE-U	18,20	1 1/16"-12 UN
7623-17-21	J WE-U	18,20	1 5/16"-12 UN
7623-17-26	J WE-U	18,20	1 5/8"-12 UN
7623-21-14	J WE-U	25	7/8"-14 UNF
7623-21-17	J WE-U	25	1 1/16"-12 UN
7623-21-21	J WE-U	25	1 5/16"-12 UN
7623-21-26	J WE-U	25	1 5/8"-12 UN
7623-26-21	J WE-U	30,32	1 5/16"-12 UN
7623-26-26	J WE-U	30,32	1 5/8"-12 UN
7623-30-30	J WE-U	38	1 7/8"-12 UN



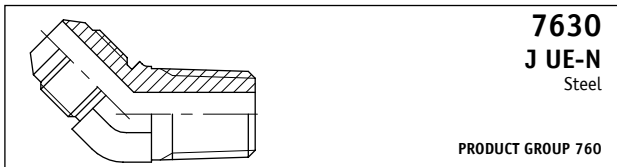
Part number	Type	Pipe dim. (mm)	Thread
7624-07-10	J WE-M	6	M 10 x 1.0
7624-07-12	J WE-M	6	M 12 x 1.5
7624-08-12	J WE-M	8	M 12 x 1.5
7624-09-14	J WE-M	10	M 14 x 1.5
7624-12-14	J WE-M	12	M 14 x 1.5
7624-12-16	J WE-M	12	M 16 x 1.5
7624-12-18	J WE-M	12	M 18 x 1.5
7624-14-18	J WE-M	14,15,16	M 18 x 1.5
7624-14-20	J WE-M	14,15,16	M 20 x 1.5
7624-14-22	J WE-M	14,15,16	M 22 x 1.5
7624-14-26	J WE-M	14,15,16	M 26 x 1.5
7624-17-22	J WE-M	18,20	M 22 x 1.5
7624-17-26	J WE-M	18,20	M 26 x 1.5
7624-17-27	J WE-M	18,20	M 27 x 2.0
7624-21-33	J WE-M	25	M 33 x 2.0
7624-26-42	J WE-M	30	M 42 x 2.0





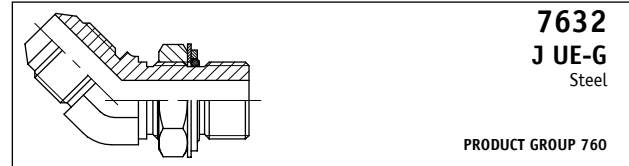
7625
J WE-U long
Steel
PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)	Thread
7625-07-07	J WE-U Long	6	7/16"-20 UNF
7625-09-09	J WE-U Long	10	9/16"-18 UNF
7625-12-12	J WE-U Long	12	3/4"-16 UNF
7625-12-17	J WE-U Long	12	1 1/16"-12 UN
7625-21-21	J WE-U Long	25	1 5/16"-12 UN



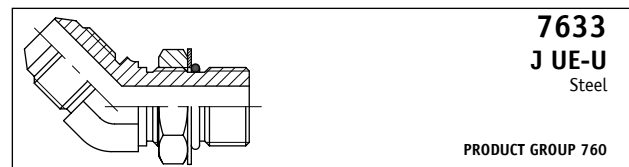
7630
J UE-N
Steel
PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)	Thread
7630-07-02	J UE-N	6	1/8"-27 NPTF
7630-07-04	J UE-N	6	1/4"-18 NPTF
7630-07-06	J UE-N	6	3/8"-18 NPTF
7630-08-02	J UE-N	8	1/8"-27 NPTF
7630-09-02	J UE-N	10	1/8"-27 NPTF
7630-09-04	J UE-N	10	1/4"-18 NPTF
7630-09-06	J UE-N	10	3/8"-18 NPTF
7630-09-08	J UE-N	10	1/2"-14 NPTF
7630-12-04	J UE-N	12	1/4"-18 NPTF
7630-12-06	J UE-N	12	3/8"-18 NPTF
7630-12-08	J UE-N	12	1/2"-14 NPTF
7630-12-12	J UE-N	12	3/4"-14 NPTF
7630-14-08	J UE-N	14,15,16	1/2"-14 NPTF
7630-14-12	J UE-N	14,15,16	3/4"-14 NPTF
7630-17-08	J UE-N	18,20	1/2"-14 NPTF
7630-17-12	J UE-N	18,20	3/4"-14 NPTF
7630-17-16	J UE-N	18,20	1"-11 1/2 NPTF
7630-21-12	J UE-N	25	3/4"-14 NPTF
7630-21-16	J UE-N	25	1"-11 1/2 NPTF
7630-26-20	J UE-N	30,32	1 1/4"-11 1/2 NPTF
7630-30-24	J UE-N	38	1 1/2"-11 1/2 NPTF



7632
J UE-G
Steel
PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)	Thread
7632-07-02	J UE-G	6	G 1/8"
7632-07-04	J UE-G	6	G 1/4"
7632-08-02	J UE-G	8	G 1/8"
7632-08-04	J UE-G	8	G 1/4"
7632-09-04	J UE-G	10	G 1/4"
7632-09-06	J UE-G	10	G 3/8"
7632-09-08	J UE-G	10	G 1/2"
7623-12-04	J UE-G	12	G 1/4"
7632-12-06	J UE-G	12	G 3/8"
7632-12-08	J UE-G	12	G 1/2"
7632-14-06	J UE-G	14,15,16	G 3/8"
7632-14-08	J UE-G	14,15,16	G 1/2"
7632-14-12	J UE-G	14,15,16	G 3/4"
7632-17-08	J UE-G	18,20	G 1/2"
7632-17-12	J UE-G	18,20	G 3/4"
7632-17-16	J UE-G	18,20	G 1"
7632-21-12	J UE-G	25	G 3/4"
7632-21-16	J UE-G	25	G 1"
7632-21-20	J UE-G	25	G 1 1/4"
7632-26-20	J UE-G	30,32	G 1 1/4"
7632-30-24	J UE-G	38	G 1 1/2"



7633
J UE-U
Steel
PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)	Thread
7633-07-07	J UE-U	6	7/16"-20 UNF
7633-07-09	J UE-U	6	9/16"-18 UNF
7633-08-08	J UE-U	8	1/2"-20 UNF
7633-09-09	J UE-U	10	9/16"-18 UNF
7633-09-12	J UE-U	12	3/4"-16 UNF
7633-12-09	J UE-U	12	9/16"-18 UNF
7633-12-12	J UE-U	12	3/4"-16 UNF
7633-12-17	J UE-U	12	1 1/16"-12 UN
7633-14-12	J UE-U	14,15,16	3/4"-16 UNF
7633-14-14	J UE-U	14,15,16	7/8"-14 UNF
7633-14-17	J UE-U	14,15,16	1 1/16"-12 UN
7633-17-14	J UE-U	18,20	7/8"-14 UN
7633-17-17	J UE-U	18,20	1 1/16"-12 UN
7633-17-21	J UE-U	18,20	1 5/16"-12 UN
7633-21-17	J UE-U	25	1 1/16"-12 UN
7633-21-21	J UE-U	25	1 5/16"-12 UN
7633-21-26	J UE-U	25	1 5/8"-12 UN
7633-26-21	J UE-U	30,32	1 5/16"-12 UN
7633-26-26	J UE-U	30,32	1 5/8"-12 UN
7633-30-30	J UE-U	38	1 7/8"-12 UN



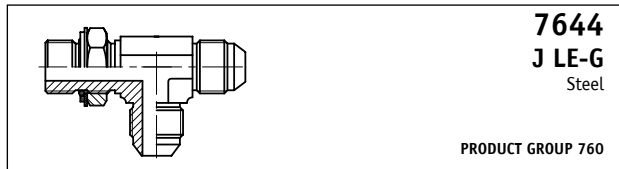
Part number	Type	Pipe dim. (mm)	Thread
7640-07-02	J TE-N	6	1/8"-29 NPTF
7640-07-04	J TE-N	6	1/4"-18 NPTF
7640-09-04	J TE-N	10	1/4"-18 NPTF
7640-09-06	J TE-N	10	3/8"-18 NPTF
7640-12-06	J TE-N	12	3/8"-18 NPTF
7640-12-08	J TE-N	12	1/2"-14 NPTF
7640-14-08	J TE-N	14,15,16	1/2"-14 NPTF
7640-17-12	J TE-N	18,20	3/4"-14 NPTF
7640-21-16	J TE-N	25	1"-11½ NPTF
7640-26-20	J TE-N	30	1 1/4"-11½ NPTF



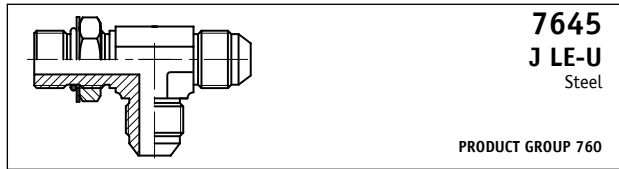
Part number	Type	Pipe dim. (mm)	Thread
7641-07-02	J TE-G	6	G 1/8"
7641-07-04	J TE-G	6	G 1/4"
7641-08-02	J TE-G	8	G 1/8"
7641-09-04	J TE-G	10	G 1/4"
7641-09-06	J TE-G	10	G 3/8"
7641-12-06	J TE-G	12	G 3/8"
7641-12-08	J TE-G	12	G 1/2"
7641-14-08	J TE-G	14,15,16	G 1/2"
7641-17-08	J TE-G	18,20	G 1/2"
7641-17-12	J TE-G	18,20	G 3/4"
7641-17-16	J TE-G	18,20	G 1"
7641-21-12	J TE-G	25	G 3/4"
7641-21-16	J TE-G	25	G 1"
7641-21-20	J TE-G	25	G 1 1/4"
7641-26-20	J TE-G	30,32	G 1 1/4"
7641-30-24	J TE-G	38	G 1 1/2"



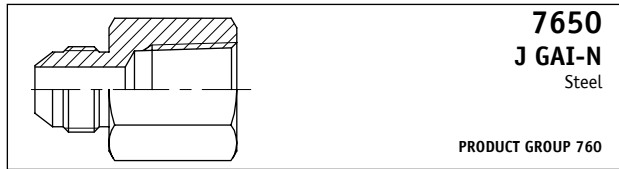
Part number	Type	Pipe dim. (mm)	Thread
7642-07-07	J TE-U	6	7/16"-20 UNF
7642-08-08	J TE-U	8	1/2"-20 UNF
7642-09-09	J TE-U	10	9/16"-18 UNF
7642-12-12	J TE-U	12	3/4"-16 UNF
7642-14-14	J TE-U	14,15,16	7/8"-14 UNF
7642-17-17	J TE-U	18,20	1 1/16"-12 UN
7642-21-21	J TE-U	25	1 5/16"-12 UN
7642-26-21	J TE-U	30,32	1 5/16"-12 UN
7642-26-26	J TE-U	30,32	1 5/8"-12 UN
7642-30-30	J TE-U	38	1 7/8"-12 UN
7642-40-40	J TE-U	50	2 1/2"-12 UN



Part number	Type	Pipe dim. (mm)	Thread
7644-07-02	J LE-G	6	G 1/8"
7644-07-04	J LE-G	6	G 1/4"
7644-08-02	J LE-G	8	G 1/8"
7644-08-04	J LE-G	8	G 1/4"
7644-09-04	J LE-G	10	G 1/4"
7644-09-06	J LE-G	10	G 3/8"
7644-12-06	J LE-G	12	G 3/8"
7644-12-08	J LE-G	12	G 1/2"
7644-14-08	J LE-G	14,15,16	G 1/2"
7644-14-12	J LE-G	14,15,16	G 3/4"
7644-17-08	J LE-G	18,20	G 1/2"
7644-17-12	J LE-G	18,20	G 3/4"
7644-21-16	J LE-G	25	G 1"
7644-26-20	J LE-G	30,32	G 1 1/4"
7644-30-24	J LE-G	38	G 1 1/2"

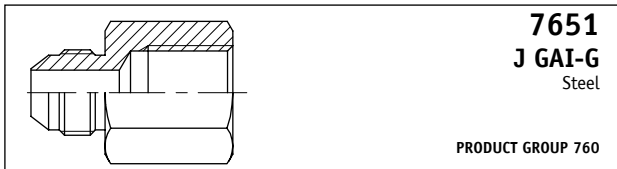


Part number	Type	Pipe dim. (mm)	Thread
7645-07-07	J LE-U	6	7/16"-20 UNF
7645-07-09	J LE-U	6	9/16"-18 UNF
7645-08-08	J LE-U	8	1/2"-20 UNF
7645-09-09	J LE-U	10	9/16"-18 UNF
7645-12-12	J LE-U	12	3/4"-16 UNF
7645-14-14	J LE-U	14,15,16	7/8"-14 UNF
7645-17-17	J LE-U	18,20	1 1/16"-12 UN
7645-21-21	J LE-U	25	1 5/16"-12 UN
7645-30-20	J LE-U	38	1 7/8"-12 UN



Part number	Type	Pipe dim. (mm)	Thread
7650-07-02	J GAI-N	6	1/8"-27 NPTF
7650-07-04	J GAI-N	6	1/4"-18 NPTF
7650-08-02	J GAI-N	8	1/8"-27 NPTF
7650-08-04	J GAI-N	8	1/4"-18 NPTF
7650-09-04	J GAI-N	10	1/4"-18 NPTF
7650-09-06	J GAI-N	10	3/8"-18 NPTF
7650-12-06	J GAI-N	12	3/8"-18 NPTF
7650-12-08	J GAI-N	12	1/2" 14 NPTF
7650-12-12	J GAI-N	12	3/4"-14 NPTF
7650-14-08	J GAI-N	14,15,16	1/2"-14 NPTF
7650-17-08	J GAI-N	18,20	1/2"-14 NPTF
7650-17-12	J GAI-N	18,20	3/4"-14 NPTF
7650-21-16	J GAI-N	25	1"-11½ NPTF





7651
J GAI-G
Steel

PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)	Thread
7651-07-02	J GAI-G	6	G 1/8"
7651-07-04	J GAI-G	6	G 1/4"
7651-08-02	J GAI-G	8	G 1/8"
7651-08-04	J GAI-G	8	G 1/4"
7651-09-04	J GAI-G	10	G 1/4"
7651-09-06	J GAI-G	10	G 3/8"
7651-09-08	J GAI-G	10	G 1/2"
7651-12-04	J GAI-G	12	G 1/4"
7651-12-06	J GAI-G	12	G 3/8"
7651-12-08	J GAI-G	12	G 1/2"
7651-14-08	J GAI-G	14,15,16	G 1/2"
7651-17-08	J GAI-G	18,20	G 1/2"
7651-17-12	J GAI-G	18,20	G 3/4"
7651-21-16	J GAI-G	25	G 1"
7651-26-20	J GAI-G	30,32	G 1 1/4"
7651-30-20	J GAI-G	38	G 1 1/4"
7651-30-24	J GAI-G	38	G 1 1/2"



7660
J EVW
Steel

PRODUCT GROUP 760

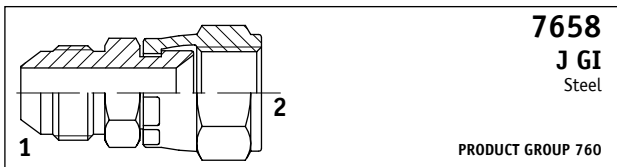
Part number	Type	Pipe dim. (mm)
7660-07-07	J EVW	6
7660-08-08	J EVW	8
7660-09-09	J EVW	10
7660-12-12	J EVW	12
7660-14-14	J EVW	14,15,16
7660-17-17	J EVW	18,20
7660-19-19	J EVW	22
7660-21-21	J EVW	25
7660-26-26	J EVW	30,32
7660-30-30	J EVW	38
7660-40-40	J EVW	50



7661
J EVU
Steel

PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)
7661-07-07	J EVU	6
7661-08-08	J EVU	8
7661-09-09	J EVU	10
7661-12-12	J EVU	12
7661-14-14	J EVU	14,15,16
7661-17-17	J EVU	18,20
7661-21-21	J EVU	25
7661-26-26	J EVU	30,32
7661-30-30	J EVU	38
7661-40-40	J EVU	50



7658
J GI
Steel

PRODUCT GROUP 760

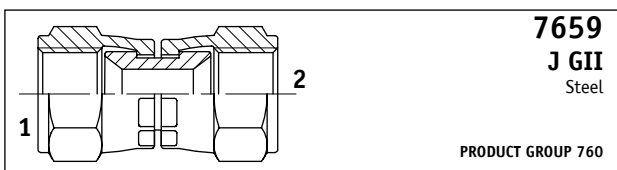
Part number	Type	Pipe dim. 1 (mm)	Pipe dim. 2 (mm)
7658-07-07	J GI	6	6
7658-08-09	J GI	8	10
7658-09-09	J GI	10	10
7658-12-09	J GI	12	10
7658-12-12	J GI	12	12
7658-14-14	J GI	14,15,16	14,15,16
7658-17-17	J GI	18,20	18,20
7658-17-21	J GI	18,20	25
7658-19-19	J GI	22	22
7658-21-21	J GI	25	25
7658-26-26	J GI	30,32	30,32
7658-40-30	J GI	50	38



7662
J EVT
Steel

PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)
7662-07-07	J EVT	6
7662-08-08	J EVT	8
7662-09-09	J EVT	10
7662-12-12	J EVT	12
7662-14-14	J EVT	14,15,16
7662-17-17	J EVT	18,20
7662-21-21	J EVT	25
7662-26-26	J EVT	30,32
7662-30-30	J EVT	38



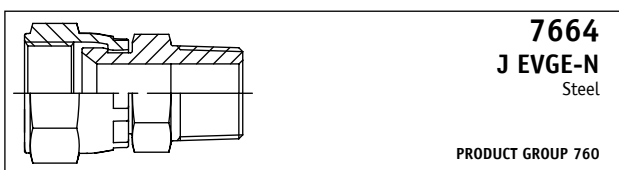
7659
J GII
Steel

PRODUCT GROUP 760

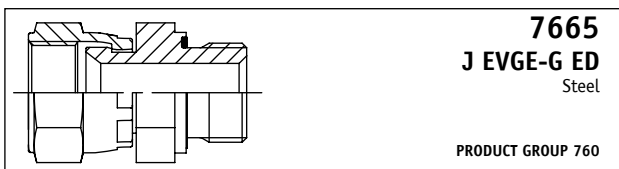
Part number	Type	Pipe dim. 1 (mm)	Pipe dim. 2 (mm)
7659-07-07	J GII	6	6
7659-07-09	J GII	6	10
7659-08-08	J GII	8	8
7659-09-09	J GII	10	10
7659-12-12	J GII	12	12
7659-14-14	J GII	14,15,16	14,15,16
7659-17-17	J GII	18,20	18,20
7659-21-21	J GII	25	25



Part number	Type	Pipe dim. (mm)
7663-07-07	J EVL	6
7663-08-08	J EVL	8
7663-09-09	J EVL	10
7663-12-12	J EVL	12
7663-14-14	J EVL	14,15,16
7663-17-17	J EVL	18,20
7663-21-21	J EVL	25
7663-26-26	J EVL	30,32
7663-30-30	J EVL	38



Part number	Type	Pipe dim. (mm)	Thread
7664-07-04	J EVGE-N	6	1/4" - 18 NPTF
7664-09-04	J EVGE-N	10	1/4" - 18 NPTF
7664-09-06	J EVGE-N	10	3/8"-18 NPTF
7664-12-06	J EVGE-N	12	3/8"-18 NPTF
7664-14-08	J EVGE-N	14,15,16	1/2"- 14 NPTF
7664-17-08	J EVGE-N	18,20	1/2"- 14 NPTF
7664-17-12	J EVGE-N	18,20	3/4" - 14 NPTF
7664-21-12	J EVGE-N	25	3/4" - 14 NPTF
7664-21-16	J EVGE-N	25	1" - 11½ NPTF
7664-26-20	J EVGE-N	30,32	1 1/4" - 11½ NPTF



Part number	Type	Pipe dim. (mm)	Thread
7665-07-02	J EVGE-G ED	6	G 1/8"
7665-07-04	J EVGE-G ED	6	G 1/4"
7665-08-04	J EVGE-G ED	8	G 1/4"
7665-09-04	J EVGE-G ED	10	G 1/4"
7665-09-06	J EVGE-G ED	10	G 3/8"
7665-09-08	J EVGE-G ED	10	G 1/2"
7665-12-04	J EVGE-G ED	12	G 1/4"
7665-12-06	J EVGE-G ED	12	G 3/8"
7665-12-08	J EVGE-G ED	12	G 1/2"
7665-14-06	J EVGE-G ED	14,15,16	G 3/8"
7665-14-08	J EVGE-G ED	14,15,16	G 1/2"
7665-14-12	J EVGE-G ED	14,15,16	G 3/4"
7665-17-08	J EVGE-G ED	18,20	G 1/2"
7665-17-12	J EVGE-G ED	18,20	G 3/4"
7665-17-16	J EVGE-G ED	18,20	G 1"
7665-21-12	J EVGE-G ED	25	G 3/4"
7665-21-16	J EVGE-G ED	25	G 1"
7665-21-20	J EVGE-G ED	25	G 1 1/4"
7665-26-16	J EVGE-G ED	30,32	G 1"
7665-26-20	J EVGE-G ED	30,32	G 1 1/4"
7665-30-20	J EVGE-G ED	38	G 1 1/4"
7665-30-24	J EVGE-G ED	38	G 1 1/2"



Part number	Type	Pipe dim. (mm)	Thread
7666-07-02	J EVGE-G	6	G 1/8"
7666-07-04	J EVGE-G	6	G 1/4"
7666-08-04	J EVGE-G	8	G 1/4"
7666-09-04	J EVGE-G	10	G 1/4"
7666-09-06	J EVGE-G	10	G 3/8"
7666-09-08	J EVGE-G	10	G 1/2"
7666-12-04	J EVGE-G	12	G 1/4"
7666-12-06	J EVGE-G	12	G 3/8"
7666-12-08	J EVGE-G	12	G 1/2"
7666-14-06	J EVGE-G	14,15,16	G 3/8"
7666-14-08	J EVGE-G	14,15,16	G 1/2"
7666-14-10	J EVGE-G	14,15,16	G 5/8"
7666-14-12	J EVGE-G	14,15,16	G 3/4"
7666-17-08	J EVGE-G	18,20	G 1/2"
7666-17-12	J EVGE-G	18,20	G 3/4"
7666-17-16	J EVGE-G	18,20	G 1"
7666-21-12	J EVGE-G	25	G 3/4"
7666-21-16	J EVGE-G	25	G 1"
7666-21-20	J EVGE-G	25	G 1 1/4"
7666-26-16	J EVGE-G	30,32	G 1"
7666-26-20	J EVGE-G	30,32	G 1 1/4"
7666-30-20	J EVGE-G	38	G 1 1/4"
7666-30-24	J EVGE-G	38	G 1 1/2"

*Ersätts av en förbättrad version med ED-tätning, se 7665

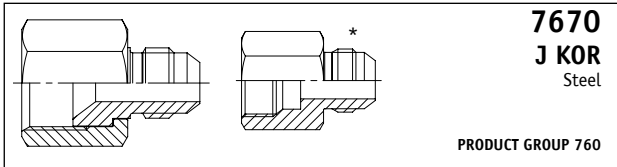


Part number	Type	Pipe dim. (mm)	Thread
7667-07-07	J EVGE-U	6	7/16"-20 UNF
7667-07-09	J EVGE-U	6	9/16"-18 UNF
7667-08-08	J EVGE-U	8	1/2"-20 UNF
7667-09-09	J EVGE-U	10	9/16"-18 UNF
7667-12-09	J EVGE-U	12	9/16"-18 UNF
7667-12-12	J EVGE-U	12	3/4"-16 UNF
7667-12-14	J EVGE-U	12	7/8"-14 UNF
7667-12-17	J EVGE-U	12	1 1/16"-12 UN
7667-14-14	J EVGE-U	14,15,16	7/8"-14 UNF
7667-17-17	J EVGE-U	18,20	1 1/16"-12 UN
7667-21-21	J EVGE-U	25	1 5/16"-12 UN
7667-26-26	J EVGE-U	30,32	1 5/8"-12 UN



Part number	Type	Pipe dim. (mm)	Thread
7669-07-10	J EVGE-M	6	M 10 x 1,0
7669-12-18	J EVGE-M	12	M 18 x 1,5





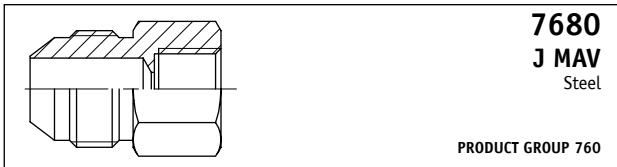
7670

J KOR
Steel

PRODUCT GROUP 760

Part number	Type	Pipe dim. 1 (mm)	Pipe dim. 2 (mm)
7670-08-07*	J KOR	8	6
7670-09-07	J KOR	10	6
7670-09-08*	J KOR	10	8
7670-12-07	J KOR	12	6
7670-12-08	J KOR	12	8
7670-12-09	J KOR	12	10
7670-12-14*	J KOR	12	14,15,16
7670-14-07	J KOR	14,15,16	6
7670-14-08	J KOR	14,15,16	8
7670-14-09	J KOR	14,15,16	10
7670-14-12*	J KOR	14,15,16	12
7670-14-17*	J KOR	14,15,16	18,20
7670-17-07	J KOR	18,20	6
7670-17-08	J KOR	18,20	8
7670-17-09	J KOR	18,20	10
7670-17-12	J KOR	18,20	12
7670-17-14*	J KOR	18,20	14,15,16
7670-17-21*	J KOR	18,20	25
7670-19-17*	J KOR	22	20
7670-21-09	J KOR	25	10
7670-21-12	J KOR	25	12
7670-21-14	J KOR	25	14,15,16
7670-21-17	J KOR	25	18,20
7670-26-12	J KOR	30,32	12
7670-26-14	J KOR	30,32	14,15,16
7670-26-17	J KOR	30,32	18,20
7670-26-21	J KOR	30,32	25
7670-30-14	J KOR	38	14,15,16
7670-30-17	J KOR	38	18,20
7670-30-21	J KOR	38	25
7670-30-26	J KOR	38	30,32

*The reduction is made in one piece.

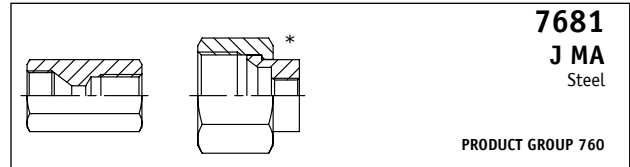


7680

J MAV
Steel

PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)	Thread
7680-07-04	J MAV	6	G 1/4"
7680-07-08	J MAV	6	G 1/2"
7680-08-04	J MAV	8	G 1/4"
7680-08-08	J MAV	8	G 1/2"
7680-09-04	J MAV	10	G 1/4"
7680-09-06	J MAV	10	G 3/8"
7680-09-08	J MAV	10	G 1/2"
7680-12-04	J MAV	12	G 1/4"
7680-12-08	J MAV	12	G 1/2"



7681

J MA
Steel

PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)	Thread
7681-07-04	J MA	6	G 1/4"
7681-08-04	J MA	8	G 1/4"
7681-09-04	J MA	10	G 1/4"
7681-12-04	J MA	12	G 1/4"
7681-14-04	J MA	14,15,16	G 1/4"
7681-17-04	J MA	18,20	G 1/4"
7681-21-04	J MA	25	G 1/4"
7681-26-04	J MA	30,32	G 1/4"
7681-30-04	J MA	38	G 1/4"



7690

J PLI
Steel

PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)
7690-00-07	J PLI	6
7690-00-08	J PLI	8
7690-00-09	J PLI	10
7690-00-12	J PLI	12
7690-00-14	J PLI	14,15,16
7690-00-17	J PLI	18,20
7690-00-19	J PLI	22
7690-00-21	J PLI	25
7690-00-26	J PLI	30,32
7690-00-30	J PLI	38
7690-00-40	J PLI	50



7691

J PLU
Steel
Plug

PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)
7691-00-07	J PLU	6
7691-00-08	J PLU	8
7691-00-09	J PLU	10
7691-00-12	J PLU	12
7691-00-14	J PLU	14,15,16
7691-00-17	J PLU	18,20
7691-00-19	J PLU	22
7691-00-21	J PLU	25
7691-00-26	J PLU	30,32
7691-00-30	J PLU	38
7691-00-40	J PLU	50



7692

J M

Steel

Nut

PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)
7692-00-07	J M	6
7692-00-08	J M	8
7692-00-09	J M	10
7692-00-12	J M	12
7692-00-14	J M	14,15,16
7692-00-18	J M	18,20
7692-00-19	J M	22
7692-00-21	J M	25
7692-00-26	J M	30,32
7692-00-30	J M	38



7693

J D

Steel

Clamping sleeve

PRODUCT GROUP 760

Part number	Type	Pipe dim. (mm)
7693-00-06	J D	6
7693-00-08	J D	8
7693-00-10	J D	10
7693-00-12	J D	12
7693-00-14	J D	14
7693-00-15	J D	15
7693-00-16	J D	16
7693-00-18	J D	18
7693-00-20	J D	20
7693-00-22	J D	22
7693-00-25	J D	25
7693-00-30	J D	30
7693-00-32	J D	32
7693-00-38	J D	38



ORES COUPLING

7:7



7:7



HYDROSCAND ORFS-COUPLING

PRODUCT GROUP 770/510

- * Our ORFS couplings are equivalent to SAE J1453 and ISO 8434-3.
- * The couplings handle high pressure up to 63.0 MPa, with a safety factor of 1:4. They are also resistant to vibrations and system impulses.
- * The sealing between pipe and adaptor is created by a O-ring, which gives a safe unit.
- * The coupling can be dismantled and assembled multiple times without deterioration of the unit. The only thing that needs to be changed is the O-ring.
- * Compared to other types of steel pipe couplings, the ORFS coupling is very resistant to over-torque. This makes a correct assembling easier, even for untrained persons.
- * By changing the clamping sleeve, the coupling can be used for both metric and inch pipes.

Part numbers

The ORFS coupling part number consists of two parts.

The first four digits signify the type (compare with the flare fittings).

The four last digits signify the recommended pipe size in inches. 1/4" for example, gives part number 04.

For deviating connections, the thread size is given in the part number, for example G 3/8" = 06.

Pipe OD		Thread	Part number
mm	inch	UN	
6	1/4"	9/16"-18 UNF	04
8	5/16"	11/16"-16 UN	06
10	3/8"	11/16"-16 UN	06
12	1/2"	13/16"-16 UN	08
14			10
15			10
16	5/8"	1"-14 UNS	10
18	3/4"	1 3/16"-12 UN	12
20			12
22	7/8"	1 7/16"-12 UN	16
25	1"	1 7/16"-12 UN	16
28			20
30			20
32	1 1/4"	1 11/16"-12 UN	20
35			24
38	1 1/2"	2"-12 UN	24

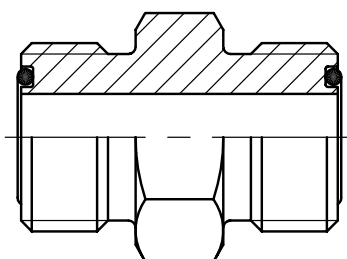


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ASSEMBLY INSTRUCTIONS ORFS

1. Lubrication

Lubricate the O-ring before assembly.

On couplings in steel, the threads do not need lubrication. On couplings in stainless steel, the threads should be lubricated to not cut. Use recommended lubricant part.no 5650-00-05.

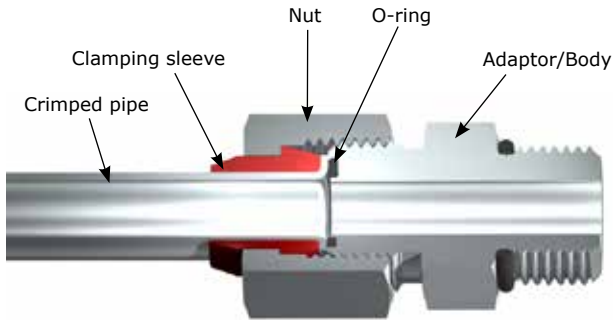
2. Assembly

Screw the nut on the body.

Tighten the nut until metal contact is obtained.

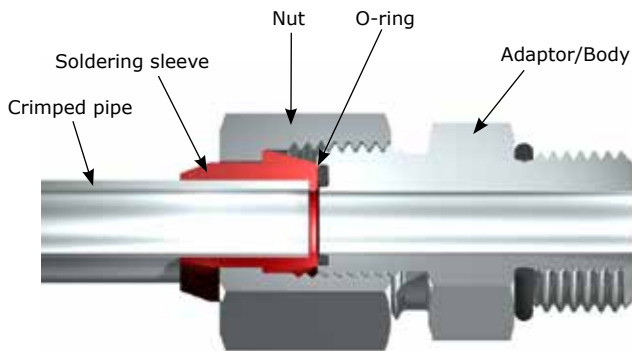
Mark on body and nut.

Then tighten the nut according to the table below.



Flanging

Cut the pipe so the flange is 90°. The clamping sleeve in combination with the nut and O-ring seal the unit.



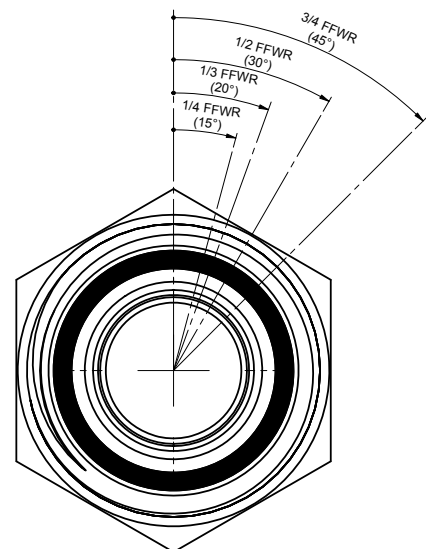
Brazing

An alternative to cut the pipe is to braze/weld an ORFS sleeve to the pipe.

Tightening torque

Pipe (mm)	Pipe dim.	Thread	FFWR new	FFWR reassembly
6	1/4"	9/16"-18 UNF	1/2-3/4	1/4-1/2
8	5/16"	11/16"-16 UN	1/2-3/4	1/4-1/2
10	3/8"	11/16"-16 UN	1/2-3/4	1/4-1/2
12	1/2"	13/16"-16 UN	1/2-3/4	1/4-1/2
14		1"-14 UNS	1/2-3/4	1/4-1/2
15		1"-14 UNS	1/2-3/4	1/4-1/2
16	5/8"	1"-14 UNS	1/2-3/4	1/4-1/2
18		1.3/16"-12 UN	1/3-1/2	1/4-1/2
20	3/4"	1.3/16"-12 UN	1/3-1/2	1/4-1/2
22	7/8"	1.7/16"-12 UN	1/3-1/2	1/4-1/2
25	12	1.7/16"-12 UN	1/3-1/2	1/4-1/2
28		1.11/16"-12 UN	1/3-1/2	1/4-1/2
30		1.11/16"-12 UN	1/3-1/2	1/4-1/2
32	1.1/4"	1.11/16"-12 UN	1/3-1/2	1/4-1/2
38	1.1/2"	2"-12 UN	1/3-1/2	1/4-1/2

FFWR Flats From Wrench Resistance

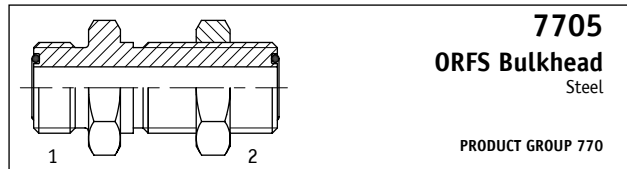




7701
ORFS
Steel

PRODUCT GROUP 770

Part number	Thread 1	Thread 2
7701-04-04	ORFS 04	ORFS 04
7701-04-06	ORFS 04	ORFS 06
7701-06-06	ORFS 06	ORFS 06
7701-06-08	ORFS 06	ORFS 08
7701-08-08	ORFS 08	ORFS 08
7701-08-10	ORFS 08	ORFS 10
7701-08-12	ORFS 08	ORFS 12
7701-10-10	ORFS 10	ORFS 10
7701-10-12	ORFS 10	ORFS 12
7701-12-12	ORFS 12	ORFS 12
7701-12-16	ORFS 12	ORFS 16
7701-16-16	ORFS 16	ORFS 16
7701-16-20	ORFS 16	ORFS 20
7701-20-20	ORFS 20	ORFS 20
7701-20-24	ORFS 20	ORFS 24
7701-24-24	ORFS 24	ORFS 24



7705
ORFS Bulkhead
Steel

PRODUCT GROUP 770

Part number	Thread 1	Thread 2
7705-04-04	ORFS 04	ORFS 04 Bulkhead
7705-06-04	ORFS 06	ORFS 04 Bulkhead
7705-06-06	ORFS 06	ORFS 06 Bulkhead
7705-08-08	ORFS 08	ORFS 08 Bulkhead
7705-10-10	ORFS 10	ORFS 10 Bulkhead
7705-12-12	ORFS 12	ORFS 12 Bulkhead
7705-16-16	ORFS 16	ORFS 16 Bulkhead
7705-20-20	ORFS 20	ORFS 20 Bulkhead
7705-24-24	ORFS 24	ORFS 24 Bulkhead



7702
ORFS 90°
Steel

PRODUCT GROUP 770

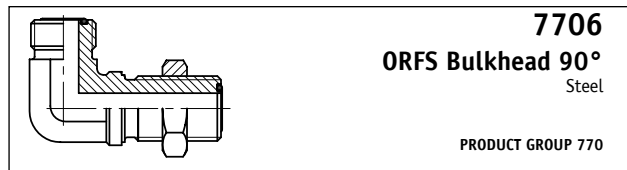
Part number	Thread 1	Type	Thread 2
7702-04-04	ORFS 04	90°	ORFS 04
7702-06-06	ORFS 06	90°	ORFS 06
7702-08-08	ORFS 08	90°	ORFS 08
7702-10-10	ORFS 10	90°	ORFS 10
7702-12-12	ORFS 12	90°	ORFS 12
7702-16-16	ORFS 16	90°	ORFS 16
7702-20-20	ORFS 20	90°	ORFS 20
7702-24-24	ORFS 24	90°	ORFS 24



7705-00
Lock nut
Steel

PRODUCT GROUP 770

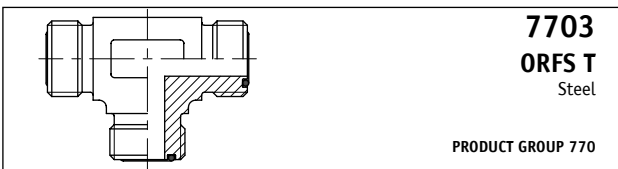
Part number	Type	Thread
7705-00-04	Lock nut	ORFS 04
7705-00-06	Lock nut	ORFS 06
7705-00-08	Lock nut	ORFS 08
7705-00-10	Lock nut	ORFS 10
7705-00-12	Lock nut	ORFS 12
7705-00-16	Lock nut	ORFS 16
7705-00-20	Lock nut	ORFS 20
7705-00-24	Lock nut	ORFS 24



7706
ORFS Bulkhead 90°
Steel

PRODUCT GROUP 770

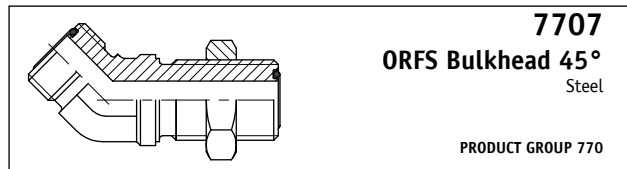
Part number	Thread 1	Type	Thread 2
7706-04-04	ORFS 04	90°	ORFS 04 Bulkhead
7706-06-06	ORFS 06	90°	ORFS 06 Bulkhead
7706-08-08	ORFS 08	90°	ORFS 08 Bulkhead
7706-10-10	ORFS 10	90°	ORFS 10 Bulkhead
7706-12-12	ORFS 12	90°	ORFS 12 Bulkhead
7706-16-16	ORFS 16	90°	ORFS 16 Bulkhead
7706-20-20	ORFS 20	90°	ORFS 20 Bulkhead
7706-24-24	ORFS 24	90°	ORFS 24 Bulkhead



7703
ORFS T
Steel

PRODUCT GROUP 770

Part number	Thread 1	Thread 2	Thread 3	Type
7703-04-04	ORFS 04	ORFS 04	ORFS 04	T
7703-06-06	ORFS 06	ORFS 06	ORFS 06	T
7703-08-08	ORFS 08	ORFS 08	ORFS 08	T
7703-10-10	ORFS 10	ORFS 10	ORFS 10	T
7703-12-12	ORFS 12	ORFS 12	ORFS 12	T
7703-16-16	ORFS 16	ORFS 16	ORFS 16	T
7703-20-20	ORFS 20	ORFS 20	ORFS 20	T
7703-24-24	ORFS 24	ORFS 24	ORFS 24	T



7707
ORFS Bulkhead 45°
Steel

PRODUCT GROUP 770

Part number	Thread 1	Type	Thread 2
7707-04-04	ORFS 04	45°	ORFS 04 Bulkhead
7707-06-06	ORFS 06	45°	ORFS 06 Bulkhead
7707-08-08	ORFS 08	45°	ORFS 08 Bulkhead
7707-10-10	ORFS 10	45°	ORFS 10 Bulkhead
7707-12-12	ORFS 12	45°	ORFS 12 Bulkhead
7707-16-16	ORFS 16	45°	ORFS 16 Bulkhead
7707-20-20	ORFS 20	45°	ORFS 20 Bulkhead
7707-24-24	ORFS 24	45°	ORFS 24 Bulkhead

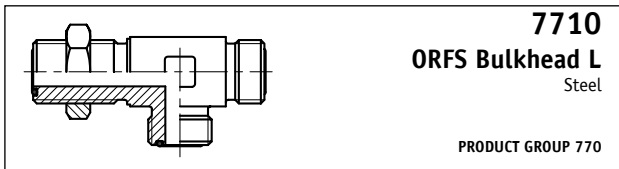




7709
ORFS Bulkhead T
Steel

PRODUCT GROUP 770

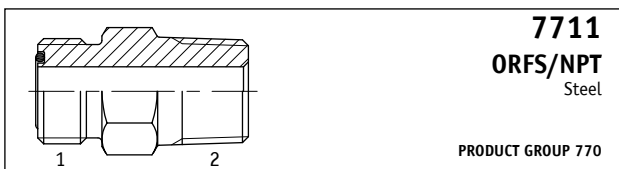
Part number	Thread 1	Thread 2	Thread 3	Type
7709-06-06	ORFS 06	ORFS 06	ORFS 06	T Bulkhead
7709-08-08	ORFS 08	ORFS 08	ORFS 08	T Bulkhead
7709-10-10	ORFS 10	ORFS 10	ORFS 10	T Bulkhead
7709-12-12	ORFS 12	ORFS 12	ORFS 12	T Bulkhead



7710
ORFS Bulkhead L
Steel

PRODUCT GROUP 770

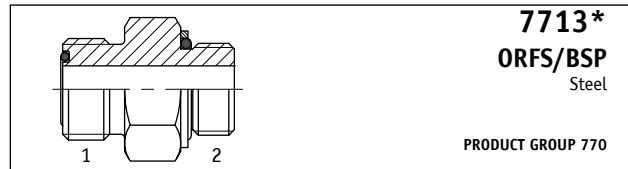
Part number	Thread 1	Thread 2	Thread 3	Type
7710-04-04	ORFS 04	ORFS 04	ORFS 04	L Bulkhead
7710-06-06	ORFS 06	ORFS 06	ORFS 06	L Bulkhead
7710-08-08	ORFS 08	ORFS 08	ORFS 08	L Bulkhead
7710-10-10	ORFS 10	ORFS 10	ORFS 10	L Bulkhead
7710-12-12	ORFS 12	ORFS 12	ORFS 12	L Bulkhead
7710-16-16	ORFS 16	ORFS 16	ORFS 16	L Bulkhead



7711
ORFS/NPT
Steel

PRODUCT GROUP 770

Part number	Thread 1	Thread 2
7711-04-02	ORFS 04	1/8"-27 NPT
7711-04-04	ORFS 04	1/4"-18 NPT
7711-04-06	ORFS 04	3/8"-18 NPT
7711-04-08	ORFS 04	1/2"-14 NPT
7711-06-02	ORFS 06	1/8"-27 NPT
7711-06-04	ORFS 06	1/4"-18 NPT
7711-06-06	ORFS 06	3/8"-18 NPT
7711-06-08	ORFS 06	1/2"-14 NPT
7711-08-04	ORFS 08	1/4"-18 NPT
7711-08-06	ORFS 08	3/8"-18 NPT
7711-08-08	ORFS 08	1/2"-14 NPT
7711-08-12	ORFS 08	3/4"-14 NPT
7711-10-08	ORFS 10	1/2"-14 NPT
7711-10-12	ORFS 10	3/4"-14 NPT
7711-12-08	ORFS 12	1/2"-14 NPT
7711-12-12	ORFS 12	3/4"-14 NPT
7711-12-16	ORFS 12	1"-11½ NPT
7711-16-12	ORFS 16	3/4"-14 NPT
7711-16-16	ORFS 16	1"-11½ NPT
7711-16-20	ORFS 16	1 1/4"-11½ NPT
7711-20-16	ORFS 20	1"-11½ NPT
7711-20-20	ORFS 20	1 1/4"-11½ NPT
7711-20-32	ORFS 20	2"-11½ NPT
7711-24-24	ORFS 24	1 1/2"- 11½ NPT



7713*
ORFS/BSP
Steel

PRODUCT GROUP 770

Part number	Thread 1	Thread 2
7713-04-02	ORFS 04	G 1/8"
7713-04-04	ORFS 04	G 1/4"
7713-04-06	ORFS 04	G 3/8"
7713-04-08	ORFS 04	G 1/2"
7713-06-04	ORFS 06	G 1/4"
7713-06-06	ORFS 06	G 3/8"
7713-06-08	ORFS 06	G 1/2"
7713-06-12	ORFS 06	G 3/4"
7713-08-04	ORFS 08	G 1/4"
7713-08-06	ORFS 08	G 3/8"
7713-08-08	ORFS 08	G 1/2"
7713-08-12	ORFS 08	G 3/4"
7713-08-16	ORFS 08	G 1"
7713-10-06	ORFS 10	G 3/8"
7713-10-08	ORFS 10	G 1/2"
7713-10-10	ORFS 10	G 5/8"
7713-10-12	ORFS 10	G 3/4"
7713-12-08	ORFS 12	G 1/2"
7713-12-12	ORFS 12	G 3/4"
7713-12-16	ORFS 12	G 1"
7713-12-20	ORFS 12	G 1 1/4"
7713-16-12	ORFS 16	G 3/4"
7713-16-16	ORFS 16	G 1"
7713-16-20	ORFS 16	G 1 1/4"
7713-20-16	ORFS 20	G 1"
7713-20-20	ORFS 20	G 1 1/4"
7713-20-24	ORFS 20	G 1 1/2"
7713-24-20	ORFS 24	G 1 1/4"
7713-24-24	ORFS 24	G 1 1/2"

*Available in a improved version with ED sealing, see 7716



7714
ORFS/UNF
Steel

PRODUCT GROUP 770

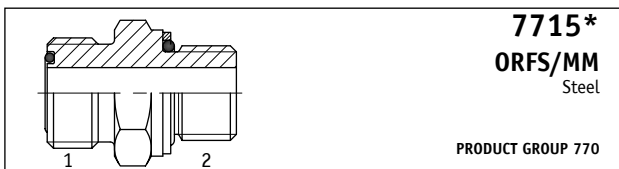


7716
ORFS/BSP – ED
Steel

PRODUKTGRUPP 770

Part number	Thread 1	Thread 2
7714-04-07	ORFS 04	SAE O 7/16"
7714-04-08	ORFS 04	SAE O 1/2"
7714-04-09	ORFS 04	SAE O 9/16"
7714-04-12	ORFS 04	SAE O 3/4"
7714-06-07	ORFS 06	SAE O 7/16"
7714-06-08	ORFS 06	SAE O 1/2"
7714-06-09	ORFS 06	SAE O 9/16"
7714-06-12	ORFS 06	SAE O 3/4"
7714-06-14	ORFS 06	SAE O 7/8"
7714-06-17	ORFS 06	SAE O 1 1/16"
7714-06-21	ORFS 06	SAE O 1 5/16"
7714-08-09	ORFS 08	SAE O 9/16"
7714-08-12	ORFS 08	SAE O 3/4"
7714-08-14	ORFS 08	SAE O 7/8"
7714-08-17	ORFS 08	SAE O 1 1/16"
7714-08-21	ORFS 08	SAE O 1 5/16"
7714-10-12	ORFS 10	SAE O 3/4"
7714-10-14	ORFS 10	SAE O 7/8"
7714-10-17	ORFS 10	SAE O 1 1/16"
7714-10-21	ORFS 10	SAE O 1 5/16"
7714-12-09	ORFS 12	SAE O 9/16"
7714-12-12	ORFS 12	SAE O 3/4"
7714-12-14	ORFS 12	SAE O 7/8"
7714-12-17	ORFS 12	SAE O 1 1/16"
7714-12-21	ORFS 12	SAE O 1 5/16"
7714-16-12	ORFS 16	SAE O 3/4"
7714-16-14	ORFS 16	SAE O 7/8"
7714-16-17	ORFS 16	SAE O 1 1/16"
7714-16-21	ORFS 16	SAE O 1 5/16"
7714-16-26	ORFS 16	SAE O 1 5/8"
7714-20-21	ORFS 20	SAE O 1 5/16"
7714-20-26	ORFS 20	SAE O 1 5/8"
7714-20-30	ORFS 20	SAE O 1 7/8"
7714-24-30	ORFS 24	SAE O 1 7/8"

Part number	Thread 1	Thread 2
7716-04-04	ORFS 04	G 1/4"
7716-04-06	ORFS 04	G 3/8"
7716-04-08	ORFS 04	G 1/2"
7716-06-06	ORFS 06	G 3/8"
7716-06-08	ORFS 06	G 1/2"
7716-06-12	ORFS 06	G 3/4"
7716-08-04	ORFS 08	G 1/4"
7716-08-06	ORFS 08	G 3/8"
7716-08-08	ORFS 08	G 1/2"
7716-08-12	ORFS 08	G 3/4"
7716-10-08	ORFS 10	G 1/2"
7716-10-12	ORFS 10	G 3/4"
7716-10-16	ORFS 10	G 1"
7716-12-08	ORFS 12	G 1/2"
7716-12-12	ORFS 12	G 3/4"
7716-12-16	ORFS 12	G 1"
7716-12-20	ORFS 12	G 1 1/4"
7716-16-12	ORFS 16	G 3/4"
7716-16-16	ORFS 16	G 1"
7716-16-20	ORFS 16	G 1 1/4"
7716-20-16	ORFS 20	G 1"
7716-20-20	ORFS 20	G 1 1/4"
7716-20-24	ORFS 20	G 1 1/2"
7716-24-24	ORFS 24	G 1 1/2"



7715*
ORFS/MM
Steel

PRODUCT GROUP 770



7717
ORFS/JIC
Steel

PRODUCT GROUP 770

Part number	Thread 1	Thread 2
7715-04-10	ORFS 04	M 10 x 1,0
7715-04-12	ORFS 04	M 12 x 1,5
7715-04-14	ORFS 04	M 14 x 1,5
7715-04-16	ORFS 04	M 16 x 1,5
7715-06-12	ORFS 06	M 12 x 1,5
7715-06-14	ORFS 06	M 14 x 1,5
7715-06-16	ORFS 06	M 16 x 1,5
7715-08-14	ORFS 08	M 14 x 1,5
7715-08-16	ORFS 08	M 16 x 1,5
7715-08-18	ORFS 08	M 18 x 1,5
7715-10-14	ORFS 10	M 14 x 1,5
7715-10-18	ORFS 10	M 18 x 1,5
7715-10-22	ORFS 10	M 22 x 1,5
7715-12-18	ORFS 12	M 18 x 1,5
7015-12-27	ORFS 12	M 27 x 2,0
7715-12-33	ORFS 12	M 33 x 2,0
7715-16-27	ORFS 16	M 27 x 2,0
7715-20-42	ORFS 20	M 42 x 2,0

Part number	Thread 1	Thread 2
7717-06-09	ORFS 06	JIC 9/16"-18
7717-08-12	ORFS 08	JIC 3/4"-16
7717-10-14	ORFS 10	JIC 7/8"-14
7717-12-17	ORFS 12	JIC 1 1/16"-12
7717-16-21	ORFS 16	JIC 1 5/16"-12

* Available in a improved version with ED sealing, see 7718





7718
ORFS/MM – ED
Steel

PRODUCT GROUP 770

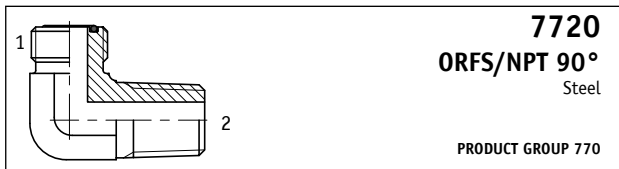
Part number	Thread 1	Thread 2
7718-04-10	ORFS 04	M 10 x 1,0
7718-04-12	ORFS 04	M 12 x 1,5
7718-04-14	ORFS 04	M 14 x 1,5
7718-04-16	ORFS 04	M 16 x 1,5
7718-06-12	ORFS 06	M 12 x 1,5
7718-06-14	ORFS 06	M 14 x 1,5
7718-06-16	ORFS 06	M 16 x 1,5
7718-08-14	ORFS 08	M 14 x 1,5
7718-08-16	ORFS 08	M 16 x 1,5
7718-08-18	ORFS 08	M 18 x 1,5
7718-10-14	ORFS 10	M 14 x 1,5
7718-10-18	ORFS 10	M 18 x 1,5
7718-10-22	ORFS 10	M 22 x 1,5
7718-12-18	ORFS 12	M 18 x 1,5
7718-12-27	ORFS 12	M 27 x 2,0
7718-12-33	ORFS 12	M 33 x 2,0
7718-16-27	ORFS 16	M 27 x 2,0
7718-20-42	ORFS 20	M 42 x 2,0



7722
ORFS/BSP 90°
Steel

PRODUCT GROUP 770

Part number	Thread 1	Type	Thread 2
7722-04-02	ORFS 04	90°	G 1/8"
7722-04-04	ORFS 04	90°	G 1/4"
7722-04-06	ORFS 04	90°	G 3/8"
7722-06-04	ORFS 06	90°	G 1/4"
7722-06-06	ORFS 06	90°	G 3/8"
7722-06-08	ORFS 06	90°	G 1/2"
7722-08-04	ORFS 08	90°	G 1/4"
7722-08-06	ORFS 08	90°	G 3/8"
7722-08-08	ORFS 08	90°	G 1/2"
7722-08-12	ORFS 08	90°	G 3/4"
7722-10-06	ORFS 10	90°	G 3/8"
7722-10-08	ORFS 10	90°	G 1/2"
7722-10-12	ORFS 10	90°	G 3/4"
7722-12-08	ORFS 12	90°	G 1/2"
7722-12-12	ORFS 12	90°	G 3/4"
7722-12-16	ORFS 12	90°	G 1"
7722-16-12	ORFS 16	90°	G 3/4"
7722-16-16	ORFS 16	90°	G 1"
7722-20-16	ORFS 20	90°	G 1"
7722-20-20	ORFS 20	90°	G 1 1/4"
7722-20-24	ORFS 20	90°	G 1 1/2"
7722-24-24	ORFS 24	90°	G 1 1/2"



7720
ORFS/NPT 90°
Steel

PRODUCT GROUP 770

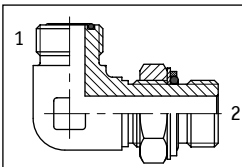
Part number	Thread 1	Thread 2
7720-04-02	ORFS 04	NPT 1/8" - 27 NPT
7720-04-04	ORFS 04	NPT 1/4" - 18 NPT
7720-06-02	ORFS 06	NPT 1/8" - 27 NPT
7720-06-04	ORFS 06	NPT 1/4" - 18 NPT
7720-06-06	ORFS 06	NPT 3/8" - 18 NPT
7720-06-08	ORFS 06	NPT 1/2" - 14 NPT
7720-08-06	ORFS 08	NPT 3/8" - 18 NPT
7720-08-08	ORFS 08	NPT 1/2" - 14 NPT
7720-08-12	ORFS 08	NPT 3/4" - 14 NPT
7720-10-08	ORFS 10	NPT 1/2" - 14 NPT
7720-10-12	ORFS 10	NPT 3/4" - 14 NPT
7720-12-08	ORFS 12	NPT 1/2" - 14 NPT
7720-12-12	ORFS 12	NPT 3/4" - 14 NPT
7720-12-16	ORFS 12	NPT 1" - 11½ NPT
7720-16-16	ORFS 16	NPT 1" - 11½ NPT
7720-20-20	ORFS 20	NPT 1 1/4" - 11½ NPT



7723
ORFS/SAE 90°
Steel

PRODUCT GROUP 770

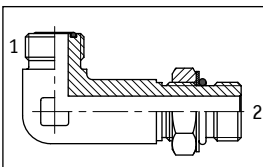
Part number	Thread 1	Type	Thread 2
7723-04-07	ORFS 04	90°	SAE O 7/16"
7723-04-09	ORFS 04	90°	SAE O 9/16"
7723-04-12	ORFS 04	90°	SAE O 3/4"
7723-06-07	ORFS 06	90°	SAE O 7/16"
7723-06-09	ORFS 06	90°	SAE O 9/16"
7723-06-12	ORFS 06	90°	SAE O 3/4"
7723-06-14	ORFS 06	90°	SAE O 7/8"
7723-06-17	ORFS 06	90°	SAE O 1 1/16"
7723-08-09	ORFS 08	90°	SAE O 9/16"
7723-08-12	ORFS 08	90°	SAE O 3/4"
7723-08-14	ORFS 08	90°	SAE O 7/8"
7723-08-17	ORFS 08	90°	SAE O 1 1/16"
7723-10-12	ORFS 10	90°	SAE O 3/4"
7723-10-14	ORFS 10	90°	SAE O 7/8"
7723-10-17	ORFS 10	90°	SAE O 1 1/16"
7723-12-12	ORFS 12	90°	SAE O 3/4"
7723-12-14	ORFS 12	90°	SAE O 7/8"
7723-12-17	ORFS 12	90°	SAE O 1 1/16"
7723-12-21	ORFS 12	90°	SAE O 1 5/16"
7723-16-17	ORFS 16	90°	SAE O 1 1/16"
7723-16-19	ORFS 16	90°	SAE O 1 3/16"
7723-16-21	ORFS 16	90°	SAE O 1 5/16"
7723-16-26	ORFS 16	90°	SAE O 1 5/8"
7723-20-21	ORFS 20	90°	SAE O 1 5/16"
7723-20-26	ORFS 20	90°	SAE O 1 5/8"
7723-24-30	ORFS 24	90°	SAE O 1 7/8"



7724
ORFS/MM 90°
Steel

PRODUCT GROUP 770

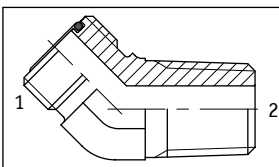
Part number	Thread 1	Type	Thread 2
7724-04-10	ORFS 04	90°	M 10 x 1,5
7724-04-12	ORFS 04	90°	M 12 x 1,5
7724-04-14	ORFS 04	90°	M 14 x 1,5
7724-06-12	ORFS 06	90°	M 12 x 1,5
7724-06-14	ORFS 06	90°	M 14 x 1,5
7724-06-16	ORFS 06	90°	M 16 x 1,5
7724-08-14	ORFS 08	90°	M 14 x 1,5
7724-08-16	ORFS 08	90°	M 16 x 1,5
7724-08-18	ORFS 08	90°	M 18 x 1,5
7724-10-18	ORFS 10	90°	M 18 x 1,5
7724-10-22	ORFS 10	90°	M 22 x 1,5
7724-10-27	ORFS 10	90°	M 27 x 2,0
7724-12-22	ORFS 12	90°	M 22 x 1,5
7724-12-27	ORFS 12	90°	M 27 x 2,0
7724-12-33	ORFS 12	90°	M 33 x 2,0
7724-16-33	ORFS 16	90°	M 33 x 2,0
7724-20-42	ORFS 20	90°	M 42 x 2,0



7725
ORFS/UNF 90° lång
Steel

PRODUCT GROUP 770

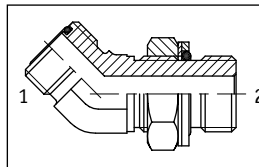
Part number	Thread 1	Type	Thread 2
7725-04-07	ORFS 04	90° SAE O	7/16" - 20
7725-06-09	ORFS 06	90° SAE O	9/16" - 18
7725-08-12	ORFS 08	90° SAE O	3/4" - 16
7724-10-14	ORFS 10	90° SAE O	7/8"-14
7725-12-17	ORFS 12	90° SAE O	1 1/16" - 12
7725-16-21	ORFS 16	90° SAE O	1 5/16" - 12
7725-20-26	ORFS 20	90° SAE O	1 5/8" - 12



7730
ORFS/NPT 45°
Steel

PRODUCT GROUP 770

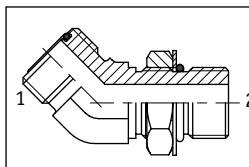
Part number	Thread 1	Type	Thread 2
7730-04-02	ORFS 04	45°	1/8" - 27 NPT
7730-04-04	ORFS 04	45°	1/4" - 18 NPT
7730-04-06	ORFS 04	45°	3/8" - 18 NPT
7730-06-04	ORFS 06	45°	1/4" - 18 NPT
7730-06-06	ORFS 06	45°	3/8" - 18 NPT
7730-06-08	ORFS 06	45°	1/2" - 14 NPT
7730-10-08	ORFS 10	45°	1/2" - 14 NPT
7730-12-12	ORFS 12	45°	3/4" - 14 NPT
7730-16-16	ORFS 16	45°	1" - 11½ NPT
7730-24-24	ORFS 24	45°	1 1/2" - 11½ NPT



7732
ORFS/BSP 45°
Steel

PRODUCT GROUP 770

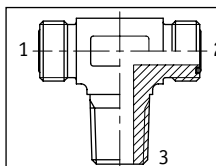
Part number	Thread 1	Type	Thread 2
7732-04-02	ORFS 04	45°	G 1/8"
7732-04-04	ORFS 04	45°	G 1/4"
7732-06-04	ORFS 06	45°	G 1/4"
7732-06-06	ORFS 06	45°	G 3/8"
7732-06-08	ORFS 06	45°	G 1/2"
7732-08-06	ORFS 08	45°	G 3/8"
7732-08-08	ORFS 08	45°	G 1/2"
7732-08-12	ORFS 08	45°	G 3/4"
7732-10-08	ORFS 10	45°	G 1/2"
7732-12-08	ORFS 12	45°	G 1/2"
7732-12-12	ORFS 12	45°	G 3/4"
7732-12-16	ORFS 12	45°	G 1"
7732-16-16	ORFS 16	45°	G 1"
7732-16-20	ORFS 16	45°	G 1 1/4"
7732-20-20	ORFS 20	45°	G 1 1/4"
7732-24-24	ORFS 24	45°	G 1 1/2"



7733
ORFS/UNF 45°
Steel

PRODUCT GROUP 770

Part number	Thread 1	Type	Thread 2
7733-04-07	ORFS 04	45°	SAE O 7/16"
7733-04-09	ORFS 04	45°	SAE O 9/16"
7733-04-12	ORFS 04	45°	SAE O 3/4"
7733-06-07	ORFS 06	45°	SAE O 7/16"
7733-06-09	ORFS 06	45°	SAE O 9/16"
7733-06-12	ORFS 06	45°	SAE O 3/4"
7733-08-08	ORFS 08	45°	SAE O 1/2"
7733-08-09	ORFS 08	45°	SAE O 9/16"
7733-08-12	ORFS 08	45°	SAE O 3/4"
7733-08-14	ORFS 08	45°	SAE O 7/8"
7733-10-12	ORFS 10	45°	SAE O 3/4"
7733-10-14	ORFS 10	45°	SAE O 7/8"
7733-10-17	ORFS 10	45°	SAE O 1 1/16"
7733-12-14	ORFS 12	45°	SAE O 7/8"
7733-12-17	ORFS 12	45°	SAE O 1 1/16"
7733-16-21	ORFS 16	45°	SAE O 1 5/16"
7733-16-17	ORFS 16	45°	SAE O 1 1/16"
7733-16-26	ORFS 16	45°	SAE O 1 5/8"
7733-20-21	ORFS 20	45°	SAE O 1 5/16"
7733-20-26	ORFS 20	45°	SAE O 1 5/8"

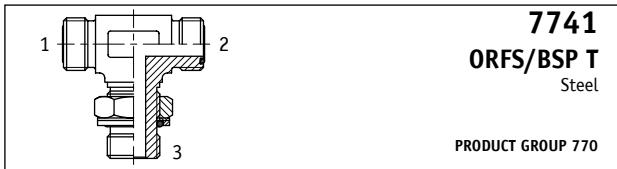


7740
ORFS/NPT T
Steel

PRODUCT GROUP 770

Part number	Thread 1	Thread 2	Thread 3
7740-04-02	ORFS 04	ORFS 04	1/8" - 27 NPT
7740-04-04	ORFS 04	ORFS 04	1/4" - 18 NPT
7740-06-04	ORFS 06	ORFS 06	1/4" - 18 NPT
7740-06-06	ORFS 06	ORFS 06	3/8" - 18 NPT
7740-08-06	ORFS 08	ORFS 08	3/8" - 18 NPT
7740-12-12	ORFS 12	ORFS 12	3/4" - 14 NPT
7740-16-16	ORFS 16	ORFS 16	1" - 11 1/2 NPT

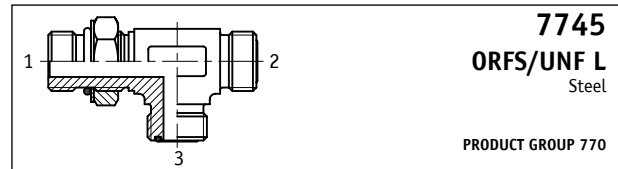




7741
ORFS/BSP T
Steel

PRODUCT GROUP 770

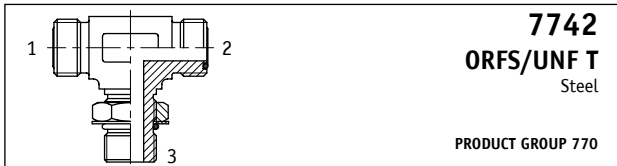
Part number	Thread 1	Thread 2	Thread 3
7741-04-04	ORFS 04	ORFS 04	G 1/4"
7741-06-04	ORFS 06	ORFS 06	G 1/4"
7741-06-06	ORFS 06	ORFS 06	G 3/8"
7741-08-08	ORFS 08	ORFS 08	G 1/2"
7741-10-12	ORFS 10	ORFS 10	G 3/4"
7741-12-12	ORFS 12	ORFS 12	G 3/4"
7741-16-16	ORFS 16	ORFS 16	G 1"



7745
ORFS/UNF L
Steel

PRODUCT GROUP 770

Part number	Thread 1	Thread 2	Thread 3
7745-04-07	SAE O 7/16"	ORFS 04	ORFS 04
7745-04-09	SAE O 9/16"	ORFS 04	ORFS 04
7745-06-07	SAE O 7/16"	ORFS 06	ORFS 06
7745-06-09	SAE O 9/16"	ORFS 06	ORFS 06
7745-06-12	SAE O 3/4"	ORFS 06	ORFS 06
7745-08-09	SAE O 9/16"	ORFS 08	ORFS 08
7745-08-12	SAE O 3/4"	ORFS 08	ORFS 08
7745-08-17	SAE O 1 1/16"	ORFS 08	ORFS 08
7745-10-14	SAE O 7/8"	ORFS 10	ORFS 10
7745-10-17	SAE O 1 1/16"	ORFS 10	ORFS 10
7745-12-12	SAE O 3/4"	ORFS 12	ORFS 12
7745-12-17	SAE O 1 1/16"	ORFS 12	ORFS 12
7745-16-21	SAE O 1 5/16 M	ORFS 16	ORFS 16



7742
ORFS/UNF T
Steel

PRODUCT GROUP 770

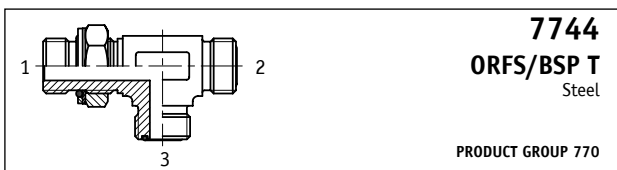
Part number	Thread 1	Thread 2	Thread 3
7742-04-07	ORFS 04	ORFS 04	SAE O 7/16"
7742-06-09	ORFS 06	ORFS 06	SAE O 9/16"
7742-06-12	ORFS 06	ORFS 06	SAE O 3/4"
7742-08-12	ORFS 08	ORFS 08	SAE O 3/4"
7742-10-14	ORFS 10	ORFS 10	SAE O 7/8"
7742-12-14	ORFS 12	ORFS 12	SAE O 7/8"
7742-12-17	ORFS 12	ORFS 12	SAE O 1 1/16"
7742-12-21	ORFS 12	ORFS 12	SAE O 1 5/16"
7742-16-21	ORFS 16	ORFS 16	SAE O 1 5/16"



7758
ORFS/ORFS
Steel

PRODUCT GROUP 770

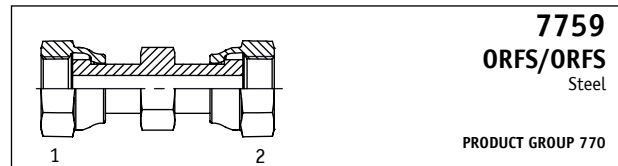
Part number	Thread 1	Thread 2
7758-04-04	ORFS 04	ORFS 04
7758-06-06	ORFS 06	ORFS 06
7758-08-08	ORFS 08	ORFS 08
7758-12-16	ORFS 12	ORFS 16



7744
ORFS/BSP T
Steel

PRODUCT GROUP 770

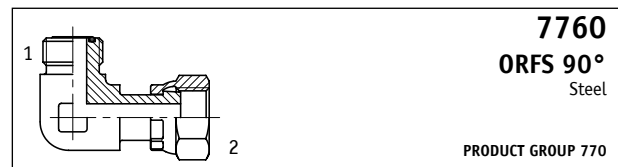
Part number	Thread 1	Thread 2	Thread 3
7744-04-04	G 1/4"	ORFS 04	ORFS 04
7744-06-06	G 3/8"	ORFS 06	ORFS 06
7744-08-06	G 3/8"	ORFS 06	ORFS 08
7744-08-08	G 1/2"	ORFS 08	ORFS 08
7744-10-08	G 1/2"	ORFS 10	ORFS 10
7744-12-12	G 3/4"	ORFS 12	ORFS 12
7744-16-16	G 1"	ORFS 16	ORFS 16



7759
ORFS/ORFS
Steel

PRODUCT GROUP 770

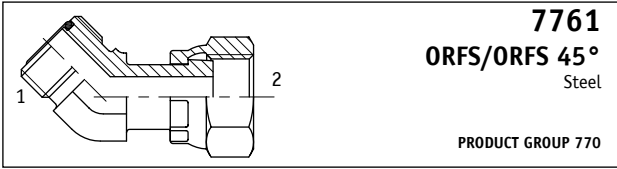
Part number	Thread 1	Thread 2
7759-04-04	ORFS 04	ORFS 04
7759-06-06	ORFS 06	ORFS 06
7759-08-08	ORFS 08	ORFS 08
7759-10-10	ORFS 10	ORFS 10



7760
ORFS 90°
Steel

PRODUCT GROUP 770

Part number	Thread 1	Type	Thread 2
7760-04-04	ORFS 04	90°	ORFS 04
7760-06-06	ORFS 06	90°	ORFS 06
7760-08-08	ORFS 08	90°	ORFS 08
7760-10-10	ORFS 10	90°	ORFS 10
7760-12-12	ORFS 12	90°	ORFS 12
7760-16-16	ORFS 16	90°	ORFS 16
7760-20-20	ORFS 20	90°	ORFS 20
7760-24-24	ORFS 24	90°	ORFS 24



7761
ORFS/ORFS 45°
Steel

PRODUCT GROUP 770

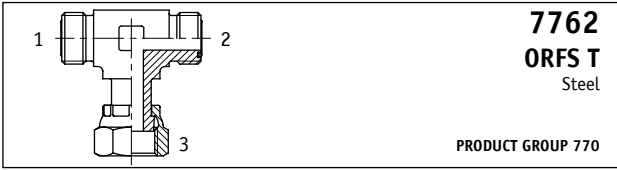
Part number	Thread 1	Type	Thread 2
7761-04-04	ORFS 04	45°	ORFS 04
7761-06-06	ORFS 06	45°	ORFS 06
7761-08-08	ORFS 08	45°	ORFS 08
7761-10-10	ORFS 10	45°	ORFS 10
7761-12-12	ORFS 12	45°	ORFS 12
7761-16-16	ORFS 16	45°	ORFS 16
7761-20-20	ORFS 20	45°	ORFS 20
7761-24-24	ORFS 24	45°	ORFS 24



7765
ORFS/BSP - ED
Steel

PRODUCT GROUP 770

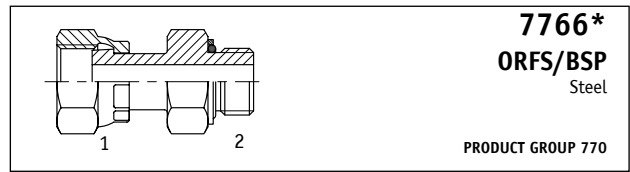
Part number	Thread 1	Thread 2
7765-04-04	ORFS 04	G 1/4"
7765-04-06	ORFS 04	G 3/8"
7765-06-04	ORFS 06	G 1/4"
7765-06-06	ORFS 06	G 3/8"
7765-08-06	ORFS 08	G 3/8"
7765-08-08	ORFS 08	G 1/2"
7765-10-08	ORFS 10	G 1/2"
7765-12-08	ORFS 12	G 1/2"
7765-12-12	ORFS 12	G 3/4"
7765-16-16	ORFS 16	G 1"
7765-20-20	ORFS 20	G 1 1/4"
7765-24-24	ORFS 24	G 1 1/2"



7762
ORFS T
Steel

PRODUCT GROUP 770

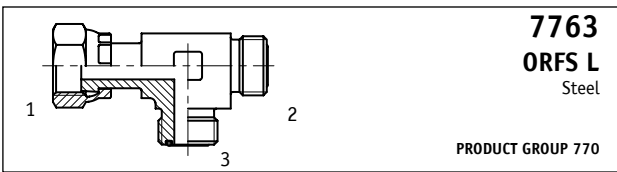
Part number	Thread 1	Thread 2	Thread 3
7762-04-04	ORFS 04	ORFS 04	ORFS 04
7762-06-06	ORFS 06	ORFS 06	ORFS 06
7762-08-08	ORFS 08	ORFS 08	ORFS 08
7762-10-10	ORFS 10	ORFS 10	ORFS 10
7762-12-12	ORFS 12	ORFS 12	ORFS 12
7762-16-16	ORFS 16	ORFS 16	ORFS 16
7762-20-20	ORFS 20	ORFS 20	ORFS 20
7762-24-24	ORFS 24	ORFS 24	ORFS 24



7766*
ORFS/BSP
Steel

PRODUCT GROUP 770

Part number	Thread 1	Thread 2
7766-04-04	ORFS 04	G 1/4"
7766-04-06	ORFS 04	G 3/8"
7766-06-04	ORFS 06	G 1/4"
7766-06-06	ORFS 06	G 3/8"
7766-08-06	ORFS 08	G 3/8"
7766-08-08	ORFS 08	G 1/2"
7766-10-08	ORFS 10	G 1/2"
7766-12-08	ORFS 12	G 1/2"
7766-12-12	ORFS 12	G 3/4"
7766-16-16	ORFS 16	G 1"
7766-20-20	ORFS 20	G 1 1/4"
7766-24-24	ORFS 24	G 1 1/2"

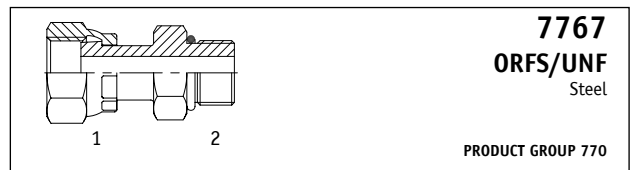


7763
ORFS L
Steel

PRODUCT GROUP 770

Part number	Thread 1	Thread 2	Thread 3
7763-04-04	ORFS 04	ORFS 04	ORFS 04
7763-06-06	ORFS 06	ORFS 06	ORFS 06
7763-08-08	ORFS 08	ORFS 08	ORFS 08
7763-10-06	ORFS 10	ORFS 10	ORFS 06
7763-10-10	ORFS 10	ORFS 10	ORFS 10
7763-12-12	ORFS 12	ORFS 12	ORFS 12
7763-16-16	ORFS 16	ORFS 16	ORFS 16
7763-20-20	ORFS 20	ORFS 20	ORFS 20
7763-24-24	ORFS 24	ORFS 24	ORFS 24

*Available in a improved version with ED sealing, see 7765

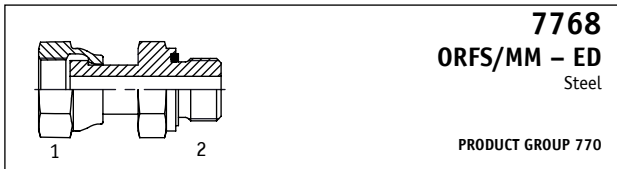


7767
ORFS/UNF
Steel

PRODUCT GROUP 770

Part number	Thread 1	Thread 2
7767-04-09	ORFS 04	SAE O 9/16"
7767-06-09	ORFS 06	SAE O 9/16"
7767-08-09	ORFS 08	SAE O 9/16"
7767-08-12	ORFS 08	SAE O 3/4"
7767-12-17	ORFS 12	SAE O 1 1/16"

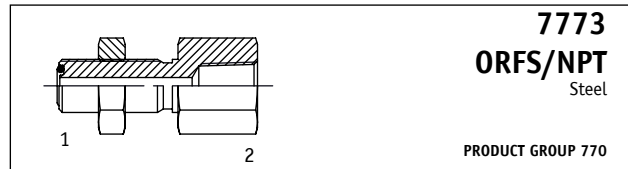




7768
ORFS/MM – ED
Steel

PRODUCT GROUP 770

Part number	Thread 1	Thread 2
7768-04-12	ORFS 04	M12 x 1,5
7768-06-12	ORFS 06	M12 x 1,5
7768-06-16	ORFS 06	M16 x 1,5
7768-08-18	ORFS 08	M18 x 1,5
7768-10-22	ORFS 10	M22 x 1,5
7768-12-27	ORFS 12	M27 x 2
7768-16-33	ORFS 16	M33 x 2
7768-20-42	ORFS 20	M42 x 2
7768-24-48	ORFS 24	M48 x 2



7773
ORFS/NPT
Steel

PRODUCT GROUP 770

Part number	Thread 1	Thread 2
7773-08-06	ORFS 08	3/8"-18 NPT
7773-10-08	ORFS 10	1/2"-14 NPT
7773-12-12	ORFS 12	3/4"-14 NPT



7770
ORFS Reduction
Steel

PRODUCT GROUP 770

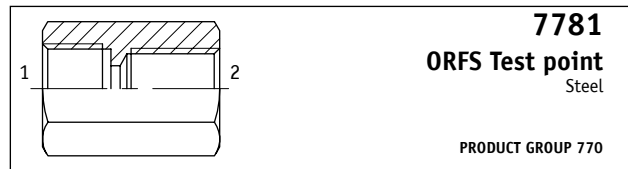
Part number	Thread 1	Type	Thread 2
7770-04-06	ORFS 04	Reduction	ORFS 06
7770-06-04	ORFS 06	Reduction	ORFS 04
7770-08-04	ORFS 08	Reduction	ORFS 04
7770-08-06	ORFS 08	Reduction	ORFS 06
7770-10-04	ORFS 10	Reduction	ORFS 04
7770-10-06	ORFS 10	Reduction	ORFS 06
7770-10-08	ORFS 10	Reduction	ORFS 08
7770-12-04	ORFS 12	Reduction	ORFS 04
7770-12-06	ORFS 12	Reduction	ORFS 06
7770-12-08	ORFS 12	Reduction	ORFS 08
7770-12-10	ORFS 12	Reduction	ORFS 10
7770-12-16	ORFS 12	Reduction	ORFS 16
7770-16-04	ORFS 16	Reduction	ORFS 04
7770-16-06	ORFS 16	Reduction	ORFS 06
7770-16-08	ORFS 16	Reduction	ORFS 08
7770-16-10	ORFS 16	Reduction	ORFS 10
7770-16-12	ORFS 16	Reduction	ORFS 12
7770-20-12	ORFS 20	Reduction	ORFS 12
7770-20-16	ORFS 20	Reduction	ORFS 16
7770-24-20	ORFS 24	Reduction	ORFS 20



7780
ORFS/BSP
Steel

PRODUCT GROUP 770

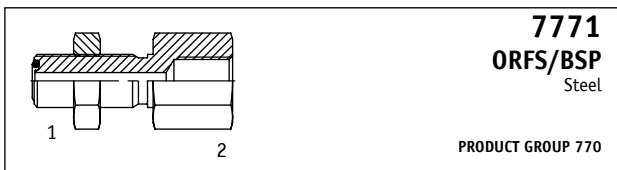
Part number	Thread 1	Thread 2
7780-04-04	ORFS 04	G 1/4"



7781
ORFS Test point
Steel

PRODUCT GROUP 770

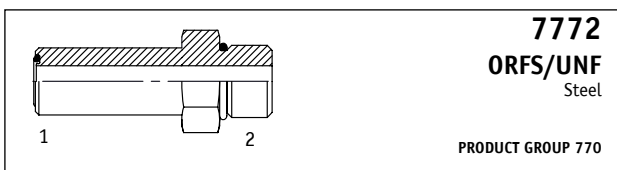
Part number	Thread 1	Type	Thread 2
7781-04-04	ORFS 04	Test point	G 1/4"
7781-06-04	ORFS 06	Test point	G 1/4"
7781-08-04	ORFS 08	Test point	G 1/4"
7781-08-06	ORFS 08	Test point	G 3/8"
7781-12-04	ORFS 12	Test point	G 1/4"
7781-16-04	ORFS 16	Test point	G 1/4"
7781-20-04	ORFS 20	Test point	G 1/4"



7771
ORFS/BSP
Steel

PRODUCT GROUP 770

Part number	Thread 1	Thread 2
7771-04-04	ORFS 04	G 1/4"
7771-16-16	ORFS 16	G 1"



7772
ORFS/UNF
Steel

PRODUCT GROUP 770

Part number	Thread 1	Thread 2
7772-08-14	ORFS 08	SAE O 7/8"

Part number	Type	Thread
7790-00-04	Cap	ORFS 04
7790-00-06	Cap	ORFS 06
7790-00-08	Cap	ORFS 08
7790-00-10	Cap	ORFS 10
7790-00-12	Cap	ORFS 12
7790-00-16	Cap	ORFS 16
7790-00-20	Cap	ORFS 20
7790-00-24	Cap	ORFS 24



7791
ORFS plug
Steel

PRODUCT GROUP 770

Part number	Type	Thread
7791-00-04	Plug	ORFS 04
7791-00-06	Plug	ORFS 06
7791-00-08	Plug	ORFS 08
7791-00-10	Plug	ORFS 10
7791-00-12	Plug	ORFS 12
7791-00-16	Plug	ORFS 16
7791-00-20	Plug	ORFS 20
7791-00-24	Plug	ORFS 24



5610-07
ORFS O-ring

PRODUCT GROUP 510

Part number	Size	Dimension
5610-07-04	ORFS 04	7,65 x 1,78
5610-07-06	ORFS 06	9,25 x 1,78
5610-07-08	ORFS 08	12,42 x 1,78
5610-07-10	ORFS 10	15,60 x 1,78
5610-07-12	ORFS 12	18,77 x 1,78
5610-07-16	ORFS 16	23,52 x 1,78
5610-07-20	ORFS 20	29,87 x 1,78
5610-07-24	ORFS 24	37,82 x 1,78



7792
ORFS nut
Steel

PRODUCT GROUP 770

Part number	Thread 1	Pipe dim.
7792-00-04	ORFS 04	6 mm
7792-00-06	ORFS 06	8 10 mm
7792-00-08	ORFS 08	12 mm
7792-00-10	ORFS 10	14 15 16 mm
7792-00-12	ORFS 12	18 20 mm
7792-00-16	ORFS 16	22 25 mm
7792-00-20	ORFS 20	28 30 32 mm
7792-00-24	ORFS 24	35 38 mm



7794
Braze sleeve

PRODUCT GROUP 770

Part number	Type	Dimension
7794-00-10	Braze sleeve	10 mm
7794-00-12	Braze sleeve	12 mm
7794-00-16	Braze sleeve	16 mm
7794-00-20	Braze sleeve	20 mm
7794-00-25	Braze sleeve	25 mm
7794-00-30	Braze sleeve	30 mm
7794-00-32	Braze sleeve	32 mm



7793
Clamping sleeve

PRODUCT GROUP 770

Part number	Type	Pipe dim.
7793-00-06	Clamping sleeve	6 mm
7793-00-08	Clamping sleeve	8 mm
7793-00-10	Clamping sleeve	10 mm
7793-00-12	Clamping sleeve	12 mm
7793-00-14	Clamping sleeve	14 mm
7793-00-15	Clamping sleeve	15 mm
7793-00-16	Clamping sleeve	16 mm
7793-00-18	Clamping sleeve	18 mm
7793-00-20	Clamping sleeve	20 mm
7793-00-22	Clamping sleeve	22 mm
7793-00-25	Clamping sleeve	25 mm
7793-00-28	Clamping sleeve	28 mm
7793-00-30	Clamping sleeve	30 mm
7793-00-32	Clamping sleeve	32 mm
7793-00-35	Clamping sleeve	35 mm
7793-00-38	Clamping sleeve	38 mm



**BALL VALVES
FILTERS
TEST POINTS**

8



8

HYDROSCAND BALL VALVES, FILTERS TEST POINTS

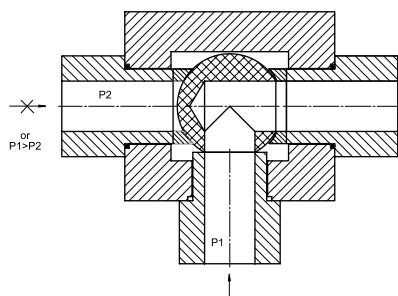
PRODUCT GROUP 800

BALL VALVES

The ball valves are mainly used as shut-down valves and distribution valves. Valves are a simple and safe solution for cut-off. The advantages of the ball valves are low flow resistance, high density and easy maintenance. Hydroscand can offer customer adapted ball valves in all functions and materials.

Ball seal made of POM (thermoplastic), stem and adapter sealing made of NBR. Other materials on request.

NOTE! The Types 8011, 8041 and 8042 can only be pressurized on inlet P1, otherwise there will be inner leakage.



LEVEL MEASUREMENTS

Level instruments, with or without thermometer, are delivered complete with drilled screws, oil resistant seal, and frame.

The standard area of measure is 0 – 100°C.

FILTERS

Spin-on filters for suction and return lines – 10 micron. Suction strainers – 125 micron. Return oil filters for tank assembling. Complete filler gap with air filters and screws. Air filters – 3 micron.

TEST POINTS

Test points with connection M 16 x 2 are available with the most common connection threads towards the port. Manometer connections and joints are included in Hydroscand's product selection.

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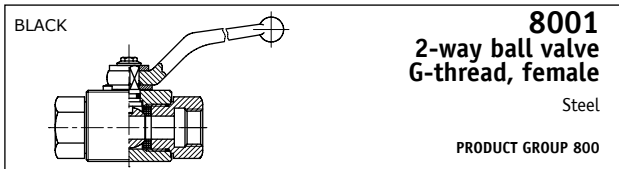


TEST POINTS & ACCESSORIES

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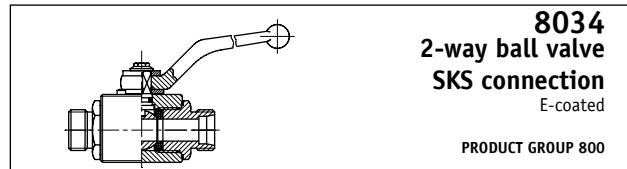
8001
2-way ball valve
G-thread, female

Steel

PRODUCT GROUP 800

Part number	Connection	DN	Work pr.
8001-02-02	G 1/8" F	4	50,0 MPa
8001-04-04	G 1/4" F	6	50,0 MPa
8001-06-06	G 3/8" F	10	50,0 MPa
8001-08-08	G 1/2" F	12	50,0 MPa
8001-12-12	G 3/4" F	20	40,0 MPa
8001-16-16	G 1" F	25	40,0 MPa
8001-20-20	G 1 1/4" F @	32	40,0 MPa
8001-24-24	G 1 1/2" F @	40	40,0 MPa
8001-32-32	G 2" F @	50	31,5 MPa

@ = Cast housing



8034
2-way ball valve
SKS connection

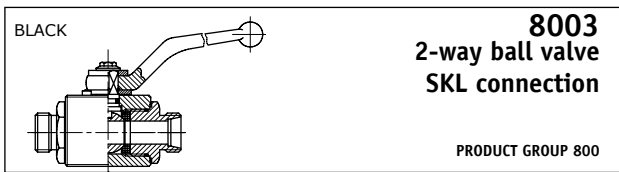
E-coated

PRODUCT GROUP 800

Part number	Connection	Thread	DN	Work pr.
8034-08-16	SKS 8	M16x1,5	4	50,0 MPa
8034-10-18	SKS 10	M18x1,5	6	50,0 MPa
8034-12-20	SKS 12	M20x1,5	8	50,0 MPa
8034-16-24	SKS 16	M24x1,5	12	50,0 MPa
8034-20-30	SKS 20	M30x2,0	16	40,0 MPa
8034-25-36	SKS 25	M36x2,0	20	40,0 MPa
8034-30-42	SKS 30	M42x2,0	25	40,0 MPa
8034-38-52	SKS 38 @	M52x2,0	32	40,0 MPa

@ = Cast housing

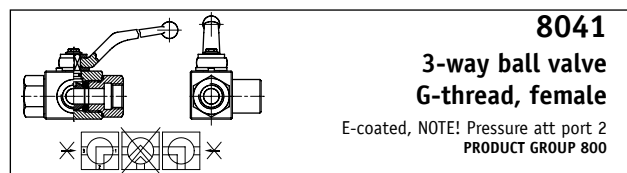
NOTE! The pressure is only related to the valves. Compare with the pressure class for the connection.



8003
2-way ball valve
SKL connection

PRODUCT GROUP 800

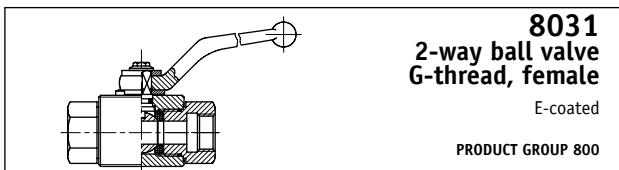
Part number	Connection	Thread	DN	Work pr.
8003-10-16	SKL 10	M16x1,5	8	50,0 MPa
8003-12-18	SKL 12	M18x1,5	10	50,0 MPa
8003-15-22	SKL 15	M22x1,5	12	50,0 MPa
8003-18-26	SKL 18	M26x1,5	16	40,0 MPa



8041
3-way ball valve
G-thread, female

E-coated, NOTE! Pressure att port 2
PRODUCT GROUP 800

Part number	Connection	DN	Drill	Work pr.
8041-02-02	G 1/8" F	4	L-drilled	50,0 MPa
8041-04-04	G 1/4" F	6	L-drilled	50,0 MPa
8041-06-06	G 3/8" F	10	L-drilled	50,0 MPa
8041-08-08	G 1/2" F	12	L-drilled	50,0 MPa
8041-12-12	G 3/4" F	20	L-drilled	40,0 MPa
8041-16-16	G 1" F	25	L-drilled	40,0 MPa
8041-20-20	G 1 1/4" F	25	L-drilled	40,0 MPa
8041-24-24	G 1 1/2" F	25	L-drilled	40,0 MPa



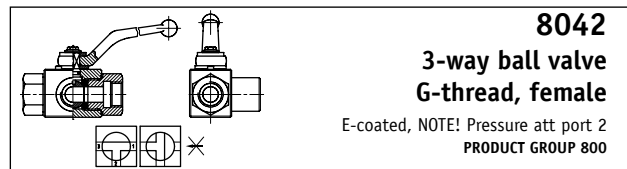
8031
2-way ball valve
G-thread, female

E-coated

PRODUCT GROUP 800

Part number	Connection	DN	Work pr.
8031-04-04	G 1/4" F	6	50,0 MPa
8031-06-06	G 3/8" F	10	50,0 MPa
8031-08-08	G 1/2" F	12	50,0 MPa
8031-12-12	G 3/4" F	20	40,0 MPa
8031-16-16	G 1" F	25	40,0 MPa
8031-20-20	G 1 1/4" F @	32	40,0 MPa
8031-24-24	G 1 1/2" F @	40	40,0 MPa
8031-32-32	G 2" F @	50	40,0 MPa

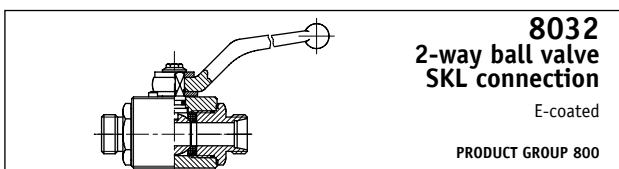
@ = Cast housing



8042
3-way ball valve
G-thread, female

E-coated, NOTE! Pressure att port 2
PRODUCT GROUP 800

Part number	Connection	DN	Drill	Work pr.
8042-04-04	G 1/4" F	6	T-drilled	50,0 MPa
8042-06-06	G 3/8" F	10	T-drilled	50,0 MPa
8042-08-08	G 1/2" F	12	T-drilled	50,0 MPa
8042-12-12	G 3/4" F	20	T-drilled	40,0 MPa
8042-16-16	G 1" F	25	T-drilled	40,0 MPa



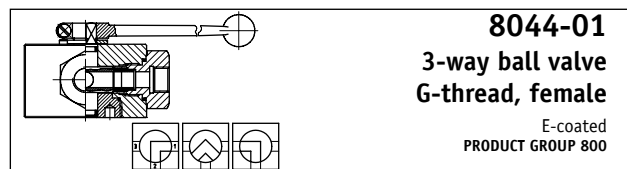
8032
2-way ball valve
SKL connection

E-coated

PRODUCT GROUP 800

Part number	Connection	Thread	DN	Work pr.
8032-06-12	SKL 6	M12x1,5	4	50,0 MPa
8032-08-14	SKL 8	M14x1,5	6	50,0 MPa
8032-10-16	SKL 10	M16x1,5	8	50,0 MPa
8032-12-18	SKL 12	M18x1,5	10	50,0 MPa
8032-15-22	SKL 15	M22x1,5	12	50,0 MPa
8032-18-26	SKL 18	M26x1,5	16	40,0 MPa
8032-22-30	SKL 22	M30x2,0	20	40,0 MPa
8032-28-36	SKL 28	M36x2,0	25	40,0 MPa
8032-35-45	SKL 35	M45x2,0	32	40,0 MPa
8032-42-52	SKL 42 @	M52x2,0	40	40,0 MPa

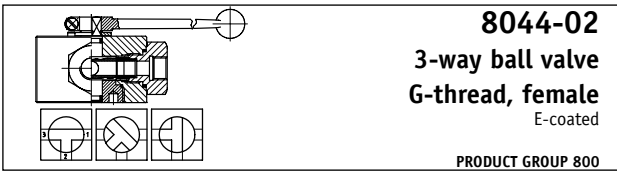
@ = Cast housing



8044-01
3-way ball valve
G-thread, female

E-coated
PRODUCT GROUP 800

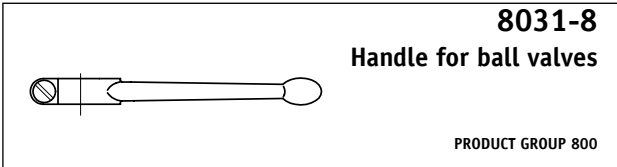
Part number	Connection	Drill	Work pr.
8044-01-02	G 1/8" F	L-drilled	50,0 MPa
8044-01-04	G 1/4" F	L-drilled	50,0 MPa
8044-01-06	G 3/8" F	L-drilled	50,0 MPa
8044-01-08	G 1/2" F	L-drilled	50,0 MPa
8044-01-12	G 3/4" F	L-drilled	31,5 MPa
8044-01-16	G 1" F	L-drilled	31,5 MPa
8044-01-20	G 1 1/4" F	L-drilled	31,5 MPa
8044-01-24	G 1 1/2" F	L-drilled	10,0 MPa



8044-02
3-way ball valve
G-thread, female
E-coated

PRODUCT GROUP 800

Part number	Connection	Drill	Work pr.
8044-02-02	G 1/8" F	T-drilled	50,0 MPa
8044-02-04	G 1/4" F	T-drilled	50,0 MPa
8044-02-06	G 3/8" F	T-drilled	50,0 MPa
8044-02-08	G 1/2" F	T-drilled	50,0 MPa
8044-02-12	G 3/4" F	T-drilled	31,5 MPa
8044-02-16	G 1" F	T-drilled	31,5 MPa
8044-02-20	G 1 1/4" F	T-drilled	31,5 MPa
8044-02-24	G 1 1/2" F	T-drilled	10,0 MPa

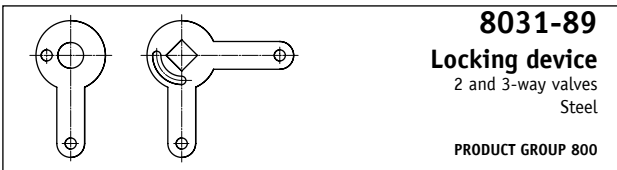


8031-8
Handle for ball valves

PRODUCT GROUP 800

Part number	Type	Material
8031-80-xx	Bend	Zinc
8031-81-xx	Straight	Aluminium
8031-83-xx	Straight	Steel
8031-85-xx	Bend	Aluminium

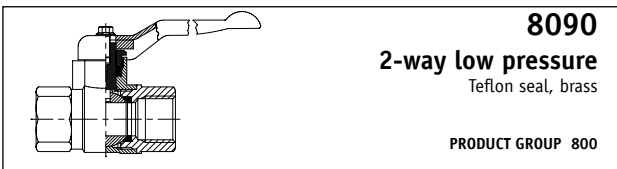
xx = Hole dimension (07, 08, 10, 12, 14, 17, 19, 22)



8031-89
Locking device
2 and 3-way valves
Steel

PRODUCT GROUP 800

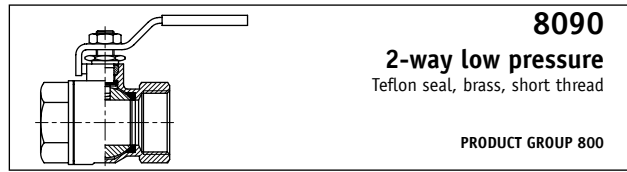
Part number	Fits DN
8031-89-04	4 / 6
8031-89-06	8 / 10
8031-89-08	12
8031-89-10	16
8031-89-12	20 / 25
8031-89-20	32 / 40 / 50



8090
2-way low pressure
Teflon seal, brass

PRODUCT GROUP 800

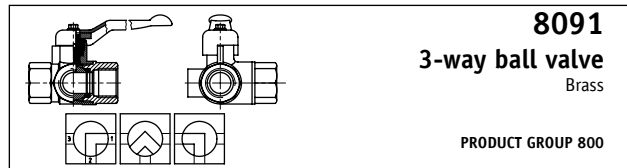
Part number	Connection	Work pr.
8090-04-04	G 1/4" F	6,5 MPa
8090-06-06	G 3/8" F	6,5 MPa
8090-08-08	G 1/2" F	6,5 MPa
8090-12-12	G 3/4" F	4,0 MPa
8090-16-16	G 1" F	4,0 MPa
8090-20-20	G 1 1/4" F	4,0 MPa
8090-24-24	G 1 1/2" F	4,0 MPa
8090-32-32	G 2" F	4,0 MPa
8090-40-40	G 2 1/2" F	3,0 MPa
8090-48-48	G 3" F	3,0 MPa
8090-64-64	G 4" F	3,0 MPa



8090
2-way low pressure
Teflon seal, brass, short thread

PRODUCT GROUP 800

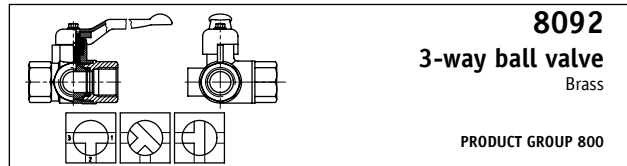
Part number	Connection	Work pr.
8090-03-04	G 1/4" F	4,0 MPa
8090-05-06	G 3/8" F	3,0 MPa
8090-07-08	G 1/2" F	3,0 MPa
8090-11-12	G 3/4" F	3,0 MPa
8090-15-16	G 1" F	3,0 MPa
8090-19-20	G 1 1/4" F	3,0 MPa
8090-23-24	G 1 1/2" F	3,0 MPa
8090-31-32	G 2" F	3,0 MPa
8090-39-40	G 2 1/2" F	3,0 MPa
8090-47-48	G 3" F	3,0 MPa



8091
3-way ball valve
Brass

PRODUCT GROUP 800

Part number	Drill	Connection	Work pr.
8091-04-04	L-drilled	G 1/4" F	6,5 MPa
8091-06-06	L-drilled	G 3/8" F	6,5 MPa
8091-08-08	L-drilled	G 1/2" F	6,5 MPa
8091-12-12	L-drilled	G 3/4" F	4,0 MPa
8091-16-16	L-drilled	G 1" F	4,0 MPa
8091-20-20	L-drilled	G 1 1/4" F	3,0 MPa
8091-24-24	L-drilled	G 1 1/2" F	3,0 MPa
8091-32-32	L-drilled	G 2" F	3,0 MPa



8092
3-way ball valve
Brass

PRODUCT GROUP 800

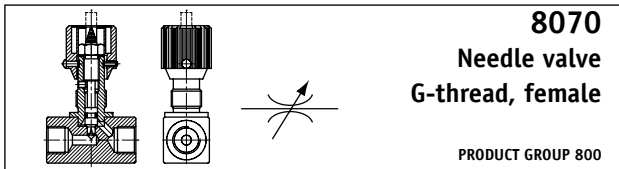
Part number	Drill	Connection	Work pr.
8092-04-04	T-drilled	G 1/4" F	6,5 MPa
8092-06-06	T-drilled	G 3/8" F	6,5 MPa
8092-08-08	T-drilled	G 1/2" F	6,5 MPa
8092-12-12	T-drilled	G 3/4" F	4,0 MPa
8092-16-16	T-drilled	G 1" F	4,0 MPa



8094
2-way mini valve
Brass

PRODUCT GROUP 800

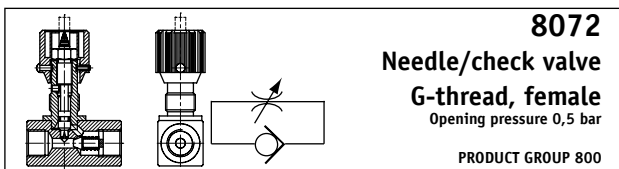
Part number	Type	Connection	Work pr.
8094-02-02	Mini valve	G 1/8" F	3,0 MPa
8094-04-04	Mini valve	G 1/4" F	3,0 MPa
8094-06-06	Mini valve	G 3/8" F	3,0 MPa
8094-08-08	Mini valve	G 1/2" F	3,0 MPa
8094-12-12	Mini valve	G 3/4" F	3,0 MPa
8094-16-16	Mini valve	G 1" F	3,0 MPa



8070
Needle valve
G-thread, female

PRODUCT GROUP 800

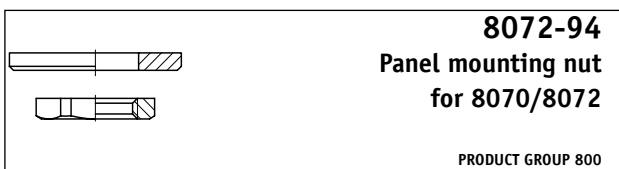
Part number	Connection	DN	Work pr.
8070-02-02	G 1/8" F	6	35,0 MPa
8070-04-04	G 1/4" F	8	35,0 MPa
8070-06-06	G 3/8" F	10	35,0 MPa
8070-08-08	G 1/2" F	12	35,0 MPa
8070-12-12	G 3/4" F	16	35,0 MPa



8072
Needle/check valve
G-thread, female
Opening pressure 0,5 bar

PRODUCT GROUP 800

Part number	Connection	DN	Work pr.
8072-02-02	G 1/8" F	6	35,0 MPa
8072-04-04	G 1/4" F	8	35,0 MPa
8072-06-06	G 3/8" F	10	35,0 MPa
8072-08-08	G 1/2" F	12	35,0 MPa
8072-12-12	G 3/4" F	16	35,0 MPa



8072-94
Panel mounting nut
for 8070/8072

PRODUCT GROUP 800

Part number	Type	For	DN
8072-94-06	Panel mounting nut	8070/8072	6
8072-94-10	Panel mounting nut	8070/8072	8-10
8072-94-16	Panel mounting nut	8070/8072	12-16
8072-94-30	Panel mounting nut	8070/8072	20-30



8100
Level regulator

PRODUCT GROUP 800

Part number	c/c	Fixing screw
8100-00-01	76 level regulator	2 x M 10
8100-00-02	76 level regulator/thermometer	2 x M 10
8100-00-03	127 level regulator	2 x M 12
8100-00-04	127 level regulator/thermometer	2 x M 12
8100-00-05	254 level regulator	2 x M 12
8100-00-06	254 level regulator/thermometer	2 x M 12



8104
Filler cap

PRODUCT GROUP 800

Part number	Hole	Ø	H	µ
8104-00-01	Ø 30	47	112	10
8104-00-02	Ø 51	80	135	10
8104-00-03	Ø 51	80	204	10



8101
Spin-on filter

PRODUCT GROUP 800

Part number	Connection	Q max	µ
8101-11-02	G 3/4" F	55 l/min	10
8101-11-12	G 3/4" F	55 l/min	10
8101-21-02	G1 1/4" F	145 l/min	10
8101-21-12	G1 1/4" F	145 l/min	10



8201
Filter element
For 8101

PRODUCT GROUP 800

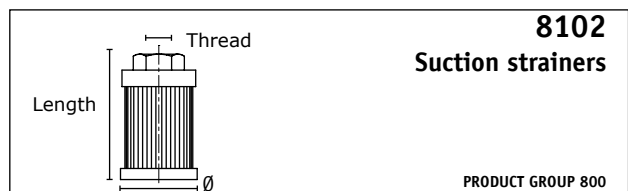
Part number	Filtering	Fits
8201-00-01	10 micron nominal	8101-11-xx
8201-00-03	10 micron nominal	8101-21-xx
8201-02-01	25 micron nominal	8101-11-xx
8201-02-03	25 micron nominal	8101-21-xx



8109
Air filter

PRODUCT GROUP 800

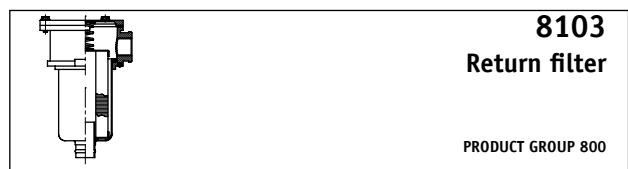
Part number	Thread	Ø	µ
8109-00-04	G 1/4" M	53	3
8109-00-06	G 3/8" M	53	3
8109-00-08	G 1/2" M	75	3
8109-00-12	G 3/4" M	75	3
8109-00-16	G 1" M	115	3



8102
Suction strainers

PRODUCT GROUP 800

Part number	Thread	Ø	Length
8102-00-15	G 1/2"	52	78
8102-00-17	G 1"	70	95
8102-00-75	G1 1/2"	130	262



8103
Return filter

PRODUCT GROUP 800

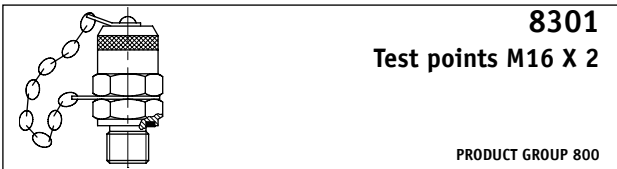
Part number	Thread	Q max	µ
8103-03-20	G 1/2"	25 l/m	10
8103-06-20	G 3/4"	40 l/m	10
8103-10-20	G 1"	55 l/m	10
8103-18-20	G1 1/4"	125 l/m	10



8203
Filter element

PRODUCT GROUP 800

Part number	Thread	Q max	
8203-03-20	G 1/2"	25 l/m	10
8203-06-20	G 3/4"	40 l/m	10
8203-10-20	G 1"	55 l/m	10
8203-18-20	G 1 1/4"	125 l/m	10



8301
Test points M16 X 2

PRODUCT GROUP 800

Part number	Type	Seal	Connection
8301-00-02	Test points M16 x 2	ED	G 1/8" M
8301-00-04	Test points M16 x 2	ED	G 1/4" M
8301-00-06	Test points M16 x 2	ED	G 3/8" M
8301-00-08	Test points M16 x 2	ED	G 1/2" M
8301-03-04	Test points M16 x 2	ED	S 12 x 1,5
8301-30-10	Test points M16 x 2	O-ring	M10 x 1
8301-30-12	Test points M16 x 2	O-ring	M12 x 1,5
8301-30-14	Test points M16 x 2	ED	M14 x 1,5
8301-30-16	Test points M16 x 2	ED	M16 x 1,5
8301-60-07	Test points M16 x 2	O-ring	7/16"-20 UNF
8301-60-09	Test points M16 x 2	O-ring	9/16-18 UNF

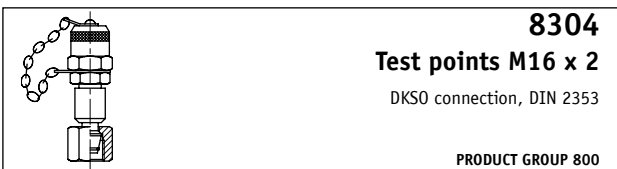


8303
Test points M16 x 2

DKLO connection, DIN 2353

PRODUCT GROUP 800

Part number	Type	Connection	Pipe dim.
8303-00-06	Test points M16 x 2	DKLO 06	6
8303-00-08	Test points M16 x 2	DKLO 08	8
8303-00-10	Test points M16 x 2	DKLO 10	10
8303-00-12	Test points M16 x 2	DKLO 12	12
8303-00-15	Test points M16 x 2	DKLO 15	15
8303-00-18	Test points M16 x 2	DKLO 18	18
8303-00-22	Test points M16 x 2	DKLO 22	22
8303-00-28	Test points M16 x 2	DKLO 28	28
8303-00-35	Test points M16 x 2	DKLO 35	35
8303-00-42	Test points M16 x 2	DKLO 42	42



8304
Test points M16 x 2

DKSO connection, DIN 2353

PRODUCT GROUP 800

Part number	Type	Connection	Pipe dim.
8304-00-06	Test points M16 x 2	DKSO 06	6
8304-00-08	Test points M16 x 2	DKSO 08	8
8304-00-10	Test points M16 x 2	DKSO 10	10
8304-00-12	Test points M16 x 2	DKSO 12	12
8304-00-14	Test points M16 x 2	DKSO 14	14
8304-00-16	Test points M16 x 2	DKSO 16	16
8304-00-20	Test points M16 x 2	DKSO 20	20
8304-00-25	Test points M16 x 2	DKSO 25	25
8304-00-30	Test points M16 x 2	DKSO 30	30
8304-00-38	Test points M16 x 2	DKSO 38	38



8306
Manometer fitting

Bulkhead, G-thread M16 x 2 male

PRODUCT GROUP 800

Part number	Type	Connection
8306-00-04	Manometer fitting, bulkhead	G 1/4" F
8306-00-06	Manometer fitting, bulkhead	G 3/8" F
8306-00-08	Manometer fitting, bulkhead	G 1/2" F

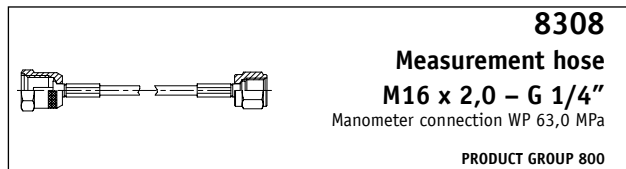


8307
Manometer fitting

G-thread M16 x 2 female

PRODUCT GROUP 800

Part number	Type	Connection
8307-00-04	Manometer fitting	G 1/4" F
8307-00-08	Manometer fitting	G 1/2" F

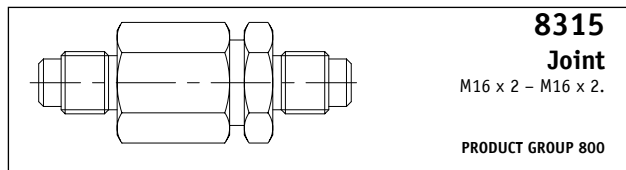


8308
Measurement hose

M16 x 2,0 – G 1/4"
Manometer connection WP 63,0 MPa

PRODUCT GROUP 800

Part number	Type	Length
8308-02-00	Measurement hose	L = 200 mm
8308-04-00	Measurement hose	L = 400 mm
8308-06-00	Measurement hose	L = 600 mm
8308-08-00	Measurement hose	L = 800 mm
8308-10-00	Measurement hose	L = 1000 mm
8308-15-00	Measurement hose	L = 1500 mm
8308-20-00	Measurement hose	L = 2000 mm
8308-25-00	Measurement hose	L = 2500 mm
8308-32-00	Measurement hose	L = 3200 mm
8308-40-00	Measurement hose	L = 4000 mm
8308-45-00	Measurement hose	L = 4500 mm
8308-50-00	Measurement hose	L = 5000 mm



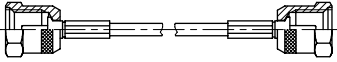
8315
Joint

M16 x 2 – M16 x 2.

PRODUCT GROUP 800


Part number	Type
8315-00-01	Joint M16 x 2





8309
Measurement hose
M16 x 2,0
 WP 63,0 MPa
 PRODUCT GROUP 800

Part number	Type	Length
8309-02-00	Measurement hose	L= 200 mm
8309-03-00	Measurement hose	L= 300 mm
8309-04-00	Measurement hose	L= 400 mm
8309-06-00	Measurement hose	L= 600 mm
8309-08-00	Measurement hose	L= 800 mm
8309-10-00	Measurement hose	L= 1000 mm
8309-15-00	Measurement hose	L= 1500 mm
8309-20-00	Measurement hose	L= 2000 mm
8309-25-00	Measurement hose	L= 2500 mm
8309-32-00	Measurement hose	L= 3200 mm
8309-40-00	Measurement hose	L= 4000 mm
8309-50-00	Measurement hose	L= 5000 mm




8350
Measurement hose
 Polyamide with Aramid reinforcement
 PRODUCT GROUP 800

Part number	OD	ID	Bend rad.	Work pr.
8350-00-02	5,6 mm	2,0 mm	35 mm	63,0 MPa



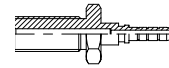
8352
Fitting for measurement hose
 PRODUCT GROUP 800

Part number	Type	Hose ID
8352-00-02	M 16 x 2,0 FS straight	DN 2
8352-16-02	M 16 x 2,0 FS 90°	DN 2
8352-12-65	S 12,65 x 1,5 FS	DN 2



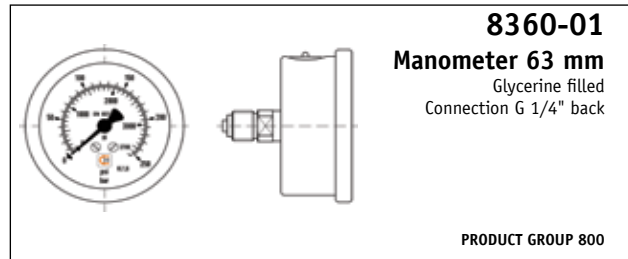
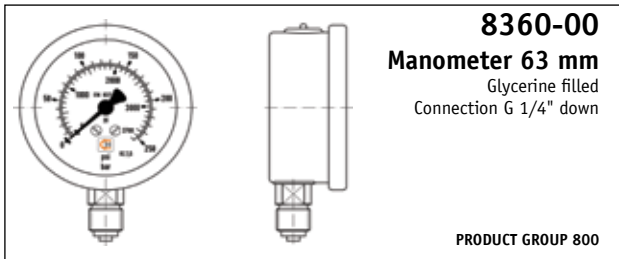
8353
Fitting for measurement hose
 PRODUCT GROUP 800

Part number	Type	Hose ID
8353-14-02	G 1/4" FS straight	DN 2



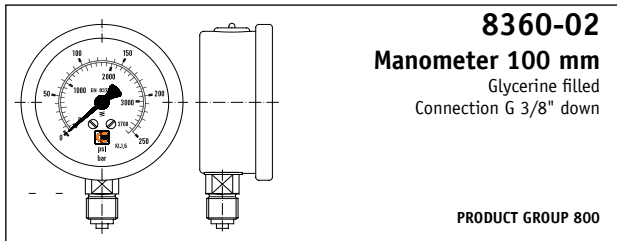
8354
Fitting for measurement hose
 PRODUCT GROUP 800

Part number	Type	Hose ID
8354-06-02	Standpipe 6 mm	DN 2
8354-08-02	Standpipe 8 mm	DN 2

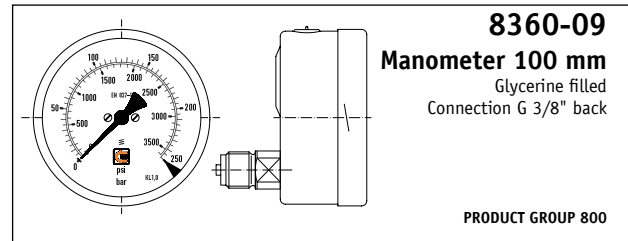


Part number	Pressure range bar	Dimension
8360-00-001	-1 - 0,0	G 1/4"
8360-00-002	-1 - 5,0	G 1/4"
8360-00-003	0 - 2,5	G 1/4"
8360-00-004	0 - 4,0	G 1/4"
8360-00-005	-1 - 3,0	G 1/4"
8360-00-006	0 - 6,0	G 1/4"
8360-00-007	0 - 7,0	G 1/4"
8360-00-008	-1 - 1,5	G 1/4"
8360-00-009	0 - 1,0	G 1/4"
8360-00-010	0 - 0,6	G 1/4"
8360-00-011	0 - 1,6	G 1/4"
8360-00-012	-1 - 0,6	G 1/4"
8360-00-013	-1 - 9,0	G 1/4"
8360-00-014	-1 - 15,0	G 1/4"
8360-00-01	0 - 10,0	G 1/4"
8360-00-016	0 - 16,0	G 1/4"
8360-00-025	0 - 25,0	G 1/4"
8360-00-04	0 - 40,0	G 1/4"
8360-00-06	0 - 60,0	G 1/4"
8360-00-10	0 - 100,0	G 1/4"
8360-00-16	0 - 160,0	G 1/4"
8360-00-25	0 - 250,0	G 1/4"
8360-00-31	0 - 315,0	G 1/4"
8360-00-40	0 - 400,0	G 1/4"
8360-00-60	0 600,0	G 1/4"
8360-00-100	0 1000,0	G 1/4"
8360-00-160	0 1600,0	G 1/4"

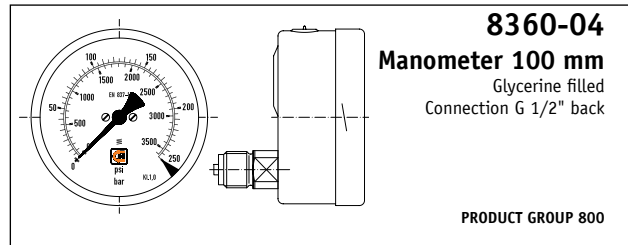
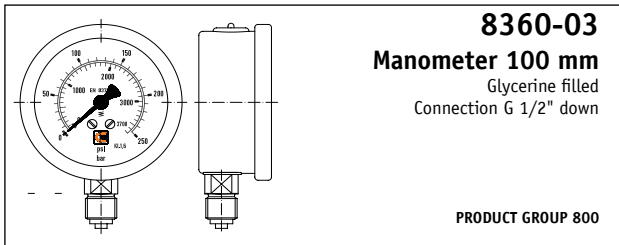
Part number	Pressure range bar	Dimension
8360-01-001	-1 - 0,0	G 1/4"
8360-01-002	-1 - 5,0	G 1/4"
8360-01-003	0 - 2,5	G 1/4"
8360-01-004	0 - 4,0	G 1/4"
8360-01-005	-1 - 3,0	G 1/4"
8360-01-006	0 - 6,0	G 1/4"
8360-01-007	0 - 7,0	G 1/4"
8360-01-008	-1 - 1,5	G 1/4"
8360-01-009	0 - 1,0	G 1/4"
8360-01-010	0 - 0,6	G 1/4"
8360-01-011	0 - 1,6	G 1/4"
8360-01-012	-1 - 0,6	G 1/4"
8360-01-013	-1 - 9,0	G 1/4"
8360-01-014	-1 - 15,0	G 1/4"
8360-01-01	0 - 10,0	G 1/4"
8360-01-016	0 - 16,0	G 1/4"
8360-01-025	0 - 25,0	G 1/4"
8360-01-04	0 - 40,0	G 1/4"
8360-01-06	0 - 60,0	G 1/4"
8360-01-10	0 - 100,0	G 1/4"
8360-01-16	0 - 160,0	G 1/4"
8360-01-25	0 - 250,0	G 1/4"
8360-01-31	0 - 315,0	G 1/4"
8360-01-40	0 - 400,0	G 1/4"
8360-01-60	0 600,0	G 1/4"
8360-01-100	0 1000,0	G 1/4"
8360-01-160	0 1600,0	G 1/4"



Part number	Pressure range bar	Dimension
8360-02-001	-1 - 0,0	G 3/8"
8360-02-002	-1 - 5,0	G 3/8"
8360-02-003	0 - 2,5	G 3/8"
8360-02-004	0 - 4,0	G 3/8"
8360-02-005	-1 - 3,0	G 3/8"
8360-02-006	0 - 6,0	G 3/8"
8360-02-007	0 - 0,7	G 3/8"
8360-02-008	-1 - 1,5	G 3/8"
8360-02-009	0 - 1,0	G 3/8"
8360-02-010	0 - 0,6	G 3/8"
8360-02-011	0 - 1,6	G 3/8"
8360-02-012	-1 - 0,6	G 3/8"
8360-02-013	-1 - 9,0	G 3/8"
8360-02-014	-1 - 15,0	G 3/8"
8360-02-01	0 - 10,0	G 3/8"
8360-02-016	0 - 16,0	G 3/8"
8360-02-025	0 - 25,0	G 3/8"
8360-02-04	0 - 40,0	G 3/8"
8360-02-06	0 - 60,0	G 3/8"
8360-02-10	0 - 100,0	G 3/8"
8360-02-16	0 - 160,0	G 3/8"
8360-02-25	0 - 250,0	G 3/8"
8360-02-31	0 - 315,0	G 3/8"
8360-02-40	0 - 400,0	G 3/8"
8360-02-60	0 600,0	G 3/8"
8360-02-100	0 1000,0	G 3/8"
8360-02-160	0 1600,0	G 3/8"

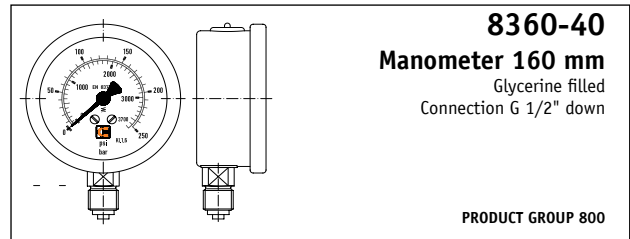
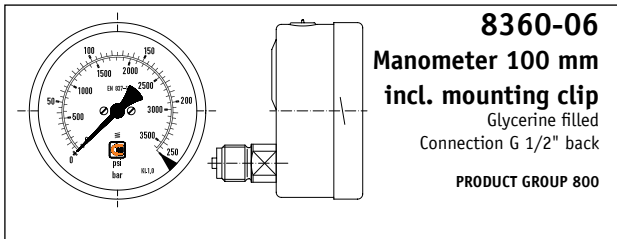


Part number	Pressure range bar	Dimension
8360-09-001	-1 - 0,0	G 3/8"
8360-09-002	-1 - 5,0	G 3/8"
8360-09-003	0 - 2,5	G 3/8"
8360-09-004	0 - 4,0	G 3/8"
8360-09-005	-1 - 3,0	G 3/8"
8360-09-006	0 - 6,0	G 3/8"
8360-09-007	0 - 7,0	G 3/8"
8360-09-008	-1 - 1,5	G 3/8"
8360-09-009	0 - 1,0	G 3/8"
8360-09-010	0 - 0,6	G 3/8"
8360-09-012	-1 - 0,6	G 3/8"
8360-09-013	-1 - 9,0	G 3/8"
8360-09-014	-1 - 15,0	G 3/8"
8360-09-01	0 - 10,0	G 3/8"
8360-09-016	0 - 16,0	G 3/8"
8360-09-025	0 - 25	G 3/8"
8360-09-04	0 - 40,0	G 3/8"
8360-09-06	0 - 60,0	G 3/8"
8360-09-10	0 - 100,0	G 3/8"
8360-09-16	0 - 160,0	G 3/8"
8360-09-25	0 - 250,0	G 3/8"
8360-09-31	0 - 315,0	G 3/8"
8360-09-40	0 - 400,0	G 3/8"
8360-09-60	0 - 600,0	G 3/8"
8360-09-100	0 - 1000,0	G 3/8"
8360-09-160	0 - 1600,0	G 3/8"



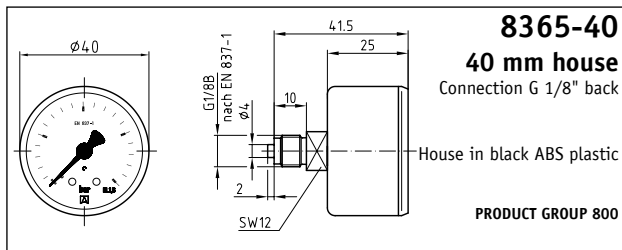
Part number	Pressure range bar	Dimension
8360-03-001	-1 - 0,0	G 1/2"
8360-03-002	-1 - 5,0	G 1/2"
8360-03-003	0 - 2,5	G 1/2"
8360-03-004	0 - 4,0	G 1/2"
8360-03-005	-1 - 3,0	G 1/2"
8360-03-006	0 - 6,0	G 1/2"
8360-03-007	0 - 0,7	G 1/2"
8360-03-008	-1 - 1,5	G 1/2"
8360-03-009	0 - 1,0	G 1/2"
8360-03-010	0 - 0,6	G 1/2"
8360-03-011	0 - 1,6	G 1/2"
8360-03-012	-1 - 0,6	G 1/2"
8360-03-013	-1 - 9,0	G 1/2"
8360-03-014	-1 - 15,0	G 1/2"
8360-03-01	0 - 10,0	G 1/2"
8360-03-016	0 - 16,0	G 1/2"
8360-03-025	0 - 25,0	G 1/2"
8360-03-04	0 - 40,0	G 1/2"
8360-03-06	0 - 60,0	G 1/2"
8360-03-10	0 - 100,0	G 1/2"
8360-03-16	0 - 160,0	G 1/2"
8360-03-25	0 - 250,0	G 1/2"
8360-03-31	0 - 315,0	G 1/2"
8360-03-40	0 - 400,0	G 1/2"
8360-03-60	0 600,0	G 1/2"
8360-03-100	0 1000,0	G 1/2"
8360-03-160	0 1600,0	G 1/2"

Part number	Pressure range bar	Dimension
8360-04-001	-1 - 0,0	G 1/2"
8360-04-002	-1 - 5,0	G 1/2"
8360-04-003	0 - 2,5	G 1/2"
8360-04-004	0 - 4,0	G 1/2"
8360-04-005	-1 - 3,0	G 1/2"
8360-04-006	0 - 6,0	G 1/2"
8360-04-007	0 - 7,0	G 1/2"
8360-04-008	-1 - 1,5	G 1/2"
8360-04-009	0 - 1,0	G 1/2"
8360-04-010	0 - 0,6	G 1/2"
8360-04-011	0 - 1,6	G 1/2"
8360-04-012	-1 - 0,6	G 1/2"
8360-04-013	-1 - 9,0	G 1/2"
8360-04-014	-1 - 15,0	G 1/2"
8360-04-01	0 - 10,0	G 1/2"
8360-04-016	0 - 16,0	G 1/2"
8360-04-025	0 - 25	G 1/2"
8360-04-04	0 - 40,0	G 1/2"
8360-04-06	0 - 60,0	G 1/2"
8360-04-10	0 - 100,0	G 1/2"
8360-04-16	0 - 160,0	G 1/2"
8360-04-25	0 - 250,0	G 1/2"
8360-04-31	0 - 315,0	G 1/2"
8360-04-40	0 - 400,0	G 1/2"
8360-04-60	0 - 600,0	G 1/2"
8360-04-100	0 - 1000,0	G 1/2"
8360-04-160	0 - 1600,0	G 1/2"

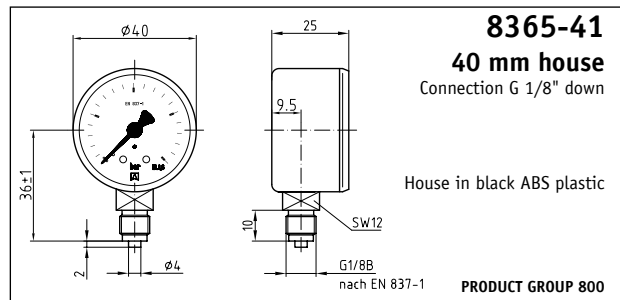


Part number	Pressure range bar	Dimension
8360-06-001	-1 - 0,0	G 1/2"
8360-06-002	-1 - 5,0	G 1/2"
8360-06-003	0 - 2,5	G 1/2"
8360-06-004	0 - 4,0	G 1/2"
8360-06-005	-1 - 3,0	G 1/2"
8360-06-006	0 - 6,0	G 1/2"
8360-06-007	0 - 7,0	G 1/2"
8360-06-008	-1 - 1,5	G 1/2"
8360-06-009	0 - 1,0	G 1/2"
8360-06-010	0 - 0,6	G 1/2"
8360-06-012	-1 - 0,6	G 1/2"
8360-06-013	-1 - 9,0	G 1/2"
8360-06-014	-1 - 15,0	G 1/2"
8360-06-01	0 - 10,0	G 1/2"
8360-06-016	0 - 16,0	G 1/2"
8360-06-025	0 - 25	G 1/2"
8360-06-04	0 - 40,0	G 1/2"
8360-06-06	0 - 60,0	G 1/2"
8360-06-10	0 - 100,0	G 1/2"
8360-06-16	0 - 160,0	G 1/2"
8360-06-25	0 - 250,0	G 1/2"
8360-06-31	0 - 315,0	G 1/2"
8360-06-40	0 - 400,0	G 1/2"
8360-06-60	0 - 600,0	G 1/2"
8360-06-100	0 - 1000,0	G 1/2"
8360-06-160	0 - 1600,0	G 1/2"

Part number	Pressure range bar	Dimension
8360-40-001	-1 - 0,0	G 1/2"
8360-40-002	-1 - 5,0	G 1/2"
8360-40-003	0 - 2,5	G 1/2"
8360-40-004	0 - 4,0	G 1/2"
8360-40-005	-1 - 3,0	G 1/2"
8360-40-006	0 - 6,0	G 1/2"
8360-40-007	0 - 0,7	G 1/2"
8360-40-008	-1 - 1,5	G 1/2"
8360-40-009	0 - 1,0	G 1/2"
8360-40-010	0 - 0,6	G 1/2"
8360-40-011	0 - 1,6	G 1/2"
8360-40-012	-1 - 0,6	G 1/2"
8360-40-013	-1 - 9,0	G 1/2"
8360-40-014	-1 - 15,0	G 1/2"
8360-40-01	0 - 10,0	G 1/2"
8360-40-016	0 - 16,0	G 1/2"
8360-40-025	0 - 25,0	G 1/2"
8360-40-04	0 - 40,0	G 1/2"
8360-40-06	0 - 60,0	G 1/2"
8360-40-10	0 - 100,0	G 1/2"
8360-40-16	0 - 160,0	G 1/2"
8360-40-25	0 - 250,0	G 1/2"
8360-40-31	0 - 315,0	G 1/2"
8360-40-40	0 - 400,0	G 1/2"
8360-40-60	0 600,0	G 1/2"
8360-40-100	0 1000,0	G 1/2"
8360-40-160	0 1600,0	G 1/2"



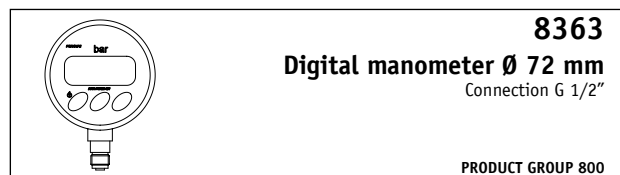
Part number	Pressure range bar	Dimension
8365-40-003	0 - 2,5	G 1/8"
8365-40-004	0 - 4	G 1/8"
8365-40-006	0 - 6	G 1/8"
8365-40-01	0 - 10	G 1/8"
8365-40-016	0 - 16	G 1/8"
8365-40-025	0 - 25	G 1/8"



Part number	Pressure range bar	Dimension
8365-41-004	0 - 4	G 1/8"
8365-41-006	0 - 6	G 1/8"
8365-41-01	0 - 10	G 1/8"
8365-41-016	0 - 16	G 1/8"



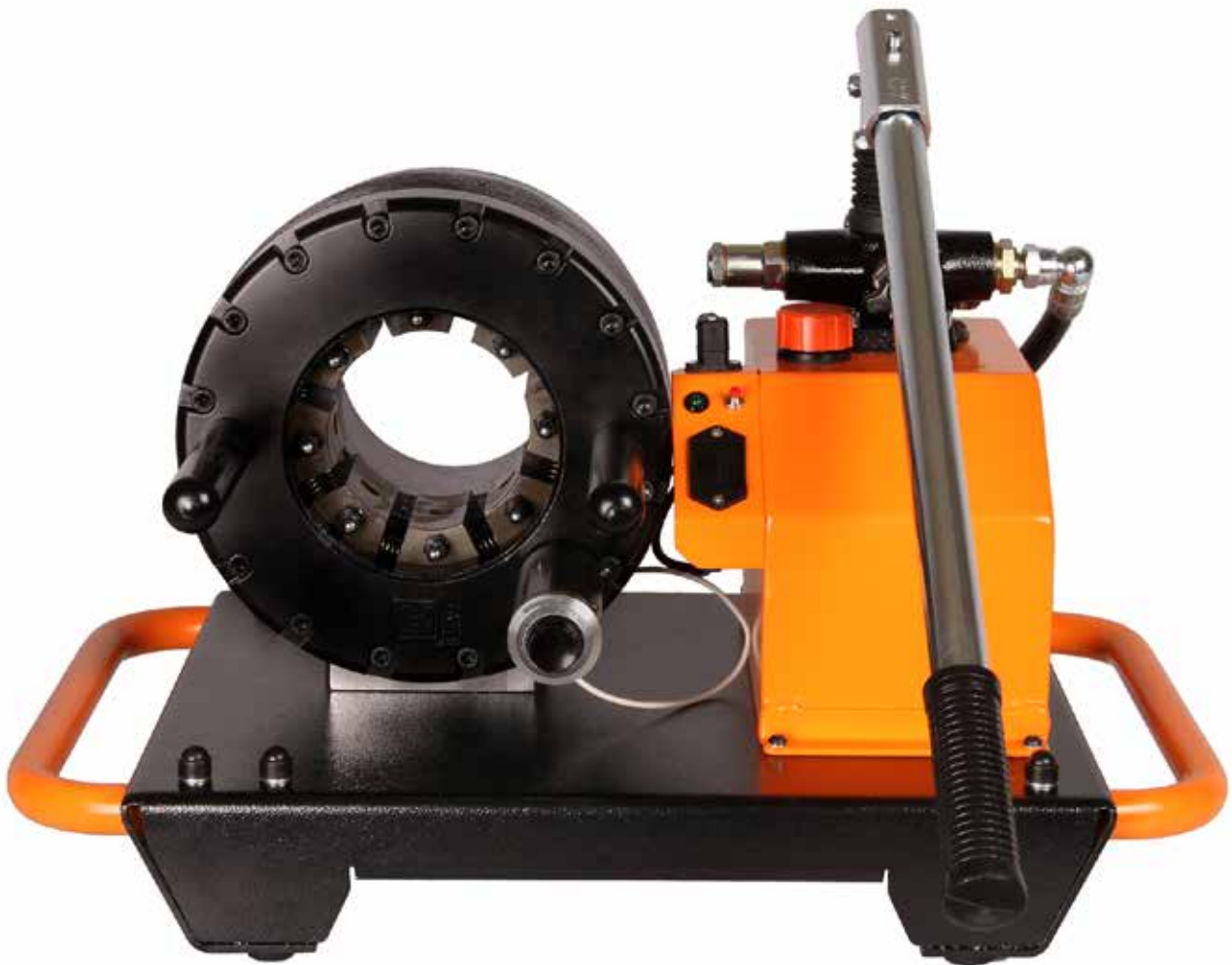
Part number	Type
8360-05-00	Front flange 63 mm
8360-05-02	Clamp support 63 mm
8360-05-03	Rubber protection Ø63mm
8360-05-04	Rubber protection Ø100mm



Part number	Data
8363-00-70	Pressure: 0-700 bar Accuracy: 0,2 % Coating: IP65



Part number	Description
8372-16-40	Test equipment 2 mano. Basic content: Manometer 16,0MPa 1 pc (8360-00-16) Manometer 40,0MPa 1 pc (8360-00-40) Manometer fitting G 1/4" 2 pc (8307-00-04) Test points G 1/8" 1 pc (8301-00-02) Test points G 1/4" 1 pc (8301-00-04) Test points G 3/8" 1 pc (8301-00-06) Test points G 1/2" 1 pc (8301-00-08) Measurement hose L = 2 m 1 pc (8308-20-00)
8372-16-41	Test equipment 2 mano. Basic content: Manometer 16,0 MPa 1 pc (8360-00-16) Manometer 40,0 MPa 1 pc (8360-00-40) Manometer fitting G 1/4" 2 pc (8307-00-04) Test points G 1/8" 1 pc (8301-00-02) Test points G 1/4" 1 pc (8301-00-04) Test points G 3/8" 1 pc (8301-00-06) Test points G 1/2" 1 pc (8301-00-08) Measurement hose L = 2 m 1 pc (8308-20-00) Digital manometer 0-700 bar 1 pc (8363-00-70) Rubber protection 1 pc (8360-00-00)
8372-16-42	Equipment bag 2, empty



HYDROSCAND MACHINES

PRODUCT GROUP 900

In Hydroscauds machine program you will find machines for hydraulic hose assembly, from swaging machines to collapse mandrels.

The program also includes equipment for assembling, flattening and pipe bending.

Our strive is to always develop and improve our machine assortment. Therefore, we have continued to develop our automatic machines even further.

Visit your local Hydroscaud branch for further information

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MACHINES

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9085 KNIFECUT 4-30BT



KnifeCut 4-30BT is a pneumatically operated cutting tool for cables and for hoses with polyamide and textile reinforcement. It is suitable for hoses from 4 mm to 30 mm OD. KnifeCut 4-30BT is controlled by a foot pedal, and is delivered with two tools, one for standard hoses and one for twin hoses. Because of the guillotine knife, the cut is in perfect angle and leaves the hose free from rubber waste.

Length: 250 mm
 Width: 320 mm
 Height: 440 mm
 Weight: 14 kg

ACCESSORIES

Part number	Type
9085-01-01	KnifeCut 4-30BT

Part number	Type
9079-99-01	Cutting blade 50x55x2,5



9006 MINICUT 5-50



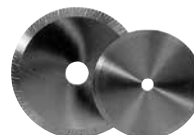
A manually operated cutting machine designed for smaller workshops and service vans. MiniCut has a robust construction, is highly reliable and easy to use. There are three different motor alternatives to choose from: 12V, 230V single phase and 230/400/460V 3-phase. The machine is prepared with a smoke evacuation connection and it's suitable for braided hoses up to 2".

Length: 450 mm
 Width: 400 mm
 Height: 430 mm
 Weight: 45 kg

ACCESSORIES

Part number	Type
9006-01-00	MiniCut 5-50 3-phase / 3kW 400V/16A/50Hz
9006-01-00N	MiniCut 5-50 3-phase / 3kW 230V/16A/50Hz
9006-02-00	MiniCut 5-50 1-phase / 2,2kW 230V/16A/50Hz
9006-03-00	MiniCut 5-50 1kW 12/24V

Part number	Type
9003-00-03	Cutting blade "Standard" 300x3x50
9003-01-02	Cutting blade "Toothed TS" 300x3x50



9031-00-03 MIDICUT 5-50P



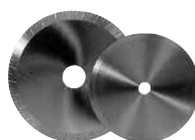
MidiCut 5-50P is a pneumatically operated hose cutting machine for the medium sized workshop or the small serial production. The machine is very safe and easy to use.

Length: 705 mm
 Width: 570 mm
 Height: 385 mm
 Weight: 80 kg

ACCESSORIES

Part number	Type
9031-00-03	MidiCut 5-50P, 400V 3-phase 5kW

Part number	Type
9003-00-03	Cutting blade "Standard" 300x3x50
9003-01-02	Cutting blade "Toothed TS" 300x3x50



9009 MAXICUT 5-60 OT



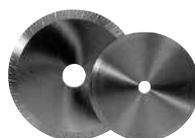
MaxiCut 5-60 is a high performance and very safe pneumatically operated hose cutting machine for the large workshop. The cutter has a 5 kW motor and a 400 mm cutting blade. The machine is suitable for hoses with up to four steel braids with dimensions from 3/16" up to 2". This model has an "open throat" hatch for inserting the hose from the front. The machine is also equipped with a pre-selection for three different cutting speeds to avoid overheating of the cutting blade and variable cutting stroke.

Length: 700 mm
 Width: 600 mm
 Height: 1300 mm
 Weight: 140 kg

ACCESSORIES

Part number	Type
9009-00-00	MaxiCut 5-60, 400V 3-phase 5kW
9009-00-01	MaxiCut 5-60, 230V 3-phase 5kW

Part number	Type
9009-01-01	Cutting blade "Standard" 400x4x50
9009-01-02	Cutting blade "Toothed TS" 400x4x50



9010 POWERCUT 5-75 PH



A pneumatic hose cutting machine for the large workshop. The cutter has a 7,5 kW engine and a 520 mm blade. The machine is suitable for hoses with up to six steel braids with dimensions from 3/16" up to 2" and for industrial hoses up to dimension 3". Max outside hose diameter, 90 mm.

The machine has an "open throat" hatch for inserting the hose from the front. Comes with three different cutting speeds and variable feeding speed. Adapter for smoke evacuation Ø100. Counter for 0-9999 pcs. The machine comes with pneumatic bend when cutting a hose.

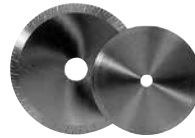
NB! For hoses with four and six steel braids, use toothed cutting blade.

Length: 900 mm
 Width: 645 mm
 Height: 1150 mm
 Weight: 210 kg

ACCESSORIES

Part number	Type
9010-00-00	PowerCut 5-75 400V/25A/50Hz 7,5 kW
9010-00-15	PowerCut 5-75 230V/25A/50Hz 7,5 kW

Part number	Type
9005-00-01	Cutting blade "standard" 520x4x38
9005-00-03	Cutting blade "toothed TF" 520x4x38
9005-00-04	Cutting blade "toothed TS" 520x4x50
9005-01-04	Adapter ring 50x38 for cutting blade 9005-00-04



9080 AUTOCUT 5-20L



AutoCut 5-20L is an automatic cutting machine for textile and steel reinforced hoses up to 3/4". It is very easy to use thanks to the touch screen and has excellent length tolerance. Hose Reel and conveyor are optional, available in different design to meet your request. There is also an inductive heating unit available as option used to prevent flaring hose ends when cutting stainless steel reinforced teflon hose.

- Advantages:
- Fast and easy operation.
 - Safety system to protect the user
 - Adjustable feeding speed
 - Adjustable cutting speed
 - Excellent cut tolerance
 - Fast and easy tool change.
 - Cutting blade completely encased.

Technical data

AutoCut 5-20L

Hose diameter	8-30 mm OD
Cutting capacity	500 pcs/hour
Max load hose reel	400 kg
Max cutting length	32000 mm
Cutting tolerance	± 1 mm
Cutting tolerance	Acc. to DIN 20066
Motor	5,5 kW 2880 rpm
Voltage 3-phase	230/400V/20A/50
Feeding motor	0,5 kW
Feeding speed	10-30 m/min
Cutting blade diameter	400 mm
Shaft diameter cutting blade	50 mm
Air pressure	min. 6,0 bar
Hose connection for smoke evacuation system	100 mm
Colour	Light grey
Storage capacity	1200 part no.
Length	1070 mm
Width	750 mm
Height	1100 mm
Weight	475 kg

HoseReel-EOS

Length	3100 mm
Width	750 mm
Height	1100 mm
Weight	155 kg

Conveyor

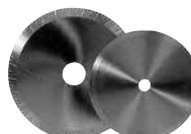
Length	2000/3000 mm
Width	300 mm
Height	1400 mm
Weight	75/100 kg



ACCESSORIES

Part number	Type
9080-03-00	AutoCut 5-32 400V / 5,5kW 3-phase
9080-01-11	HoseReel-EOS
9080-01-21	Conveyor 2 m
9090-00-00	CellCon 2000 digital measuring
9080-01-22	Conveyor 3 m
9090-00-02	CellCon 2900 digital measuring

Part number	Type
9005-00-04	Cutting blade "toothed" 520x4x50
9080-01-31	Printer for work reports
9080-01-35	Remote control, foot pedal
9080-00-03	Remote control, handle
9080-00-06	KnifeCut 4-30AC, pneumatic ending tool
9080-00-13	Hose joint detection system



9080 AUTOCUT 5-32C



AutoCut 5-32C is a computer-controlled and automatic cutting machine. The cutter has a 5,5 kW engine and a 520 mm blade. Suitable for hoses with one and two steel braids from dimension 3/16" to 1 1/4" and hoses with four steel braids up to dimension 1". It is easy to operate because of the logic control unit and LCD-display. The machine is designed for easy change of tools. The workflow is optimized by adding the hose reel and the conveyor unit.

Advantages

- Fast and easy operation
- Safety system to protect the operator
- Computer controlled process (PLC)
- Colour touch-screen control
- Storage capacity of 1200 part numbers
- Cutting tolerance much better than according to DIN 20066
- Fast and easy tool change
- Three feed speeds, 18/28/40 metre/minute
- Three cutting speeds
- Two cutting heights
- Cutting blade completely encased

Technical data

AutoCut 5-32C

Hose diameter	8-50 mm OD
Cutting capacity	480-700 st/tim
Max load hose reel	400 kg
Max cutting length	99999 mm
Cutting tolerance	± 1 mm
Cutting tolerance	Acc. to DIN 20066
Motor	5,5 kW 3000 rpm
Voltage 3-phase	230/400V/25A/50Hz
Feeding motor	0,35 kW
Feeding speed	18/28/40 m/min
Cutting blade diameter	520 mm
Shaft diameter cutting blade	38 mm
Air pressure	min. 7,0 bar
Hose connection for smoke evacuation system	100 mm
Colour	Light grey/dark grey
Storage capacity	1200 part no.
Length	1070 mm
Width	750 mm
Height	1100 mm
Weight	475 kg

HoseReel-EOS

Length	3100 mm
Width	750 mm
Height	1100 mm
Weight	155 kg

Conveyor

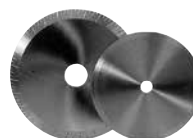
Length	2000/3000 mm
Width	300 mm
Height	1400 mm
Weight	75/100 kg



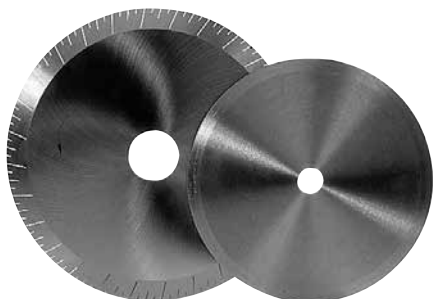
ACCESSORIES

Part number	Type
9080-01-00	AutoCut 5-32 400V / 5,5kW 3-fas
9080-01-11	HoseReel-EOS
9080-01-21	Conveyor 2 m
9090-00-00	CellCon 2000 digital measuring
9080-01-22	Conveyor 3 m
9090-00-02	CellCon 2900 digital measuring

Part number	Type
9005-00-04	Cutting blade "toothed" 520x4x50
9080-01-31	Printer for work reports
9080-01-35	Remote control, foot pedal
9080-00-03	Remote control, handle
9080-00-06	KnifeCut 4-30AC, pneumatic ending tool
9080-00-13	Hose joint detection system



900x CUTTING BLADES



Hydroscand can offer three different types of cutting blades: one standard blade and two toothed blade types, all manufactured in hardened steel. The blades perform quick and clean cutting results on 1-, 2-, 3-, 4- and 6-braided steel hoses. Available in dimensions 200 mm – 520 mm.

Part number	Type
9002-00-02	Cutting blade std. 200x3/40 mm
9001-00-01	Cutting blade std. 250x3/16 mm
9001-00-02	Cutting blade std. 250x3/25 mm
9006-06-01	Cutting blade std. 250x3/25,4 mm
9006-00-01	Cutting blade std. 250x3/32 mm
9003-00-01	Cutting blade std. 300x3/16 mm
9009-01-01	Cutting blade std. 400x4/50 mm
9005-00-01	Cutting blade std. 520x4/38 mm
9006-01-02	Cutting blade toothed 250x3/40 mm
9003-01-02	Cutting blade toothed 300x3/50 mm
9009-01-02	Cutting blade toothed 400x4/50 mm
9005-00-03	Cutting blade toothed 520x4/38 mm
9005-00-04	Cutting blade toothed 520x4/50 mm

ACCESSORIES

Part number	Type
9006-01-05	Adapter ring for toothed cutting blade 40x25,4 mm
9006-01-06	Adapter ring for toothed cutting blade 40x32 mm
9005-01-07	Adapter ring for toothed cutting blade 50x32 mm
9005-01-04	Adapter ring for toothed cutting blade 50x38 mm
9005-01-05	Adapter ring for toothed cutting blade 50x40 mm

9010 SCRAPCUT 5-50



ScrapCut is used to cut off the fitting so that the old hose can be recycled. The machine uses a guillotine because this type of cutting does not require high tolerance. This will eliminate the smoke and dust in the workshop.

Length: 1300 mm
 Width: 800 mm
 Height: 1900 mm
 Weight: 240 kg

Part number	Type
9010-10-00	ScrapCut 5-50 400V 50Hz 3-phase
9010-10-01	ScrapCut 5-50 230V 50Hz 3-phase

ACCESSORIES

Part number	Type
9018-15-40	Knife, top part
9018-15-41	Knife, bottom part

9104 HOSE CUTTER FOR THERMOPLASTIC HOSES

Part number	Type
9104-01-00	Hose cutter for termoplastic hoses and pneumatic pipes
9104-01-01	Knife for hose cutter



9020-00 SKALMAN



Length: 500 mm
Weight: 4 kg

Part number	Type
9020-00-05	SkalMan, manual skiving machine (excl. tools)

ACCESSORIES

Part number	Type
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Skiving tool external short arm - EST

9022-00-00	Holder to skiving tool + 1 short arm.
9022-00-01	Short arm
9022-00-03	Cutting knife
9022-02-03	Mandrel 3/16"
9022-00-04	Mandrel 1/4"
9022-00-05	Mandrel 5/16"
9022-00-06	Mandrel 3/8"
9022-00-08	Mandrel 1/2"
9022-00-10	Mandrel 5/8"
9022-00-12	Mandrel 3/4"
9022-00-16	Mandrel 1"

9020 MIDISKIVE 5-50B



Length: 410 mm Height: 390 mm
Width: 600 mm Weight: 35 kg

Part number	Type
9020-04-01	MidiSkive 5-50B 400 V/0,37kW 3-phase
9020-04-02	MidiSkive 5-50B 230 V/0,37kW 1-fas
9020-04-04	MidiSkive 5-50B 230 V/0,37kW 3-fas

ACCESSORIES

Part number	Type
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Skiving tool external short arm - EST

9022-00-00	Holder to skiving tool + 1 short arm.
9022-00-01	Short arm
9022-00-03	Cutting knife
9022-02-03	Mandrel 3/16"
9022-00-04	Mandrel 1/4"
9022-00-05	Mandrel 5/16"
9022-00-06	Mandrel 3/8"
9022-00-08	Mandrel 1/2"
9022-00-10	Mandrel 5/8"
9022-00-12	Mandrel 3/4"
9022-00-16	Mandrel 1"

A manual skiving machine for use in a vice. Skalman is suitable for the small workshop and is very easy to handle. It is used together with our skiving tools 9022 – EST.

Skiving tool external long arm - EST

9022-01-00	Holder to skiving tool + 1 long arm.
9022-00-02	Long arm
9022-00-03	Cutting knife
9022-01-20	Mandrel 1 1/4" long
9022-01-24	Mandrel 1 1/2" long
9022-01-32	Mandrel 2" long

Skiving tool internal - IST

9025-01-05	Cutting knife internal 5 mm-3/8"
9025-01-06	Cutting knife internal 6 mm-1/2"
9025-01-08	Cutting knife internal 8 mm-5/8" - 3/4"
9025-01-10	Cutting knife internal 10 mm-1" - 1 1/4"
9025-02-10	Cutting knife internal long 10 mm-1 1/2" - 2"
9025-15-06	Skiving tool internal 3/8"
9025-15-08	Skiving tool internal 1/2"
9025-15-10	Skiving tool internal 5/8"
9025-15-12	Skiving tool internal 3/4"
9025-15-16	Skiving tool internal 1"
9025-15-20	Skiving tool internal 1 1/4"
9025-15-24	Skiving tool internal 1 1/2"
9025-15-32	Skiving tool internal 2"

Skiving tool external/internal - OST See part no. 9025-16

A bench-mounted skiving machine for the medium sized workshop for inner and outer skiving. MidiSkive is easily controlled by either a button or a foot pedal.

Skiving tool external long arm - EST

9022-01-00	Holder to skiving tool + 1 long arm.
9022-00-02	Long arm
9022-00-03	Cutting knife
9022-01-20	Mandrel 1 1/4" long
9022-01-24	Mandrel 1 1/2" long
9022-01-32	Mandrel 2" long

Skiving tool internal - IST

9025-01-05	Cutting knife internal, 5 mm-3/8"
9025-01-06	Cutting knife internal, 6 mm-1/2"
9025-01-08	Cutting knife internal 8 mm-5/8" - 3/4"
9025-01-10	Cutting knife internal 10 mm-1" - 1 1/4"
9025-02-10	Cutting knife internal long 10 mm-1 1/2" - 2"
9025-15-06	Skiving tool internal 3/8"
9025-15-08	Skiving tool internal 1/2"
9025-15-10	Skiving tool internal 5/8"
9025-15-12	Skiving tool internal 3/4"
9025-15-16	Skiving tool internal 1"
9025-15-20	Skiving tool internal 1 1/4"
9025-15-24	Skiving tool internal 1 1/2"
9025-15-32	Skiving tool internal 2"

Skiving tool external/internal - OST See part no. 9025-16

9020 MIDISKIVE 5-50C



Length: 900 mm
 Width: 850 mm
 Height table: 800-950 mm
 Height total: Max 2150 mm
 Weight: 75 kg

A bench skiving machine for the medium sized workshop for inner and outer skiving. MidiSkive is easily controlled by either a button or a foot pedal. It can also be delivered with a workbench and toolholder.

Part number	Type
9020-03-00	MidiSkive 5-50C 400 V/0,37kW 3-phase

ACCESSORIES

Part number	Type
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Skiving tool external short arm - EST

9022-00-00	Holder to skiving tool + 1 short arm.
9022-00-01	Short arm
9022-00-03	Cutting knife
9022-02-03	Mandrel 3/16"
9022-00-04	Mandrel 1/4"
9022-00-05	Mandrel 5/16"
9022-00-06	Mandrel 3/8"
9022-00-08	Mandrel 1/2"
9022-00-10	Mandrel 5/8"
9022-00-12	Mandrel 3/4"
9022-00-16	Mandrel 1"

Skiving tool external long arm - EST

9022-01-00	Holder to skiving tool + 1 long arm.
9022-00-02	Long arm
9022-00-03	Cutting knife
9022-01-20	Mandrel 1 1/4" long
9022-01-24	Mandrel 1 1/2" long
9022-01-32	Mandrel 2" long

Skiving tool internal - IST

9025-01-05	Cutting knife internal 5 mm-3/8"
9025-01-06	Cutting knife internal 6 mm-1/2"
9025-01-08	Cutting knife internal 8 mm-5/8" - 3/4"
9025-01-10	Cutting knife internal 10 mm-1" - 1 1/4"
9025-02-10	Cutting knife internal long 10 mm-1 1/2" - 2"
9025-15-06	Skiving tool internal 3/8"
9025-15-08	Skiving tool internal 1/2"
9025-15-10	Skiving tool internal 5/8"
9025-15-12	Skiving tool internal 3/4"
9025-15-16	Skiving tool internal 1"
9025-15-20	Skiving tool internal 1 1/4"
9025-15-24	Skiving tool internal 1 1/2"
9025-15-32	Skiving tool internal 2"

Skiving tool external/internal - OST See part no. 9025-16

9082 POWERSKIVE 5-50



Length: 1200 mm
 Width: 680 mm
 Height: 1080 mm
 Weight: 132 kg

A semi-automatic skiving machine for inner and outer skiving. With the Push-On-tool, the machine can also assembly hose and fitting. The machine is quick, reliable and easy to use. An unique centering system assures the hose's correct position during the entire skiving and inserting process.

Part number	Type
9082-03-00	PowerSkive 5-50 400V/0,75kW 3-phase 315 rpm
9082-03-01	PowerSkive 5-50 230V/0,75kW 1-phase 700 rpm

ACCESSORIES

Part number	Type
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Skiving tool, external, short arm - EST

9022-00-00	Holder to skiving tool + 1 short arm.
9022-00-01	Short arm
9022-00-03	Cutting knife
9022-02-03	Mandrel 3/16"
9022-00-04	Mandrel 1/4"
9022-00-05	Mandrel 5/16"
9022-00-06	Mandrel 3/8"
9022-00-08	Mandrel 1/2"
9022-00-10	Mandrel 5/8"
9022-00-12	Mandrel 3/4"
9022-00-16	Mandrel 1"

Skiving tool external long arm - EST

9022-01-00	Holder to skiving tool + 1 long arm.
9022-00-02	Long arm
9022-00-03	Cutting steel
9022-01-20	Mandrel 1 1/4" long
9022-01-24	Mandrel 1 1/2" long
9022-01-32	Mandrel 2" long

Skiving tool internal - IST

9025-01-05	Cutting knife internal 5 mm-3/8"
9025-01-06	Cutting knife internal 6 mm-1/2"
9025-01-08	Cutting knife internal 8 mm-5/8" - 3/4"
9025-01-10	Cutting knife internal 10 mm-1" - 1 1/4"
9025-02-10	Cutting knife internal long 10 mm-1 1/2" - 2"
9025-15-06	Skiving tool internal 3/8"
9025-15-08	Skiving tool internal 1/2"
9025-15-10	Skiving tool internal 5/8"
9025-15-12	Skiving tool internal 3/4"
9025-15-16	Skiving tool internal 1"
9025-15-20	Skiving tool internal 1 1/4"
9025-15-24	Skiving tool internal 1 1/2"
9025-15-32	Skiving tool internal 2"

Skiving tool external/internal - OST See part no. 9025-16

9082-02 TWINSKIVE 5-50



Length: 1200 mm
 Width: 680 mm
 Height: 1080 mm
 Weight: 123 kg

A semi-automatic skiving machine for inner and outer skiving. With the Push-On-tool, the machine can also assemble hose and fitting. The machine is quick, reliable and easy to use. An unique centering system assures the hose's correct position during the entire skiving and inserting process.

Part number	Type
9082-02-00	TwinSkive 5-50 400V/2x0,75kW 3-phase, 315 rpm
9082-02-01	TwinSkive 5-50 230V/2x0,75kW 3-phase, 315 rpm

ACCESSORIES

Part number	Type
Skiving tool external short arm - EST	
9022-00-00	Holder to skiving tool + 1 short arm.
9022-00-01	Short arm
9022-00-03	Cutting knife
9022-02-03	Mandrel 3/16"
9022-00-04	Mandrel 1/4"
9022-00-05	Mandrel 5/16"
9022-00-06	Mandrel 3/8"
9022-00-08	Mandrel 1/2"
9022-00-10	Mandrel 5/8"
9022-00-12	Mandrel 3/4"
9022-00-16	Mandrel 1"

Skiving tool external long arm - EST

9022-01-00	Holder to skiving tool + 1 long arm.
9022-00-02	Long arm
9022-00-03	Cutting knife
9022-01-20	Mandrel 1 1/4" long
9022-01-24	Mandrel 1 1/2" long
9022-01-32	Mandrel 2" long

Skiving tool internal - IST

9025-01-05	Cutting knife internal 5 mm-3/8"
9025-01-06	Cutting knife internal 6 mm-1/2"
9025-01-08	Cutting knife internal 8 mm-5/8" - 3/4"
9025-01-10	Cutting knife internal 10 mm-1" - 1 1/4"
9025-02-10	Cutting knife internal long 10 mm-1 1/2" - 2"
9025-15-06	Skiving tool internal 3/8"
9025-15-08	Skiving tool internal 1/2"
9025-15-10	Skiving tool internal 5/8"
9025-15-12	Skiving tool internal 3/4"
9025-15-16	Skiving tool internal 1"
9025-15-20	Skiving tool internal 1 1/4"
9025-15-24	Skiving tool internal 1 1/2"
9025-15-32	Skiving tool internal 2"

Skiving tool external/internal - OST See part no. 9025-16

9022 SKIVING TOOLS - EST



Hydroscand's assortment consists of both inner and outer skiving tools. The external tool, that can be supplied with two cutters, are used for bradied and spiral hoses. The internal tool is mainly used for braided high pressure hoses. Hydroscand can also offer a skiving tool for OneSkive 5-50, which makes simultaneous inner and outer skiving possible.

Part number	Type
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Skiving tool, external, short arm - EST

9022-00-00	Holder to skiving tool + 1 short arm.
9022-00-01	Short arm
9022-00-03	Cutting knife
9022-02-03	Mandrel 3/16"
9022-00-04	Mandrel 1/4"
9022-00-05	Mandrel 5/16"
9022-00-06	Mandrel 3/8"
9022-00-08	Mandrel 1/2"
9022-00-10	Mandrel 5/8"
9022-00-12	Mandrel 3/4"
9022-00-16	Mandrel 1"

Part number	Type
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Skiving tool, external, long arm - EST

9022-01-00	Holder to skiving tool + 1 long arm.
9022-00-02	Long arm
9022-00-03	Cutting knife
9022-01-20	Mandrel 1 1/4" long
9022-01-24	Mandrel 1 1/2" long
9022-01-32	Mandrel 2" long

9025 SKIVING TOOLS - IST



Hydroscand's assortment consists of both inner and outer skiving tools. The external tool, that can be supplied with two cutters, are used for bradied and spiral hoses. The internal tool is mainly used for braided high pressure hoses. Hydroscand can also offer a skiving tool for OneSkive 5-50, which makes simultaneous inner and outer skiving possible

Part number	Type
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9025-01-05	Cutting knife internal 5 mm-3/8"
9025-01-06	Cutting knife internal 6 mm-1/2"
9025-01-08	Cutting knife internal 8 mm-5/8" - 3/4"
9025-01-10	Cutting knife internal 10 mm-1" - 1 1/4"
9025-02-10	Cutting knife internal long 10 mm-1 1/2" - 2"
9025-15-06	Skiving tool internal 3/8"
9025-15-08	Skiving tool internal 1/2"
9025-15-10	Skiving tool internal 5/8"
9025-15-12	Skiving tool internal 3/4"
9025-15-16	Skiving tool internal 1"
9025-15-20	Skiving tool internal 1 1/4"
9025-15-24	Skiving tool, internal 1 1/2"
9025-15-32	Skiving tool internal 2"

9025-16 SKIVING TOOLS - OST



Hydroscand's assortment consists of both inner and outer skiving tools. The external tool, that can be supplied with two cutters, are used for braided and spiral hoses. The internal tool is mainly used for braided high pressure hoses. Hydroscand can also offer a skiving tool for OneSkive 5-50, which makes simultaneous inner and outer skiving possible

Part number	Type
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Skiving tool external/internal - Short arm

9022-00-00	Holder to skiving tool + 1 short arm.
9022-00-01	Short arm
9025-01-08	Cutting knife internal 6 mm-1/2"
9025-01-08	Cutting knife internal 8 mm-5/8" - 3/4"
9025-01-10	Cutting knife internal 10 mm-1" - 1 1/4"
9025-16-08	Mandrel 1/2"
9025-16-10	Mandrel 5/8"
9025-16-12	Mandrel 3/4"
9025-16-16	Mandrel 1"
9025-16-20	Mandrel 1 1/4"
9022-00-03	Cutting knife

Skiving tool external/internal - Long arm

9022-01-00	Holder to skiving tool + 1 long arm.
9022-00-02	Long arm
9025-01-10	Cutting knife internal 10 mm 1"-1 1/4"
9025-02-10	Cutting knife internal 10 mm 1 1/2"-2"
9025-16-16	Mandrel 1"
9025-16-20	Mandrel 1 1/4"
9025-16-24	Mandrel 1 1/2"
9025-16-32	Mandrel 2"
9022-00-03	Cutting knife

9083-03 TWINPUSH 5-50



A semi-automatic machine for easy assembly of hose and fitting. The machine is quick, reliable and easy to handle. A unique centering system assures the hose's correct position during the entire skiving and inserting process. The machine is equipped with two tool holders that make it easier to change between the tool for straight and 45°/90° fittings.

Length: 1200 mm
 Width: 680 mm
 Height: 1080 mm
 Weight: 125 kg

Part number	Type
9083-03-00	TwinPush 5-50, insert machine 230 V 50 Hz 1-phase, excl. tools

9083 PUSH-ON TOOLS



The tool to use for insertion of both straight and 45°/90° fittings into the hose. The Push-On tool is used with AutoSkive 5-50, OneSkive 5-50 and AutoInsert 5-50.

Part number	Type
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Push-On tool for straight fittings

9083-01-03	Push-On tool straight 3/16"
9083-01-04	Push-On tool straight 1/4"
9083-01-05	Push-On tool straight 5/16"
9083-01-06	Push-On tool straight 3/8"
9083-01-08	Push-On tool straight 1/2"
9083-01-10	Push-On tool straight 5/8"
9083-01-12	Push-On tool straight 3/4"
9083-01-16	Push-On tool straight 1"
9083-01-20	Push-On tool straight 1 1/4"
9083-01-24	Push-On tool straight 1 1/2"
9083-01-32	Push-On tool straight 2"

Part number	Type
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Push-On tool for 45° and 90° fittings

9083-02-03	Push-On tool 45°/90° 3/16"
9083-02-04	Push-On tool 45°/90° 1/4"
9083-02-05	Push-On tool 45°/90° 5/16"
9083-02-06	Push-On tool 45°/90° 3/8"
9083-02-08	Push-On tool 45°/90° 1/2"
9083-02-10	Push-On tool 45°/90° 5/8"
9083-02-12	Push-On tool 45°/90° 3/4"
9083-02-16	Push-On tool 45°/90° 1"
9083-02-20	Push-On tool 45°/90° 1 1/4"
9083-02-24	Push-On tool 45°/90° 1 1/2"
9083-02-32	Push-On tool 45°/90° 2"

Part number	Type
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Push-On tool for fittings with plastic washer

9083-03-03	Push-On tool 45°/90° 3/16" PW
9083-03-04	Push-On tool 45°/90° 1/4" PW
9083-03-05	Push-On tool 45°/90° 5/16" PW
9083-03-06	Push-On tool 45°/90° 3/8" PW
9083-03-08	Push-On tool 45°/90° 1/2" PW
9083-03-10	Push-On tool 45°/90° 5/8" PW
9083-03-12	Push-On tool 45°/90° 3/4" PW
9083-03-xx	Push-On tool 45°/90° Special tools as required



9028-00-00 H 16 HP

H 16 HP is a manual, portable crimper with an ergonomic design. The crimper is fast and easy to use. It also has a easy storage of the dies.

Depth: 156 mm
 Width: 500 mm
 Height: 330 mm
 Weight: 29 kg
 Crimping force: 955 Kn

ACCESSORIES

Part number	Type
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Dies

9070-16-10	H 16-10
9070-16-12	H 16-12
9070-16-14	H 16-14
9070-16-16	H 16-16
9070-16-19	H 16-19
9070-16-23	H 16-23
9070-16-27	H 16-27
9070-16-31	H 16-31

Technical data

Crimping range in mm	10-45
Crimping force in kN	955
Maximum hose size in inch	1"
Die Set	H 16
Maximum travel of dies in mm	20
Master die diameter	39
Master die length mm	64
Machine control	Manual
Motor size in kW	700 Bar

9028-00-01 H 16 AP

H 16 AP is our smallest, manual portable crimper with an ergonomic design. The crimper is fast and easy to use. It also has a easy storage of the dies.

Depth: 156 mm
 Width: 500 mm
 Height: 330 mm
 Weight: 31 kg
 Crimping force: 955 Kn

ACCESSORIES

Part number	Type
-------------	------

Dies

9070-16-10	H 16-10
9070-16-12	H 16-12
9070-16-14	H 16-14
9070-16-16	H 16-16
9070-16-19	H 16-19
9070-16-23	H 16-23
9070-16-27	H 16-27
9070-16-31	H 16-31

Technical data

Crimping range in mm	10-45
Crimping force in kN	955
Maximum hose size in inch	1"
Die Set	H 30
Maximum travel of dies in mm	20
Master die diameter	39
Master die length mm	64
Machine control	Manual
Motor size in kW	Air pressure

H 16 P



H16P is equipped with a two meter hose with quick release fittings and as a power source, you can choose from a hand pump or an air pump. When a service needs to be done on site, H16P is the ideal machine as the weight and size has been reduced to a minimum.

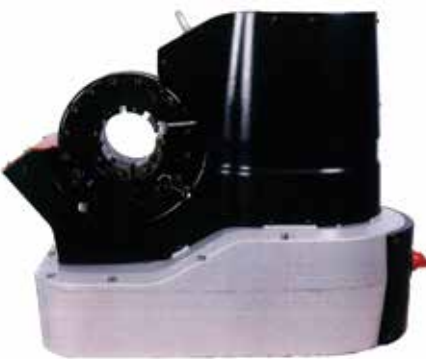
Depth:	180 mm
Width:	230 mm
Height:	270 mm
Weight:	20 kg

ACCESSORIES

Part number	Type
Dies	
9070-16-10	H 16-10
9070-16-12	H 16-12
9070-16-14	H 16-14
9070-16-16	H 16-16
9070-16-19	H 16-19
9070-16-23	H 16-23
9070-16-27	H 16-27
9070-16-31	H 16-31

Technical data	
Crimping range in mm	10-45
Crimping force in kN	955
Maximum hose size in inch	1"
Die Set	H 16
Maximum travel of dies in mm	20
Master die diameter	39
Master die length mm	64
Machine control	Manual
Motor size in kW	700 Bar

9028-00-02 H 24 D AUTOCAL



H 24 D AutoCal is an automatic crimper for fast and easy crimping of hoses. The crimper is equipped with digital control for automatic calibration.

Depth:	400 mm
Width:	800 mm
Height:	530 mm
Weight:	125 kg
Crimping force:	1400 Kn

ACCESSORIES

Part number	Type
Dies	
9063-20-10	H 20-10
9063-20-12	H 20-12
9063-20-14	H 20-14
9063-20-16	H 20-16
9063-20-19	H 20-19
9063-20-23	H 20-23
9063-20-27	H 20-27
9063-20-31	H 20-31
9063-20-36	H 20-36
9063-20-41	H 20-41
9063-20-47	H 20-47
9063-20-54	H 20-54

Technical data	
Crimping range in mm	10-61
Crimping force in kN	1400
Maximum hose size in inch	1 1/2"
Die Set	H 24
Maximum travel of dies in mm	25
Master die diameter	84
Master die length mm	80
Machine control	Digital Control with Auto. cal.
Motor size in kW 1 phase	1,5
Motor size in kW 3 phase	3

9028-00-03 H 32 D AUTOCAL



H 32 D AutoCal is an automatic crimper for fast and easy crimping of hoses. The crimper is equipped with digital control for automatic calibration.

Depth: 400 mm
 Width: 850 mm
 Height: 530 mm
 Weight: 173 kg
 Crimping force: 2000 Kn

ACCESSORIES

Part number	Type
Dies	
9060-32-10	H 32-10
9060-32-12	H 32-12
9060-32-14	H 32-14
9060-32-16	H 32-16
9060-32-19	H 32-19
9060-32-22	H 32-22
9060-32-26	H 32-26
9060-32-30	H 32-30
9060-32-34	H 32-34
9060-32-39	H 32-39
9060-32-45	H 32-45
9060-32-51	H 32-51
9060-32-57	H 32-57
9060-32-63	H 32-63
9060-32-69	H 32-69
9060-32-74	H 32-74
9060-32-78	H 32-78

Technical data	
Crimping range in mm	10-87
Crimping force in kN	2000
Maximum hose size in inch	2"
Die Set	H 32
Maximum travel of dies in mm	33
Master die diameter	99
Master die length mm	80
Machine control	Digital Control with Auto.cal.
Motor size in kW 1 phase	1,5
Motor size in kW 3 phase	4

9028-00-10 H 24 HP



H 24 HP is a manual crimper with a wide range of applications. The press is equipped with a hand pump.

Depth: 400 mm
 Width: 520 mm
 Height: 370 mm
 Weight: 78 kg
 Crimping force: 1400 Kn

ACCESSORIES

Part number	Type
Dies	
9063-20-10	H 24-10
9063-20-12	H 24-12
9063-20-14	H 24-14
9063-20-16	H 24-16
9063-20-19	H 24-19
9063-20-23	H 24-23
9063-20-27	H 24-27
9063-20-31	H 24-31
9063-20-36	H 24-36
9063-20-41	H 24-41
9063-20-47	H 24-47
9063-20-54	H 24-54

Technical data	
Crimping range in mm	10-61
Crimping force in kN	1400
Maximum hose size in inch	1 1/2"
Die Set	H 24
Maximum travel of dies in mm	25
Master die diameter	84
Master die length mm	80
Machine control	Manual
Motor size in kW 1 phase	Hand pump
Motor size in kW 3 phase	Hand pump

9028-00-11 H 24 AP



H 24 AP is a manual crimper with a wide range of applications. The machine is driven by compressed air.

Depth: 400 mm
 Width: 520 mm
 Height: 370 mm
 Weight: 80 kg
 Crimping force: 1400 Kn

ACCESSORIES

Part number	Type
Dies	
9063-20-10	H 24-10
9063-20-12	H 24-12
9063-20-14	H 24-14
9063-20-16	H 24-16
9063-20-19	H 24-19
9063-20-23	H 24-23
9063-20-27	H 24-27
9063-20-31	H 24-31
9063-20-36	H 24-36
9063-20-41	H 24-41
9063-20-47	H 24-47
9063-20-54	H 24-54

Technical data	
Crimping range in mm	10-61
Crimping force in kN	1400
Maximum hose size in inch	1 1/2"
Die Set	H 24
Maximum travel of dies in mm	25
Master die diameter	84
Master die length mm	80
Machine control	Manual
Motor size in kW 1 phase	Air pressure
Motor size in kW 3 phase	Air pressure

9028-00-12/13 H 24 DC 12V/24V



H 24 DC 12V/24V is a battery operated crimper that is excellent for use in vehicles connected to the car battery. This robust crimper can crimp the hose up to 1 1/2 ".

Depth: 400 mm
 Width: 520 mm
 Height: 370 mm
 Weight: 80 kg
 Crimping force: 1400 Kn

ACCESSORIES

Part number	Type
Dies	
9063-20-10	H 24-10
9063-20-12	H 24-12
9063-20-14	H 24-14
9063-20-16	H 24-16
9063-20-19	H 24-19
9063-20-23	H 24-23
9063-20-27	H 24-27
9063-20-31	H 24-31
9063-20-36	H 24-36
9063-20-41	H 24-41
9063-20-47	H 24-47
9063-20-54	H 24-54

Technical data	
Crimping range in mm	10-61
Crimping force in kN	1400
Maximum hose size in inch	1 1/2"
Die Set	H 24
Maximum travel of dies in mm	25
Master die diameter	84
Master die length mm	80
Machine control	Micrometer Screw
Motor size in kW	1,6 kW / 2,2 kW

9028-00-15/16 H 32 DC 12V/24V



H 32 DC 12V/24V is a very versatile crimper available in; 12V/16,6 kW or 24V/2,2 kW.

Depth: 420 mm
 Depth: 540 mm
 Height: 400 mm
 Weight: 115 kg
 Crimping force: 2000 Kn

ACCESSORIES

Part number	Type
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Pressbackar

9060-32-10	H 32-10
9060-32-12	H 32-12
9060-32-14	H 32-14
9060-32-16	H 32-16
9060-32-19	H 32-19
9060-32-22	H 32-22
9060-32-26	H 32-26
9060-32-30	H 32-30
9060-32-34	H 32-34
9060-32-39	H 32-39
9060-32-45	H 32-45
9060-32-51	H 32-51
9060-32-57	H 32-57
9060-32-63	H 32-63
9060-32-69	H 32-69
9060-32-74	H 32-74
9060-32-78	H 32-78

Technical data	
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Crimping range in mm	10-87
Crimping force in kN	2000
Maximum hose size in inch	2"
Die Set	H 32
Maximum travel of dies in mm	33
Master die diameter	99
Master die length mm	80
Machine control	Micrometer Screw
Motor size in kW 1 phase	1,6
Motor size in kW 3 phase	2,2

9028-00-18 H120TS



H 20 TS is a powerful crimper with touch screen, automatic ferrule control and automatic calibration. This press gives you more opportunities and it's the right choice for hose production in workshops.

Depth: 800 mm
 Bredd: 920 mm
 Height: 1500 mm
 Crimping force: 2800 Kn

ACCESSORIES

Part number	Type
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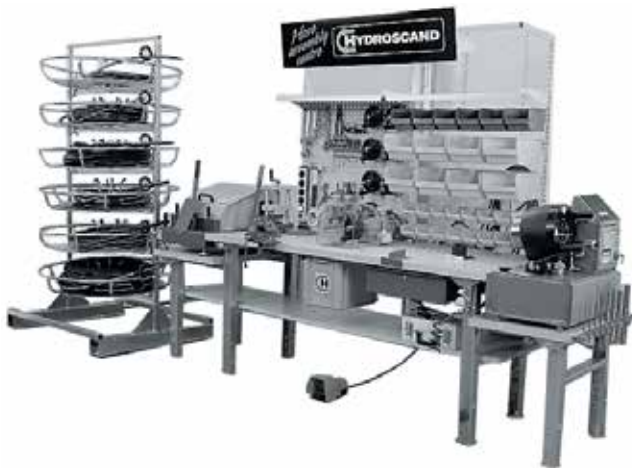
Dies

9060-32-10	H 32-10
9060-32-12	H 32-12
9060-32-14	H 32-14
9060-32-16	H 32-16
9060-32-19	H 32-19
9060-32-22	H 32-22
9060-32-26	H 32-26
9060-32-30	H 32-30
9060-32-34	H 32-34
9060-32-39	H 32-39
9060-32-45	H 32-45
9060-32-51	H 32-51
9060-32-57	H 32-57
9060-32-63	H 32-63
9060-32-69	H 32-69
9060-32-74	H 32-74
9060-32-78	H 32-78

Technical data	
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Crimping range in mm	10-87
Crimping force in kN	2800
Maximum hose size in inch	2"
Die Set	H 32
Maximum travel of dies in mm	70
Master die diameter	99
Master die length mm	97
Machine control	Advanced Touch Screen Control
Motor size in kW	5,5

9081 HAC P20/P32 COMPLETE WORKBENCH



A workbench for all needs. The Hose Assembly Centre, the complete hose assembling workshop, is equipped with everything needed for a safe and professional hose assembly. It can be delivered with hose reel, cutting machine, skiving machine, swage marking machine, cleaning equipment and necessary accessories.

Part number Type

9081-20-00 HAC P20MS complete workbench
Assembly equipment for 1/4"- 1 1/4" 4200-series consist of:
 Hose reel (HoseReel 7), cutting machine (MidiCut 5-50), marking system (MarkMan II), skiving machine (MidiSkive 5-50), crimper (P20 MS) with 11 pcs. of dies and a stand, blow cleaning (MicroJet 5-50), cleaning set for hoses (MiniJet, complete) and a workbench.

Part number Type

9081-32-00 HAC P32MS complete workbench
Assembly equipment for 1/4"- 2" 4200- and 4400-series consist of:
 Hose reel (HoseReel 7), cutting machine (MaxiCut 5-50), marking system (MarkMan II), skiving machine (MidiSkive 5-50), crimper (P32 MS) with 15 pcs. of dies, QC-stand, blow cleaning (MicroJet 5-50), cleaning set for hoses (E-Cleaner, complete) and a workbench.

9070 DIES FOR H 16



Part number Type

- 9070-16-06 Dies no. 1 P 16-06
- 9070-16-07 Dies no. 1 P 16-07
- 9070-16-10 Dies no. 1 P 16-10
- 9070-16-12 Dies no. 2 P 16-12
- 9070-16-14 Dies no. 3 P 16-14
- 9070-16-16 Dies no. 4 P 16-16
- 9070-16-19 Dies no. 5 P 16-19
- 9070-16-23 Dies no. 6 P 16-23
- 9070-16-27 Dies no. 7 P 16-27
- 9070-16-31 Dies no. 8 P 16-31

9063 DIES FOR H 20



Part number Type

- 9063-20-06 Dies no. 1 P 20-06
- 9063-20-07 Dies no. 1 P 20-07
- 9063-20-10 Dies no. 1 P 20-10
- 9063-20-12 Dies no. 2 P 20-12
- 9063-20-14 Dies no. 3 P 20-14
- 9063-20-16 Dies no. 4 P 20-16
- 9063-20-19 Dies no. 5 P 20-19
- 9063-20-23 Dies no. 7 P 20-27
- 9063-20-31 Dies no. 8 P 20-31
- 9063-20-36 Dies no. 9 P 20-36
- 9063-20-41 Dies no. 10 P 20-41
- 9063-20-47 Dies no. 11 P 20-47
- 9063-20-54 Dies no. 12 P 20-54

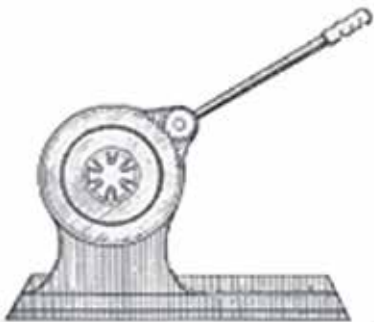


9060 DIES FOR H 32



Part number	Type
9060-32-071	Dies no. 1 P 32-7,1
9060-32-10	Dies no. 1 P 32-10
9060-32-12	Dies no. 2 P 32-12
9060-32-14	Dies no. 3 P 32-14
9060-32-16	Dies no. 4 P 32-16
9060-32-19	Dies no. 5 P 32-19
9060-32-22	Dies no. 6 P 32-22
9060-32-26	Dies no. 7 P 32-26
9060-32-30	Dies no. 8 P 32-30
9060-32-34	Dies no. 9 P 32-34
9060-32-39	Dies no. 10 P 32-39
9060-32-45	Dies no. 11 P 32-45
9060-32-51	Dies no. 12 P 32-51
9060-32-57	Dies no. 13 P 32-57
9060-32-63	Dies no. 14 P 32-63
9060-32-69	Dies no. 15 P 32-69
9060-32-74	Dies no. 16 P 32-74
9060-32-78	Dies no. 17 P 32-78

9025-02 PRESSMAN 9-28



A manual swaging tool mounted in a vice. PressMan is very easy to handle and is suitable for low pressure hoses.

Length:	1300 mm
Width:	350 mm
Height:	630 mm
Weight:	17 kg

Part number	Type
9025-02-01	PressMan 9-28, swaging tool for low pressure hose 9-28 mm

9063 DIES FOR P 20/32



Part number	Type
9063-20-18T	AC Dies P 20-18,2
9063-20-21T	AC Dies P 20-21,4
9063-20-23T	AC Dies P 20-23,6
9060-32-18T	AC Dies P 32-18,2
9060-32-21T	AC Dies P 32-21,4
9060-32-23T	AC Dies P 32-23,6

9004 HOSEREEL 1



HoseReel 1	
Length:	1200 mm
Width:	1200 mm
Height:	830 mm
Weight:	40 kg

Part number	Type
9004-00-03	HoseReel 1, hose reel

9004 HOSEREEL 6 / HOSEREEL 7

Hose reel for six or seven hoses. HoseReel 6 and 7 saves a lot of time since it keeps the most common hoses available. HoseReel 6 or 7 can be used for hoses of dimensions from 3/16" - 1 1/4". All baskets (except the bottom one) can be swung outward horizontally in order to easily put the hose in place.

Part number	Type
9004-00-08	HoseReel 6, hose reel
9004-01-21	Wheel kit for HoseReel 6
9004-00-07	HoseReel 7, hose reel
9004-01-21	Wheel kit for HoseReel 7



HoseReel 6

Length: 1170 mm
 Width: 1000 mm
 Height: 2000 mm
 Weight: 140 kg
 ID: 250 mm
 OD: 900 mm



HoseReel 7

Length: 1270 mm
 Width: 1000 mm
 Height: 2230 mm
 Weight: 148 kg
 ID: 250 mm
 OD: 1010 mm

9004 AUTOREEL V / AUTOREEL H

Motorized hose reels with step-less speed control for easy hose reeling. Ideal for long hoses. Can be combined with HoseReel 1 for simplified handling.

AutoReel V is suitable for hoses of dimension 1/8" to 1 1/4".
 AutoReel H is suitable for hoses of dimension 1/8" to 2".



AutoReel V



AutoReel H

AutoReel V

Length: 1200 mm
 Width: 600 mm
 Height: 1400 mm
 Weight: 75 kg
 ID adjustable: 250-800 mm

AutoReel H

Length: 1200 mm
 Width: 1200 mm
 Height: 830 mm
 Weight: 65 kg
 ID adjustable: 150-500 mm

Part number	Type
9004-02-03	AutoReel V, hose reel 230V 50Hz 3-phase
9004-01-03	AutoReel H, hose reel 230V 50Hz 3-phase



9013/14/15 SWAGING MANDRELS



In order to control that the swaging has resulted in the correct internal collapse, use Hydroscaud's swaging mandrels. The GO-side should pass through the fitting to ensure that the swaging is not overdone, while the STOP-side should stop in the middle of the tail to insure that the swaging is sufficient.

Part number	Hose dim.	Type
9013-00-04	1/4"	Swaging mandrels IL/4400-series
9013-00-06	3/8"	Swaging mandrels IL/4400-series
9013-00-08	1/2"	Swaging mandrels IL/4400-series
9013-00-10	5/8"	Swaging mandrels IL/4400-series
9013-00-12	3/4"	Swaging mandrels IL/4400-series
9013-00-16	1"	Swaging mandrels IL/4400-series
9013-00-20	1 1/4"	Swaging mandrels IL/4400-series
9013-00-24	1 1/2"	Swaging mandrels IL/4400-series
9013-00-32	2"	Swaging mandrels IL/4400-series

Part number	Hose dim.	Type
9015-03-05	3/16"-5/16"	Swaging mandrels 4200-series
9015-00-04	1/4"	Swaging mandrels 4200-series
9015-00-06	3/8"	Swaging mandrels 4200-series
9015-00-08	1/2"	Swaging mandrels 4200-series
9015-00-10	5/8"	Swaging mandrels 4200-series
9015-00-12	3/4"	Swaging mandrels 4200-series
9015-00-16	1"	Swaging mandrels 4200-series
9015-00-20	1 1/4"	Swaging mandrels 4200-series
9015-00-24	1 1/2"	Swaging mandrels 4200-series
9015-00-32	2"	Swaging mandrels 4200-series

9031 MARKMAN II MARKING MACHINE



9031-10-02

9031-10-01

Manual or pneumatic machine for marking ferrules (before swaging). The marking machine can be used on all hose ferrules with dimensions from 3/16" up to 2". The type holder can be provided with 2 or 3 text rows, alternatively with a complete 8-digit marking wheel.

	9031-10-01	9031-10-02
Length:	500 mm	500 mm
Width:	200 mm	380 mm
Height:	500 mm	500 mm
Weight:	28 kg	35 kg

Part number	Type
9031-10-01	MarkMan II-M, manual marking machine excl. types/holders
9031-10-02	MarkMan II-P, pneumatic marking machine excl. types/QC-adapter

ACCESSORIES

Part number	Type
9031-10-03	Type holder 2 (2 rows, 4 mm)
9031-10-04	Type holder 3 (3 rows, 4 mm)
9031-11-03	Type holder 2 (2 rows, 3 mm)
9031-11-04	Type holder 3 (3 rows, 3 mm)
9031-10-07	Type holder special (2-3 rows, special) according to customer's request
9031-10-05	QC-adapter for type holder HSAM 4
9031-00-04	Case kit 4 mm with types, suitable for 9031-10-03/04
9031-12-04	Case kit 3 mm with types, suitable for 9031-11-03/04
9031-00-06	Marking wheel AM 4-8 wheels
9031-10-06	QC-adapter for marking wheel AM 4-8 wheels

9031 AUTOFEED 15-80

AutoFeed 15-80 is a PLC-controlled automatic marking system for ferrules, suitable for ferrules from 15 mm to 80 mm OD. Using this will radically reduce your marking time. This system can only be used in combination with our pneumatic version of MarkMan 5-50 M/P (see technical specification, MarkMan 5-50 M/P).

Length: 600 mm
Width: 1300 mm
Height: 900 mm
Weight: 50 kg

Part number	Type
9031-10-10	AutoFeed 15-80

9035 E-CLEANER MINI



For quick and simple cleaning of all sorts of hoses and pipes. The system uses a foam rubber plug which is pushed with compressed air through the hose/the pipe. Nozzles are available for hoses with dimensions from 3/16" to 1", and for pipes with dimensions from 6 mm to 30 mm. Purity class ISO 20117.



Part number	Type
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E-Cleaner mini

9035-00-00	E-Cleaner mini 4030 complete case with 9 optional hose nozzles
9035-00-01	E-Cleaner mini 4060 complete case with 9 optional hose nozzles

Nozzles, hoses

9035-02-03	E-Cleaner mini hose nozzle 3/16"
9035-02-04	E-Cleaner mini hose nozzle 1/4"
9035-02-05	E-Cleaner mini hose nozzle 5/16"
9035-02-06	E-Cleaner mini hose nozzle 3/8"
9035-02-08	E-Cleaner mini hose nozzle 1/2"
9035-02-10	E-Cleaner mini hose nozzle 5/8"
9035-02-12	E-Cleaner mini hose nozzle 3/4"
9035-02-16	E-Cleaner mini hose nozzle 1"

**Nozzles, pipes**

9035-06-03	E-Cleaner mini pipe nozzle 6x1,5
9035-06-04	E-Cleaner mini pipe nozzle 6x1
9035-08-05	E-Cleaner mini pipe nozzle 8x1,5
9035-10-05	E-Cleaner mini pipe nozzle 10x2,5
9035-10-07	E-Cleaner mini pipe nozzle 10x1,5
9035-12-06	E-Cleaner mini pipe nozzle 12x3
9035-12-08	E-Cleaner mini pipe nozzle 12x2
9035-12-09	E-Cleaner mini pipe nozzle 12x1,5
9035-14-09	E-Cleaner mini pipe nozzle 14x2,5
9035-15-11	E-Cleaner mini pipe nozzle 15x2
9035-15-12	E-Cleaner mini pipe nozzle 15x1,5
9035-16-10	E-Cleaner mini pipe nozzle 16x3
9035-16-12	E-Cleaner mini pipe nozzle 16x2
9035-18-14	E-Cleaner mini pipe nozzle 18x2
9035-18-15	E-Cleaner mini pipe nozzle 18x1,5
9035-20-12	E-Cleaner mini pipe nozzle 20x4
9035-20-14	E-Cleaner mini pipe nozzle 20x3
9035-20-16	E-Cleaner mini pipe nozzle 20x2
9035-22-16	E-Cleaner mini pipe nozzle 22x3
9035-22-18	E-Cleaner mini pipe nozzle 22x2
9035-22-19	E-Cleaner mini pipe nozzle 22x1,5
9035-25-15	E-Cleaner mini pipe nozzle 25x5
9035-25-19	E-Cleaner mini pipe nozzle 25x3
9035-28-22	E-Cleaner mini pipe nozzle 28x3
9035-28-24	E-Cleaner mini pipe nozzle 28x2
9035-30-20	E-Cleaner mini pipe nozzle 30x5
9035-30-24	E-Cleaner mini pipe nozzle 30x3
9035-xx-xx	E-Cleaner pipe nozzle. mini, special dimension



9033 E-CLEANER MAXI



For quick and simple cleaning of all sorts of hoses and pipes. The system uses a foam rubber plug which is pushed with compressed air through the hose/the pipe. Nozzles are available for hoses with dimensions from 3/16" to 2", and for pipes with dimensions from 4 mm to 60 mm. Purity class ISO 20117.

Part number	Type
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E-Cleaner maxi

9033-00-00	E-Cleaner maxi 2030 complete case with 9 optional hose nozzles
9033-00-01	E-Cleaner maxi 2010 pistol excl. nozzle
9033-00-25	Table stand 2050
9034-00-00	E-Cleaner maxi 2060 complete case with 11 optional pipe nozzles

Nozzles, hoses

9033-02-03	E-Cleaner maxi hose nozzle 3/16"
9033-02-04	E-Cleaner maxi hose nozzle 1/4"
9033-02-05	E-Cleaner maxi hose nozzle 5/16"
9033-02-06	E-Cleaner maxi hose nozzle 3/8"
9033-02-08	E-Cleaner maxi hose nozzle 1/2"
9033-02-10	E-Cleaner maxi hose nozzle 5/8"
9033-02-12	E-Cleaner maxi hose nozzle 3/4"
9033-02-16	E-Cleaner maxi hose nozzle 1"
9033-02-20	E-Cleaner maxi hose nozzle 1 1/4"
9033-02-24	E-Cleaner maxi hose nozzle 1 1/2"
9033-02-32	E-Cleaner maxi hose nozzle 2"

Nozzles, pipes

9033-03-00	E-Cleaner 3000 Adapter ring for pipe nozzles up to 38 mm.
9034-04-03	E-Cleaner maxi pipe nozzle 4x0,75 special
9034-05-03	E-Cleaner maxi pipe nozzle 5x1
9034-06-02	E-Cleaner maxi pipe nozzle 6x2
9034-06-03	E-Cleaner maxi pipe nozzle 6x1,5
9034-06-04	E-Cleaner maxi pipe nozzle 6x1
9034-08-05	E-Cleaner maxi pipe nozzle 8x1,5
9034-08-06	E-Cleaner maxi pipe nozzle 8x2,5
9034-10-05	E-Cleaner maxi pipe nozzle 10x2,5
9034-10-07	E-Cleaner maxi pipe nozzle 10x1,5
9034-12-06	E-Cleaner maxi pipe nozzle 12x3
9034-12-08	E-Cleaner maxi pipe nozzle 12x2
9034-12-09	E-Cleaner maxi pipe nozzle 12x1,5
9034-14-07	E-Cleaner maxi pipe nozzle 14x3,5
9034-14-09	E-Cleaner maxi pipe nozzle 14x2,5
9034-15-11	E-Cleaner maxi pipe nozzle 15x2
9034-16-10	E-Cleaner maxi pipe nozzle 16x3
9034-16-12	E-Cleaner maxi pipe nozzle 16x2
9034-18-13	E-Cleaner maxi pipe nozzle 18x2,5
9034-18-14	E-Cleaner maxi pipe nozzle 18x2
9034-18-15	E-Cleaner maxi pipe nozzle 18x1,5
9034-20-12	E-Cleaner maxi pipe nozzle 20x4
9034-20-14	E-Cleaner maxi pipe nozzle 20x3
9034-22-16	E-Cleaner maxi pipe nozzle 22x3
9034-22-18	E-Cleaner maxi pipe nozzle 22x2
9034-25-15	E-Cleaner maxi pipe nozzle 25x5
9034-25-19	E-Cleaner maxi pipe nozzle 25x3
9034-28-18	E-Cleaner maxi pipe nozzle 28x5
9034-28-22	E-Cleaner maxi pipe nozzle 28x3
9034-28-24	E-Cleaner maxi pipe nozzle 28x2
9034-30-20	E-Cleaner maxi pipe nozzle 30x5
9034-30-24	E-Cleaner maxi pipe nozzle 30x3
9034-35-29	E-Cleaner maxi pipe nozzle 35x3
9034-35-31	E-Cleaner maxi pipe nozzle 35x2

9034-38-28	E-Cleaner maxi pipe nozzle 38x5
9034-38-30	E-Cleaner maxi pipe nozzle 38x4
9034-38-32	E-Cleaner maxi pipe nozzle 38x3
9034-42-34	E-Cleaner maxi pipe nozzle 42x4
9034-42-36	E-Cleaner maxi pipe nozzle 42x3
9034-42-38	E-Cleaner maxi pipe nozzle 42x2
9034-50-38	E-Cleaner maxi pipe nozzle 50x6
9034-50-40	E-Cleaner maxi pipe nozzle 50x5
9034-50-44	E-Cleaner maxi pipe nozzle 50x3
9034-60-50	E-Cleaner maxi pipe nozzle 60x50
9034-xx-xx	E-Cleaner maxi pipe nozzle, special max. 60 mm.



9034 E-CLEANER COBRA



Cobra hose set



Cobra pipe set



Pistol



Part number	Type
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E-Cleaner system Cobra

9034-90-00 E-Cleaner Cobra, semi-automatic pistol
for 3/16" - 2"

Nozzles, hoses

9034-90-03 E-Cleaner Cobra hose nozzle 3/16"
9034-90-04 E-Cleaner Cobra hose nozzle 1/4"
9034-90-05 E-Cleaner Cobra hose nozzle 5/16"
9034-90-06 E-Cleaner Cobra hose nozzle 3/8"
9034-90-08 E-Cleaner Cobra hose nozzle 1/2"
9034-90-10 E-Cleaner Cobra hose nozzle 5/8"
9034-90-12 E-Cleaner Cobra hose nozzle 3/4"
9034-90-16 E-Cleaner Cobra hose nozzle 1"
9034-90-20 E-Cleaner Cobra hose nozzle 1 1/4"
9034-90-24 E-Cleaner Cobra hose nozzle 1 1/2"
9034-90-32 E-Cleaner Cobra hose nozzle 2"

E-Cleaner system 2000 SA

9034-92-00 E-Cleaner 2000 SA, semi-automatic
machine for 3/16" - 2"

Nozzles, hoses

9033-02-03 E-Cleaner 2000 SA hose nozzle 3/16"
9033-02-04 E-Cleaner 2000 SA hose nozzle 1/4"
9033-02-05 E-Cleaner 2000 SA hose nozzle 5/16"
9033-02-06 E-Cleaner 2000 SA hose nozzle 3/8"
9033-02-08 E-Cleaner 2000 SA hose nozzle 1/2"
9033-02-10 E-Cleaner 2000 SA hose nozzle 5/8"
9033-02-12 E-Cleaner 2000 SA hose nozzle 3/4"
9033-02-16 E-Cleaner 2000 SA hose nozzle 1"
9033-02-20 E-Cleaner 2000 SA hose nozzle 1 1/4"
9033-02-24 E-Cleaner 2000 SA hose nozzle 1 1/2"
9033-02-32 E-Cleaner 2000 SA hose nozzle 2"

E-Cleaner system BIG BANG for pipes

9034-94-00 E-Cleaner system BIG BANG for
2 1/2" - 6" pipes
pipe nozzles on request

Nozzles, pipes

9036-06-03 Cobra pipe nozzle 6x1,5
9036-06-04 Cobra pipe nozzle 6x1
9036-08-05 Cobra pipe nozzle 8x1,5
9036-08-06 Cobra pipe nozzle 8x1
9036-10-05 Cobra pipe nozzle 10x2,5
9036-10-06 Cobra pipe nozzle 10x2
9036-10-07 Cobra pipe nozzle 10x1,5
9036-10-08 Cobra pipe nozzle 10x1
9036-12-06 Cobra pipe nozzle 12x3
9036-12-08 Cobra pipe nozzle 12x2
9036-12-09 Cobra pipe nozzle 12x1,5
9036-14-09 Cobra pipe nozzle 14x2,5

9036-14-10 Cobra pipe nozzle 14x2
9036-15-09 Cobra pipe nozzle 15x3
9036-15-11 Cobra pipe nozzle 15x2
9036-15-12 Cobra pipe nozzle 15x1,5
9036-15-13 Cobra pipe nozzle 15x1
9036-16-10 Cobra pipe nozzle 16x3
9036-16-11 Cobra pipe nozzle 16x2,5
9036-16-12 Cobra pipe nozzle 16x2
9036-16-13 Cobra pipe nozzle 16x1,5
9036-18-12 Cobra pipe nozzle 18x3
9036-18-14 Cobra pipe nozzle 18x2
9036-18-15 Cobra pipe nozzle 18x1,5
9036-20-12 Cobra pipe nozzle 20x4
9036-20-14 Cobra pipe nozzle 20x3
9036-20-15 Cobra pipe nozzle 20x2,5
9036-20-16 Cobra pipe nozzle 20x2
9036-20-18 Cobra pipe nozzle 20x1
9036-22-16 Cobra pipe nozzle 22x3
9036-22-18 Cobra pipe nozzle 22x2
9036-22-19 Cobra pipe nozzle 22x1,5
9036-25-15 Cobra pipe nozzle 25x5
9036-25-17 Cobra pipe nozzle 25x4
9036-25-19 Cobra pipe nozzle 25x3
9036-25-20 Cobra pipe nozzle 25x2,5
9036-25-22 Cobra pipe nozzle 25x1,5
9036-28-22 Cobra pipe nozzle 28x3
9036-28-24 Cobra pipe nozzle 28x2
9036-30-20 Cobra pipe nozzle 30x5
9036-30-22 Cobra pipe nozzle 30x4
9036-30-24 Cobra pipe nozzle 30x3
9036-30-25 Cobra pipe nozzle 30x2,5
9036-30-26 Cobra pipe nozzle 30x2
9036-35-25 Cobra pipe nozzle 35x5
9036-35-27 Cobra pipe nozzle 35x4
9036-35-29 Cobra pipe nozzle 35x3
9036-35-30 Cobra pipe nozzle 35x2,5
9036-35-31 Cobra pipe nozzle 35x2
9036-38-26 Cobra pipe nozzle 38x6
9036-38-28 Cobra pipe nozzle 38x5
9036-38-30 Cobra pipe nozzle 38x4
9036-38-32 Cobra pipe nozzle 38x3
9036-38-33 Cobra pipe nozzle 38x2,5
9036-42-32 Cobra pipe nozzle 42x5
9036-42-34 Cobra pipe nozzle 42x4
9036-42-36 Cobra pipe nozzle 42x3
9036-42-38 Cobra pipe nozzle 42x2
9036-50-38 Cobra pipe nozzle 50x6
9036-50-40 Cobra pipe nozzle 50x5
9036-50-44 Cobra pipe nozzle 50x3
9036-60-50 Cobra pipe nozzle 60x5
9036-60-54 Cobra pipe nozzle 60x3

9032 E-CLEANER PLUGS



Part number	Type	Dim.	Pack.
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Plug, hoses

9032-02-03	E-Cleaner plug for hose dim.	3/16"	300
9032-02-04	E-Cleaner plug for hose dim.	1/4"	300
9032-02-05	E-Cleaner plug for hose dim.	5/16"	300
9032-02-06	E-Cleaner plug for hose dim.	3/8"	300
9032-02-08	E-Cleaner plug for hose dim.	1/2"	300
9032-02-10	E-Cleaner plug for hose dim.	5/8"	100
9032-02-12	E-Cleaner plug for hose dim.	3/4"	100
9032-02-16	E-Cleaner plug for hose dim.	1"	100
9032-02-20	E-Cleaner plug for hose dim.	1 1/4"	50
9032-02-24	E-Cleaner plug for hose dim.	1 1/2"	50
9032-02-32	E-Cleaner plug for hose dim.	2"	50

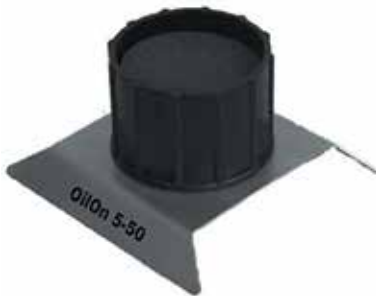
Plug, pipes

9032-01-04	E-Cleaner plug for pipes int. dim.	3mm	300
9032-01-05	E-Cleaner plug for pipes int. dim.	4mm	300
9032-01-07	E-Cleaner plug for pipes int. dim.	5mm	300
9032-01-08	E-Cleaner plug for pipes int. dim.	6mm	300
9032-01-09	E-Cleaner plug for pipes int. dim.	7mm	300
9032-01-10	E-Cleaner plug for pipes int. dim.	8mm	300
9032-01-12	E-Cleaner plug for pipes int. dim.	9mm	300
9032-01-14	E-Cleaner plug for pipes int. dim.	10-11mm	300
9032-01-16	E-Cleaner plug for pipes int. dim.	12mm	300
9032-01-18	E-Cleaner plug for pipes int. dim.	13-14mm	300
9032-01-20	E-Cleaner plug for pipes int. dim.	15mm	300
9032-01-22	E-Cleaner plug for pipes int. dim.	16-17mm	100
9032-01-25	E-Cleaner plug for pipes int. dim.	18mm	100
9032-01-26	E-Cleaner plug for pipes int. dim.	19mm	100
9032-01-28	E-Cleaner plug for pipes int. dim.	20-21mm	100
9032-01-30	E-Cleaner plug for pipes int. dim.	22-23mm	100
9032-01-33	E-Cleaner plug for pipes int. dim.	24-25mm	100
9032-01-35	E-Cleaner plug for pipes int. dim.	26-27mm	50
9032-01-38	E-Cleaner plug for pipes int. dim.	28mm	50
9032-01-40	E-Cleaner plug for pipes int. dim.	29-31mm	50
9032-01-45	E-Cleaner plug for pipes int. dim.	32-35mm	50
9032-01-48	E-Cleaner plug for pipes int. dim.	34-37mm	50
9032-01-50	E-Cleaner plug for pipes int. dim.	36-40mm	50
9032-01-55	E-Cleaner plug for pipes int. dim.	41-45mm	50
9032-01-60	E-Cleaner plug for pipes int. dim.	46-50mm	50
9032-01-65	E-Cleaner plug for pipes int. dim.	51-55mm	50
9032-01-70	E-Cleaner plug for pipes int. dim.	55-60 mm	25
9032-01-80	E-Cleaner plug for pipes int. dim.	66-70 mm	25
9032-01-85	E-Cleaner plug for pipes int. dim.	71-75 mm	25
9032-01-90	E-Cleaner plug for pipes int. dim.	76-80 mm	10
9032-01-95	E-Cleaner plug for pipes int. dim.	81-84 mm	10
9032-01-100	E-Cleaner plug for pipes int. dim.	85-87 mm	10

9087 MAXICLEAN 5-32

A PLC controlled cleaning machine for pipes and hoses with dimensions from 3/16" to 1 1/4". The machine is extremely easy to use. The hose or the pipe is cleaned with a water-based fluid in a temperature between +55°C - +70°C in order to achieve a pureness level equivalent to ISO 16/12.

Part number	Type
9087-00-00	MaxiClean 5-32, PLC controlled cleaning machine for 1 hose/pipe at a time
9087-02-00	MaxiClean 5-32, PLC controlled cleaning machine for 2 hoses/pipes at a time

9081 OILON 5-50

A perfect tool for lubrication of hose fittings before assembly.

Length:	170 mm
Width:	170 mm
Height:	70 mm
Weight:	0,2 kg

Part number	Type
9081-01-14	OilOn 5-50 steel/plastic

9036 MICROJET 5-50

A quick and simple system using compressed air to clean your hose/tube, from 3/16" to 2".

Length:	120 mm
Width:	50 mm
Height:	100 mm
Weight:	0,3 kg
Connection:	R 1/2" F

Part number	Type
9036-01-00	MicroJet 5-50 complete
9036-00-01	Spare nozzle ø30mm
9036-00-02	Spare nozzle ø55mm

9023 TWINCUT



A tool for easy separation of twin hoses.

Part number	Type
9023-00-04	TwinCut for 1/4" hose
9023-00-05	TwinCut for 5/16" hose
9023-00-06	TwinCut for 3/8" hose
9023-00-08	TwinCut for 1/2" hose

9017 PINPRICKING



A compact pricking tool for pricking gas hoses.

Length: 170 mm
 Width: 160 mm
 Height: 410 mm
 Weight: 12 kg

Part number	Type
9017-00-00	PinPricking tool

9078 US-FL/01 PRE-ASSEMBLY MACHINE/JIC MACHINE 230V/400V



Hydroscand has a complete range of JIC machines.

Length: 430 mm
 Width: 600 mm
 Height: 270 mm
 Weight: 58 kg

Part number	Type
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US-FL/01 Pre-assembly machine/JIC machine

9078-77-00	US-FL/01 400V 50Hz 3-phase, excl. tools
9078-77-03	US-FL/01 230V 50Hz 1-phase, excl. tools

ACCESSORIES

Part number	Type
-------------	------

9078-77-01	Tool JIC 37°	9078-77-06	24° pre-assembly tool 6L mm
9078-77-06D	JIC 37° dies kit 6 mm	9078-77-06S	24° pre-assembly tool 6S mm
9078-77-08D	JIC 37° dies kit 8 mm	9078-77-08	24° pre-assembly tool 8L mm
9078-77-10D	JIC 37° dies kit 10 mm	9078-77-08S	24° pre-assembly tool 8S mm
9078-77-12D	JIC 37° dies kit 12 mm	9078-77-10	24° pre-assembly tool 10L mm
9078-77-14D	JIC 37° dies kit 14 mm	9078-77-10S	24° pre-assembly tool 10S mm
9078-77-15D	JIC 37° dies kit 15 mm	9078-77-12	24° pre-assembly tool 12L mm
9078-77-16D	JIC 37° dies kit 16 mm	9078-77-12S	24° pre-assembly tool 12S mm
9078-77-18D	JIC 37° dies kit 18 mm	9078-77-14	24° pre-assembly tool 14 mm
9078-77-20D	JIC 37° dies kit 20 mm	9078-77-15	24° pre-assembly tool 15 mm
9078-77-22D	JIC 37° dies kit 22 mm	9078-77-16	24° pre-assembly tool 16 mm
9078-77-25D	JIC 37° dies kit 25 mm	9078-77-18	24° pre-assembly tool 18 mm
9078-77-28D	JIC 37° dies kit 28 mm	9078-77-20	24° pre-assembly tool 20 mm
9078-77-30D	JIC 37° dies kit 30 mm	9078-77-22	24° pre-assembly tool 22 mm
9078-77-35D	JIC 37° dies kit 35 mm	9078-77-25	24° pre-assembly tool 25 mm
9078-77-38D	JIC 37° dies kit 38 mm	9078-77-28	24° pre-assembly tool 28 mm
9078-77-42D	JIC 37° dies kit 42 mm	9078-77-30	24° pre-assembly tool 30 mm
9078-78-06	24° U-holder 6mm	9078-77-35	24° pre-assembly tool 35 mm
9078-78-08	24° U-holder 8 mm	9078-77-38	24° pre-assembly tool 38 mm
9078-78-10	24° U-holder 10 mm	9078-77-42	24° pre-assembly tool 42 mm
9078-78-12	24° U-holder 12 mm		
9078-78-14	24° U-holder 14 mm		
9078-78-15	24° U-holder 15 mm		
9078-78-16	24° U-holder 16 mm		
9078-78-18	24° U-holder 18 mm		
9078-78-20	24° U-holder 20 mm		
9078-78-22	24° U-holder 22 mm		
9078-78-25	24° U-holder 25 mm		
9078-78-28	24° U-holder 28 mm		
9078-78-30	24° U-holder 30 mm		
9078-78-35	24° U-holder 35 mm		
9078-78-38	24° U-holder 38 mm		
9078-78-42	24° U-holder 42 mm		

9040 MEGA BENDER VS76



Part number	Type
9040-01-30	Mega Bender 030 pipe bending machine max capacity 70 x 4 mm 230V 1-phase 50Hz
9040-01-32	Mega Bender 030 pipe bending machine max capacity 70 x 4 mm 380V 3-phase 50Hz

9040 TOP BENDER 050/TB60



Part number	Type
9040-01-50	Top Bender 050 pipe bending machine max capacity 60 x 4 mm 380V 50Hz 3-phase
9040-01-63	Top Bender TB60 pipe bending machine max capacity 60 x 4 m 380V 50Hz 3-phase

9040 SUPER BENDER 060A/SB48



Part number	Type
9040-01-60	Super Bender 060A pipe bending machine max capacity 50 x 4 mm 380V 50Hz 3-phase
9040-01-48	Super Bender SB48 pipe bending machine max capacity 50 x 4 mm 380V 50Hz 3-phase

9040 MEDIBENDER MB 42

Part number	Type
9040-01-44	Medibender MB 42 pipe bending machine

9040 MEDI BENDER 070

Part number	Type
9040-01-70	Medi Bender 070 pipe bending machine max capacity 35 x 3 mm 230V 50Hz 3-phase

9040 MINI BENDER 092

Part number	Type
9040-01-92	Mini Bender 092 pipe bending machine max capacity 28 x 1,5 mm 230V 50Hz 3-phase

9102 MIDIBEND 6-18

Part number	Type
9102-00-00	MidiBend pipe bending machine "B" manual

Comes with steel former part for 6 - 18 mm

9086 C42

Part number	Type
9086-00-01	C42 pipe bending machine 230V 50Hz 1-phase max capacity 6x2 - 42x4

Length:	680 mm
Width:	880 mm
Height:	910 mm
Weight:	100 kg

9004 MEASURE MAN 5-50



MeasureMan 5-50 is a measuring machine for hoses from 3/16" to 2". The machine automatically adjusts to the hose size and centers during use. The measuring device is used in combination with our hose reels HoseReel 1, HoseReel 7, AutoReel H and AutoReel V.

Hose capacity: 1/8" - 2"

Width: 600 mm

Height: 360 mm

Weight: 8,5 kg

Stand dimension

Adjustable height: 570-950 mm

Weight: 17,0 kg

ACCESSORIES

Part number	Type
9004-00-04	MeasureMan

Part number	Type
9004-00-06	Stand for MeasureMan 5-50

9041 STEEL FORMER PART



Steel former part for MegaBender, TopBender, SuperBender, Medibender and MiniBender.

r=bend radius, e.g. r36 is equivalent to a bend radius of 36 mm

Part number	Type		
9041-36-05	Steel former parts r36 for 5 mm pipes	9041-10-25	Steel former parts r100 for 25 mm pipes
9041-36-06	Steel former parts r36 for 6 mm pipes	9041-10-26	Steel former parts r100 for 26 mm pipes
9041-36-08	Steel former parts r36 for 8 mm pipes	9041-10-28	Steel former parts r100 for 28 mm pipes
9041-36-10	Steel former parts r36 for 10 mm pipes	9041-10-30	Steel former parts r100 for 30 mm pipes
9041-36-12	Steel former parts r36 for 12 mm pipes	9041-10-32	Steel former parts r100 for 32 mm pipes
9041-36-13	Steel former parts r36 for 13 mm pipes	9041-10-35	Steel former parts r100 for 35 mm pipes
9041-36-14	Steel former parts r36 for 14 mm pipes	9041-10-40	Steel former parts r100 for 40 mm pipes
9041-36-15	Steel former parts r36 for 15 mm pipes	9041-10-42	Steel former parts r100 for 42 mm pipes
9041-36-16	Steel former parts r36 for 16 mm pipes	9041-10-45	Steel former parts r100 for 45 mm pipes
9041-36-18	Steel former parts r36 for 18 mm pipes	9041-10-48	Steel former parts r100 for 48 mm pipes
9041-36-19	Steel former parts r36 for 19 mm pipes		
		9041-11-28	Steel former parts r110 for 28 mm pipes
9041-46-14	Steel former parts r46 for 14 mm pipes	9041-11-30	Steel former parts r110 for 30 mm pipes
9041-46-15	Steel former parts r46 for 15 mm pipes	9041-11-32	Steel former parts r110 for 32 mm pipes
9041-46-16	Steel former parts r46 for 16 mm pipes	9041-11-35	Steel former parts r110 for 35 mm pipes
9041-46-18	Steel former parts r46 for 18 mm pipes	9041-11-38	Steel former parts r110 for 38 mm pipes
9041-46-19	Steel former parts r46 for 19 mm pipes	9041-11-40	Steel former parts r110 for 40 mm pipes
9041-46-20	Steel former parts r46 for 20 mm pipes	9041-11-42	Steel former parts r110 for 42 mm pipes
9041-46-22	Steel former parts r46 for 22 mm pipes		
		9041-12-50	Steel former parts r120 for 50 mm pipes
9041-56-18	Steel former parts r56 for 18 mm pipes	9041-12-55	Steel former parts r120 for 55 mm pipes
9041-56-19	Steel former parts r56 for 19 mm pipes		
9041-56-20	Steel former parts r56 for 20 mm pipes	9041-13-38	Steel former parts r130 for 38 mm pipes
9041-56-22	Steel former parts r56 for 22 mm pipes	9041-13-40	Steel former parts r130 for 40 mm pipes
9041-56-24	Steel former parts r56 for 24 mm pipes	9041-13-42	Steel former parts r130 for 42 mm pipes
9041-56-25	Steel former parts r56 for 25 mm pipes	9041-13-45	Steel former parts r130 for 45 mm pipes
9041-56-26	Steel former parts r56 for 26 mm pipes	9041-13-48	Steel former parts r130 for 48 mm pipes
9041-56-28	Steel former parts r56 for 28 mm pipes	9041-13-50	Steel former parts r130 for 50 mm pipes
		9041-13-55	Steel former parts r130 for 55 mm pipes
9041-67-18	Steel former parts r67 for 18 mm pipes	9041-13-60	Steel former parts r130 for 60 mm pipes
9041-67-19	Steel former parts r67 for 19 mm pipes		
9041-67-20	Steel former parts r67 for 20 mm pipes	9041-15-38	Steel former parts r150 for 38 mm pipes
9041-67-22	Steel former parts r67 for 22 mm pipes	9041-15-40	Steel former parts r150 for 40 mm pipes
9041-67-24	Steel former parts r67 for 24 mm pipes	9041-15-42	Steel former parts r150 for 42 mm pipes
9041-67-25	Steel former parts r67 for 25 mm pipes	9041-15-45	Steel former parts r150 for 45 mm pipes
9041-67-26	Steel former parts r67 for 26 mm pipes	9041-15-48	Steel former parts r150 for 48 mm pipes
9041-67-28	Steel former parts r67 for 28 mm pipes	9041-15-50	Steel former parts r150 for 50 mm pipes
9041-67-30	Steel former parts r67 for 30 mm pipes	9041-15-55	Steel former parts r150 for 55 mm pipes
9041-67-32	Steel former parts r67 for 32 mm pipes	9041-15-60	Steel former parts r150 for 60 mm pipes
9041-82-24	Steel former parts r82 for 24 mm pipes	9041-17-38	Steel former parts r170 for 38 mm pipes
9041-82-25	Steel former parts r82 for 25 mm pipes	9041-17-40	Steel former parts r170 for 40 mm pipes
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9041-82-30	Steel former parts r82 for 30 mm pipes	9041-17-48	Steel former parts r170 for 48 mm pipes
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9041-90-40	Steel former parts r90 for 40 mm pipes	9041-19-48	Steel former parts r190 for 48 mm pipes
9041-90-42	Steel former parts r90 for 42 mm pipes	9041-19-50	Steel former parts r190 for 50 mm pipes
		9041-19-55	Steel former parts r190 for 55 mm pipes
		9041-19-60	Steel former parts r190 for 60 mm pipes



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**STAINLESS STEEL
COMPONENTS**

10

STAINLESS STEEL COMPONENTS

Hydroscand can offer stainless steel fluid connectors for hydraulics and pneumatics in corrosive environments and aggressive media.

Material according to SS 2343/AISI/316.

Hydroscands stainless steel connectors are designed for stainless steel environments i.e. chemical industry, marine industry, food and beverage industry.

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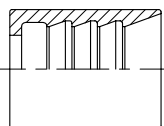
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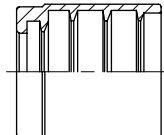
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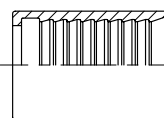
4200-01-S
Ferrule EN1SN 2SC
 Skive/non skive
 Stainless steel AISI 316
 PRODUCT GROUP 380

Part number	Use with	Hose ID
4200-01-03-S	EN1SN, 2SC	3/16"
4200-01-04-S	EN1SN, 2SC	1/4"
4200-01-05-S	EN1SN, 2SC	5/16"
4200-01-06-S	EN1SN, 2SC	3/8"
4200-01-08-S	EN1SN, 2SC	1/2"
4200-01-10-S	EN1SN, 2SC	5/8"
4200-01-12-S	EN1SN, 2SC	3/4"
4200-01-16-S	EN1SN, 2SC	1"
4200-01-20-S	EN1SN, 2SC	1 1/4"
4200-01-24-S	EN1SN, 2SC	1 1/2"
4200-01-32-S	EN1SN, 2SC	2"



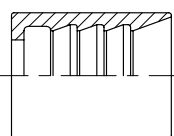
4200-07-S
Ferrule EN1SC
 Non skive
 Stainless steel AISI 316
 PRODUCT GROUP 380

Part number	Use with	Hose ID
4200-07-04-S	EN1SC	1/4"
4200-07-05-S	EN1SC	5/16"
4200-07-06-S	EN1SC	3/8"
4200-07-08-S	EN1SC	1/2"



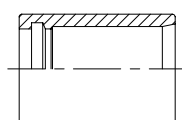
4200-15-S
Ferrule R7 / R8
 Skive/non skive
 Stainless steel AISI 316
 PRODUCT GROUP 380

Part number	Use with	Hose ID
4200-15-03-S	R7/R8	3/16"
4200-15-04-S	R7/R8	1/4"
4200-15-05-S	R7/R8	5/16"
4200-15-06-S	R7/R8	3/8"
4200-15-08-S	R7/R8	1/2"
4200-15-10-S	R7/R8	5/8"
4200-15-12-S	R7/R8	3/4"
4200-15-16-S	R7/R8	1"



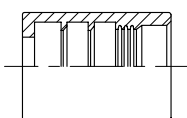
4200-02-S
Ferrule EN2SN
 Skive
 Stainless steel AISI 316
 PRODUCT GROUP 380

Part number	Use with	Hose ID
4200-02-03-S	EN2SN	3/16"
4200-02-04-S	EN2SN	1/4"
4200-02-05-S	EN2SN	5/16"
4200-02-06-S	EN2SN	3/8"
4200-02-08-S	EN2SN	1/2"
4200-02-10-S	EN2SN	5/8"
4200-02-12-S	EN2SN	3/4"
4200-02-16-S	EN2SN	1"
4200-02-20-S	EN2SN	1 1/4"
4200-02-24-S	EN2SN	1 1/2"
4200-02-32-S	EN2SN	2"



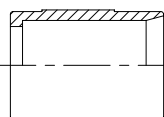
4200-26-S
Ferrule P.T.F.E / TEFLON smooth
 Skive/non skive
 Stainless steel AISI 316
 PRODUCT GROUP 380

Part number	Use with	Hose ID
4200-26-03-S	P.T.F.E	3/16"
4200-26-04-S	P.T.F.E	1/4"
4200-26-05-S	P.T.F.E	5/16"
4200-26-06-S	P.T.F.E	3/8"
4200-26-08-S	P.T.F.E	1/2"
4200-26-10-S	P.T.F.E	5/8"
4200-26-12-S	P.T.F.E	3/4"
4200-26-16-S	P.T.F.E	1"



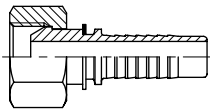
4200-04-S
Ferrule EN2SN
 Non skive
 Stainless steel AISI 316
 PRODUCT GROUP 380

Part number	Use with	Hose ID
4200-04-03-S	EN2SN	3/16"
4200-04-04-S	EN2SN	1/4"
4200-04-06-S	EN2SN	3/8"
4200-04-08-S	EN2SN	1/2"
4200-04-10-S	EN2SN	5/8"
4200-04-12-S	EN2SN	3/4"
4200-04-16-S	EN2SN	1"
4200-04-20-S	EN2SN	1 1/4"
4200-04-24-S	EN2SN	1 1/2"
4200-04-32-S	EN2SN	2"



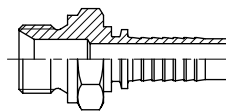
4200-30-S
Ferrule P.T.F.E / TEFLON
 Skive/non skive
 Stainless steel AISI 316
 PRODUCT GROUP 380

Part number	Use with	Hose ID
4200-30-04-S	P.T.F.E, wrapped	1/4"
4200-30-06-S	P.T.F.E, wrapped	3/8"
4200-30-08-S	P.T.F.E, wrapped	1/2"
4200-30-10-S	P.T.F.E, wrapped	5/8"
4200-30-12-S	P.T.F.E, wrapped	3/4"
4200-30-16-S	P.T.F.E, wrapped	1"
4200-30-20-S	P.T.F.E, wrapped	1 1/4"
4200-30-24-S	P.T.F.E, wrapped	1 1/2"
4200-30-32-S	P.T.F.E, wrapped	2"



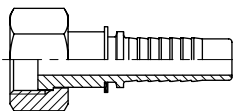
4201~2S
BSP
 Straight female
 60° cone sealing
 Stainless steel AISI 316
 PRODUCT GROUP 380

Part number	Thread	Type	Hose ID
4201-02-03-2S	G 1/8"	FS	3/16"
4201-02-04-2S	G 1/8"	FS	1/4"
4201-04-03-2S	G 1/4"	FS	3/16"
4201-04-04-2S	G 1/4"	FS	1/4"
4201-04-05-S	G 1/4"	FS	5/16"
4201-04-06-S	G 1/4"	FS	3/8"
4201-06-04-2S	G 3/8"	FS	1/4"
4201-06-05-S	G 3/8"	FS	5/16"
4201-06-06-2S	G 3/8"	FS	3/8"
4201-06-08-2S	G 3/8"	FS	1/2"
4201-08-04-2S	G 1/2"	FS	1/4"
4201-08-06-2S	G 1/2"	FS	3/8"
4201-08-08-2S	G 1/2"	FS	1/2"
4201-08-10-S	G 1/2"	FS	5/8"
4201-08-12-2S	G 1/2"	FS	3/4"
4201-10-10-S	G 5/8"	FS	5/8"
4201-12-04-2S	G 3/4"	FS	1/4"
4201-12-08-2S	G 3/4"	FS	1/2"
4201-12-10-2S	G 3/4"	FS	5/8"
4201-12-12-S	G 3/4"	FS	3/4"
4201-12-16-S	G 3/4"	FS	1"
4201-16-12-2S	G 1"	FS	3/4"
4201-16-16-S	G 1"	FS	1"
4201-20-20-2S	G 1 1/4"	FS	1 1/4"
4201-24-20-2S	G 1 1/2"	FS	1 1/4"
4201-24-24-S	G 1 1/2"	FS	1 1/2"
4201-32-32-2S	G 2"	FS	2"



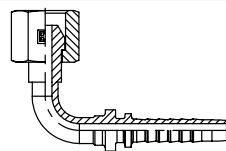
4202~S
BSP
 Straight male
 60° cone sealing
 Stainless steel AISI 316
 PRODUCT GROUP 380

Part number	Thread	Type	Hose ID
4202-02-03S	G 1/8"	M	3/16"
4202-02-04S	G 1/8"	M	1/4"
4202-04-03S	G 1/4"	M	3/16"
4202-04-04S	G 1/4"	M	1/4"
4202-04-05S	G 1/4"	M	5/16"
4202-04-06S	G 1/4"	M	3/8"
4202-06-04S	G 3/8"	M	1/4"
4202-06-05S	G 3/8"	M	5/16"
4202-06-06S	G 3/8"	M	3/8"
4202-06-08S	G 3/8"	M	1/2"
4202-08-06S	G 1/2"	M	3/8"
4202-08-08S	G 1/2"	M	1/2"
4202-08-12S	G 1/2"	M	3/4"
4202-10-10S	G 5/8"	M	5/8"
4202-12-10S	G 3/4"	M	5/8"
4202-12-12S	G 3/4"	M	3/4"
4202-16-12S	G 1"	M	3/4"
4202-16-16S	G 1"	M	1"
4202-20-20S	G 1 1/4"	M	1 1/4"
4202-24-24S	G 1 1/2"	M	1 1/2"
4202-32-32S	G 2"	M	2"



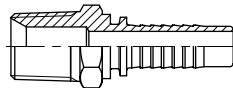
4209~2S
BSP
 Straight female
 Flat face sealing
 Stainless steel AISI 316
 PRODUCT GROUP 380

Part number	Thread	Type	Hose ID
4209-06-06-2S	G 3/8"	FF FS	3/8"
4209-06-08-2S	G 3/8"	FF FS	1/2"
4209-08-06-2S	G 1/2"	FF FS	3/8"
4209-08-08-2S	G 1/2"	FF FS	1/2"
4209-12-12-2S	G 3/4"	FF FS	3/4"
4209-16-16-2S	G 1"	FF FS	1"
4209-20-20-2S	G 1 1/4"	FF FS	1 1/4"



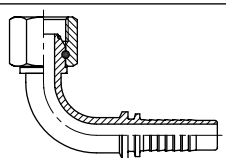
4203~2S
BSP
 90° bend female
 60° cone sealing
 Stainless steel AISI 316
 PRODUCT GROUP 380

Part number	Thread	Type	Hose ID
4203-04-04-2S	G 1/4"	90° FS	1/4"
4203-06-04-2S	G 3/8"	90° FS	1/4"
4203-06-06-2S	G 3/8"	90° FS	3/8"
4203-08-06-2S	G 1/2"	90° FS	3/8"
4203-08-08-2S	G 1/2"	90° FS	1/2"
4203-08-10-S	G 1/2"	90° FS	5/8"
4203-10-10-S	G 5/8"	90° FS	5/8"
4203-12-10-S	G 3/4"	90° FS	5/8"
4203-12-12-S	G 3/4"	90° FS	3/4"
4203-16-12-S	G 1"	90° FS	3/4"
4203-16-16-S	G 1"	90° FS	1"
4203-20-20-2S	G 1 1/4"	90° FS	1 1/4"
4203-24-24-S	G 1 1/2"	90° FS	1 1/2"
4203-32-32-2S	G 2"	90° FS	2"



4239~S
BSPT
 Straight male
 Coned thread sealing
 Stainless steel AISI 316
 PRODUCT GROUP 380

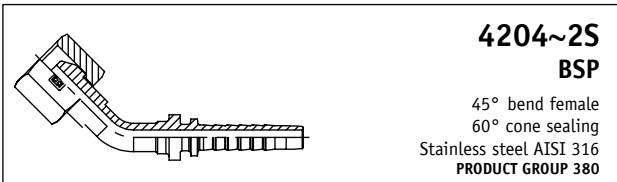
Part number	Thread	Type	Hose ID
4239-02-03-S	R 1/8"	M	3/16"
4239-02-04-S	R 1/8"	M	1/4"
4239-04-03-S	R 1/4"	M	3/16"
4239-04-04-S	R 1/4"	M	1/4"
4239-06-06-S	R 3/8"	M	3/8"
4239-06-08-S	R 3/8"	M	1/2"



4313~1S
BSP
 90° bend female
 60° cone sealing with O-ring
 Stainless steel AISI 316
 PRODUCT GROUP 380

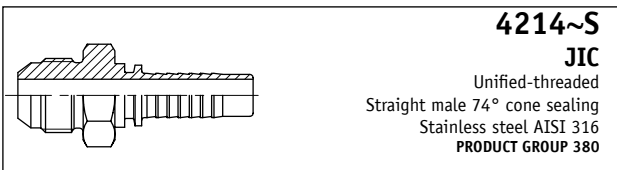
Part number	Thread	Type	Hose ID
4313-04-04-S	G 1/4"	O 90° FS	1/4"





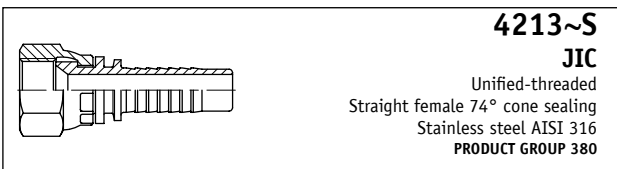
4204~2S
BSP
45° bend female
60° cone sealing
Stainless steel AISI 316
PRODUCT GROUP 380

Part number	Thread	Type	Hose ID
4204-04-04-2S	G 1/4"	45° FS	1/4"
4204-06-06-2S	G 3/8"	45° FS	3/8"
4204-08-08-2S	G 1/2"	45° FS	1/2"
4204-12-12-S	G 3/4"	45° FS	3/4"
4204-16-16-S	G 1"	45° FS	1"
4204-20-20-2S	G 1 1/4"	45° FS	1 1/4"
4204-24-24-S	G 1 1/2"	45° FS	1 1/2"
4204-32-32-2S	G 2"	45° FS	2"



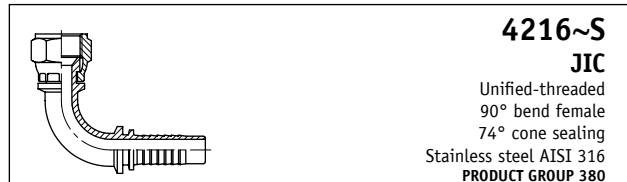
4214~S
JIC
Unified-threaded
Straight male 74° cone sealing
Stainless steel AISI 316
PRODUCT GROUP 380

Part number	Thread	Type	Hose ID
4214-07-03-S	7/16"-20 UNF	JIC M	3/16"
4214-07-04-S	7/16"-20 UNF	JIC M	1/4"
4214-08-03-S	1/2"-20 UNF	JIC M	3/16"
4214-08-04-S	1/2"-20 UNF	JIC M	1/4"
4214-09-06-S	9-16"-18 UNF	JIC M	3/8"
4214-12-06-S	3/4"-16 UNF	JIC M	3/8"
4214-12-08-S	3/4"-16 UNF	JIC M	1/2"
4214-14-08-S	7/8"-14 UNF	JIC M	1/2"
4214-17-10-S	1 1/16"-12 UN	JIC M	5/8"
4214-17-12-S	1 1/16"-12 UN	JIC M	3/4"
4214-21-12-S	1 5/16"-12 UN	JIC M	3/4"
4214-21-16-S	1 5/16"-12 UN	JIC M	1"
4214-30-20-S	1 7/8"-12 UN	JIC M	1 1/4"



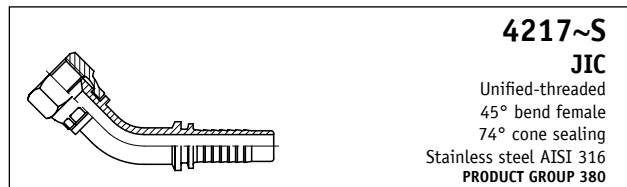
4213~S
JIC
Unified-threaded
Straight female 74° cone sealing
Stainless steel AISI 316
PRODUCT GROUP 380

Part number	Thread	Type	Hose ID
4213-07-03-S	7/16"-20 UNF	JIC FS	3/16"
4213-07-04-S	7/16"-20 UNF	JIC FS	1/4"
4213-08-03-S	1/2"-20 UNF	JIC FS	3/16"
4213-08-04-S	1/2"-20 UNF	JIC FS	1/4"
4213-08-05-S	1/2"-20 UNF	JIC FS	5/16"
4213-09-04-S	9/16"-18 UNF	JIC FS	1/4"
4213-09-06-S	9/16"-18 UNF	JIC FS	3/8"
4213-09-08-S	9/16"-18 UNF	JIC FS	1/2"
4213-12-06-S	3/4"-16 UNF	JIC FS	3/8"
4213-12-08-S	3/4"-16 UNF	JIC FS	1/2"
4213-14-06-S	7/8"-14 UNF	JIC FS	3/8"
4213-14-08-S	7/8"-14 UNF	JIC FS	1/2"
4213-14-10-S	7/8"-14 UNF	JIC FS	5/8"
4213-17-10-S	1 1/16"-12 UN	JIC FS	5/8"
4213-17-12-S	1 1/16"-12 UN	JIC FS	3/4"
4213-21-16-S	1 5/16"-12 UN	JIC FS	1"
4213-26-16-S	1 5/8"-12 UN	JIC FS	1"
4213-26-20-S	1 5/8"-12 UN	JIC FS	1 1/4"
4213-30-20-S	1 7/8"-12 UN	JIC FS	1 1/4"
4213-30-24-S	1 7/8"-12 UN	JIC FS	1 1/2"



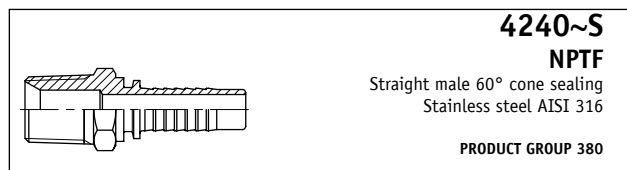
4216~S
JIC
Unified-threaded
90° bend female
74° cone sealing
Stainless steel AISI 316
PRODUCT GROUP 380

Part number	Thread	Type	Hose ID
4216-07-04-S	7/16"-20 UNF	JIC 90° FS	1/4"
4216-08-04-S	1/2"-20 UNF	JIC 90° FS	1/4"
4216-09-04-S	9/16"-18 UNF	JIC 90° FS	1/4"
4216-09-06-S	9/16"-18 UNF	JIC 90° FS	3/8"
4216-12-06-S	3/4"-16 UNF	JIC 90° FS	3/8"
4216-12-08-S	3/4"-16 UNF	JIC 90° FS	1/2"
4216-14-08-S	7/8"-14 UNF	JIC 90° FS	1/2"
4216-14-10-S	7/8"-14 UNF	JIC 90° FS	5/8"
4216-17-10-S	1 1/16"-12 UN	JIC 90° FS	5/8"
4216-17-12-S	1 1/16"-12 UN	JIC 90° FS	3/4"
4216-21-12-S	1 5/16"-12 UN	JIC 90° FS	3/4"
4216-21-16-S	1 5/16"-12 UN	JIC 90° FS	1"
4216-26-20-S	1 5/8"-12 UN	JIC 90° FS	1 1/4"
4216-30-24-S	1 7/8"-12 UN	JIC 90° FS	1 1/2"



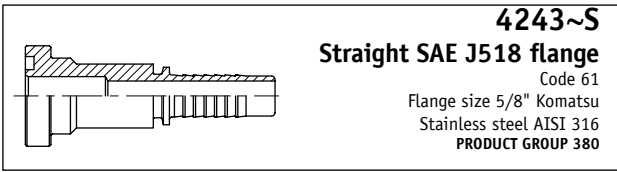
4217~S
JIC
Unified-threaded
45° bend female
74° cone sealing
Stainless steel AISI 316
PRODUCT GROUP 380

Part number	Thread	Type	Hose ID
4217-07-04-S	7/16"-20 UNF	JIC 45° FS	1/4"
4217-08-04-S	1/2"-20 UNF	JIC 45° FS	1/4"
4217-09-04-S	9/16"-18 UNF	JIC 45° FS	1/4"
4217-09-06-S	9/16"-16 UNF	JIC 45° FS	3/8"
4217-12-06-S	3/4"-16 UNF	JIC 45° FS	3/8"
4217-12-08-S	3/4"-16 UNF	JIC 45° FS	1/2"
4217-12-12-S	3/4"-16 UNF	JIC 45° FS	3/4"
4217-14-08-S	7/8"-14 UNF	JIC 45° FS	1/2"
4217-17-12-S	1 1/16"-12 UN	JIC 45° FS	3/4"
4217-21-16-S	1 5/16"-12 UN	JIC 45° FS	1"
4217-26-20-S	1 5/8"-12 UN	JIC 45° FS	1 1/4"



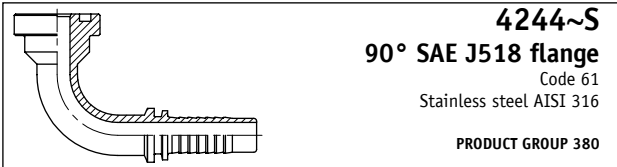
4240~S
NPTF
Straight male 60° cone sealing
Stainless steel AISI 316
PRODUCT GROUP 380

Part number	Thread	Type	Hose ID
4240-02-03-S	1/8"-27 NPTF	M	3/16"
4240-02-04-S	1/8"-27 NPTF	M	1/4"
4240-04-03-S	1/4"-18 NPTF	M	3/16"
4240-04-04-S	1/4"-18 NPTF	M	1/4"
4240-06-06-S	3/8"-18 NPTF	M	3/8"
4240-08-08-S	1/2"-14 NPTF	M	1/2"
4240-12-12-S	3/4"-14 NPTF	M	3/4"
4240-12-16-S	3/4"-14 NPTF	M	1"
4240-16-16-S	1"-11 1/2 NPTF	M	1"
4240-24-24-S	1 1/2"-11 1/2 NPTF	M	1 1/2"



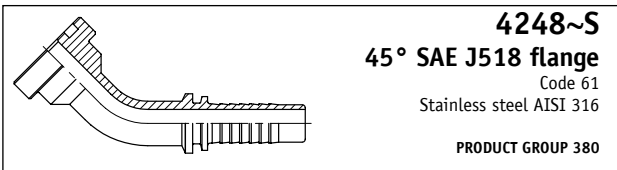
4243~S
Straight SAE J518 flange
 Code 61
 Flange size 5/8" Komatsu
 Stainless steel AISI 316
 PRODUCT GROUP 380

Part number	Flange size	Type	Hose ID
4243-16-16-S	1"	SAE3	1"
4243-20-20-S	1 1/4"	SAE3	1 1/4"
4243-24-24-S	1 1/2"	SAE3	1 1/2"
4243-32-24-S	2"	SAE3	1 1/2"
4243-32-32-S	2"	SAE3	2"
4243-40-40-S	2 1/2"	SAE3	2 1/2"
4243-48-48-S	3"	SAE3	3"



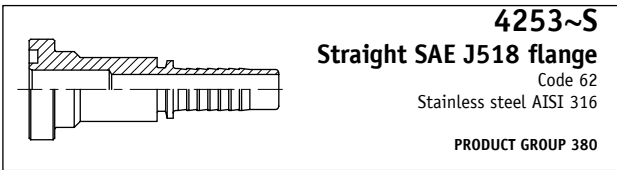
4244~S
90° SAE J518 flange
 Code 61
 Stainless steel AISI 316
 PRODUCT GROUP 380

Part number	Flange size	Type	Hose ID
4244-12-12-S	3/4"	SAE3 90°	3/4"
4244-16-16-S	1"	SAE3 90°	1"
4244-20-16-S	1 1/4"	SAE3 90°	1"
4244-20-20-S	1 1/4"	SAE3 90°	1 1/4"
4244-24-24-S	1 1/2"	SAE3 90°	1 1/2"
4244-32-32-S	2"	SAE3 90°	2"
4244-40-40-S	2 1/2"	SAE3 90°	2 1/2"



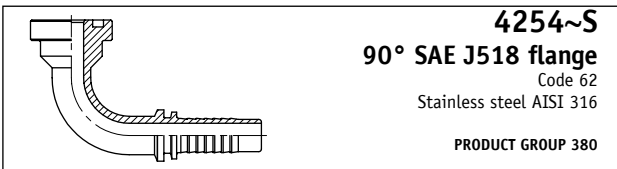
4248~S
45° SAE J518 flange
 Code 61
 Stainless steel AISI 316
 PRODUCT GROUP 380

Part number	Flange size	Type	Hose ID
4248-32-32S	2"	SAE3 45°	2"



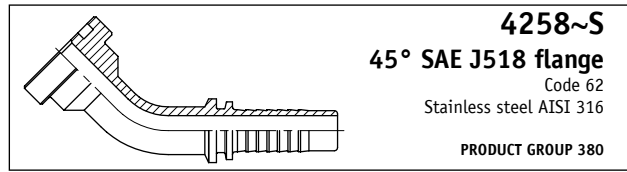
4253~S
Straight SAE J518 flange
 Code 62
 Stainless steel AISI 316
 PRODUCT GROUP 380

Part number	Flange size	Type	Hose ID
4253-16-16-S	1"	SAE6	1"
4253-20-20-S	1 1/4"	SAE6	1 1/4"



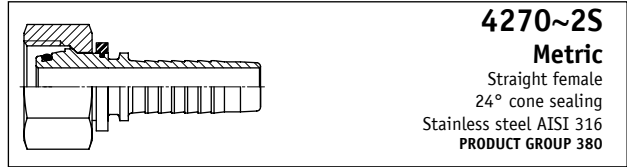
4254~S
90° SAE J518 flange
 Code 62
 Stainless steel AISI 316
 PRODUCT GROUP 380

Part number	Flange size	Type	Hose ID
4254-08-08-S	1/2"	SAE6 90°	1/2"
4254-20-20-S	1 1/4"	SAE6 90°	1 1/4"



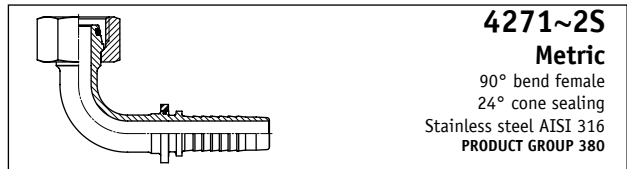
4258~S
45° SAE J518 flange
 Code 62
 Stainless steel AISI 316
 PRODUCT GROUP 380

Part number	Flange size	Type	Hose ID
4258-16-16-S	1"	SAE6 45°	1"



4270~2S
Metric
 Straight female
 24° cone sealing
 Stainless steel AISI 316
 PRODUCT GROUP 380

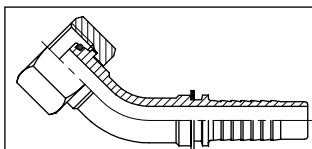
Part number	Thread	Pipe	Type	Hose ID
4270-06-03-2S	M 12 x 1.5	6 mm	DKLO	3/16"
4270-06-04-2S	M 12 x 1.5	6 mm	DKLO	1/4"
4270-08-03-2S	M 14 x 1.5	8 mm	DKLO	3/16"
4270-08-04-2S	M 14 x 1.5	8 mm	DKLO	1/4"
4270-08-06-2S	M 16 x 1,5	8 mm	DKLO	3/8"
4270-10-04-2S	M 16 x 1.5	10 mm	DKLO	1/4"
4270-10-05-2S	M 16 x 1.5	10 mm	DKLO	5/16"
4270-10-06-2S	M 16 x 1.5	10 mm	DKLO	3/8"
4270-12-04-2S	M 18 x 1.5	12 mm	DKLO	1/4"
4270-12-06-2S	M 18 x 1.5	12 mm	DKLO	3/8"
4270-12-08-2S	M 18 x 1.5	12 mm	DKLO	1/2"
4270-15-06-2S	M 22 x 1.5	15 mm	DKLO	3/8"
4270-15-08-2S	M 22 x 1.5	15 mm	DKLO	1/2"
4270-18-08-2S	M 26 x 1.5	18 mm	DKLO	1/2"
4270-18-10-2S	M 26 x 1.5	18 mm	DKLO	5/8"
4270-22-10-2S	M 30 x 2.0	22 mm	DKLO	5/8"
4270-22-12-2S	M 30 x 2.0	22 mm	DKLO	3/4"
4270-28-16-2S	M 36 x 2.0	28 mm	DKLO	1"
4270-35-16-2S	M 45 x 2,0	35 mm	DKLO	1"
4270-35-20-2S	M 45 x 2.0	35 mm	DKLO	1 1/4"
4270-42-24-2S	M 52 x 2.0	42 mm	DKLO	1 1/2"



4271~2S
Metric
 90° bend female
 24° cone sealing
 Stainless steel AISI 316
 PRODUCT GROUP 380

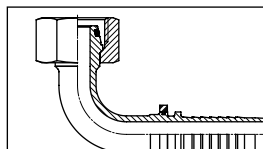
Part number	Thread	Pipe	Type	Hose ID
4271-06-04-2S	M 12 x 1.5	6 mm	DKLO 90°	1/4"
4271-08-04-2S	M 14 x 1.5	8 mm	DKLO 90°	1/4"
4271-10-04-2S	M 16 x 1.5	10 mm	DKLO 90°	1/4"
4271-10-06-2S	M 16 x 1.5	10 mm	DKLO 90°	3/8"
4271-12-06-2S	M 18 x 1.5	12 mm	DKLO 90°	3/8"
4271-15-08-2S	M 22 x 1.5	15 mm	DKLO 90°	1/2"
4271-18-08-2S	M 26 x 1.5	18 mm	DKLO 90°	1/2"
4271-18-10-2S	M 26 x 1.5	18 mm	DKLO 90°	5/8"
4271-22-10-2S	M 30 x 2.0	22 mm	DKLO 90°	5/8"
4271-22-12-2S	M 30 x 2.0	22 mm	DKLO 90°	3/4"
4271-28-16-2S	M 36 x 2.0	28 mm	DKLO 90°	1"
4271-35-20-2S	M 45 x 2.0	35 mm	DKLO 90°	1 1/4"
4271-42-24-2S	M 52 x 2.0	42 mm	DKLO 90°	1 1/2"





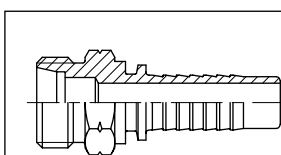
4272~2S
Metric
 45° bend female
 24° cone sealing
 Stainless steel AISI 316
 PRODUCT GROUP 380

Part number	Thread	Pipe	Type	Hose ID
4272-08-04-2S	M 14 x 1.5	8 mm	DKLO 45°	1/4"
4272-10-04-2S	M 16 x 1.5	10 mm	DKLO 45°	1/4"
4272-10-06-2S	M 16 x 1.5	10 mm	DKLO 45°	3/8"
4272-12-06-2S	M 18 x 1.5	12 mm	DKLO 45°	3/8"
4272-15-06-2S	M 22 x 1.5	15 mm	DKLO 45°	3/8"
4272-15-08-2S	M 22 x 1.5	15 mm	DKLO 45°	1/2"
4272-18-10-2S	M 26 x 1.5	18 mm	DKLO 45°	5/8"
4272-22-10-2S	M 30 x 2.0	22 mm	DKLO 45°	5/8"
4272-22-12-2S	M 30 x 2.0	22 mm	DKLO 45°	3/4"
4272-28-16-2S	M 36 x 2.0	28 mm	DKLO 45°	1"
4272-35-20-2S	M 45 x 2.0	35 mm	DKLO 45°	1 1/4"
4272-42-24-2S	M 52 x 2.0	42 mm	DKLO 45°	1 1/2"



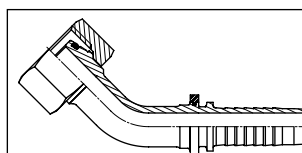
4274~2S
Metric
 90° bend female
 24° cone sealing with O-ring
 Stainless steel AISI 316
 PRODUCT GROUP 380

Part number	Thread	Pipe	Type	Hose ID
4274-06-04-2S	M 14 x 1,5	6 mm	DKSO 90°	1/4"
4274-08-04-2S	M 16 x 1,5	8 mm	DKSO 90°	1/4"
4274-10-04-2S	M 18 x 1,5	10 mm	DKSO 90°	1/4"
4274-10-06-2S	M 18 x 1,5	10 mm	DKSO 90°	3/8"
4274-12-04-2S	M 20 x 1,5	12 mm	DKSO 90°	1/4"
4274-12-06-2S	M 20 x 1,5	12 mm	DKSO 90°	3/8"
4274-14-06-2S	M 22 x 1,5	14 mm	DKSO 90°	3/8"
4274-16-08-2S	M 24 x 1,5	16 mm	DKSO 90°	1/2"
4274-20-10-2S	M 30 x 2,0	20 mm	DKSO 90°	5/8"
4274-20-12-2S	M 30 x 2,0	20 mm	DKSO 90°	3/4"
4274-25-12-2S	M 36 x 2,0	25 mm	DKSO 90°	3/4"
4274-25-16-2S	M 36 x 2,0	25 mm	DKSO 90°	1"
4274-30-16-2S	M 42 x 2,0	30 mm	DKSO 90°	1"
4274-38-20-2S	M 52 x 2,0	38 mm	DKSO 90°	1 1/4"



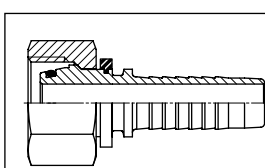
4220~S
Metric
 Straight male
 24° cone sealing
 Stainless steel AISI 316
 PRODUCT GROUP 380

Part number	Thread	Pipe	Type	Hose ID
4220-12-03-S	M 12 x 1,5	6 mm	SKL	3/16"
4220-12-04-S	M 12 x 1,5	6 mm	SKL	1/4"
4220-14-03-S	M 14 x 1,5	8 mm	SKL	3/16"
4220-14-04-S	M 14 x 1,5	8 mm	SKL	1/4"
4220-16-04-S	M 16 x 1,5	10 mm	SKL	1/4"
4220-16-06-S	M 16 x 1,5	10 mm	SKL	3/8"
4220-18-06-S	M 18 x 1,5	12 mm	SKL	3/8"
4220-22-08-S	M 22 x 1,5	15 mm	SKL	1/2"
4220-26-08-S	M 26 x 1,5	18 mm	SKL	1/2"
4220-26-10-S	M 26 x 1,5	18 mm	SKL	5/8"
4220-30-10-S	M 30 x 2,0	22 mm	SKL	5/8"
4220-30-12-S	M 30 x 2,0	22 mm	SKL	3/4"
4220-36-16-S	M 36 x 2,0	28 mm	SKL	1"
4220-45-20-S	M 45 x 2,0	35 mm	SKL	1 1/4"
4220-52-24-S	M 52 x 2,0	42 mm	SKL	1 1/2"



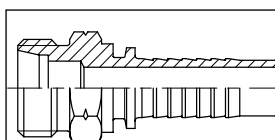
4275~2S
Metric
 45° bend female
 24° cone sealing with O-ring
 Stainless steel AISI 316
 PRODUCT GROUP 380

Part number	Thread	Pipe	Type	Hose ID
4275-10-04-2S	M 18 x 1.5	10 mm	DKSO 45°	1/4"
4275-12-06-2S	M 20 x 1.5	12 mm	DKSO 45°	3/8"
4275-14-06-2S	M 22 x 1.5	14 mm	DKSO 45°	3/8"
4275-16-08-2S	M 24 x 1.5	16 mm	DKSO 45°	1/2"
4275-20-10-2S	M 30 x 2.0	20 mm	DKSO 45°	5/8"
4275-20-12-2S	M 30 x 2.0	20 mm	DKSO 45°	3/4"
4275-25-12-2S	M 36 x 2.0	25 mm	DKSO 45°	3/4"
4275-30-16-2S	M 42 x 2.0	30 mm	DKSO 45°	1"



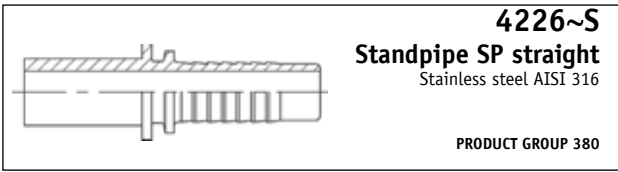
4273~2
Metric
 Straight female
 24° cone sealing with O-ring
 Stainless steel AISI 316
 PRODUCT GROUP 380

Part number	Thread	Pipe	Type	Hose ID
4273-06-03-2S	M 14 x 1.5	6 mm	DKSO	3/16"
4273-06-04-2S	M 14 x 1.5	6 mm	DKSO	1/4"
4273-08-03-2S	M 16 x 1.5	8 mm	DKSO	3/16"
4273-08-04-2S	M 16 x 1.5	8 mm	DKSO	1/4"
4273-10-04-2S	M 18 x 1.5	10 mm	DKSO	1/4"
4273-10-06-2S	M 18 x 1.5	10 mm	DKSO	3/8"
4273-12-04-2S	M 20 x 1.5	12 mm	DKSO	1/4"
4273-12-06-2S	M 20 x 1.5	12 mm	DKSO	3/8"
4273-14-06-2S	M 22 x 1.5	14 mm	DKSO	3/8"
4273-16-06-2S	M 24 x 1.5	16 mm	DKSO	3/8"
4273-16-08-2S	M 24 x 1.5	16 mm	DKSO	1/2"
4273-16-10-2S	M 24 x 1.5	16 mm	DKSO	5/8"
4273-20-10-2S	M 30 x 2.0	20 mm	DKSO	5/8"
4273-20-12-2S	M 30 x 2.0	20 mm	DKSO	3/4"
4273-25-12-2S	M 36 x 2.0	25 mm	DKSO	3/4"
4273-25-16-2S	M 36 x 2.0	25 mm	DKSO	1"
4273-30-12-2S	M 42 x 2.0	30 mm	DKSO	3/4"
4273-30-16-2S	M 42 x 2.0	30 mm	DKSO	1"
4273-30-20-2S	M 42 x 2.0	30 mm	DKSO	1 1/4"
4273-38-24-2S	M 52 x 2.0	38 mm	DKSO	1 1/2"



4223~S
Metric
 Straight male
 24° cone sealing
 Stainless steel AISI 316
 PRODUCT GROUP 380

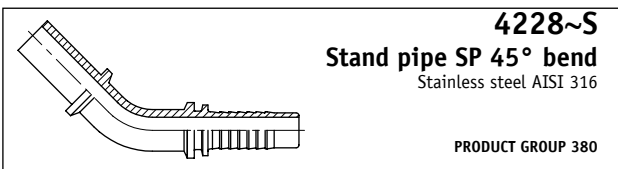
Part number	Thread	Pipe	Type	Hose ID
4223-14-04-S	M 14 x 1,5	6 mm	SKS	1/4"
4223-16-04-S	M 16 x 1,5	8 mm	SKS	1/4"
4223-18-04-S	M 18 x 1,5	10 mm	SKS	1/4"
4223-18-05-S	M 18 x 1,5	10 mm	SKS	5/16"
4223-18-06-S	M 18 x 1,5	10 mm	SKS	3/8"
4223-20-06-S	M 20 x 1,5	12 mm	SKS	3/8"
4223-22-06-S	M 22 x 1,5	14 mm	SKS	3/8"
4223-24-08-S	M 24 x 1,5	16 mm	SKS	1/2"
4223-30-10-S	M 30 x 2,0	20 mm	SKS	5/8"
4223-30-12-S	M 30 x 2,0	20 mm	SKS	3/4"
4223-36-12-S	M 36 x 2,0	25 mm	SKS	3/4"
4223-36-16-S	M 36 x 2,0	25 mm	SKS	1"
4223-42-16-S	M 42 x 2,0	30 mm	SKS	1"
4223-52-20-S	M 52 x 2,0	38 mm	SKS	1 1/4"



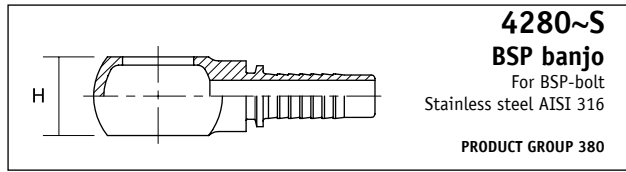
Part number	Pipe Ø	Type	Hose ID
4226-06-03-S	6 mm	SP	3/16"
4226-06-04-S	6 mm	SP	1/4"
4226-08-03-S	8 mm	SP	3/16"
4226-08-04-S	8 mm	SP	1/4"
4226-10-04-S	10 mm	SP	1/4"
4226-10-06-S	10 mm	SP	3/8"
4226-12-04-S	12 mm	SP	1/4"
4226-12-06-S	12 mm	SP	3/8"
4226-12-08-S	12 mm	SP	1/2"
4226-14-06-S	14 mm	SP	3/8"
4226-15-06-S	15 mm	SP	3/8"
4226-15-08-S	15 mm	SP	1/2"
4226-16-08-S	16 mm	SP	1/2"
4226-18-08-S	18 mm	SP	1/2"
4226-18-10-S	18 mm	SP	5/8"
4226-20-10-S	20 mm	SP	5/8"
4226-20-12-S	20 mm	SP	3/4"
4226-22-12-S	22 mm	SP	3/4"
4226-25-12-S	25 mm	SP	3/4"
4226-25-16-S	25 mm	SP	1"
4226-28-16-S	28 mm	SP	1"
4226-30-16-S	30 mm	SP	1"
4226-35-20-S	35 mm	SP	1 1/4"
4226-38-20-S	38 mm	SP	1 1/4"
4226-42-24-S	42 mm	SP	1 1/2"



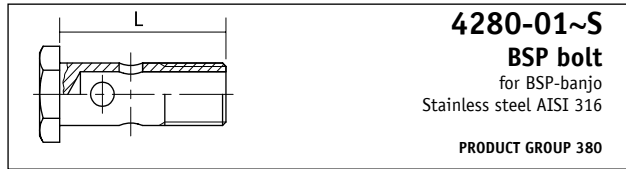
Part number	Pipe Ø	Type	Hose ID
4227-06-04-S	6 mm	SP 90°	1/4"
4227-08-04-S	8 mm	SP 90°	1/4"
4227-10-04-S	10 mm	SP 90°	1/4"
4227-10-06-S	10 mm	SP 90°	3/8"
4227-12-06-S	12 mm	SP 90°	3/8"
4227-12-08-S	12 mm	SP 90°	1/2"
4227-15-08-S	15 mm	SP 90°	1/2"
4227-16-08-S	16 mm	SP 90°	1/2"
4227-18-08-S	18 mm	SP 90°	1/2"
4227-18-10-S	18 mm	SP 90°	5/8"
4227-20-10-S	20 mm	SP 90°	5/8"
4227-25-16-S	25 mm	SP 90°	1"



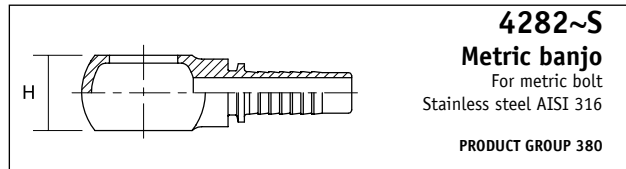
Part number	Pipe Ø	Type	Hose ID
4228-15-08-S	15 mm	SP 45°	1/2"



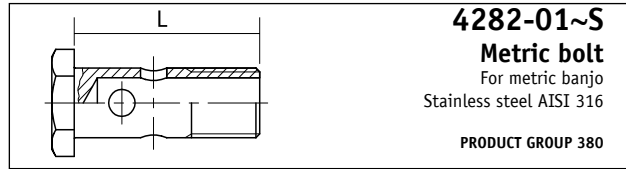
Part number	Bolt dia.	Type	Hose ID	Height
4280-04-04-S	G 1/4"	Banjo	1/4"	14,0 mm
4280-06-06-S	G 3/8"	Banjo	3/8"	16,0 mm
4280-08-08-S	G 1/2"	Banjo	1/2"	22,0 mm



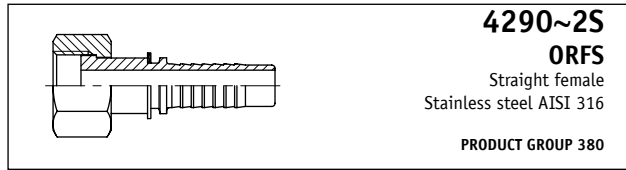
Part number	Thread	Type	Length
4280-01-04-S	G 1/4"	Banjo bolt	25,0 mm
4280-01-06-S	G 3/8"	Banjo bolt	28,0 mm
4280-01-08-S	G 1/2"	Banjo bolt	38,0 mm



Part number	Bolt thread	Type	Hose ID	Height
4282-12-04-S	M 12 x 1,5	Banjo	1/4"	12,0 mm
4282-14-06-S	M 14 x 1,5	Banjo	3/8"	14,0 mm

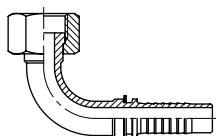


Part number	Thread	Type	Length
4282-01-14-S	M 14x1,5	Banjo bolt	26,0 mm



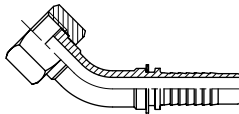
Part number	Thread	Type	Hose ID
4290-04-04-2S	9/16"-18 UNF	ORFS FS	1/4"
4290-06-06-2S	11/16"-16 UN	ORFS FS	3/8"
4290-08-08-2S	13/16"-16 UN	ORFS FS	1/2"
4290-10-08-2S	1"-14 UNS	ORFS FS	1/2"
4290-10-10-2S	1"-14 UNS	ORFS FS	5/8"
4290-12-12-2S	1 3/16"-12 UN	ORFS FS	3/4"
4290-16-16-2S	1 7/16"-12 UN	ORFS FS	1"
4290-20-20-2S	1 11/16"-12 UN	ORFS FS	1 1/4"
4290-24-24-2S	2"-12 UN	ORFS FS	1 1/2"





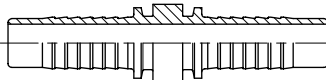
4291~2S
ORFS
 90° bend Female
 Stainless steel AISI 316
PRODUCT GROUP 380

Part number	Thread	Type	Hose ID
4291-04-04-2S	9/16"-18 UNF	ORFS 90° FS	1/4"
4291-06-06-2S	11/16"-16 UN	ORFS 90° FS	3/8"
4291-08-08-2S	13/16"-16 UN	ORFS 90° FS	1/2"
4291-10-10-2S	1"-14 UNS	ORFS 90° FS	5/8"
4291-12-12-2S	1 3/16"-12 UN	ORFS 90° FS	3/4"
4291-16-16-2S	1 7/16"-12 UN	ORFS 90° FS	1"
4291-20-20-2S	1 11/16"-12 UN	ORFS 90° FS	1 1/4"
4291-24-24-2S	2"-12 UN	ORFS 90° FS	1 1/2"



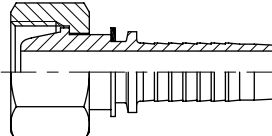
4292~2S
ORFS
 45° bend Female
 Stainless steel AISI 316
PRODUCT GROUP 380

Part number	Thread	Type	Hose ID
4292-04-04-2S	9/16"-18 UNF	ORFS 45° FS	1/4"
4292-06-06-2S	11/16"-16 UN	ORFS 45° FS	3/8"
4292-08-08-2S	13/16"-16 UN	ORFS 45° FS	1/2"
4292-10-10-2S	1"-14 UNS	ORFS 45° FS	5/8"
4292-12-12-2S	1 3/16"-12 UN	ORFS 45° FS	3/4"
4292-16-16-2S	1 7/16"-12 UN	ORFS 45° FS	1"
4292-20-20-2S	1 11/16"-12 UN	ORFS 45° FS	1 1/4"
4292-24-24-2S	2"-12 UN	ORFS 45° FS	1 1/2"



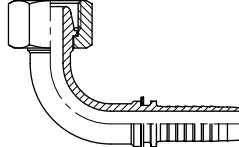
4277~S
Hose joiner
 Stainless steel AISI 316
PRODUCT GROUP 380

Part number	Hose ID	Type	Hose ID
4277-04-04-S	1/4"	Hose joiner	1/4"



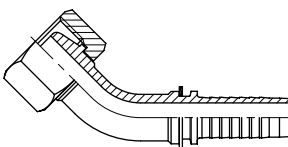
4233~S
Metric
 Straight female
 Universal cone
 Stainless steel AISI 316
PRODUCT GROUP 380

Part number	Thread	Pipe	Type	Hose ID
4233-06-04-2S	M 12 x 1,5	6 mm	DKLL	1/4"
4233-08-04-2S	M 14 x 1,5	8 mm	DKLL	1/4"
4233-10-04-2S	M 16 x 1,5	10 mm	DKLL	1/4"
4233-65-32-2S	M 65 x 2,0		DKLL	2"



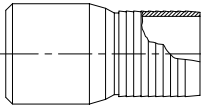
4234~2S
Metric
 90° bend female
 Universal cone
 Stainless steel AISI 316
PRODUCT GROUP 380

Part number	Thread	Pipe	Type	Hose ID
4234-06-04-2S	M 12 x 1,5	6 mm	DKL 90°	1/4"



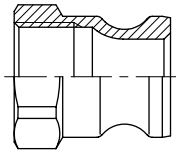
4235~2S
Metric
 45° bend female
 Universal cone
 Stainless steel AISI 316
PRODUCT GROUP 380

Part number	Thread	Pipe	Type	Hose ID
4235-06-04-2S	M12 x 1,5	6 mm	DKL 45°	1/4"



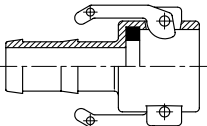
5004
Combination nipple
Weldable
Stainless steel AISI 316
PRODUCT GROUP 500

Part number	Thread	Type	Hose ID
5004-08-09	G 1/2"	Combination nipple	1/2"
5004-12-13	G 3/4"	Combination nipple	3/4"
5004-16-17	G 1"	Combination nipple	1"
5004-20-21	G 1 1/4"	Combination nipple	1 1/4"
5004-24-25	G 1 1/2"	Combination nipple	1 1/2"
5004-32-33	G 2"	Combination nipple	2"
5004-40-41	G 2 1/2"	Combination nipple	2 1/2"
5004-48-49	G 3"	Combination nipple	3"
5004-64-65	G 4"	Combination nipple	4"



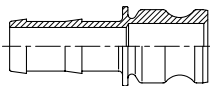
5020
Cam-Lock Fitting A
Stainless steel AISI 316
PRODUCT GROUP 500

Part number	Type	Material	Thread
5020-20-12	CAM-SS-A	Stainless steel	3/4" F
5020-20-16	CAM-SS-A	Stainless steel	1" F
5020-20-20	CAM-SS-A	Stainless steel	1 1/4" F
5020-20-24	CAM-SS-A	Stainless steel	1 1/2" F
5020-20-32	CAM-SS-A	Stainless steel	2" F
5020-20-40	CAM-SS-A	Stainless steel	2 1/2" F
5020-20-48	CAM-SS-A	Stainless steel	3" F
5020-20-64	CAM-SS-A	Stainless steel	4" F
5020-20-80	CAM-SS-A	Stainless steel	5" F



5022
Cam-Lock Fitting C
Stainless steel AISI 316
PRODUCT GROUP 500

Part number	Type	Material	Hose ID
5022-20-08	CAM-SS-C	Stainless steel	1/2"
5022-20-12	CAM-SS-C	Stainless steel	3/4"
5022-20-16	CAM-SS-C	Stainless steel	1 1/4"
5022-20-24	CAM-SS-C	Stainless steel	1 1/2"
5022-20-32	CAM-SS-C	Stainless steel	2"
5022-20-40	CAM-SS-C	Stainless steel	2 1/2"
5022-20-48	CAM-SS-C	Stainless steel	3"
5022-20-64	CAM-SS-C	Stainless steel	4"



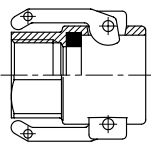
5024
Cam-Lock Fitting E
Stainless steel AISI 316
PRODUCT GROUP 500

Part number	Type	Material	Hose ID
5024-20-08	CAM-SS-E	Stainless steel	1/2"
5024-20-12	CAM-SS-E	Stainless steel	3/4"
5024-20-16	CAM-SS-E	Stainless steel	1"
5024-20-20	CAM-SS-E	Stainless steel	1 1/4"
5024-20-24	CAM-SS-E	Stainless steel	1 1/2"
5024-20-32	CAM-SS-E	Stainless steel	2"
5024-20-40	CAM-SS-E	Stainless steel	2 1/2"
5024-20-48	CAM-SS-E	Stainless steel	3"
5024-20-64	CAM-SS-E	Stainless steel	4"



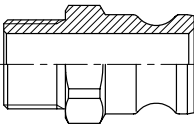
5021
Cam-Lock Fitting B
Stainless steel AISI 316
PRODUCT GROUP 500

Part number	Type	Material	Thread
5021-20-08	CAM-SS-B	Stainless steel	1/2" M
5021-20-12	CAM-SS-B	Stainless steel	3/4" M
5021-20-16	CAM-SS-B	Stainless steel	1" M
5021-20-20	CAM-SS-B	Stainless steel	1 1/4" M
5021-20-24	CAM-SS-B	Stainless steel	1 1/2" M
5021-20-32	CAM-SS-B	Stainless steel	2" M
5021-20-40	CAM-SS-B	Stainless steel	2 1/2" M
5021-20-48	CAM-SS-B	Stainless steel	3" M
5021-20-64	CAM-SS-B	Stainless steel	4" M
5021-20-80	CAM-SS-B	Stainless steel	5" M



5023
Cam-Lock Fitting D
Stainless steel AISI 316
PRODUCT GROUP 500

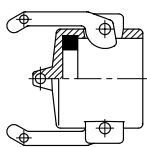
Part number	Type	Material	Thread
5023-20-08	CAM-SS-D	Stainless steel	1/2" F
5023-20-12	CAM-SS-D	Stainless steel	3/4" F
5023-20-16	CAM-SS-D	Stainless steel	1" F
5023-20-20	CAM-SS-D	Stainless steel	1 1/4" F
5023-20-24	CAM-SS-D	Stainless steel	1 1/2" F
5023-20-32	CAM-SS-D	Stainless steel	2" F
5023-20-40	CAM-SS-D	Stainless steel	2 1/2" F
5023-20-48	CAM-SS-D	Stainless steel	3" F
5023-20-64	CAM-SS-D	Stainless steel	4" F
5023-20-80	CAM-SS-D	Stainless steel	5" F
5023-20-96	CAM-SS-D	Stainless steel	6" F



5025
Cam-Lock Fitting F
Stainless steel AISI 316
PRODUCT GROUP 500

Part number	Type	Material	Thread
5025-20-08	CAM-SS-F	Stainless steel	1/2" M
5025-20-12	CAM-SS-F	Stainless steel	3/4" M
5025-20-16	CAM-SS-F	Stainless steel	1" M
5025-20-20	CAM-SS-F	Stainless steel	1 1/4" M
5025-20-24	CAM-SS-F	Stainless steel	1 1/2" M
5025-20-32	CAM-SS-F	Stainless steel	2" M
5025-20-40	CAM-SS-F	Stainless steel	2 1/2" M
5025-20-48	CAM-SS-F	Stainless steel	3" M
5025-20-64	CAM-SS-F	Stainless steel	4" M

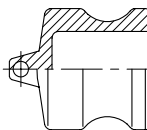




5026
Cam-Lock Fitting DC
Stainless steel AISI 316

PRODUCT GROUP 500

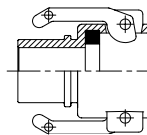
Part number	Type	Material	Dim
5026-20-08	CAM-SS-DC	Stainless steel	1/2"
5026-20-12	CAM-SS-DC	Stainless steel	3/4"
5026-20-16	CAM-SS-DC	Stainless steel	1"
5026-20-20	CAM-SS-DC	Stainless steel	1 1/4"
5026-20-24	CAM-SS-DC	Stainless steel	1 1/2"
5026-20-32	CAM-SS-DC	Stainless steel	2"
5026-20-40	CAM-SS-DC	Stainless steel	2 1/2"
5026-20-48	CAM-SS-DC	Stainless steel	3"
5026-20-64	CAM-SS-DC	Stainless steel	4"



5027
Cam-Lock Fitting DP
Stainless steel AISI 316

PRODUCT GROUP 500

Part number	Type	Material	Size
5027-20-08	CAM-SS-DC	Stainless steel	1/2"
5027-20-12	CAM-SS-DP	Stainless steel	3/4"
5027-20-16	CAM-SS-DP	Stainless steel	1"
5027-20-20	CAM-SS-DP	Stainless steel	1 1/4"
5027-20-24	CAM-SS-DP	Stainless steel	1 1/2"
5027-20-32	CAM-SS-DP	Stainless steel	2"
5027-20-40	CAM-SS-DP	Stainless steel	2 1/2"
5027-20-48	CAM-SS-DP	Stainless steel	3"
5027-20-64	CAM-SS-DP	Stainless steel	4"



5022-50
Cam-Lock Fitting C
For safety clamp assembly
Stainless steel AISI 316

PRODUCT GROUP 500

Part number	Description	Material	Hose ID
5022-50-12	CAM-SS-C DIN2828	Stainless steel	19 mm
5022-50-16	CAM-SS-C DIN2828	Stainless steel	25 mm
5022-50-20	CAM-SS-C DIN2828	Stainless steel	32 mm
5022-50-24	CAM-SS-C DIN2828	Stainless steel	38 mm
5022-50-32	CAM-SS-C DIN2828	Stainless steel	50 mm
5022-50-40	CAM-SS-C DIN2828	Stainless steel	63 mm
5022-50-48	CAM-SS-C DIN2828	Stainless steel	75 mm



5024-50
Cam-Lock Fitting E
For safety clamp assembly
Stainless steel AISI 316

PRODUCT GROUP 500

Part number	Description	Material	Hose ID
5024-50-12	CAM-SS-E DIN2828	Stainless steel	19 mm
5024-50-16	CAM-SS-E DIN2828	Stainless steel	25 mm
5024-50-20	CAM-SS-E DIN2828	Stainless steel	32 mm
5024-50-24	CAM-SS-E DIN2828	Stainless steel	38 mm
5024-50-32	CAM-SS-E DIN2828	Stainless steel	50 mm
5024-50-40	CAM-SS-E DIN2828	Stainless steel	63 mm
5024-50-48	CAM-SS-E DIN2828	Stainless steel	75 mm



5051-20
Dairy fitting, M
For safety clamp assembly
Stainless steel AISI 316

PRODUCT GROUP 500

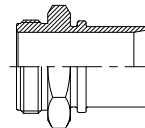
Part number	Type	Hose dim.
5051-20-16	SMS dairy fitting	G 1" M
5051-20-20	SMS dairy fitting	G 1 1/4" M
5051-20-24	SMS dairy fitting	G 1 1/2" M
5051-20-32	SMS dairy fitting	G 2" M
5051-20-40	SMS dairy fitting	G 2 1/2" M
5051-20-48	SMS dairy fitting	G 3" M
5051-20-64	SMS dairy fitting	G 4" M



5052-20
Dairy fitting, FS
For safety clamp assembly
Stainless steel AISI 316

PRODUCT GROUP 500

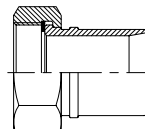
Part number	Type	Hose dim.
5052-20-16	SMS dairy fitting	G 1" FS
5052-20-20	SMS dairy fitting	G 1 1/4" FS
5052-20-24	SMS dairy fitting	G 1 1/2" FS
5052-20-32	SMS dairy fitting	G 2" FS
5052-20-40	SMS dairy fitting	G 2 1/2" FS
5052-20-48	SMS dairy fitting	G 3" FS
5052-20-64	SMS dairy fitting	G 4" FS



5053
Standpipe, M
For safety clamp assembly DIN 2817
Stainless steel AISI 316

PRODUCT GROUP 500

Part number	Type	Thread	Hose ID
5053-20-12	Stand pipe SP	G 3/4" M	19 mm
5053-20-16	Stand pipe SP	G 1" M	25 mm
5053-20-20	Stand pipe SP	G 1 1/4" M	32 mm
5053-20-24	Stand pipe SP	G 1 1/2" M	38 mm
5053-20-32	Stand pipe SP	G 2" M	50 mm
5053-20-40	Stand pipe SP	G 2 1/2" M	63 mm
5053-20-48	Stand pipe SP	G 3" M	75 mm
5053-20-64	Stand pipe SP	G 4" M	100 mm



5054
Standpipe, FS
For safety clamp assembly DIN 2817
Stainless steel AISI 316

PRODUCT GROUP 500

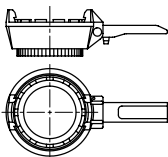
Part number	Type	Thread	Hose ID
5054-20-12	Stand pipe SP	G 3/4" FS	19 mm
5054-20-16	Stand pipe SP	G 1" FS	25 mm
5054-20-20	Stand pipe SP	G 1 1/4" FS	32 mm
5054-20-24	Stand pipe SP	G 1 1/2" FS	38 mm
5054-20-32	Stand pipe SP	G 2" FS	50 mm
5054-20-40	Stand pipe SP	G 2 1/2" FS	63 mm
5054-20-48	Stand pipe SP	G 3" FS	75 mm
5054-20-64	Stand pipe SP	G 4" FS	100 mm



5050
Safety clamps
 Stainless steel AISI 316

PRODUCT GROUP 500


Part number	Type	Hose dim.
5050-20-16	Safety clamp	25 x 6 mm
5050-20-20	Safety clamp	32 x 6 mm
5050-20-24	Safety clamp	38 x 6,5 mm
5050-20-32	Safety clamp	50 x 8 mm
5050-20-40	Safety clamp	63 x 8 mm
5050-20-48	Safety clamp	75 x 8 mm



5055-00/10/20
Petrol truck fitting
 DIN 28450, male
 Stainless steel AISI 316

PRODUCT GROUP 500

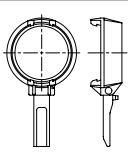
Part number	Type	Material	Thread	Dim.
5055-20-32	VK-50	Stainless steel	G 2" F	2"
5055-20-48	VK-80	Stainless steel	G 3" F	3"
5055-20-64	VK-100	Stainless steel	G 4" F	4"



5056-00/10/20
Petrol truck fitting
 DIN 28450, female
 Stainless steel AISI 316

PRODUCT GROUP 500

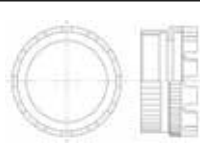
Part number	Type	Material	Thread	Dim.
5056-20-32	MK-50	Stainless steel	G 2" F	2"
5056-20-48	MK-80	Stainless steel	G 3" F	3"
5056-20-64	MK-100	Stainless steel	G 4" F	4"



5056-25
Lock ring for petrol truck fitting
 DIN 28450, female
 Stainless steel AISI 316

PRODUCT GROUP 500

Part number	Type	Material	Dim.
5056-25-32	MKLR-50	Stainless steel	2"
5056-25-48	MKLR-80	Stainless steel	3"
5056-25-64	MKLR-100	Stainless steel	4"



5056-26
Seal ring for petrol truck fitting
 DIN 28450, female
 Stainless steel AISI 316

PRODUCT GROUP 500

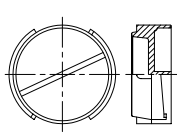
Part number	Type	Material	Thread	Dim.
5056-26-32	MKSR-50	Stainless steel	G 2" F	2"
5056-26-48	MKSR-80	Stainless steel	G 3" F	3"
5056-26-64	MKSR-100	Stainless steel	G 4" F	4"



5057
Cover for petrol truck fitting
 DIN 28450, male
 Stainless steel AISI 316

PRODUCT GROUP 500

Part number	Type	Material	Dim.
5057-20-32	MB-50	Stainless steel	2"
5057-20-48	MB-80	Stainless steel	3"



5058
Cover for petrol truck fitting
 DIN 28450, female
 Stainless steel AISI 316

PRODUCT GROUP 500

Part number	Type	Material	Dim.
5058-20-32	VB-50	Stainless steel	2"
5058-20-48	VB-80	Stainless steel	3"



5059-20
Flange PN16-solid
 For safety clamp assembly
 Stainless steel AISI 316

PRODUCT GROUP 500

Part number	Type	Hose ID
5059-20-24	Flange PN16 solid/SS	38 mm
5059-20-32	Flange PN16 solid/SS	50 mm
5059-20-40	Flange PN16 solid/SS	63 mm
5059-20-48	Flange PN16 solid/SS	75 mm
5059-20-64	Flange PN16 solid/SS	100 mm

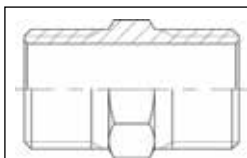


5059-70
Flange PN16-swivel
 For safety clamp assembly
 Stainless steel AISI 316

PRODUCT GROUP 500

Part number	Type	Hose ID
5059-70-24	Flange PN16 swivel/SS	38 mm
5059-70-32	Flange PN16 swivel/SS	50 mm
5059-70-40	Flange PN16 swivel/SS	63 mm
5059-70-48	Flange PN16 swivel/SS	75 mm
5059-70-64	Flange PN16 swivel/SS	100 mm





5070~S

Double nipple G M X G M
Stainless steel AISI 316

PRODUCT GROUP 500

Part number	Thread 1	x	Thread 2
5070-02-02S	G 1/8" M		G 1/8" M
5070-04-02S	G 1/4" M		G 1/8" M
5070-04-04S	G 1/4" M		G 1/4" M
5070-06-02S	G 3/8" M		G 1/8" M
5070-06-04S	G 3/8" M		G 1/4" M
5070-06-06S	G 3/8" M		G 3/8" M
5070-08-02S	G 1/2" M		G 1/8" M
5070-08-04S	G 1/2" M		G 1/4" M
5070-08-06S	G 1/2" M		G 3/8" M
5070-08-08S	G 1/2" M		G 1/2" M
5070-12-04S	G 3/4" M		G 1/4" M
5070-12-06S	G 3/4" M		G 3/8" M
5070-12-08S	G 3/4" M		G 1/2" M
5070-12-12S	G 3/4" M		G 3/4" M
5070-16-06S	G 1" M		G 3/8" M
5070-16-08S	G 1" M		G 1/2" M
5070-16-12S	G 1" M		G 3/4" M
5070-16-16S	G 1" M		G 1" M
5070-20-08S	G 1 1/4" M		G 1/2" M
5070-20-12S	G 1 1/4" M		G 3/4" M
5070-20-16S	G 1 1/4" M		G 1" M
5070-20-20S	G 1 1/4" M		G 1 1/4" M
5070-24-12S	G 1 1/2" M		G 3/4" M
5070-24-16S	G 1 1/2" M		G 1" M
5070-24-20S	G 1 1/2" M		G 1 1/4" M
5070-24-24S	G 1 1/2" M		G 1 1/2" M
5070-32-16S	G 2" M		G 1" M
5070-32-20S	G 2" M		G 1 1/4" M
5070-32-24S	G 2" M		G 1 1/2" M
5070-32-32S	G 2" M		G 2" M
5070-40-32S	G 2 1/2" M		G 2" M
5070-40-40S	G 2 1/2" M		G 2 1/2" M
5070-48-32S	G 3" M		G 2" M
5070-48-40S	G 3" M		G 2 1/2" M
5070-64-48S	G 4" M		G 3" M
5070-64-64S	G 4" M		G 4" M

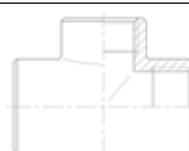


5071~S

Bush G M X G F
Stainless steel AISI 316

PRODUCT GROUP 500

Part number	Thread 1	x	Thread 2
5071-04-02S	G 1/4" M		G 1/8" F
5071-06-02S	G 3/8" M		G 1/8" F
5071-06-04S	G 3/8" M		G 1/4" F
5071-08-02S	G 1/2" M		G 1/8" F
5071-08-04S	G 1/2" M		G 1/4" F
5071-08-06S	G 1/2" M		G 3/8" F
5071-12-02S	G 3/4" M		G 1/8" F
5071-12-04S	G 3/4" M		G 1/4" F
5071-12-06S	G 3/4" M		G 3/8" F
5071-12-08S	G 3/4" M		G 1/2" F
5071-16-04S	G 1" M		G 1/4" F
5071-16-06S	G 1" M		G 3/8" F
5071-16-08S	G 1" M		G 1/2" F
5071-16-12S	G 1" M		G 3/4" F
5071-20-08S	G 1 1/4" M		G 1/2" F
5071-20-12S	G 1 1/4" M		G 3/4" F
5071-20-16S	G 1 1/4" M		G 1" F
5071-24-08S	G 1 1/2" M		G 1/2" F
5071-24-12S	G 1 1/2" M		G 3/4" F
5071-24-16S	G 1 1/2" M		G 1" F
5071-24-20S	G 1 1/2" M		G 1 1/4" F
5071-32-12S	G 2" M		G 3/4" F
5071-32-16S	G 2" M		G 1" F
5071-32-20S	G 2" M		G 1 1/4" F
5071-32-24S	G 2" M		G 1 1/2" F
5071-40-24S	G 2 1/2" M		G 1 1/2" F
5071-40-32S	G 2 1/2" M		G 2" F
5071-48-32S	G 3" M		G 2" F
5071-48-40S	G 3" M		G 2 1/2" F
5071-64-40S	G 4" M		G 2 1/2" F
5071-64-48S	G 4" M		G 3" F

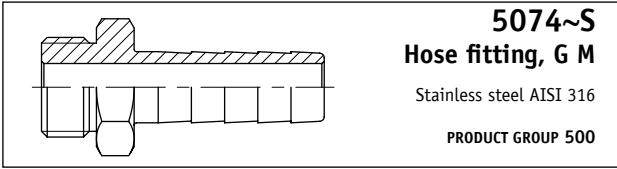


5073~S

T-pipe
Stainless steel AISI 316,

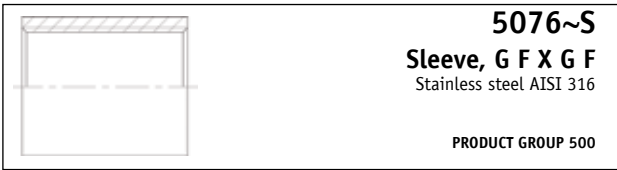
PRODUCT GROUP 500

Part number	Thread 1	x	Thread 2
5073-02-02S	G 1/8" F	G 1/8" F	G 1/8" F
5073-04-04S	G 1/4" F	G 1/4" F	G 1/4" F
5073-06-06S	G 3/8" F	G 3/8" F	G 3/8" F
5073-08-08S	G 1/2" F	G 1/2" F	G 1/2" F
5073-12-12S	G 3/4" F	G 3/4" F	G 3/4" F
5073-16-16S	G 1" F	G 1" F	G 1" F
5073-20-20S	G 1 1/4" F	G 1 1/4" F	G 1 1/4" F
5073-24-24S	G 1 1/2" F	G 1 1/2" F	G 1 1/2" F
5073-32-32S	G 2" F	G 2" F	G 2" F
5073-40-40S	G 2 1/2" F	G 2 1/2" F	G 2 1/2" F
5073-48-48S	G 3" F	G 3" F	G 3" F
5073-64-64S	G 4" F	G 4" F	G 4" F



5074~S
Hose fitting, G M
 Stainless steel AISI 316
 PRODUCT GROUP 500

Part number	Thread	x	Hose ID
5074-02-02S	G 1/8" M		1/8"
5074-04-04S	G 1/4" M		1/4"
5074-06-06S	G 3/8" M		3/8"
5074-08-08S	G 1/2" M		1/2"
5074-12-12S	G 3/4" M		3/4"
5074-16-16S	G 1" M		1"
5074-20-20S	G 1 1/4" M		1 1/4"
5074-24-24S	G 1 1/2" M		1 1/2"
5074-32-32S	G 2" M		2"
5074-40-40S	G 2 1/2" M		2 1/2"
5074-48-48S	G 3" M		3"



5076~S
Sleeve, G F X G F
 Stainless steel AISI 316
 PRODUCT GROUP 500

Part number	Thread 1	x	Thread 2
5076-02-02S	G 1/8" F		G 1/8" F
5076-04-04S	G 1/4" F		G 1/4" F
5076-06-06S	G 3/8" F		G 3/8" F
5076-08-08S	G 1/2" F		G 1/2" F
5076-12-12S	G 3/4" F		G 3/4" F
5076-16-16S	G 1" F		G 1" F
5076-20-20S	G 1 1/4" F		G 1 1/4" F
5076-24-24S	G 1 1/2" F		G 1 1/2" F
5076-32-32S	G 2" F		G 2" F
5076-40-40S	G 2 1/2" F		G 2 1/2" F
5076-48-48S	G 3" F		G 3" F
5076-64-64S	G 4" F		G 4" F



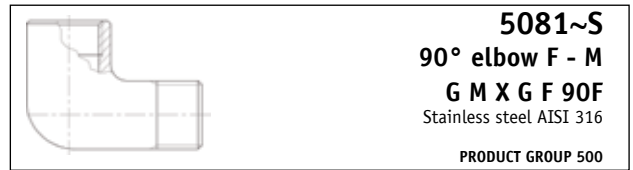
5077~S
Plug, G M
 Stainless steel AISI 316
 PRODUCT GROUP 500

Part number	Thread
5077-00-02S	G 1/8" M
5077-00-04S	G 1/4" M
5077-00-06S	G 3/8" M
5077-00-08S	G 1/2" M
5077-00-12S	G 3/4" M
5077-00-16S	G 1" M
5077-00-20S	G 1 1/4" M
5077-00-24S	G 1 1/2" M
5077-00-32S	G 2" M
5077-00-40S	G 2 1/2" M
5077-00-48S	G 3" M
5077-00-64S	G 4" M



5077-10~S
Plug
 Stainless steel AISI 316
 PRODUCT GROUP 500

Part number	Thread
5077-10-02S	G 1/8" M
5077-10-04S	G 1/4" M
5077-10-06S	G 3/8" M
5077-10-08S	G 1/2" M
5077-10-12S	G 3/4" M
5077-10-16S	G 1" M
5077-10-20S	G 1 1/4" M
5077-10-24S	G 1 1/2" M
5077-10-32S	G 2" M



5081~S
90° elbow F - M
G M X G F 90F
 Stainless steel AISI 316
 PRODUCT GROUP 500

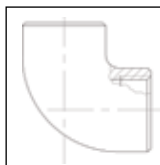
Part number	Thread 1	x	Thread 2
5081-02-02S	G 1/8" M		G 1/8" F
5081-04-04S	G 1/4" M		G 1/4" F
5081-06-06S	G 3/8" M		G 3/8" F
5081-08-08S	G 1/2" M		G 1/2" F
5081-12-12S	G 3/4" M		G 3/4" F
5081-16-16S	G 1" M		G 1" F
5081-20-20S	G 1 1/4" M		G 1 1/4" F
5081-24-24S	G 1 1/2" M		G 1 1/2" F
5081-32-32S	G 2" M		G 2" F
5081-40-40S	G 2 1/2" M		G 2 1/2" F
5081-48-48S	G 3" M		G 3" F
5081-64-64S	G 4" M		G 4" F



5082~S
Union fitting
 Stainless steel AISI 316
 PRODUCT GROUP 500

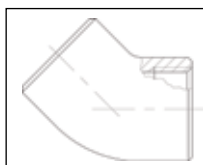
Part number	Thread 1	x	Thread 2
5082-04-04S	G 1/4" F		G 1/4" F
5082-06-06S	G 3/8" F		G 3/8" F
5082-08-08S	G 1/2" F		G 1/2" F
5082-12-12S	G 3/4" F		G 3/4" F
5082-16-16S	G 1" F		G 1" F
5082-20-20S	G 1 1/4" F		G 1 1/4" F
5082-24-24S	G 1 1/2" F		G 1 1/2" F
5082-32-32S	G 2" F		G 2" F
5082-40-40S	G 2 1/2" F		G 2 1/2" F
5082-48-48S	G 3" F		G 3" F





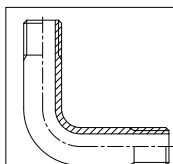
5084~S
90° elbow F - F
G F X G F 90F
 Stainless steel AISI 316
 PRODUCT GROUP 500

Part number	Thread 1	x	Thread 2
5084-02-02S	G 1/8" F		G 1/8" F
5084-04-04S	G 1/4" F		G 1/4" F
5084-06-06S	G 3/8" F		G 3/8" F
5084-08-08S	G 1/2" F		G 1/2" F
5084-12-12S	G 3/4" F		G 3/4" F
5084-16-16S	G 1" F		G 1" F
5084-20-20S	G 1 1/4" F		G 1 1/4" F
5084-24-24S	G 1 1/2" F		G 1 1/2" F
5084-32-32S	G 2" F		G 2" F
5084-40-40S	G 2 1/2" F		G 2 1/2" F
5084-48-48S	G 3" F		G 3" F



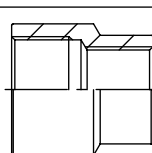
5085~S
45° elbow F X F
 Stainless steel AISI 316
 PRODUCT GROUP 500

Part number	Thread 1	x	Thread 2
5085-02-02S	G 1/8" F		G 1/8" F
5085-04-04S	G 1/4" F		G 1/4" F
5085-06-06S	G 3/8" F		G 3/8" F
5085-08-08S	G 1/2" F		G 1/2" F
5085-12-12S	G 3/4" F		G 3/4" F
5085-16-16S	G 1" F		G 1" F
5085-20-20S	G 1 1/4" F		G 1 1/4" F
5085-24-24S	G 1 1/2" F		G 1 1/2" F
5085-32-32S	G 2" F		G 2" F



5086~S
90° pipe bend, G M 90B G M
 Stainless steel AISI 316
 PRODUCT GROUP 500

Part number	Thread 1	Thread 2
5086-02-02S	G 1/8" M	G 1/8" M
5086-04-04S	G 1/4" M	G 1/4" M
5086-06-06S	G 3/8" M	G 3/8" M
5086-08-08S	G 1/2" M	G 1/2" M
5086-12-12S	G 3/4" M	G 3/4" M
5086-16-16S	G 1" M	G 1" M
5086-20-20S	G 1 1/4" M	G 1 1/4" M
5086-24-24S	G 1 1/2" M	G 1 1/2" M
5086-32-32S	G 2" M	G 2" M



5088~S
Bush F - F, G F X G F
 Stainless steel AISI 316,
 PRODUCT GROUP 500

Part number	Thread 1	Thread 2
5088-06-02S	G 3/8" F	G 1/8" F
5088-06-04S	G 3/8" F	G 1/4" F
5088-08-02S	G 1/2" F	G 1/8" F
5088-08-04S	G 1/2" F	G 1/4" F
5088-08-06S	G 1/2" F	G 3/8" F
5088-12-06S	G 3/4" F	G 3/8" F
5088-12-08S	G 3/4" F	G 1/2" F
5088-16-06S	G 1" F	G 3/8" F
5088-16-08S	G 1" F	G 1/2" F
5088-16-12S	G 1" F	G 3/4" F
5088-20-08S	G 1 1/4" F	G 1/2" F
5088-20-12S	G 1 1/4" F	G 3/4" F
5088-20-16S	G 1 1/4" F	G 1" F
5088-24-08S	G 1 1/2" F	G 1/2" F
5088-24-12S	G 1 1/2" F	G 3/4" F
5088-24-16S	G 1 1/2" F	G 1" F
5088-24-20S	G 1 1/2" F	G 1 1/4" F
5088-32-12S	G 2" F	G 3/4" F
5088-32-16S	G 2" F	G 1" F
5088-32-20S	G 2" F	G 1 1/4" F
5088-32-24S	G 2" F	G 1 1/2" F
5088-40-20S	G 2 1/2" F	G 1 1/4" F
5088-40-24S	G 2 1/2" F	G 1 1/2" F
5088-40-32S	G 2 1/2" F	G 2" F



5089~S
Cross tube F G F
 Stainless steel AISI 316
 PRODUCT GROUP 500

Part number	Thread 1, 2, 3 and 4
5089-02-02S	G 1/8" F
5089-04-04S	G 1/4" F
5089-06-06S	G 3/8" F
5089-08-08S	G 1/2" F
5089-12-12S	G 3/4" F
5089-16-16S	G 1" F
5089-20-20S	G 1 1/4" F
5089-24-24S	G 1 1/2" F
5089-32-32S	G 2" F



5089-95~S
Cover, G F
 Stainless steel AISI 316
 PRODUCT GROUP 500

Part number	Thread
5089-95-02S	G 1/8" F
5089-95-04S	G 1/4" F
5089-95-06S	G 3/8" F
5089-95-08S	G 1/2" F
5089-95-12S	G 3/4" F
5089-95-16S	G 1" F
5089-95-20S	G 1 1/4" F
5089-95-24S	G 1 1/2" F
5089-95-32S	G 2" F
5089-95-40S	G 2 1/2" F
5089-95-48S	G 3" F
5089-95-64S	G 4" F



5089-96~S
Nut, G F
Stainless steel AISI 316

PRODUCT GROUP 500

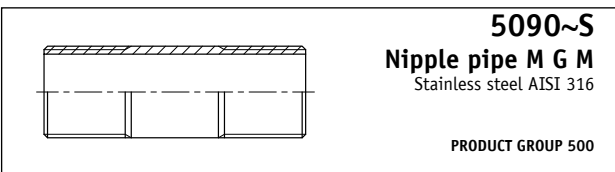
Part number	Thread
5089-96-02S	G 1/8" F
5089-96-04S	G 1/4" F
5089-96-06S	G 3/8" F
5089-96-08S	G 1/2" F
5089-96-12S	G 3/4" F
5089-96-16S	G 1" F
5089-96-20S	G 1 1/4" F
5089-96-24S	G 1 1/2" F
5089-96-32S	G 2" F
5089-96-40S	G 2 1/2" F
5089-96-48S	G 3" F
5089-96-64S	G 4" F



5090-30~S
Screw bush M, G M
Stainless steel AISI 316

PRODUCT GROUP 500

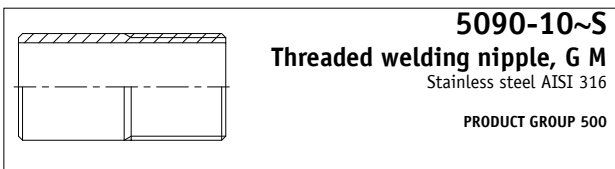
Part number	Thread
5090-30-06S	G 3/8" M
5090-30-08S	G 1/2" M
5090-30-12S	G 3/4" M
5090-30-16S	G 1" M
5090-30-20S	G 1 1/4" M
5090-30-24S	G 1 1/2" M
5090-30-32S	G 2" M
5090-30-40S	G 2 1/2" M
5090-30-48S	G 3" M



5090~S
Nipple pipe M G M
Stainless steel AISI 316

PRODUCT GROUP 500

Part number	Thread 1	x	Thread 2
5090-20-02S	G 1/8" M		G 1/8" M
5090-20-04S	G 1/4" M		G 1/4" M
5090-20-06S	G 3/8" M		G 3/8" M
5090-20-08S	G 1/2" M		G 1/2" M
5090-20-12S	G 3/4" M		G 3/4" M
5090-20-16S	G 1" M		G 1" M
5090-20-20S	G 1 1/4" M		G 1 1/4" M
5090-20-24S	G 1 1/2" M		G 1 1/2" M
5090-20-32S	G 2" M		G 2" M
5090-20-40S	G 2 1/2" M		G 2 1/2" M
5090-20-48S	G 3" M		G 3" M
5090-20-64S	G 4" M		G 4" M

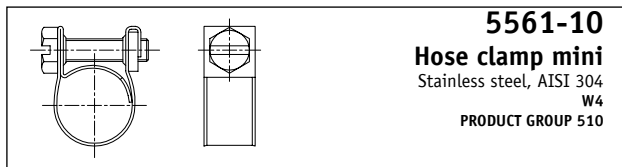


5090-10~S
Threaded welding nipple, G M
Stainless steel AISI 316

PRODUCT GROUP 500

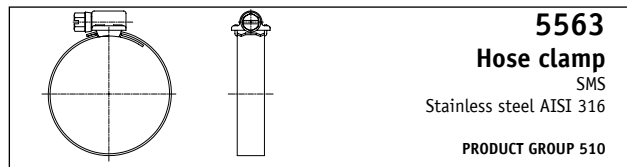
Part number	OD Tap	Thickness	Thread
5090-10-04S	13,5 mm	2,3 mm	G 1/4" M
5090-10-06S	17,2 mm	2,3 mm	G 3/8" M
5090-10-08S	21,3 mm	2,6 mm	G 1/2" M
5090-10-12S	26,9 mm	2,6 mm	G 3/4" M
5090-10-16S	33,7 mm	3,2 mm	G 1" M
5090-10-20S	42,4 mm	3,2 mm	G 1 1/4" M
5090-10-24S	48,3 mm	3,2 mm	G 1 1/2" M
5090-10-32S	60,3 mm	3,6 mm	G 2" M
5090-10-40S	76,1 mm	3,6 mm	G 2 1/2" M
5090-10-48S	85,9 mm	4,0 mm	G 3" M
5090-10-64S	114,3 mm	4,5 mm	G 4" M





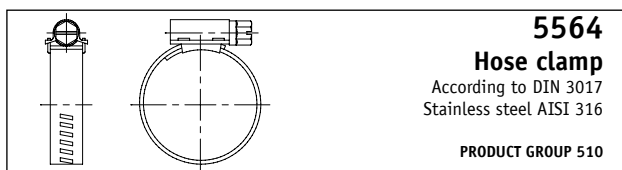
5561-10
Hose clamp mini
 Stainless steel, AISI 304
 W4
 PRODUCT GROUP 510

Part number	Type	Dim. range	Band width
5561-10-08	Mini clamp	7,5-8,5 mm	12 mm
5561-10-09	Mini clamp	8,5-9,5 mm	12 mm
5561-10-10	Mini clamp	9,5-11 mm	12 mm
5561-10-11	Mini clamp	10,5-12 mm	12 mm
5561-10-12	Mini clamp	11,5-13 mm	12 mm
5561-10-13	Mini clamp	12,5-14 mm	12 mm
5561-10-14	Mini clamp	13,5-15 mm	12 mm
5561-10-15	Mini clamp	14,5-16 mm	12 mm
5561-10-16	Mini clamp	15-17 mm	12 mm
5561-10-17	Mini clamp	16-18 mm	12 mm



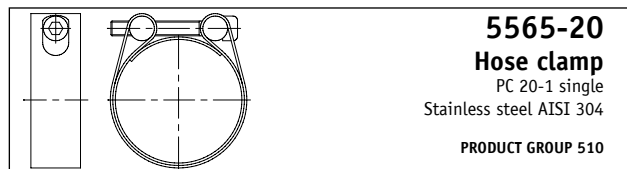
5563
Hose clamp
 SMS
 Stainless steel AISI 316
 PRODUCT GROUP 510

Part number	Dim. range	Band width
5563-08-14	8-14 mm	9 mm
5563-11-17	11-17 mm	9 mm
5563-13-20	13-20 mm	9 mm
5563-15-24	15-24 mm	12 mm
5563-19-28	19-28 mm	12 mm
5563-22-32	22-32 mm	12 mm
5563-26-38	26-38 mm	12 mm
5563-32-44	32-44 mm	12 mm
5563-38-50	38-50 mm	12 mm
5563-44-56	44-56 mm	12 mm
5563-50-65	50-65 mm	12 mm
5563-58-75	58-75 mm	12 mm
5563-68-85	68-85 mm	12 mm
5563-77-95	77-95 mm	12 mm
5563-91-12	87-112 mm	12 mm
5563-91-38	104-138 mm	12 mm
5563-91-65	130-165 mm	12 mm
5563-91-80	150-180 mm	12 mm
5563-92-05	175-205 mm	12 mm
5563-92-31	200-231 mm	12 mm
5563-92-82	251-282 mm	12 mm



5564
Hose clamp
 According to DIN 3017
 Stainless steel AISI 316
 PRODUCT GROUP 510

Part number	Dim. range	Band width
5564-08-16	8-16 mm	9 mm
5564-12-22	12-22 mm	9 mm
5564-16-25	16-27 mm	12 mm
5564-20-32	20-32 mm	12 mm
5564-23-35	23-35 mm	12 mm
5564-25-40	25-40 mm	12 mm
5564-30-45	30-45 mm	12 mm
5564-32-50	32-50 mm	12 mm
5564-40-60	40-60 mm	12 mm
5564-50-70	50-70 mm	12 mm
5564-60-80	60-80 mm	12 mm
5564-70-90	70-90 mm	12 mm
5564-01-00	80-100 mm	12 mm
5564-01-10	90-110 mm	12 mm
5564-01-20	100-120 mm	12 mm
5564-01-30	110-130 mm	12 mm
5564-01-40	120-140 mm	12 mm
5564-01-50	130-150 mm	12 mm
5564-01-60	140-160 mm	12 mm
5564-01-70	150-170 mm	12 mm
5564-01-80	160-180 mm	12 mm



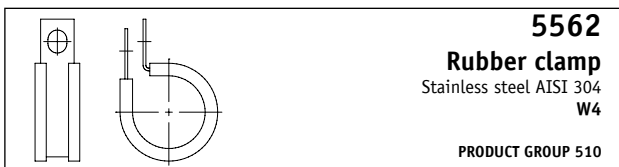
5565-20
Hose clamp
 PC 20-1 single
 Stainless steel AISI 304
 PRODUCT GROUP 510

Part number	Type	Dim. range	Band width
5565-20-35	PC 20-1	30-35 mm	20 mm
5565-20-40	PC 20-1	35-40 mm	20 mm
5565-20-45	PC 20-1	40-45 mm	20 mm
5565-20-50	PC 20-1	45-50 mm	20 mm
5565-20-55	PC 20-1	50-55 mm	20 mm
5565-20-60	PC 20-1	55-60 mm	20 mm
5565-20-65	PC 20-1	60-65 mm	20 mm
5565-20-70	PC 20-1	65-70 mm	20 mm
5565-20-80	PC 20-1	75-80 mm	20 mm
5565-20-85	PC 20-1	80-85 mm	20 mm



5566-20
Hose clamp
 PC 20-2 double
 Stainless steel AISI 316
 W5
 PRODUCT GROUP 510

Part number	Type	Dim. range	Band width
5566-20-50	PC 20-2	40-50 mm	20 mm
5566-20-55	PC 20-2	45-55 mm	20 mm
5566-20-60	PC 20-2	50-60 mm	20 mm
5566-20-65	PC 20-2	55-65 mm	20 mm
5566-20-70	PC 20-2	60-70 mm	20 mm
5566-20-75	PC 20-2	65-75 mm	20 mm
5566-20-80	PC 20-2	70-80 mm	20 mm
5566-20-85	PC 20-2	75-85 mm	20 mm
5566-20-90	PC 20-2	80-90 mm	20 mm
5566-20-95	PC 20-2	85-95 mm	20 mm
5566-21-00	PC 20-2	90-100 mm	20 mm
5566-21-05	PC 20-2	95-105 mm	20 mm
5566-21-10	PC 20-2	100-110 mm	20 mm
5566-21-15	PC 20-2	105-115 mm	20 mm
5566-21-20	PC 20-2	110-120 mm	20 mm
5566-21-25	PC 20-2	115-125 mm	20 mm
5566-21-30	PC 20-2	120-130 mm	20 mm
5566-21-35	PC 20-2	125-135 mm	20 mm
5566-21-40	PC 20-2	130-140 mm	20 mm
5566-21-45	PC 20-2	135-145 mm	20 mm
5566-21-50	PC 20-2	140-150 mm	20 mm
5566-21-60	PC 20-2	150-160 mm	20 mm



5562
Rubber clamp
 Stainless steel AISI 304
 W4
 PRODUCT GROUP 510

Part number	Type	Max dim.	Band width
5562-00-04S	Rubber clamp	6 mm	12,7 mm
5562-00-05S	Rubber clamp	8 mm	12,7 mm
5562-00-06S	Rubber clamp	10 mm	12,7 mm
5562-00-08S	Rubber clamp	13 mm	12,7 mm
5562-00-09S	Rubber clamp	14 mm	12,7 mm
5562-00-10S	Rubber clamp	15 mm	12,7 mm
5562-00-11S	Rubber clamp	18 mm	12,7 mm
5562-00-12S	Rubber clamp	19 mm	12,7 mm
5562-00-13S	Rubber clamp	21 mm	12,7 mm
5562-00-14S	Rubber clamp	22 mm	12,7 mm
5562-00-16S	Rubber clamp	25 mm	12,7 mm
5562-00-18S	Rubber clamp	29 mm	12,7 mm



5420-03
Hose clamp lock
 Stainless steel AISI 304
 W4
 PRODUCT GROUP 500

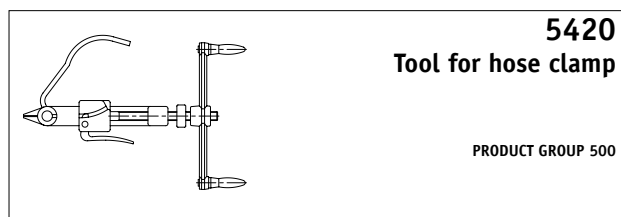
Part number	Type	No./pack
5420-03-04	Hose clamp lock stainless	1/4" 100
5420-03-06	Hose clamp lock stainless	3/8" 100
5420-03-08	Hose clamp lock stainless	1/2" 100
5420-03-10	Hose clamp lock stainless	5/8" 100
5420-03-12	Hose clamp lock stainless	3/4" 100



5560-3
Oetiker Stepless
 Stainless steel AISI 304
 W4

PRODUCT GROUP 510

Part number	Type	Band width
5560-30-65	Oetiker stepless	5,3-6,5 mm
5560-30-87	Oetiker stepless	7,0-8,7 mm
5560-31-13	Oetiker stepless	9,6-11,3 mm
5560-31-23	Oetiker stepless	9,8-12,3 mm
5560-31-45	Oetiker stepless	12,0-14,5 mm
5560-31-57	Oetiker stepless	13,2-15,7 mm
5560-31-70	Oetiker stepless	14,5-17,0 mm
5560-31-75	Oetiker stepless	15,0-17,5 mm
5560-31-85	Oetiker stepless	15,3-18,5 mm
5560-31-98	Oetiker stepless	16,6-19,8 mm
5560-32-10	Oetiker stepless	17,8-21,0 mm
5560-32-26	Oetiker stepless	19,4-22,6 mm
5560-32-35	Oetiker stepless	20,3-23,5 mm
5560-32-41	Oetiker stepless	20,9-24,1 mm
5560-32-56	Oetiker stepless	22,4-25,6 mm
5560-32-71	Oetiker stepless	23,9-27,1 mm
5560-32-86	Oetiker stepless	25,4-28,6 mm
5560-33-01	Oetiker stepless	26,9-30,1 mm
5560-33-08	Oetiker stepless	27,6-30,8 mm
5560-33-46	Oetiker stepless	31,4-34,6 mm
5560-33-61	Oetiker stepless	32,9-36,1 mm



5420
Tool for hose clamp

PRODUCT GROUP 500

Part number	Type
5420-00-00	Tool for hose clamp



5420-01
Hose clamp
 Stainless steel AISI 304
 W4

PRODUCT GROUP 500

Part number	Type	No./pack
5420-01-04	Hose clamp stainless	1/4" 30
5420-01-06	Hose clamp stainless	3/8" 30
5420-01-08	Hose clamp stainless	1/2" 30
5420-01-10	Hose clamp stainless	5/8" 30
5420-01-12	Hose clamp stainless	3/4" 30



**5601-03****Rubber steel bonded washer**

Stainless steel AISI 316

PRODUCT GROUP 510

Part number	Type	For thread
5601-03-02	Rubber steel bonded washer	G 1/8"
5601-03-04	Rubber steel bonded washer	G 1/4"
5601-03-06	Rubber steel bonded washer	G 3/8"
5601-03-08	Rubber steel bonded washer	G 1/2"
5601-03-10	Rubber steel bonded washer	G 5/8"
5601-03-12	Rubber steel bonded washer	G 3/4"
5601-03-16	Rubber steel bonded washer	G 1"
5601-03-20	Rubber steel bonded washer	G 1 1/4"
5601-03-24	Rubber steel bonded washer	G 1 1/2"
5601-03-32	Rubber steel bonded washer	G 2"

**5601-04****Rubber steel bonded washer**

Stainless steel AISI 316

PRODUCT GROUP 510

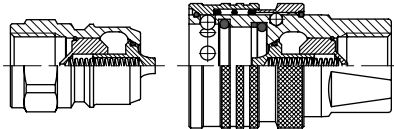
Part number	Type	For thread
5601-04-04	Rubber steel bonded washer	M 4
5601-04-05	Rubber steel bonded washer	M 5
5601-04-06	Rubber steel bonded washer	M 6
5601-04-08	Rubber steel bonded washer	M 8
5601-04-10	Rubber steel bonded washer	M 10
5601-04-12	Rubber steel bonded washer	M 12
5601-04-14	Rubber steel bonded washer	M 14
5601-04-16	Rubber steel bonded washer	M 16
5601-04-18	Rubber steel bonded washer	M 18
5601-04-20	Rubber steel bonded washer	M 20
5601-04-22	Rubber steel bonded washer	M 22
5601-04-24	Rubber steel bonded washer	M 24

**5650****Lubricant for stainless steel assembly**

PRODUCT GROUP 505

Part number	Type
5650-00-05	Lubricant for SS assembly, 250 ml

For safety data sheet, see our website www.hydros cand.com



Interchangeable with Cejn 525, TEMA T-series quick release fitting, standard modell, without valve and with pressure eliminator//AISI 316

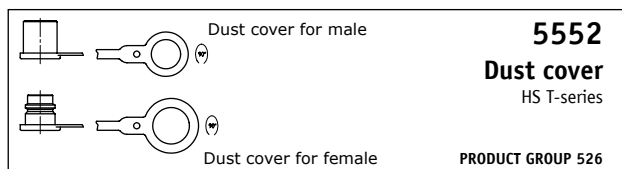
5552
HS series QRT

PRODUCT GROUP 526

Dim.	Male	Female	PN MPa	Thread	Length
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T-SERIES AISI 316

1/4"	5552-02-04S	5552-03-04S	45,0	G 1/4" F	81,0 mm
3/8"	5552-02-06S	5552-03-06S	35,0	G 3/8" F	74,0 mm
1/2"	5552-02-08S	5552-03-08S	30,0	G 1/2" F	82,0 mm
3/4"	5552-02-12S	5552-03-12S	28,0	G 3/4" F	91,0 mm
1"	5552-02-16S	5552-03-16S	25,0	G 1" F	108,0 mm



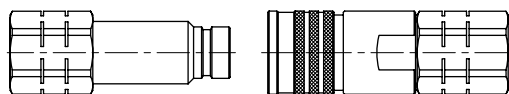
PRODUCT GROUP 526



PRODUCT GROUP 526

Dim.	Male	Female
1/8"	5552-04-02	5552-05-02
1/4"	5552-04-04	5552-05-04
3/8"	5552-04-06	5552-05-06
1/2"	5552-04-08	5552-05-08
3/4"	5552-04-12	5552-05-12
1"	5552-04-16	5552-05-16

Dim.	Part number spare part kit
1/8"	5552-07-02V
1/4"	5552-07-04V
3/8"	5552-07-06V
1/2"	5552-07-08V
3/4"	5552-07-12V
1"	5552-07-16V



Drip-free quick release fitting. Interchangeable with DNP, Faster, Holmbury, CejnX65 and TEMA F.

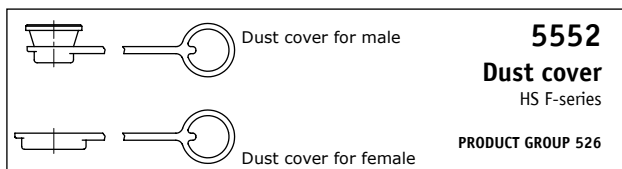
5552
HS QRF

PRODUCT GROUP 526
ISO 16028

Dim.	Male	Female	PN MPa	Thread
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F-SERIES AISI 316

1/4"	5552-42-04S	5552-43-04S	31,5	G 1/4" F
3/8"	5552-42-06S	5552-43-06S	25,0	G 3/8" F
3/8"	5552-42-07S	5552-43-07S	25,0	G 1/2" F
1/2"	5552-42-08S	5552-43-08S	25,0	G 1/2" F
1/2"	5552-42-09S	5552-43-09S	25,0	G 3/4" F
5/8"	5552-42-10S	5552-43-10S	25,0	G 3/4" F
3/4"	5552-42-12S	5552-43-12S	25,0	G 3/4" F
3/4"	5552-42-13S	5552-43-13S	25,0	G 1" F



PRODUCT GROUP 526

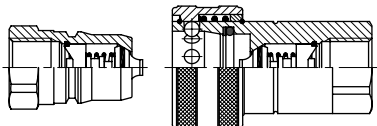


PRODUCT GROUP 526

Dim.	Male	Female
1/4"	5552-44-04	5552-45-04
3/8"	5552-44-06	5552-45-06
1/2"	5552-44-08	5552-45-08
5/8"	5552-44-10	5552-45-10
3/4"	5552-44-12	5552-45-12
1"	5552-44-16	5552-45-16

Dim.	Part number spare part kit
1/4"	5552-47-04V
3/8"	5552-47-06V
1/2"	5552-47-08V
5/8"	5552-47-10V
3/4"	5552-47-12V
1"	5552-47-16V

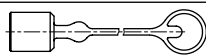




Interchangeable with Hansen series HK, Snap-Tite 72, TEMA IB series.
Safety factor 1:4

5558
HNV
AISI 316
PRODUCT GROUP 520
ISO 7241-1B

Dim.	Male	Female	PN MPa	Thread
1/4"	5558-95-04	5558-96-04	30,0	G 1/4" F
3/8"	5558-95-06	5558-96-06	25,0	G 3/8" F
1/2"	5558-95-08	5558-96-08	25,0	G 1/2" F
3/4"	5558-95-12	5558-96-12	25,0	G 3/4" F
1"	5558-95-16	5558-96-16	21,0	G 1" F



Dust cover for male



Dust cover for female

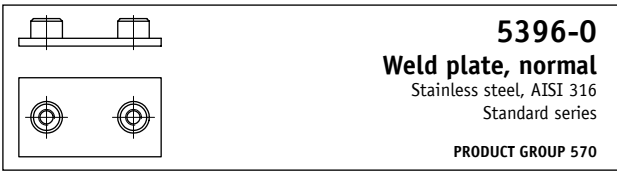
5558
Dust cover
Red
PRODUCT GROUP 520
ISO 7241-1B



5558
Spare part kit
Nitrile
PRODUCT GROUP 520
ISO 7241-1B

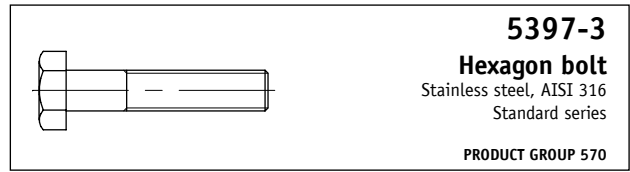
Dim.	Male	Female
1/4"	5558-34-04	5558-35-04
3/8"	5558-34-06	5558-35-06
1/2"	5558-34-08	5558-35-08
3/4"	5558-34-12	5558-35-12
1"	5558-34-16	5558-35-16
1 1/2"	5558-34-24	5558-35-24

Dim.	Part number spare part kit
1/8"	5558-59-02
1/4"	5558-59-04
3/8"	5558-59-06
1/2"	5558-59-08
3/4"	5558-59-12
1"	5558-59-16



5396-0
Weld plate, normal
 Stainless steel, AISI 316
 Standard series
 PRODUCT GROUP 570

Part number	Type	Group
5396-01-01	WP-1	1
5396-02-01	WP-2	2
5396-03-01	WP-3	3
5396-04-01	WP-4	4
5396-05-01	WP-5	5
5396-06-01	WP-6	6
5396-07-01	WP-7	7



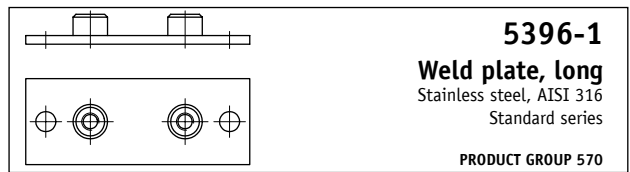
5397-3
Hexagon bolt
 Stainless steel, AISI 316
 Standard series
 PRODUCT GROUP 570

Part number	Type	Thread	Length	Group
5397-31-30	HB	M6	30	1, 2
5397-33-35	HB	M6	35	3
5397-34-40	HB	M6	40	4
5397-35-50	HB	M6	50	5
5397-36-60	HB	M6	60	6
5397-37-70	HB	M6	70	7



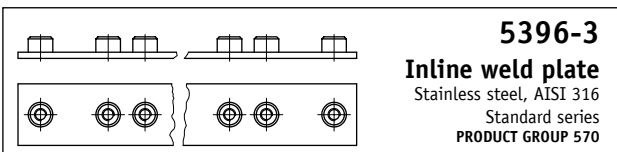
5396-7
Sectional plate
 Stainless steel, AISI 316
 Standard series
 PRODUCT GROUP 570

Part number	Type	Group
5396-71-01	SP-1	1
5396-72-01	SP-2	2
5396-73-01	SP-3	3
5396-74-01	SP-4	4
5396-75-01	SP-5	5
5396-76-01	SP-6	6
5396-77-01	SP-7	7



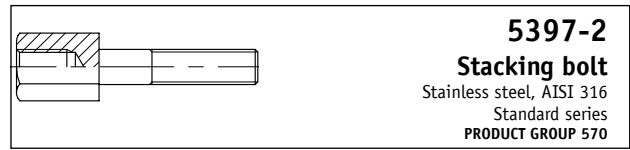
5396-1
Weld plate, long
 Stainless steel, AISI 316
 Standard series
 PRODUCT GROUP 570

Part number	Type	Group
5396-12-01	WP-2	2
5396-13-01	WP-3	3
5396-14-01	WP-4	4
5396-15-01	WP-5	5
5396-16-01	WP-6	6
5396-17-01	WP-7	7



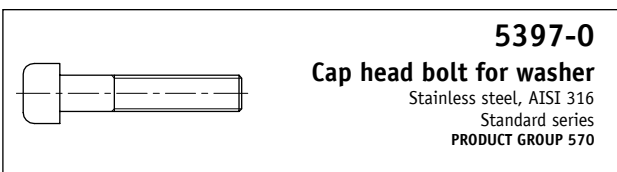
5396-3
Inline weld plate
 Stainless steel, AISI 316
 Standard series
 PRODUCT GROUP 570

Part number	Type	No. clamps	Group
5396-31-10	WP-1	10	1
5396-32-10	WP-2	10	2
5396-33-10	WP-3	10	3
5396-34-10	WP-4	10	4
5396-35-05	WP-5	5	5



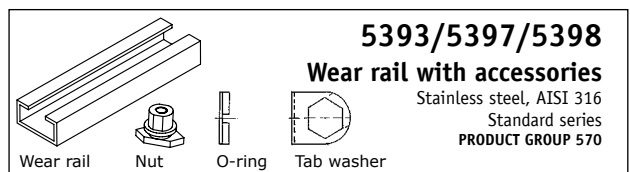
5397-2
Stacking bolt
 Stainless steel, AISI 316
 Standard series
 PRODUCT GROUP 570

Part number	Type	Thread	Length	Group
5397-21-22	SB	M6	22	1, 2
5397-23-28	SB	M6	27	3
5397-24-30	SB	M6	29	4
5397-25-40	SB	M6	39	5
5397-26-50	SB	M6	49	6
5397-27-60	SB	M6	60	7



5397-0
Cap head bolt for washer
 Stainless steel, AISI 316
 Standard series
 PRODUCT GROUP 570

Part number	Type	Thread	Length	Group
5397-01-22	C 2	M6	22	1, 2
5397-03-28	C 3	M6	28	3
5397-04-30	C 4	M6	30	4
5397-05-40	C 5	M6	40	5
5397-06-50	C 6	M6	50	6
5397-07-60	C 7	M6	60	7
5397-00-01	Washer	M6		



5393/5397/5398
Wear rail with accessories
 Stainless steel, AISI 316
 Standard series
 PRODUCT GROUP 570

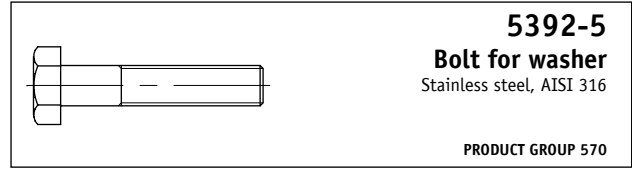
Part number	Type
5398-00-02	Nut for wear rail 6x21 mm
5393-00-03	O-ring for nut for wear rail
5398-00-05	Wear rail 2m
5397-00-04	Tab washer for stacking bolt





5391-4
Weld plate, single
 Stainless steel, AISI 316
 Heavy series
 PRODUCT GROUP 570

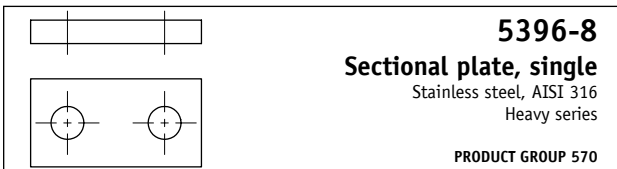
Part number	Type	Group
5391-41-01S	CP 1 HWP-1	1
5391-42-01S	CP 2 HWP-2	2
5391-43-01S	CP 3 HWP-3	3
5391-44-01S	CP 4 HWP-4	4
5391-45-01S	CP 5 HWP-5	5



5392-5
Bolt for washer
 Stainless steel, AISI 316

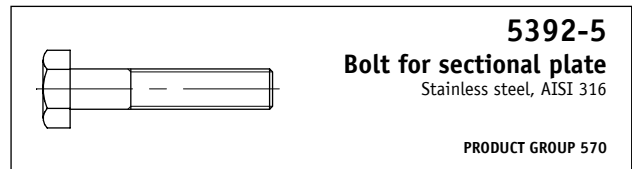
PRODUCT GROUP 570

Part number	Descr.	Thread	Length	Group
5392-51-25S	SKB	M6	30 mm	1
5392-52-30S	SKB	M6	30 mm	2
5392-53-40S	SKB	M6	40 mm	3
5392-53-45S	SKB	M6	45 mm	4
5392-55-55S	SKB	M6	55 mm	5



5396-8
Sectional plate, single
 Stainless steel, AISI 316
 Heavy series
 PRODUCT GROUP 570

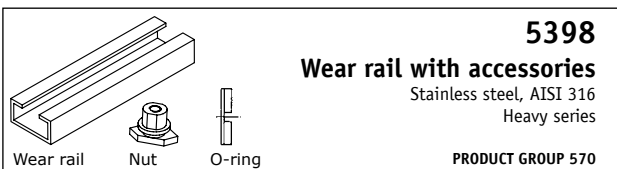
Part number	Type	Group
5396-81-01	CP 1 HSP-1	1
5396-82-01	CP 2 HSP-2	2
5396-83-01	CP 3 HSP-3	3
5396-84-01	CP 4 HSP-4	4
5396-85-01	CP 5 HSP-5	5



5392-5
Bolt for sectional plate
 Stainless steel, AISI 316

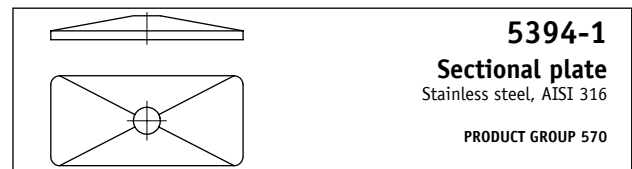
PRODUCT GROUP 570

Part number	Descr.	Thread	Length	Group
5392-33-35S	SKB	M6	35 mm	1
5392-52-35S	SKB	M6	35 mm	2
5392-53-45S	SKB	M6	45 mm	3
5392-54-50S	SKB	M6	50 mm	4
5392-55-60S	SKB	M6	60 mm	5



5398
Wear rail with accessories
 Stainless steel, AISI 316
 Heavy series
 PRODUCT GROUP 570

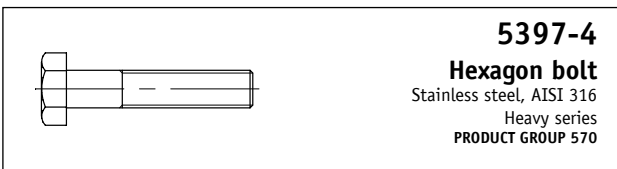
Part number	Type
5393-10-03	O-ring for nut for wear rail
5398-10-05	Wear rail for heavy series 2m 40 x 22



5394-1
Sectional plate
 Stainless steel, AISI 316

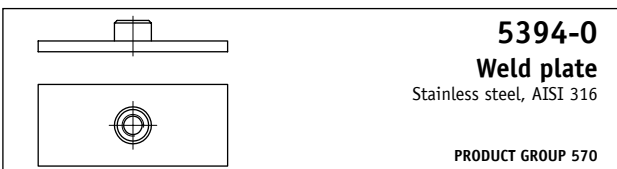
PRODUCT GROUP 570

Part number	Type	Group
5394-11-01S	CF 1 DSP-1	1
5394-12-01S	CF 2 DSP-2	2
5394-13-01S	CF 3 DSP-3	3
5394-14-01S	CF 4 DSP-4	4



5397-4
Hexagon bolt
 Stainless steel, AISI 316
 Heavy series
 PRODUCT GROUP 570

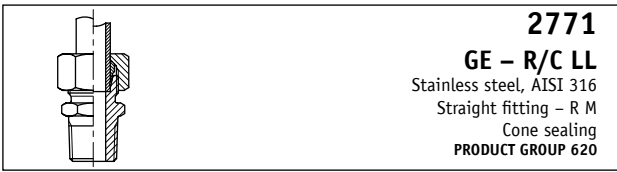
Part number	Type	Thread	Length	Group
5397-41-45	CP 1	M 10	45 mm	1
5397-42-60	CP 2	M 10	60 mm	2
5397-43-75	CP 3	M 10	75 mm	3
5397-44-11	CP 4	M 12	100 mm	4
5397-44-40	CP 4	M 12	400 mm	4
5397-45-13	CP 5	M 16	130 mm	5



5394-0
Weld plate
 Stainless steel, AISI 316

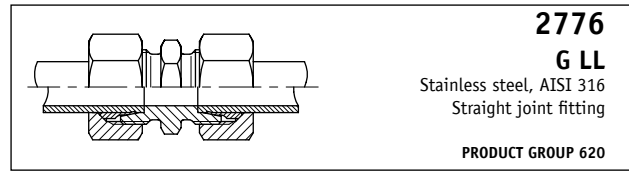
PRODUCT GROUP 570

Part number	Type	Group
5394-01-01S	CF 1 DWP-1	1
5394-02-01S	CF 2 DWP-2	2
5394-03-01S	CF 3 DWP-3	3
5394-04-01S	CF 4 DWP-4	4
5394-05-01S	CF 5 DWP-5	5



2771
GE – R/C LL
 Stainless steel, AISI 316
 Straight fitting – R M
 Cone sealing
PRODUCT GROUP 620

Part number	Type	Pipe dim.	Thread
2771-04-02	GE 4 LL	4 mm	R 1/8"
2771-06-02	GE 6 LL	6 mm	R 1/8"
2771-08-02	GE 8 LL	8 mm	R 1/8"
2771-08-04	GE 8 LL	8 mm	R 1/4"



2776
G LL
 Stainless steel, AISI 316
 Straight joint fitting
PRODUCT GROUP 620

Part number	Type	Pipe dim.
2776-04-04	G 4 LL	4 mm
2776-06-06	G 6 LL	6 mm
2776-08-08	G 8 LL	8 mm
2776-10-10	G 10 LL	10 mm



2772
GE – MK/C LL
 Stainless steel, AISI 316
 Straight fitting – MK M
 Cone sealing
PRODUCT GROUP 620

Part number	Type	Pipe dim.	Thread
2772-04-06	GE 4 LL	4 mm	M 6 x 1 k
2772-04-08	GE 4 LL	4 mm	M 8 x 1 k
2772-06-06	GE 6 LL	6 mm	M 6 x 1 k
2772-06-08	GE 6 LL	6 mm	M 8 x 1 k
2772-06-10	GE 6 LL	6 mm	M 10 x 1 k
2772-08-10	GE 8 LL	8 mm	M 10 x 1 k



2778
W LL
 Stainless steel, AISI 316
 Elbow joint fitting
PRODUCT GROUP 620

Part number	Type	Pipe dim.
2778-04-04	W 4 LL	4 mm
2778-06-06	W 6 LL	6 mm
2778-08-08	W 8 LL	8 mm



2777
GE – NPT LL
 Stainless steel, AISI 316
 Straight fitting – NPT M
 Cone sealing
PRODUCT GROUP 620

Part number	Type	Pipe dim.	Thread
2777-04-02	GE 4 LL	4 mm	1/8"-27 NPT
2777-06-02	GE 6 LL	6 mm	1/8"-27 NPT
2777-08-02	GE 8 LL	8 mm	1/8"-27 NPT



2779
D LL
 Stainless steel, AISI 316
 Cutting ring
PRODUCT GROUP 620

Part number	Type	Pipe dim.
2779-00-04	D 4 LL	4 mm
2779-00-06	D 6 LL	6 mm
2779-00-08	D 8 LL	8 mm



2773
WE – R/C LL
 Stainless steel, AISI 316
 Elbow fitting – R M
 Cone sealing
PRODUCT GROUP 620

Part number	Type	Pipe dim.	Thread
2773-04-02	WE 4 LL	4 mm	R 1/8"
2773-06-02	WE 6 LL	6 mm	R 1/8"
2773-08-02	WE 8 LL	8 mm	R 1/8"



2780
M LL
 Stainless steel, AISI 316
 Nut
PRODUCT GROUP 620

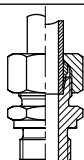
Part number	Type	Pipe dim.	Thread
2780-00-04	M 4 LL	4 mm	M 8 x 1.0
2780-00-06	M 6 LL	6 mm	M 10 x 1.0
2780-00-08	M 8 LL	8 mm	M 12 x 1.0



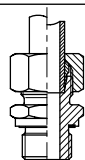
2774
WE – MK/C LL
 Stainless steel, AISI 316
 90° elbow fitting – MK M
 Cone sealing
PRODUCT GROUP 620

Part number	Type	Pipe dim.	Thread
2774-04-06	WE 4 LL	4 mm	M 6 x 1 k
2774-04-08	WE 4 LL	4 mm	M 8 x 1 k
2774-06-06	WE 6 LL	6 mm	M 6 x 1 k
2774-06-08	WE 6 LL	6 mm	M 8 x 1 k
2774-06-10	WE 6 LL	6 mm	M 10 x 1 k
2774-08-10	WE 8 LL	8 mm	M 10 x 1 k



**2603/2803**

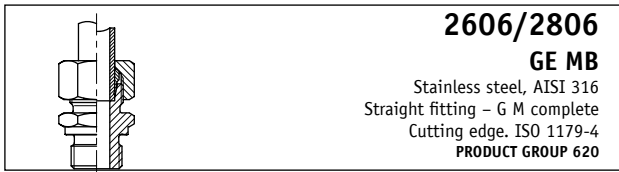
GE – GB
Stainless steel, AISI 316
Straight fitting – G M
Complete
PRODUCT GROUP 620

**2609/2809**

GE – G/ED
Stainless steel, AISI 316
Straight fitting – G M
Complete
PRODUCT GROUP 620

Part number	Type	Pipe dim.	Thread
2603-06-02	GE 6 L	6 mm	G 1/8" M
2603-06-04	GE 6 L	6 mm	G 1/4" M
2603-06-06	GE 6 L	6 mm	G 3/8" M
2603-06-08	GE 6 L	6 mm	G 1/2" M
2603-08-02	GE 8 L	8 mm	G 1/8" M
2603-08-04	GE 8 L	8 mm	G 1/4" M
2603-08-06	GE 8 L	8 mm	G 3/8" M
2603-08-08	GE 8 L	8 mm	G 1/2" M
5603-10-02	GE 10 L	10 mm	G 1/8" M
2603-10-04	GE 10 L	10 mm	G 1/4" M
2603-10-06	GE 10 L	10 mm	G 3/8" M
2603-10-08	GE 10 L	10 mm	G 1/2" M
2603-12-02	GE 12 L	12 mm	G 1/8" M
2603-12-04	GE 12 L	12 mm	G 1/4" M
2603-12-06	GE 12 L	12 mm	G 3/8" M
2603-12-08	GE 12 L	12 mm	G 1/2" M
2603-12-12	GE 12 L	12 mm	G 3/4" M
2603-15-04	GE 15 L	15 mm	G 1/4" M
2603-15-06	GE 15 L	15 mm	G 3/8" M
2603-15-08	GE 15 L	15 mm	G 1/2" M
2603-15-12	GE 15 L	15 mm	G 3/4" M
2603-18-06	GE 18 L	18 mm	G 3/8" M
2603-18-08	GE 18 L	18 mm	G 1/2" M
2603-18-12	GE 18 L	18 mm	G 3/4" M
2603-22-08	GE 22 L	22 mm	G 1/2" M
2603-22-12	GE 22 L	22 mm	G 3/4" M
2603-22-16	GE 22 L	22 mm	G 1" M
2603-28-12	GE 28 L	28 mm	G 3/4" M
2603-28-16	GE 28 L	28 mm	G 1" M
2603-28-20	GE 28 L	28 mm	G 1 1/4" M
2603-35-16	GE 35 L	35 mm	G 1" M
2603-35-20	GE 35 L	35 mm	G 1 1/4" M
2603-35-24	GE 35 L	35 mm	G 1 1/2" M
2603-42-20	GE 42 L	42 mm	G 1 1/4" M
2603-42-24	GE 42 L	42 mm	G 1 1/2" M
2803-06-02	GE 6 S	6 mm	G 1/8" M
2803-06-04	GE 6 S	6 mm	G 1/4" M
2803-06-06	GE 6 S	6 mm	G 3/8" M
2803-06-08	GE 6 S	6 mm	G 1/2" M
2803-08-02	GE 8 S	8 mm	G 1/8" M
2803-08-04	GE 8 S	8 mm	G 1/4" M
2803-08-06	GE 8 S	8 mm	G 3/8" M
2803-08-08	GE 8 S	8 mm	G 1/2" M
2803-10-04	GE 10 S	10 mm	G 1/4" M
2803-10-06	GE 10 S	10 mm	G 3/8" M
2803-10-08	GE 10 S	10 mm	G 1/2" M
2803-12-04	GE 12 S	12 mm	G 1/4" M
2803-12-06	GE 12 S	12 mm	G 3/8" M
2803-12-08	GE 12 S	12 mm	G 1/2" M
2803-14-06	GE 14 S	14 mm	G 3/8" M
2803-14-08	GE 14 S	14 mm	G 1/2" M
2803-16-06	GE 16 S	16 mm	G 3/8" M
2803-16-08	GE 16 S	16 mm	G 1/2" M
2803-16-12	GE 16 S	16 mm	G 3/4" M
2803-20-08	GE 20 S	20 mm	G 1/2" M
2803-20-12	GE 20 S	20 mm	G 3/4" M
2803-20-16	GE 20 S	20 mm	G 1" M
2803-20-20	GE 20 S	20 mm	G 1 1/4" M
2803-25-08	GE 25 S	25 mm	G 1/2" M
2803-25-12	GE 25 S	25 mm	G 3/4" M
2803-25-16	GE 25 S	25 mm	G 1" M
2803-25-20	GE 25 S	25 mm	G 1 1/4" M
2803-30-16	GE 30 S	30 mm	G 1" M
2803-30-20	GE 30 S	30 mm	G 1 1/4" M
2803-30-24	GE 30 S	30 mm	G 1 1/2" M
2803-38-16	GE 38 S	38 mm	G 1" M
2803-38-20	GE 38 S	38 mm	G 1 1/4" M
2803-38-24	GE 38 S	38 mm	G 1 1/2" M

Part number	Type	Pipe dim.	Thread
2609-06-02	GE 6 L	6 mm	G 1/8" M
2609-06-04	GE 6 L	6 mm	G 1/4" M
2609-06-06	GE 6 L	6 mm	G 3/8" M
2609-06-08	GE 6 L	6 mm	G 1/2" M
2609-08-02	GE 8 L	8 mm	G 1/8" M
2609-08-04	GE 8 L	8 mm	G 1/4" M
2609-08-06	GE 8 L	8 mm	G 3/8" M
2609-08-08	GE 8 L	8 mm	G 1/2" M
2609-10-04	GE 10 L	10 mm	G 1/4" M
2609-10-06	GE 10 L	10 mm	G 3/8" M
2609-10-08	GE 10 L	10 mm	G 1/2" M
2609-12-04	GE 12 L	12 mm	G 1/4" M
2609-12-06	GE 12 L	12 mm	G 3/8" M
2609-12-08	GE 12 L	12 mm	G 1/2" M
2609-12-12	GE 12 L	12 mm	G 3/4" M
2609-15-06	GE 15 L	15 mm	G 3/8" M
2609-15-08	GE 15 L	15 mm	G 1/2" M
2609-15-12	GE 15 L	15 mm	G 3/4" M
2609-18-06	GE 18 L	18 mm	G 3/8" M
2609-18-08	GE 18 L	18 mm	G 1/2" M
2609-18-12	GE 18 L	18 mm	G 3/4" M
2609-22-08	GE 22 L	22 mm	G 1/2" M
2609-22-12	GE 22 L	22 mm	G 3/4" M
2609-22-16	GE 22 L	22 mm	G 1" M
2609-28-12	GE 28 L	28 mm	G 3/4" M
2609-28-16	GE 28 L	28 mm	G 1" M
2609-28-20	GE 28 L	28 mm	G 1 1/4" M
2609-35-16	GE 35 L	35 mm	G 1" M
2609-35-20	GE 35 L	35 mm	G 1 1/4" M
2609-35-24	GE 35 L	35 mm	G 1 1/2" M
2609-42-20	GE 42 L	42 mm	G 1 1/4" M
2609-42-24	GE 42 L	42 mm	G 1 1/2" M
2809-06-04	GE 6 S	6 mm	G 1/4" M
2809-06-06	GE 6 S	6 mm	G 3/8" M
2809-06-08	GE 6 S	6 mm	G 1/2" M
2809-08-02	GE 8 S	8 mm	G 1/8" M
2809-08-04	GE 8 S	8 mm	G 1/4" M
2809-08-06	GE 8 S	8 mm	G 3/8" M
2809-08-08	GE 8 S	8 mm	G 1/2" M
2809-10-04	GE 10 S	10 mm	G 1/4" M
2809-10-06	GE 10 S	10 mm	G 3/8" M
2809-10-08	GE 10 S	10 mm	G 1/2" M
2809-12-04	GE 12 S	12 mm	G 1/4" M
2809-12-06	GE 12 S	12 mm	G 3/8" M
2809-12-08	GE 12 S	12 mm	G 1/2" M
2809-14-06	GE 14 S	14 mm	G 3/8" M
2809-14-08	GE 14 S	14 mm	G 1/2" M
2809-16-06	GE 16 S	16 mm	G 3/8" M
2809-16-08	GE 16 S	16 mm	G 1/2" M
2809-16-12	GE 16 S	16 mm	G 3/4" M
2809-20-08	GE 20 S	20 mm	G 1/2" M
2809-20-12	GE 20 S	20 mm	G 3/4" M
2809-20-16	GE 20 S	20 mm	G 1" M
2809-25-12	GE 25 S	25 mm	G 3/4" M
2809-25-16	GE 25 S	25 mm	G 1" M
2809-25-20	GE 25 S	25 mm	G 1 1/4" M
2809-30-16	GE 30 S	30 mm	G 1" M
2809-30-20	GE 30 S	30 mm	G 1 1/4" M
2809-30-24	GE 30 S	30 mm	G 1 1/2" M
2809-38-16	GE 38 S	38 mm	G 1" M
2809-38-20	GE 38 S	38 mm	G 1 1/4" M
2809-38-24	GE 38 S	38 mm	G 1 1/2" M



2606/2806

GE MB

Stainless steel, AISI 316
Straight fitting – G M complete
Cutting edge. ISO 1179-4
PRODUCT GROUP 620



2607/2807

GE – NPT

Stainless steel, AISI 316
Straight fitting – NPT M complete
ANSI/ASME B1.20.1-1983
PRODUCT GROUP 620

Part number	Type	Pipe dim.	Thread
2606-06-10	GE 6 L	6 mm	M 10 x 1.0
2606-06-12	GE 6 L	6 mm	M 12 x 1.5
2606-08-10	GE 8 L	8 mm	M 10 x 1.0
2606-08-12	GE 8 L	8 mm	M 12 x 1.5
2606-10-14	GE 10 L	10 mm	M 14 x 1.5
2606-12-14	GE 12 L	12 mm	M 14 x 1.5
2606-12-16	GE 12 L	12 mm	M 16 x 1.5
2606-15-16	GE 15 L	15 mm	M 16 x 1.5
2606-15-18	GE 15 L	15 mm	M 18 x 1.5
2606-18-22	GE 18 L	18 mm	M 22 x 1.5
2606-22-26	GE 22 L	22 mm	M 26 x 1.5
2606-28-33	GE 28 L	28 mm	M 33 x 2.0
2606-42-48	GE 42 L	42 mm	M 48 x 2.0
2806-06-12	GE 6 S	6 mm	M 12 x 1.5
2806-08-14	GE 8 S	8 mm	M 14 x 1.5
2806-10-16	GE 10 S	10 mm	M 16 x 1.5
2806-12-18	GE 12 S	12 mm	M 18 x 1.5
2806-14-20	GE 14 S	14 mm	M 20 x 1.5
2806-16-22	GE 16 S	16 mm	M 22 x 1.5
2806-20-27	GE 20 S	20 mm	M 27 x 2.0
2806-25-33	GE 25 S	25 mm	M 33 x 2.0
2806-30-42	GE 30 S	30 mm	M 42 x 2.0
2806-38-48	GE 38 S	38 mm	M 48 x 2.0

Part number	Type	Pipe dim.	Thread
2607-06-02	GE 6 L	6 mm	1/8"-27 NPT
2607-06-04	GE 6 L	6 mm	1/4"-18 NPT
2607-06-06	GE 6 L	6 mm	3/8"-18 NPT
2607-06-08	GE 6 L	6 mm	1/2"-14 NPT
2607-08-02	GE 8 L	8 mm	1/8"-27 NPT
2607-08-04	GE 8 L	8 mm	1/4"-18 NPT
2607-08-06	GE 8 L	8 mm	3/8"-18 NPT
2607-08-08	GE 8 L	8 mm	1/2"-14 NPT
2607-10-02	GE 10 L	10 mm	1/8"-27 NPT
2607-10-04	GE 10 L	10 mm	1/4"-18 NPT
2607-10-06	GE 10 L	10 mm	3/8"-18 NPT
2607-10-08	GE 10 L	10 mm	1/2"-14 NPT
2607-12-04	GE 12 L	12 mm	1/4"-18 NPT
2607-12-06	GE 12 L	12 mm	3/8"-18 NPT
2607-12-08	GE 12 L	12 mm	1/2"-14 NPT
2607-12-12	GE 12 L	12 mm	3/4"-14 NPT
2607-15-08	GE 15 L	15 mm	1/2"-14 NPT
2607-15-12	GE 15 L	15 mm	3/4"-14 NPT
2607-18-08	GE 18 L	18 mm	1/2"-14 NPT
2607-22-08	GE 22 L	22 mm	1/2"-14 NPT
2607-22-12	GE 22 L	22 mm	3/4"-14 NPT
2607-28-16	GE 28 L	28 mm	1"-11 1/2 NPT
2607-35-20	GE 35 L	35 mm	1 1/4"-11 1/2 NPT
2607-42-24	GE 42 L	42 mm	1 1/2"-11 1/2 NPT

2807-06-04	GE 6 S	6 mm	1/4"-18 NPT
2807-06-06	GE 6 S	6 mm	3/8"-18 NPT
2807-06-08	GE 6 S	6 mm	1/2"-14 NPT
2807-08-04	GE 8 S	8 mm	1/4"-18 NPT
2807-08-06	GE 8 S	8 mm	3/8"-18 NPT
2807-08-08	GE 8 S	8 mm	1/2"-14 NPT
2807-10-04	GE 10 S	10 mm	1/4"-18 NPT
2807-10-06	GE 10 S	10 mm	3/8"-18 NPT
2807-10-08	GE 10 S	10 mm	1/2"-14 NPT
2807-12-04	GE 12 S	12 mm	1/4"-18 NPT
2807-12-06	GE 12 S	12 mm	3/8"-18 NPT
2807-12-08	GE 12 S	12 mm	1/2"-14 NPT
2807-14-08	GE 14 S	14 mm	1/2"-14 NPT
2807-16-06	GE 16 S	16 mm	3/8"-18 NPT
2807-16-08	GE 16 S	16 mm	1/2"-14 NPT
2807-16-12	GE 16 S	16 mm	3/4"-14 NPT
2807-20-08	GE 20 S	20 mm	1/2"-14 NPT
2807-20-12	GE 20 S	20 mm	3/4"-14 NPT
2807-25-12	GE 25 S	25 mm	3/4"-14 NPT
2807-25-16	GE 25 S	25 mm	1"-11 1/2 NPT
2807-30-16	GE 30 S	30 mm	1"-11 1/2 NPT
2807-30-20	GE 30 S	30 mm	1 1/4"-11 1/2 NPT
2807-38-20	GE 38 S	38 mm	1 1/4"-11 1/2 NPT
2807-38-24	GE 38 S	38 mm	1 1/2"-11 1/2 NPT

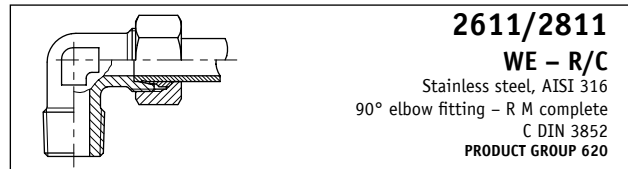




2608/2808

GE – UNF

Stainless steel, AISI 316
Straight fitting – UNF M complete
O-ring UN-UNF SAE J514
PRODUCT GROUP 620



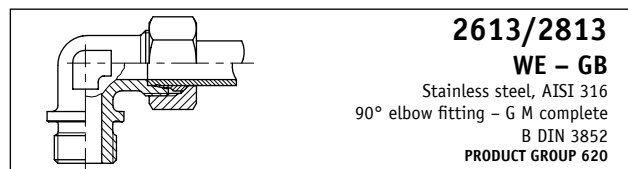
2611/2811

WE – R/C

Stainless steel, AISI 316
90° elbow fitting – R M complete
C DIN 3852
PRODUCT GROUP 620

Part number	Type	Pipe dim.	Thread
2608-06-07	GE 6 L	6 mm	7/16"-20 UNF
2608-08-07	GE 8 L	8 mm	7/16"-20 UNF
2608-08-08	GE 8 L	8 mm	1/2"-20 UNF
2608-10-07	GE 10 L	10 mm	7/16"-20 UNF
2608-10-09	GE 10 L	10 mm	9/16"-18 UNF
2608-12-09	GE 12 L	12 mm	9/16"-18 UNF
2608-12-12	GE 12 L	12 mm	3/4"-16 UNF
2608-12-14	GE 12 L	12 mm	7/8"-14 UNF
2608-15-12	GE 15 L	15 mm	3/4"-16 UNF
2608-15-14	GE 15 L	15 mm	7/8"-14 UNF
2608-18-12	GE 18 L	18 mm	3/4"-16 UNF
2608-18-14	GE 18 L	18 mm	7/8"-14 UNF
2608-22-14	GE 22 L	22 mm	7/8"-14 UNF
2608-22-17	GE 22 L	22 mm	1 1/16"-12 UN
2608-22-21	GE 22 L	22 mm	1 5/16"-12 UN
2608-28-17	GE 28 L	28 mm	1 1/16"-12 UN
2608-28-21	GE 28 L	28 mm	1 5/16"-12 UN
2608-35-21	GE 35 L	35 mm	1 5/16"-12 UN
2608-35-26	GE 35 L	35 mm	1 5/8"-12 UN
2608-42-26	GE 42 L	42 mm	1 5/8"-12 UN
2808-08-07	GE 8 S	8 mm	7/16"-20 UNF
2808-08-08	GE 8 S	8 mm	1/2"-20 UNF
2808-10-09	GE 10 S	10 mm	9/16"-18 UNF
2808-12-09	GE 12 S	12 mm	9/16"-18 UNF
2808-12-12	GE 12 S	12 mm	3/4"-16 UNF
2808-16-12	GE 16 S	16 mm	3/4"-16 UNF
2808-16-14	GE 16 S	16 mm	7/8"-14 UNF
2808-16-17	GE 16 S	16 mm	1 1/16"-12 UN
2808-20-12	GE 20 S	20 mm	3/4"-16 UNF
2808-20-14	GE 20 S	20 mm	7/8"-14 UNF
2808-20-17	GE 20 S	20 mm	1 1/16"-12 UN
2808-25-17	GE 25 S	25 mm	1 1/16"-12 UN
2808-25-21	GE 25 S	25 mm	1 5/16"-12 UN
2808-30-21	GE 30 S	30 mm	1 5/16"-12 UN
2808-30-26	GE 30 S	30 mm	1 5/8"-12 UN
2808-38-26	GE 38 S	38 mm	1 5/8"-12 UN
2808-38-30	GE 38 S	38 mm	1 7/8"-12 UN

Part number	Type	Pipe dim.	Thread
2611-06-02	WE 6 L	6 mm	R 1/8" M
2611-06-04	WE 6 L	6 mm	R 1/4" M
2611-08-02	WE 8 L	8 mm	R 1/8" M
2611-08-04	WE 8 L	8 mm	R 1/4" M
2611-08-06	WE 8 L	8 mm	R 3/8" M
2611-08-08	WE 8 L	8 mm	R 1/2" M
2611-10-02	WE 10 L	10 mm	R 1/8" M
2611-10-04	WE 10 L	10 mm	R 1/4" M
2611-10-06	WE 10 L	10 mm	R 3/8" M
2611-10-08	WE 10 L	10 mm	R 1/2" M
2611-12-02	WE 12 L	12 mm	R 1/8" M
2611-12-04	WE 12 L	12 mm	R 1/4" M
2611-12-06	WE 12 L	12 mm	R 3/8" M
2611-12-08	WE 12 L	12 mm	R 1/2" M
2611-15-06	WE 15 L	15 mm	R 3/8" M
2611-15-08	WE 15 L	15 mm	R 1/2" M
2611-18-08	WE 18 L	18 mm	R 1/2" M
2611-22-12	WE 22 L	22 mm	R 3/4" M
2611-28-16	WE 28 L	28 mm	R 1" M
2811-06-04	WE 6 S	6 mm	R 1/4" M
2811-08-04	WE 8 S	8 mm	R 1/4" M
2811-08-06	WE 8 S	8 mm	R 3/8" M
2811-08-08	WE 8 S	8 mm	R 1/2" M
2811-10-04	WE 10 S	10 mm	R 1/4" M
2811-10-06	WE 10 S	10 mm	R 3/8" M
2811-10-08	WE 10 S	10 mm	R 1/2" M
2811-12-04	WE 12 S	12 mm	R 1/4" M
2811-12-06	WE 12 S	12 mm	R 3/8" M
2811-12-08	WE 12 S	12 mm	R 1/2" M
2811-14-08	WE 14 S	14 mm	R 1/2" M
2811-16-08	WE 16 S	16 mm	R 1/2" M
2811-20-12	WE 20 S	20 mm	R 3/4" M
2811-25-16	WE 25 S	25 mm	R 1" M

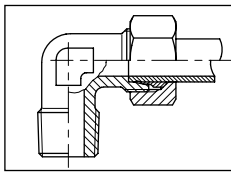


2613/2813

WE – GB

Stainless steel, AISI 316
90° elbow fitting – G M complete
B DIN 3852
PRODUCT GROUP 620

Part number	Type	Pipe dim.	Thread
2613-22-12	WE 22 L	22 mm	G 3/4" M
2613-28-16	WE 28 L	28 mm	G 1" M
2613-35-20	WE 35 L	35 mm	G 1 1/4" M
2613-42-24	WE 42 L	42 mm	G 1 1/2" M
2813-20-12	WE 20 S	20 mm	G 3/4" M
2813-25-16	WE 25 S	25 mm	G 1" M
2813-30-20	WE 30 S	30 mm	G 1 1/4" M
2813-38-24	WE 38 S	38 mm	G 1 1/2" M

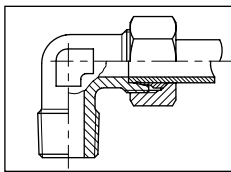


2614/2814

WE MB

Stainless steel – MK M complete
C DIN 3852
PRODUCT GROUP 620

Part number	Type	Pipe dim.	Thread
2614-06-10	WE 6 LM	6 mm	M 10 x 1,0
2614-08-12	WE 8 LM	8 mm	M 12 x 1,5
2614-10-14	WE 10 LM	10 mm	M 14 x 1,5
2614-12-16	WE 12 LM	12 mm	M 16 x 1,5
2614-15-18	WE 15 LM	15 mm	M 18 x 1,5
2614-18-22	WE 18 LM	18 mm	M 22 x 1,5
2814-06-12	WE 6 SM	6 mm	M 12 x 1,5
2814-08-14	WE 8 SM	8 mm	M 14 x 1,5
2814-10-16	WE 10 SM	10 mm	M 16 x 1,5
2814-12-18	WE 12 SM	12 mm	M 18 x 1,5
2814-14-20	WE 14 SM	14 mm	M 20 x 1,5
2814-16-22	WE 16 SM	16 mm	M 22 x 1,5

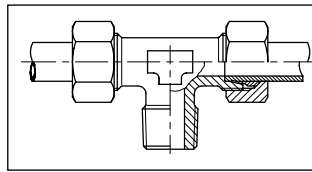


2617/2817

WE - NPT

Stainless steel, AISI 316
90° elbow fitting NPT M complete
ANSI/ASME B1.20.1-1983
PRODUCT GROUP 620

Part number	Type	Pipe dim.	Thread
2617-06-02	WE 6 L	6 mm	NPT 1/8"
2617-06-04	WE 6 L	6 mm	NPT 1/4"
2617-08-04	WE 8 L	8 mm	NPT 1/4"
2617-10-04	WE 10 L	10 mm	NPT 1/4"
2617-12-04	WE 12 L	12 mm	NPT 1/4"
2617-12-06	WE 12 L	12 mm	NPT 3/8"
2617-15-08	WE 15 L	15 mm	NPT 1/2"
2617-18-08	WE 18 L	18 mm	NPT 1/2"
2617-22-12	WE 22 L	22 mm	NPT 3/4"
2617-28-16	WE 28 L	28 mm	NPT 1"
2617-35-20	WE 35 L	35 mm	NPT 1 1/4"
2617-42-24	WE 42 L	42 mm	NPT 1 1/2"
2817-06-04	WE 6 S	6 mm	NPT 1/4"
2817-08-04	WE 8 S	8 mm	NPT 1/4"
2817-10-06	WE 10 S	10 mm	NPT 3/8"
2817-12-06	WE 12 S	12 mm	NPT 3/8"
2817-12-08	WE 12 S	12 mm	NPT 1/2"
2817-14-08	WE 14 S	14 mm	NPT 1/2"
2817-16-08	WE 16 S	16 mm	NPT 1/2"
2817-20-12	WE 20 S	20 mm	NPT 3/4"
2817-25-16	WE 25 S	25 mm	NPT 1"
2817-30-20	WE 30 S	30 mm	NPT 1 1/4"
2817-38-24	WE 38 S	38 mm	NPT 1 1/2"

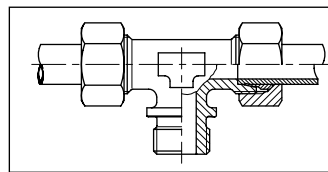


2621/2821

TE - R/C

Stainless steel, AISI 316
T-fitting – R M complete
C DIN 3852
PRODUCT GROUP 620

Part number	Type	Pipe dim.	Thread
2621-06-02	TE 6 L	6 mm	G1/8" M
2621-06-04	TE 6 L	6 mm	G1/4" M
2621-08-04	TE 8 L	8 mm	G1/4" M
2621-10-04	TE 10 L	10 mm	G1/4" M
2621-12-06	TE 12 L	12 mm	G3/8" M
2621-15-08	TE 15 L	15 mm	G1/2" M
2621-18-08	TE 18 L	18 mm	G1/2" M
2821-06-04	TE 6 S	6 mm	G1/4" M
2821-08-04	TE 8 S	8 mm	G1/4" M
2821-10-06	TE 10 S	10 mm	G3/8" M
2821-12-06	TE 12 S	12 mm	G3/8" M
2821-14-08	TE 14 S	14 mm	G1/2" M
2821-16-08	TE 16 S	16 mm	G1/2" M

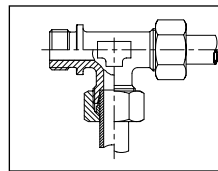


2623/2823

TE - GB

Stainless steel, AISI 316
T-fitting – G M complete
B DIN 3852
PRODUCT GROUP 620

Part number	Type	Pipe dim.	Thread
2623-22-12	TE 22 L	22 mm	G 3/4"
2623-28-16	TE 28 L	28 mm	G 1"
2623-35-20	TE 35 L	35 mm	G 1 1/4"
2623-42-24	TE 42 L	42 mm	G 1 1/2"
2823-20-12	TE 20 S	20 mm	G 3/4"
2823-25-16	TE 25 S	25 mm	G 1"
2823-30-20	TE 30 S	30 mm	G 1 1/4"
2823-38-24	TE 38 S	38 mm	G 1 1/2"



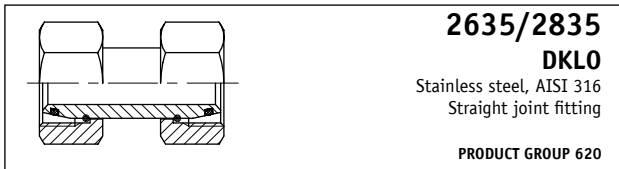
2633/2833

LE - GB

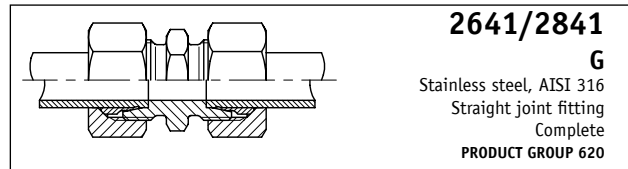
Stainless steel, AISI 316
L-fitting – G M complete
B DIN 3852
PRODUCT GROUP 620

Part number	Type	Pipe dim.	Thread
2633-22-12	LE 22 L	22 mm	G 3/4"
2633-28-16	LE 28 L	28 mm	G 1"
2633-35-20	LE 35 L	35 mm	G 1 1/4"
2633-42-24	LE 42 L	42 mm	G 1 1/2"
2833-20-12	LE 20 S	20 mm	G 3/4"
2833-25-16	LE 25 S	25 mm	G 1"
2833-30-20	LE 30 S	30 mm	G 1 1/4"
2833-38-24	LE 38 S	38 mm	G 1 1/2"

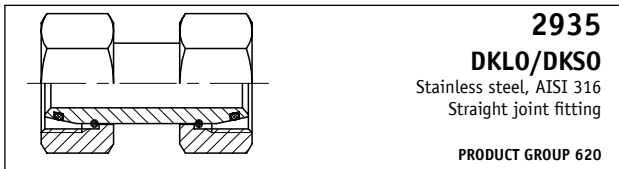




Part number	Type	Pipe dim.
2635-06-06	DKLO 6 x DKLO 6	6 mm
2635-08-08	DKLO 8 x DKLO 8	8 mm
2635-10-10	DKLO 10 x DKLO 10	10 mm
2635-12-12	DKLO 12 x DKLO 12	12 mm
2635-15-15	DKLO 15 x DKLO 15	15 mm
2635-18-18	DKLO 18 x DKLO 18	18 mm
2635-22-22	DKLO 22 x DKLO 22	22 mm
2635-28-28	DKLO 28 x DKLO 28	28 mm
2635-35-35	DKLO 35 x DKLO 35	35 mm
2635-42-42	DKLO 42 x DKLO 42	42 mm
2835-06-06	DKSO 6 x DKSO 6	6 mm
2835-08-08	DKSO 8 x DKSO 8	8 mm
2835-10-10	DKSO 10 x DKSO 10	10 mm
2835-12-12	DKSO 12 x DKSO 12	12 mm
2835-14-14	DKSO 14 x DKSO 14	14 mm
2835-16-16	DKSO 16 x DKSO 16	16 mm
2835-20-20	DKSO 20 x DKSO 20	20 mm
2835-25-25	DKSO 25 x DKSO 25	25 mm
2835-30-30	DKSO 30 x DKSO 30	30 mm
2835-38-38	DKSO 38 x DKSO 38	38 mm



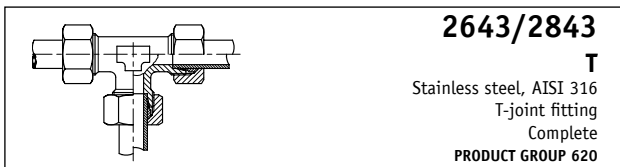
Part number	Type	Pipe dim.
2641-06-06	G 6 L	6 mm
2641-08-08	G 8 L	8 mm
2641-10-10	G 10 L	10 mm
2641-12-12	G 12 L	12 mm
2641-15-15	G 15 L	15 mm
2641-18-18	G 18 L	18 mm
2641-22-22	G 22 L	22 mm
2641-28-28	G 28 L	28 mm
2641-35-35	G 35 L	35 mm
2641-42-42	G 42 L	42 mm
2841-06-06	G 6 S	6 mm
2841-08-08	G 8 S	8 mm
2841-10-10	G 10 S	10 mm
2841-12-12	G 12 S	12 mm
2841-14-14	G 14 S	14 mm
2841-16-16	G 16 S	16 mm
2841-20-20	G 20 S	20 mm
2841-25-25	G 25 S	25 mm
2841-30-30	G 30 S	30 mm
2841-38-38	G 38 S	38 mm



Part number	Type	Pipe dim.
2935-10-12	DKLO 10 x DKSO 12	10 mm-12 mm
2935-15-16	DKLO 15 x DKSO 16	15 mm-16 mm
2935-18-20	DKLO 18 x DKSO 20	18 mm-20 mm



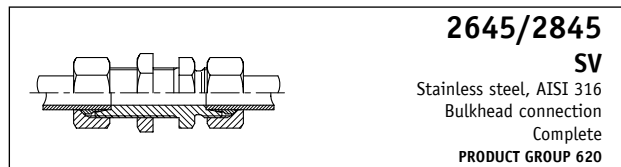
Part number	Type	Pipe dim.
2642-06-06	W 6 L	6 mm
2642-08-08	W 8 L	8 mm
2642-10-10	W 10 L	10 mm
2642-12-12	W 12 L	12 mm
2642-15-15	W 15 L	15 mm
2642-18-18	W 18 L	18 mm
2642-22-22	W 22 L	22 mm
2642-28-28	W 28 L	28 mm
2642-35-35	W 35 L	35 mm
2642-42-42	W 42 L	42 mm
2842-06-06	W 6 S	6 mm
2842-08-08	W 8 S	8 mm
2842-10-10	W 10 S	10 mm
2842-12-12	W 12 S	12 mm
2842-14-14	W 14 S	14 mm
2842-16-16	W 16 S	16 mm
2842-20-20	W 20 S	20 mm
2842-25-25	W 25 S	25 mm
2842-30-30	W 30 S	30 mm
2842-38-38	W 38 S	38 mm



2643/2843

T
Stainless steel, AISI 316
T-joint fitting
Complete
PRODUCT GROUP 620

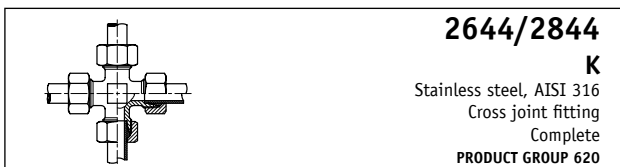
Part number	Type	Pipe dim.
2643-06-06	T 6 L	6 mm
2643-08-08	T 8 L	8 mm
2643-10-10	T 10 L	10 mm
2643-12-12	T 12 L	12 mm
2643-15-15	T 15 L	15 mm
2643-18-18	T 18 L	18 mm
2643-22-22	T 22 L	22 mm
2643-28-28	T 28 L	28 mm
2643-35-35	T 35 L	35 mm
2643-42-42	T 42 L	42 mm
2843-06-06	T 6 S	6 mm
2843-08-08	T 8 S	8 mm
2843-10-10	T 10 S	10 mm
2843-12-12	T 12 S	12 mm
2843-14-14	T 14 S	14 mm
2843-16-16	T 16 S	16 mm
2843-20-20	T 20 S	20 mm
2843-25-25	T 25 S	25 mm
2843-30-30	T 30 S	30 mm
2843-38-38	T 38 S	38 mm



2645/2845

SV
Stainless steel, AISI 316
Bulkhead connection
Complete
PRODUCT GROUP 620

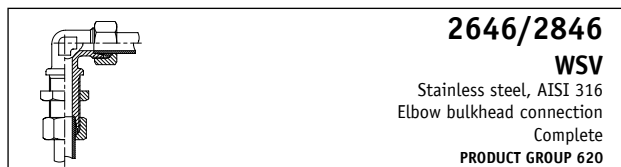
Part number	Type	Pipe dim.
2645-06-06	SV 6 L	6 mm
2645-08-08	SV 8 L	8 mm
2645-10-10	SV 10 L	10 mm
2645-12-12	SV 12 L	12 mm
2645-15-15	SV 15 L	15 mm
2645-18-18	SV 18 L	18 mm
2645-22-22	SV 22 L	22 mm
2645-28-28	SV 28 L	28 mm
2645-35-35	SV 35 L	35 mm
2645-42-42	SV 42 L	42 mm
2845-06-06	SV 6 S	6 mm
2845-08-08	SV 8 S	8 mm
2845-10-10	SV 10 S	10 mm
2845-12-12	SV 12 S	12 mm
2845-14-14	SV 14 S	14 mm
2845-16-16	SV 16 S	16 mm
2845-20-20	SV 20 S	20 mm
2845-25-25	SV 25 S	25 mm
2845-30-30	SV 30 S	30 mm
2845-38-38	SV 38 S	38 mm



2644/2844

K
Stainless steel, AISI 316
Cross joint fitting
Complete
PRODUCT GROUP 620

Part number	Type	Pipe dim.
2644-06-06	K 6 L	6 mm
2644-08-08	K 8 L	8 mm
2644-10-10	K 10 L	10 mm
2644-12-12	K 12 L	12 mm
2644-15-15	K 15 L	15 mm
2644-18-18	K 18 L	18 mm
2644-22-22	K 22 L	22 mm
2644-28-28	K 28 L	28 mm
2644-35-35	K 35 L	35 mm
2644-42-42	K 42 L	42 mm
2844-06-06	K 6 S	6 mm
2844-08-08	K 8 S	8 mm
2844-10-10	K 10 S	10 mm
2844-12-12	K 12 S	12 mm
2844-14-14	K 14 S	14 mm
2844-16-16	K 16 S	16 mm
2844-20-20	K 20 S	20 mm
2844-25-25	K 25 S	25 mm
2844-30-30	K 30 S	30 mm
2844-38-38	K 38 S	38 mm

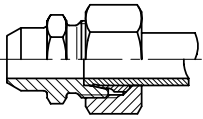


2646/2846

WSV
Stainless steel, AISI 316
Elbow bulkhead connection
Complete
PRODUCT GROUP 620

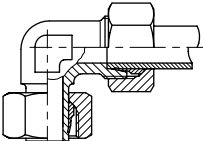
Part number	Type	Pipe dim.
2646-06-06	WSV 6 L	6 mm
2646-08-08	WSV 8 L	8 mm
2646-10-10	WSV 10 L	10 mm
2646-12-12	WSV 12 L	12 mm
2646-15-15	WSV 15 L	15 mm
2646-18-18	WSV 18 L	18 mm
2646-22-22	WSV 22 L	22 mm
2646-28-28	WSV 28 L	28 mm
2646-35-35	WSV 35 L	35 mm
2646-42-42	WSV 42 L	42 mm
2846-06-06	WSV 6 S	6 mm
2846-08-08	WSV 8 S	8 mm
2846-10-10	WSV 10 S	10 mm
2846-12-12	WSV 12 S	12 mm
2846-14-14	WSV 14 S	14 mm
2846-16-16	WSV 16 S	16 mm
2846-20-20	WSV 20 S	20 mm
2846-25-25	WSV 25 S	25 mm
2846-30-30	WSV 30 S	30 mm
2846-38-38	WSV 38 S	38 mm





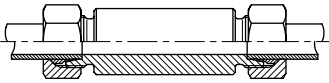
2647/2847
AS
 Stainless steel, AISI 316
 Straight welding boss
 Complete
PRODUCT GROUP 620

Part number	Type	Pipe dim.
2647-06-06	AS 6 L	6 mm
2647-08-08	AS 8 L	8 mm
2647-10-10	AS 10 L	10 mm
2647-12-12	AS 12 L	12 mm
2647-15-15	AS 15 L	15 mm
2647-18-18	AS 18 L	18 mm
2647-22-22	AS 22 L	22 mm
2647-28-28	AS 28 L	28 mm
2647-35-35	AS 35 L	35 mm
2647-42-42	AS 42 L	42 mm
2847-06-06	AS 6 S	6 mm
2847-08-08	AS 8 S	8 mm
2847-10-10	AS 10 S	10 mm
2847-12-12	AS 12 S	12 mm
2847-14-14	AS 14 S	14 mm
2847-16-16	AS 16 S	16 mm
2847-20-20	AS 20 S	20 mm
2847-25-25	AS 25 S	25 mm
2847-30-30	AS 30 S	30 mm
2847-38-38	AS 38 S	38 mm



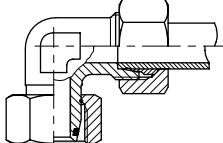
2650/2850
EVW
 Stainless steel, AISI 316
 Adjustable elbow fitting
PRODUCT GROUP 620

Part number	Type	Pipe dim.
2650-06-06	EVW 6 L	6 mm
2650-08-08	EVW 8 L	8 mm
2650-10-10	EVW 10 L	10 mm
2650-12-12	EVW 12 L	12 mm
2650-15-15	EVW 15 L	15 mm
2650-18-18	EVW 18 L	18 mm
2650-22-22	EVW 22 L	22 mm
2650-28-28	EVW 28 L	28 mm
2650-35-35	EVW 35 L	35 mm
2650-42-42	EVW 42 L	42 mm
2850-06-06	EVW 6 S	6 mm
2850-08-08	EVW 8 S	8 mm
2850-10-10	EVW 10 S	10 mm
2850-12-12	EVW 12 S	12 mm
2850-14-14	EVW 14 S	14 mm
2850-16-16	EVW 16 S	16 mm
2850-20-20	EVW 20 S	20 mm
2850-25-25	EVW 25 S	25 mm
2850-30-30	EVW 30 S	30 mm
2850-38-38	EVW 38 S	38 mm



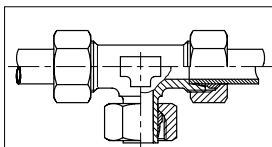
2648/2848
ESV
 Stainless steel, AISI 316
 Welding bulkhead connection
 Complete
PRODUCT GROUP 620

Part number	Type	Pipe dim.
2648-06-06	ESV 6 L	6 mm
2648-08-08	ESV 8 L	8 mm
2648-10-10	ESV 10 L	10 mm
2648-12-12	ESV 12 L	12 mm
2648-15-15	ESV 15 L	15 mm
2648-18-18	ESV 18 L	18 mm
2648-22-22	ESV 22 L	22 mm
2648-28-28	ESV 28 L	28 mm
2648-35-35	ESV 35 L	35 mm
2648-42-42	ESV 42 L	42 mm
2848-06-06	ESV 6 S	6 mm
2848-08-08	ESV 8 S	8 mm
2848-10-10	ESV 10 S	10 mm
2848-12-12	ESV 12 S	12 mm
2848-14-14	ESV 14 S	14 mm
2848-16-16	ESV 16 S	16 mm
2848-20-20	ESV 20 S	20 mm
2848-25-25	ESV 25 S	25 mm
2848-30-30	ESV 30 S	30 mm
2848-38-38	ESV 38 S	38 mm



2651/2851
EVW - 0
 Stainless steel, AISI 316
 Adjustable elbow fitting with O-ring
 Complete
PRODUCT GROUP 620

Part number	Type	Pipe dim.
2651-06-06	EVWO 6 L	6 mm
2651-08-08	EVWO 8 L	8 mm
2651-10-10	EVWO 10 L	10 mm
2651-12-12	EVWO 12 L	12 mm
2651-15-15	EVWO 15 L	15 mm
2651-18-18	EVWO 18 L	18 mm
2651-22-22	EVWO 22 L	22 mm
2651-28-28	EVWO 28 L	28 mm
2651-35-35	EVWO 35 L	35 mm
2651-42-42	EVWO 42 L	42 mm
2851-06-06	EVWO 6 S	6 mm
2851-08-08	EVWO 8 S	8 mm
2851-10-10	EVWO 10 S	10 mm
2851-12-12	EVWO 12 S	12 mm
2851-14-14	EVWO 14 S	14 mm
2851-16-16	EVWO 16 S	16 mm
2851-20-20	EVWO 20 S	20 mm
2851-25-25	EVWO 25 S	25 mm
2851-30-30	EVWO 30 S	30 mm
2851-38-38	EVWO 38 S	38 mm



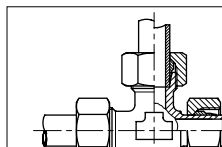
2660/2860

EVT

Stainless steel, AISI 316
Adjustable T-fitting

PRODUCT GROUP 620

Part number	Type	Pipe dim.
2660-06-06	EVT 6 L	6 mm
2660-08-08	EVT 8 L	8 mm
2660-10-10	EVT 10 L	10 mm
2660-12-12	EVT 12 L	12 mm
2660-15-15	EVT 15 L	15 mm
2660-18-18	EVT 18 L	18 mm
2660-22-22	EVT 22 L	22 mm
2660-28-28	EVT 28 L	28 mm
2660-35-35	EVT 35 L	35 mm
2660-42-42	EVT 42 L	42 mm
2860-06-06	EVT 6 S	6 mm
2860-08-08	EVT 8 S	8 mm
2860-10-10	EVT 10 S	10 mm
2860-12-12	EVT 12 S	12 mm
2860-14-14	EVT 14 S	14 mm
2860-16-16	EVT 16 S	16 mm
2860-20-20	EVT 20 S	20 mm
2860-25-25	EVT 25 S	25 mm
2860-30-30	EVT 30 S	30 mm
2860-38-38	EVT 38 S	38 mm



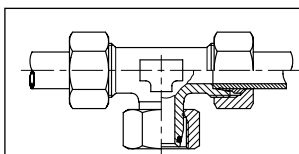
2670/2870

EVL

Stainless steel, AISI 316
Adjustable L-fitting

PRODUCT GROUP 620

Part number	Type	Pipe dim.
2670-06-06	EVL 6 L	6 mm
2670-08-08	EVL 8 L	8 mm
2670-10-10	EVL 10 L	10 mm
2670-12-12	EVL 12 L	12 mm
2670-15-15	EVL 15 L	15 mm
2670-18-18	EVL 18 L	18 mm
2670-22-22	EVL 22 L	22 mm
2670-28-28	EVL 28 L	28 mm
2670-35-35	EVL 35 L	35 mm
2670-42-42	EVL 42 L	42 mm
2870-06-06	EVL 6 S	6 mm
2870-08-08	EVL 8 S	8 mm
2870-10-10	EVL 10 S	10 mm
2870-12-12	EVL 12 S	12 mm
2870-14-14	EVL 14 S	14 mm
2870-16-16	EVL 16 S	16 mm
2870-20-20	EVL 20 S	20 mm
2870-25-25	EVL 25 S	25 mm
2870-30-30	EVL 30 S	30 mm
2870-38-38	EVL 38 S	38 mm



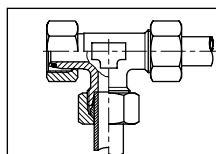
2661/2861

EVT - 0

Stainless steel, AISI 316
Adjustable T-fitting with O-ring
Complete

PRODUCT GROUP 620

Part number	Type	Pipe dim.
2661-06-06	EVTO 6 L	6 mm
2661-08-08	EVTO 8 L	8 mm
2661-10-10	EVTO 10 L	10 mm
2661-12-12	EVTO 12 L	12 mm
2661-15-15	EVTO 15 L	15 mm
2661-18-18	EVTO 18 L	18 mm
2661-22-22	EVTO 22 L	22 mm
2661-28-28	EVTO 28 L	28 mm
2661-35-35	EVTO 35 L	35 mm
2661-42-42	EVTO 42 L	42 mm
2861-06-06	EVTO 6 S	6 mm
2861-08-08	EVTO 8 S	8 mm
2861-10-10	EVTO 10 S	10 mm
2861-12-12	EVTO 12 S	12 mm
2861-14-14	EVTO 14 S	14 mm
2861-16-16	EVTO 16 S	16 mm
2861-20-20	EVTO 20 S	20 mm
2861-25-25	EVTO 25 S	25 mm
2861-30-30	EVTO 30 S	30 mm
2861-38-38	EVTO 38 S	38 mm



2671/2871

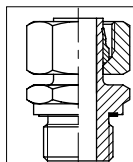
EVL0

Stainless steel, AISI 316
Adjustable L-fitting with O-ring
Complete

PRODUCT GROUP 620

Part number	Type	Pipe dim.
2671-06-06	EVL 6 L	6 mm
2671-08-08	EVL 8 L	8 mm
2671-10-10	EVL 10 L	10 mm
2671-12-12	EVL 12 L	12 mm
2671-15-15	EVL 15 L	15 mm
2671-18-18	EVL 18 L	18 mm
2671-22-22	EVL 22 L	22 mm
2671-28-28	EVL 28 L	28 mm
2671-35-35	EVL 35 L	35 mm
2671-42-42	EVL 42 L	42 mm
2871-06-06	EVL 6 S	6 mm
2871-08-08	EVL 8 S	8 mm
2871-10-10	EVL 10 S	10 mm
2871-12-12	EVL 12 S	12 mm
2871-14-14	EVL 14 S	14 mm
2871-16-16	EVL 16 S	16 mm
2871-20-20	EVL 20 S	20 mm
2871-25-25	EVL 25 S	25 mm
2871-30-30	EVL 30 S	30 mm
2871-38-38	EVL 38 S	38 mm





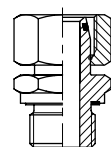
2689/2889

EVGE – G/ED

Straight stand pipe
with pre-assembled nut
Stainless steel, AISI 316

PRODUCT GROUP 620

Part number	Type	Pipe dim.	Thread
2689-06-02	EVGE 6 L	6 mm	G 1/8" M
2689-06-04	EVGE 6 L	6 mm	G 1/4" M
2689-08-04	EVGE 8 L	8 mm	G 1/4" M
2689-10-04	EVGE 10 L	10 mm	G 1/4" M
2689-10-06	EVGE 10 L	10 mm	G 3/8" M
2689-12-04	EVGE 12 L	12 mm	G 1/4" M
2689-12-06	EVGE 12 L	12 mm	G 3/8" M
2689-12-08	EVGE 12 L	12 mm	G 1/2" M
2689-15-08	EVGE 15 L	15 mm	G 1/2" M
2689-18-08	EVGE 18 L	18 mm	G 1/2" M
2689-22-12	EVGE 22 L	22 mm	G 3/4" M
2689-28-16	EVGE 28 L	28 mm	G 1" M
2689-35-20	EVGE 35 L	35 mm	G 1 1/4" M
2689-42-24	EVGE 42 L	42 mm	G 1 1/2" M
2889-06-04	EVGE 6 S	6 mm	G 1/4" M
2889-08-04	EVGE 8 S	8 mm	G 1/4" M
2889-10-06	EVGE 10 S	10 mm	G 3/8" M
2889-12-04	EVGE 12 S	12 mm	G 1/4" M
2889-12-06	EVGE 12 S	12 mm	G 3/8" M
2889-12-08	EVGE 12 S	12 mm	G 1/2" M
2889-14-08	EVGE 14 S	14 mm	G 1/2" M
2889-16-08	EVGE 16 S	16 mm	G 1/2" M
2889-20-12	EVGE 20 S	20 mm	G 3/4" M
2889-25-16	EVGE 25 S	25 mm	G 1" M
2889-30-20	EVGE 30 S	30 mm	G 1 1/4" M
2889-38-24	EVGE 38 S	38 mm	G 1 1/2" M

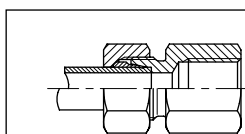


2690/2890

EVGEO – G/ED

Stainless steel, AISI 316
Straight stand pipe
with pre-assembled nut and O-ring
PRODUCT GROUP 620

Part number	Type	Pipe dim.	Thread
2690-06-02	EVGEO 6 L	6 mm	G 1/8"
2690-06-04	EVGEO 6 L	6 mm	G 1/4"
2690-08-04	EVGEO 8 L	8 mm	G 1/4"
2690-10-04	EVGEO 10 L	10 mm	G 1/4"
2690-10-06	EVGEO 10 L	10 mm	G 3/8"
2690-12-04	EVGEO 12 L	12 mm	G 1/4"
2690-12-06	EVGEO 12 L	12 mm	G 3/8"
2690-12-08	EVGEO 12 L	12 mm	G 1/2"
2690-15-06	EVGEO 15 L	15 mm	G 3/8"
2690-15-08	EVGEO 15 L	15 mm	G 1/2"
2690-18-08	EVGEO 18 L	18 mm	G 1/2"
2690-22-12	EVGEO 22 L	22 mm	G 3/4"
2690-28-16	EVGEO 28 L	28 mm	G 1"
2690-35-20	EVGEO 35 L	35 mm	G 1 1/4"
2690-42-24	EVGEO 42 L	42 mm	G 1 1/2"
2890-06-04	EVGEO 6 S	6 mm	G 1/4"
2890-08-04	EVGEO 8 S	8 mm	G 1/4"
2890-08-06	EVGEO 8 S	8 mm	G 3/8"
2890-10-04	EVGEO 10 S	10 mm	G 1/4"
2890-10-06	EVGEO 10 S	10 mm	G 3/8"
2890-12-04	EVGEO 12 S	12 mm	G 1/4"
2890-12-06	EVGEO 12 S	12 mm	G 3/8"
2890-12-08	EVGEO 12 S	12 mm	G 1/2"
2890-14-08	EVGEO 14 S	14 mm	G 1/2"
2890-16-06	EVGEO 16 S	16 mm	G 3/8"
2890-16-08	EVGEO 16 S	16 mm	G 1/2"
2890-16-12	EVGEO 16 S	16 mm	G 3/4"
2890-20-08	EVGEO 20 S	20 mm	G 1/2"
2890-20-12	EVGEO 20 S	20 mm	G 3/4"
2890-25-12	EVGEO 25 S	25 mm	G 3/4"
2890-25-16	EVGEO 25 S	25 mm	G 1"
2890-30-20	EVGEO 30 S	30 mm	G 1 1/4"
2890-38-24	EVGEO 38 S	38 mm	G 1 1/2"

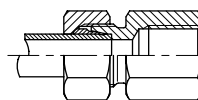


2701/2901

GAI – G

Stainless steel, AISI 316
Straight fitting – G F
Complete
PRODUCT GROUP 620

Part number	Type	Pipe dim.	Thread
2701-06-02	GAI 6 L	6 mm	G 1/8"
2701-08-04	GAI 8 L	8 mm	G 1/4"
2701-08-06	GAI 8 L	8 mm	G 3/8"
2701-10-04	GAI 10 L	10 mm	G 1/4"
2701-10-06	GAI 10 L	10 mm	G 3/8"
2701-12-04	GAI 12 L	12 mm	G 1/4"
2701-12-06	GAI 12 L	12 mm	G 3/8"
2701-12-08	GAI 12 L	12 mm	G 1/2"
2701-15-08	GAI 15 L	15 mm	G 1/2"
2701-18-08	GAI 18 L	18 mm	G 1/2"
2701-22-12	GAI 22 L	22 mm	G 3/4"
2701-28-16	GAI 28 L	28 mm	G 1"
2701-35-20	GAI 35 L	35 mm	G 1 1/4"
2701-42-24	GAI 42 L	42 mm	G 1 1/2"
2901-06-04	GAI 6 S	6 mm	G 1/4"
2901-08-04	GAI 8 S	8 mm	G 1/4"
2901-10-06	GAI 10 S	10 mm	G 3/8"
2901-12-06	GAI 12 S	12 mm	G 3/8"
2901-14-08	GAI 14 S	14 mm	G 1/2"
2901-16-08	GAI 16 S	16 mm	G 1/2"
2901-20-12	GAI 20 S	20 mm	G 3/4"
2901-25-16	GAI 25 S	25 mm	G 1"
2901-30-20	GAI 30 S	30 mm	G 1 1/4"
2901-38-24	GAI 38 S	38 mm	G 1 1/2"

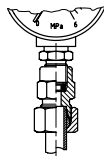


2702/2902

GAI – M

Stainless steel, AISI 316
Straight fitting – M F
Complete
PRODUCT GROUP 620

Part number	Type	Pipe dim.	Thread
2702-06-10	GAI 6 L	6 mm	M 10 x 1.0
2702-08-12	GAI 8 L	8 mm	M 12 x 1.5
2702-10-14	GAI 10 L	10 mm	M 14 x 1.5
2702-12-16	GAI 12 L	12 mm	M 16 x 1.5
2702-15-18	GAI 15 L	15 mm	M 18 x 1.5
2702-18-22	GAI 18 L	18 mm	M 22 x 1.5
2702-22-26	GAI 22 L	22 mm	M 26 x 1.5
2902-06-12	GAI 6 S	6 mm	M 12 x 1.5
2902-08-14	GAI 8 S	8 mm	M 14 x 1.5
2902-10-16	GAI 10 S	10 mm	M 16 x 1.5
2902-12-18	GAI 12 S	12 mm	M 18 x 1.5
2902-14-20	GAI 14 S	14 mm	M 20 x 1.5
2902-16-22	GAI 16 S	16 mm	M 22 x 1.5
2902-20-27	GAI 20 S	20 mm	M 27 x 2.0

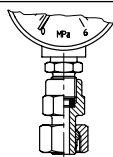


2703/2903

MAV – G

Stainless steel, AISI 316
Manometer fitting
Complete
PRODUCT GROUP 620

Part number	Type	Pipe dim.	Thread
2703-06-04	MAV 6 L	6 mm	G 1/4"
2703-08-04	MAV 8 L	8 mm	G 1/4"
2703-10-04	MAV 10 L	10 mm	G 1/4"
2703-12-04	MAV 12 L	12 mm	G 1/4"
2903-06-08	MAV 6 S	6 mm	G 1/2"
2903-08-08	MAV 8 S	8 mm	G 1/2"
2903-10-08	MAV 10 S	10 mm	G 1/2"
2903-12-08	MAV 12 S	12 mm	G 1/2"
6103-13-04	Cutting edge ring		G 1/4"
6603-13-06	Copper seal		G 3/8"
6603-13-08	Cutting edge ring		G 1/2"

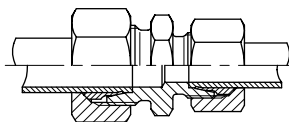


2704/2904

MAV – EV – G

Stainless steel, AISI 316
Manometer
Pre -assembled fitting
PRODUCT GROUP 620

Part number	Type	Pipe dim.	Thread
2704-06-04	MAV EV 6 L	6 mm	G 1/4"
2704-08-04	MAV EV 8 L	8 mm	G 1/4"
2704-10-04	MAV EV 10 L	10 mm	G 1/4"
2704-12-04	MAV EV 12 L	12 mm	G 1/4"
2904-06-08	MAV EV 6 S	6 mm	G 1/2"
2904-08-08	MAV EV 8 S	8 mm	G 1/2"
2904-10-08	MAV EV 10 S	10 mm	G 1/2"
2904-12-08	MAV EV 12 S	12 mm	G 1/2"



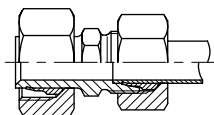
2705/2905

RED

Stainless steel, AISI 316
Reducer
Complete
PRODUCT GROUP 620

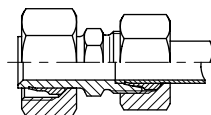
Part number	Type	Pipe dim.
2705-08-06	RED 8/6 L	8 - 6 mm
2705-10-06	RED 10/6 L	10 - 6 mm
2705-10-08	RED 10/8 L	10 - 8 mm
2705-12-06	RED 12/6 L	12 - 6 mm
2705-12-08	RED 12/8 L	12 - 8 mm
2705-12-10	RED 12/10 L	12 - 10 mm
2705-15-06	RED 15/6 L	15 - 6 mm
2705-15-08	RED 15/8 L	15 - 8 mm
2705-15-10	RED 15/10 L	15 - 10 mm
2705-15-12	RED 15/12 L	15 - 12 mm
2705-18-08	RED 18/8 L	18 - 8 mm
2705-18-10	RED 18/10 L	18 - 10 mm
2705-18-12	RED 18/12 L	18 - 12 mm
2705-18-15	RED 18/15 L	18 - 15 mm
2705-22-12	RED 22/12 L	22 - 12 mm
2705-22-15	RED 22/15 L	22 - 15 mm
2705-22-18	RED 22/18 L	22 - 18 mm
2705-28-10	RED 28/10 L	28 - 10 mm
2705-28-15	RED 28/15 L	28 - 15 mm
2705-28-18	RED 28/18 L	28 - 18 mm
2705-28-22	RED 28/22 L	28 - 22 mm
2705-35-22	RED 35/22 L	35 - 22 mm
2705-35-28	RED 35/28 L	35 - 28 mm
2705-42-28	RED 42/28 L	42 - 28 mm
2705-42-35	RED 42/35 L	42 - 35 mm
2905-08-06	RED 8/6 S	8 - 6 mm
2905-10-06	RED 10/6 S	10 - 6 mm
2905-10-08	RED 10/8 S	10 - 8 mm
2905-12-06	RED 12/6 S	12 - 6 mm
2905-12-08	RED 12/8 S	12 - 8 mm
2905-12-10	RED 12/10 S	12 - 10 mm
2905-14-10	RED 14/10 S	14 - 10 mm
2905-14-12	RED 14/12 S	14 - 12 mm
2905-16-06	RED 16/6 S	16 - 6 mm
2905-16-08	RED 16/8 S	16 - 8 mm
2905-16-10	RED 16/10 S	16 - 10 mm
2905-16-12	RED 16/12 S	16 - 12 mm
2905-16-14	RED 16/14 S	16 - 14 mm
2905-20-10	RED 20/10 S	20 - 10 mm
2905-20-12	RED 20/12 S	20 - 12 mm
2905-20-14	RED 20/14 S	20 - 14 mm
2905-20-16	RED 20/16 S	20 - 16 mm
2905-25-16	RED 25/16 S	25 - 16 mm
2905-25-20	RED 25/20 S	25 - 20 mm
2905-30-16	RED 30/16 S	30 - 16 mm
2905-30-20	RED 30/20 S	30 - 20 mm
2905-30-25	RED 30/25 S	30 - 25 mm
2905-38-25	RED 38/25 S	38 - 25 mm
2905-38-30	RED 38/30 S	38 - 30 mm



**2707****KOR - L**

Pre-assembled nut
Stainless steel, AISI 316
Reducer, pre-assembled nut

PRODUCT GROUP 620

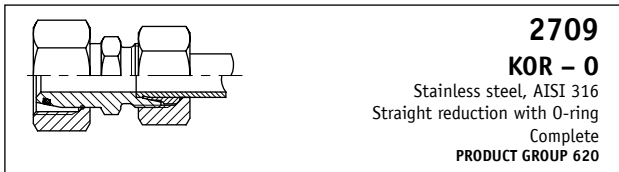
**2907****KOR - S**

Pre-assembled nut
Stainless steel, AISI 316
Reduction, pre-assembled nut

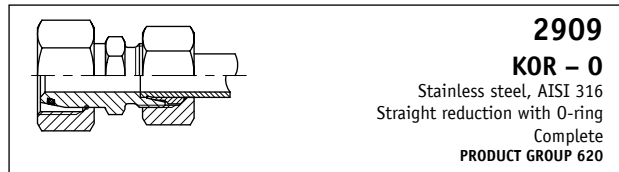
PRODUCT GROUP 620

Part number	Type	Pipe size
2707-08-06	KOR 8/6 L	8 - 6 mm
2707-10-06	KOR 10/6 L	10 - 6 mm
2707-10-08	KOR 10/8 L	10 - 8 mm
2707-12-06	KOR 12/6 L	12 - 6 mm
2707-12-08	KOR 12/8 L	12 - 8 mm
2707-12-10	KOR 12/10 L	12 - 10 mm
2707-15-06	KOR 15/6 L	15 - 6 mm
2707-15-08	KOR 15/8 L	15 - 8 mm
2707-15-10	KOR 15/10 L	15 - 10 mm
2707-15-12	KOR 15/12 L	15 - 12 mm
2707-18-06	KOR 18/6 L	18 - 6 mm
2707-18-08	KOR 18/8 L	18 - 8 mm
2707-18-10	KOR 18/10 L	18 - 10 mm
2707-18-12	KOR 18/12 L	18 - 12 mm
2707-18-15	KOR 18/15 L	18 - 15 mm
2707-22-06	KOR 22/6 L	22 - 6 mm
2707-22-08	KOR 22/8 L	22 - 8 mm
2707-22-10	KOR 22/10 L	22 - 10 mm
2707-22-12	KOR 22/12 L	22 - 12 mm
2707-22-15	KOR 22/15 L	22 - 15 mm
2707-22-18	KOR 22/18 L	22 - 18 mm
2707-28-06	KOR 28/6 L	28 - 6 mm
2707-28-08	KOR 28/8 L	28 - 8 mm
2707-28-10	KOR 28/10 L	28 - 10 mm
2707-28-12	KOR 28/12 L	28 - 12 mm
2707-28-15	KOR 28/15 L	28 - 15 mm
2707-28-18	KOR 28/18 L	28 - 18 mm
2707-28-22	KOR 28/22 L	28 - 22 mm
2707-35-06	KOR 35/6 L	35 - 6 mm
2707-35-08	KOR 35/8 L	35 - 8 mm
2707-35-10	KOR 35/10 L	35 - 10 mm
2707-35-12	KOR 35/12 L	35 - 12 mm
2707-35-15	KOR 35/15 L	35 - 15 mm
2707-35-18	KOR 35/18 L	35 - 18 mm
2707-35-22	KOR 35/22 L	35 - 22 mm
2707-35-28	KOR 35/28 L	35 - 28 mm
2707-42-10	KOR 42/10 L	42 - 10 mm
2707-42-12	KOR 42/12 L	42 - 12 mm
2707-42-15	KOR 42/15 L	42 - 15 mm
2707-42-18	KOR 42/18 L	42 - 18 mm
2707-42-22	KOR 42/22 L	42 - 22 mm
2707-42-28	KOR 42/28 L	42 - 28 mm
2707-42-35	KOR 42/35 L	42 - 35 mm

Part number	Type	Pipe size
2907-08-06	KOR 8/6 S	8 - 6 mm
2907-10-06	KOR 10/6 S	10 - 6 mm
2907-10-08	KOR 10/8 S	10 - 8 mm
2907-12-06	KOR 12/6 S	12 - 6 mm
2907-12-08	KOR 12/8 S	12 - 8 mm
2907-12-10	KOR 12/10 S	12 - 10 mm
2907-14-06	KOR 14/6 S	14 - 6 mm
2907-14-08	KOR 14/8 S	14 - 8 mm
2907-14-10	KOR 14/10 S	14 - 10 mm
2907-14-12	KOR 14/12 S	14 - 12 mm
2907-16-06	KOR 16/6 S	16 - 6 mm
2907-16-08	KOR 16/8 S	16 - 8 mm
2907-16-10	KOR 16/10 S	16 - 10 mm
2907-16-12	KOR 16/12 S	16 - 12 mm
2907-16-14	KOR 16/14 S	16 - 14 mm
2907-16-16	KOR 16/16 S	16 - 16 mm
2907-20-06	KOR 20/6 S	20 - 6 mm
2907-20-08	KOR 20/8 S	20 - 8 mm
2907-20-10	KOR 20/10 S	20 - 10 mm
2907-20-12	KOR 20/12 S	20 - 12 mm
2907-20-14	KOR 20/14 S	20 - 14 mm
2907-20-16	KOR 20/16 S	20 - 16 mm
2907-25-06	KOR 25/6 S	25 - 6 mm
2907-25-08	KOR 25/8 S	25 - 8 mm
2907-25-10	KOR 25/10 S	25 - 10 mm
2907-25-12	KOR 25/12 S	25 - 12 mm
2907-25-14	KOR 25/14 S	25 - 14 mm
2907-25-16	KOR 25/16 S	25 - 16 mm
2907-25-20	KOR 25/20 S	25 - 20 mm
2907-30-06	KOR 30/6 S	30 - 6 mm
2907-30-08	KOR 30/8 S	30 - 8 mm
2907-30-10	KOR 30/10 S	30 - 10 mm
2907-30-12	KOR 30/12 S	30 - 12 mm
2907-30-14	KOR 30/14 S	30 - 14 mm
2907-30-16	KOR 30/16 S	30 - 16 mm
2907-30-20	KOR 30/20 S	30 - 20 mm
2907-30-25	KOR 30/25 S	30 - 25 mm
2907-38-06	KOR 38/6 S	38 - 6 mm
2907-38-08	KOR 38/8 S	38 - 8 mm
2907-38-10	KOR 38/10 S	38 - 10 mm
2907-38-12	KOR 38/12 S	38 - 12 mm
2907-38-14	KOR 38/14 S	38 - 14 mm
2907-38-16	KOR 38/16 S	38 - 16 mm
2907-38-20	KOR 38/20 S	38 - 20 mm
2907-38-25	KOR 38/25 S	38 - 25 mm
2907-38-30	KOR 38/30 S	38 - 30 mm

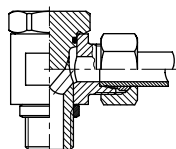


Part number	Type	Pipe dim.
2709-08-06	KOR O 8/6 L	8-6 mm
2709-10-06	KOR O 10/6 L	10-6 mm
2709-10-08	KOR O 10/8 L	10-8 mm
2709-12-06	KOR O 12/6 L	12-6 mm
2709-12-08	KOR O 12/8 L	12-8 mm
2709-12-10	KOR O 12/10 L	12-10 mm
2709-15-06	KOR O 15/6 L	15-6 mm
2709-15-08	KOR O 15/8 L	15-8 mm
2709-15-10	KOR O 15/10 L	15-10 mm
2709-15-12	KOR O 15/12 L	15-12 mm
2709-18-06	KOR O 18/6 L	18-6 mm
2709-18-08	KOR O 18/8 L	18-8 mm
2709-18-10	KOR O 18/10 L	18-10 mm
2709-18-12	KOR O 18/12 L	18-12 mm
2709-18-15	KOR O 18/15 L	18-15 mm
2709-22-06	KOR O 22/6 L	22-6 mm
2709-22-08	KOR O 22/8 L	22-8 mm
2709-22-10	KOR O 22/10 L	22-10 mm
2709-22-12	KOR O 22/12 L	22-12 mm
2709-22-15	KOR O 22/15 L	22-15 mm
2709-22-18	KOR O 22/18 L	22-18 mm
2709-28-06	KOR O 28/6 L	28-6 mm
2709-28-08	KOR O 28/8 L	28-8 mm
2709-28-10	KOR O 28/10 L	28-10 mm
2709-28-12	KOR O 28/12 L	28-12 mm
2709-28-15	KOR O 28/15 L	28-15 mm
2709-28-18	KOR O 28/18 L	28-18 mm
2709-28-22	KOR O 28/22 L	28-22 mm
2709-35-06	KOR O 35/6 L	35-6 mm
2709-35-08	KOR O 35/8 L	35-8 mm
2709-35-10	KOR O 35/10 L	35-10 mm
2709-35-12	KOR O 35/12 L	35-12 mm
2709-35-15	KOR O 35/15 L	35-15 mm
2709-35-18	KOR O 35/18 L	35-18 mm
2709-35-22	KOR O 35/22 L	35-22 mm
2709-35-28	KOR O 35/28 L	35-28 mm
2709-42-06	KOR O 42/6 L	42-6 mm
2709-42-08	KOR O 42/8 L	42-8 mm
2709-42-10	KOR O 42/10 L	42-10 mm
2709-42-12	KOR O 42/12 L	42-12 mm
2709-42-15	KOR O 42/15 L	42-15 mm
2709-42-18	KOR O 42/18 L	42-18 mm
2709-42-22	KOR O 42/22 L	42-22 mm
2709-42-28	KOR O 42/28 L	42-28 mm
2709-42-35	KOR O 42/35 L	42-35 mm



Part number	Type	Pipe dim.
2909-08-06	KOR O 8/6 S	8-6 mm
2909-10-06	KOR O 10/6 S	10-6 mm
2909-10-08	KOR O 10/8 S	10- 8 mm
2909-12-06	KOR O 12/6 S	12-6 mm
2909-12-08	KOR O 12/8 S	12-8 mm
2909-12-10	KOR O 12/10 S	12-10 mm
2909-14-06	KOR O 14/6 S	14-6 mm
2909-14-08	KOR O 14/8 S	14-8 mm
2909-14-10	KOR O 14/10 S	14-10 mm
2909-14-12	KOR O 14/12 S	14-12 mm
2909-16-06	KOR O 16/6 S	16-6 mm
2909-16-08	KOR O 16/8 S	16-8 mm
2909-16-10	KOR O 16/10 S	16-10 mm
2909-16-12	KOR O 16/12 S	16-12 mm
2909-16-14	KOR O 16/14 S	16-14 mm
2909-20-06	KOR O 20/6 S	20-6 mm
2909-20-08	KOR O 20/8 S	20-8 mm
2909-20-10	KOR O 20/10 S	20-10 mm
2909-20-12	KOR O 20/12 S	20-12 mm
2909-20-14	KOR O 20/14 S	20-14 mm
2909-20-16	KOR O 20/16 S	20-16 mm
2909-25-06	KOR O 25/6 S	25-6 mm
2909-25-08	KOR O 25/8 S	25-8 mm
2909-25-10	KOR O 25/10 S	25-10 mm
2909-25-12	KOR O 25/12 S	25-12 mm
2909-25-14	KOR O 25/14 S	25-14 mm
2909-25-16	KOR O 25/16 S	25-16 mm
2909-25-20	KOR O 25/20 S	25-20 mm
2909-30-08	KOR O 30/8 S	30-8 mm
2909-30-10	KOR O 30/10 S	30-10 mm
2909-30-12	KOR O 30/12 S	30-12 mm
2909-30-16	KOR O 30/16 S	30-16 mm
2909-30-20	KOR O 30/20 S	30-20 mm
2909-30-25	KOR O 30/25 S	30-25 mm
2909-38-08	KOR O 38/8 S	38-8 mm
2909-38-12	KOR O 38/12 S	38-12 mm
2909-38-16	KOR O 38/16 S	38-16 mm
2909-38-20	KOR O 38/20 S	38-20 mm
2909-38-25	KOR O 38/25 S	38-25 mm
2909-38-30	KOR O 38/30 S	38-30 mm



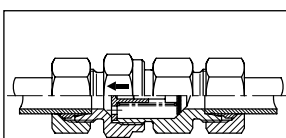


2710/2910

WHB – G

Stainless steel, AISI 316
Banjo – G G
Complete
Cutting edge ring, non-reducing
PRODUCT GROUP 620

Part number	Type	Pipe dim.	Thread
2710-06-02	WHB-G 6 L	6 mm	G 1/8"
2710-08-04	WHB-G 8 L	8 mm	G 1/4"
2710-10-04	WHB-G 10 L	10 mm	G 1/4"
2710-12-04	WHB-G 12 L	12 mm	G 1/4"
2710-12-06	WHB-G 12 L	12 mm	G 3/8"
2710-15-08	WHB-G 15 L	15 mm	G 1/2"
2710-18-08	WHB-G 18 L	18 mm	G 1/2"
2710-22-12	WHB-G 22 L	22 mm	G 3/4"
2710-28-16	WHB-G 28 L	28 mm	G 1"
2710-35-20	WHB-G 35 L	35 mm	G 1 1/4"
2710-42-24	WHB-G 42 L	42 mm	G 1 1/2"
2910-06-04	WHB-G 6 S	6 mm	G 1/4"
2910-08-04	WHB-G 8 S	8 mm	G 1/4"
2910-10-06	WHB-G 10 S	10 mm	G 3/8"
2910-12-06	WHB-G 12 S	12 mm	G 3/8"
2910-14-08	WHB-G 14 S	14 mm	G 1/2"
2910-16-08	WHB-G 16 S	16 mm	G 1/2"
2910-20-12	WHB-G 20 S	20 mm	G 3/4"
2910-25-16	WHB-G 25 S	25 mm	G 1"
2910-30-20	WHB-G 30 S	30 mm	G 1 1/4"
2910-38-24	WHB-G 38 S	38 mm	G 1 1/2"

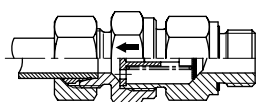


2720/2920

RHD

Stainless steel, AISI 316
Non-return valve, opening pressure 1 bar
Complete
PRODUCT GROUP 620

Part number	Type	Pipe dim.
2720-06-06	RHD 6 L	6 mm
2720-08-08	RHD 8 L	8 mm
2720-10-10	RHD 10 L	10 mm
2720-12-12	RHD 12 L	12 mm
2720-15-15	RHD 15 L	15 mm
2720-18-18	RHD 18 L	18 mm
2720-22-22	RHD 22 L	22 mm
2720-28-28	RHD 28 L	28 mm
2720-35-35	RHD 35 L	35 mm
2720-42-42	RHD 42 L	42 mm
2920-06-06	RHD 6 S	6 mm
2920-08-08	RHD 8 S	8 mm
2920-10-10	RHD 10 S	10 mm
2920-12-12	RHD 12 S	12 mm
2920-14-14	RHD 14 S	14 mm
2920-16-16	RHD 16 S	16 mm
2920-20-20	RHD 20 S	20 mm
2920-25-25	RHD 25 S	25 mm
2920-30-30	RHD 30 S	30 mm
2920-38-38	RHD 38 S	38 mm

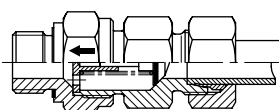


2721/2921

RHV – G – ED

Stainless steel, AISI 316
Non-return valve opening pressure 1 bar
Complete
PRODUCT GROUP 620

Part number	Type	Pipe dim.	Thread
2721-06-02	RHV 6 L	6 mm	G 1/8"
2721-08-04	RHV 8 L	8 mm	G 1/4"
2721-10-04	RHV 10 L	10 mm	G 1/4"
2721-12-06	RHV 12 L	12 mm	G 3/8"
2721-15-08	RHV 15 L	15 mm	G 1/2"
2721-18-08	RHV 18 L	18 mm	G 1/2"
2721-22-12	RHV 22 L	22 mm	G 3/4"
2721-28-16	RHV 28 L	28 mm	G 1"
2721-35-20	RHV 35 L	35 mm	G 1 1/4"
2721-42-24	RHV 42 L	42 mm	G 1 1/2"
2921-06-04	RHV 6 S	6 mm	G 1/4"
2921-08-04	RHV 8 S	8 mm	G 1/4"
2921-10-06	RHV 10 S	10 mm	G 3/8"
2921-12-06	RHV 12 S	12 mm	G 3/8"
2921-14-08	RHV 14 S	14 mm	G 1/2"
2921-16-08	RHV 16 S	16 mm	G 1/2"
2921-20-12	RHV 20 S	20 mm	G 3/4"
2921-25-16	RHV 25 S	25 mm	G 1"
2921-30-20	RHV 30 S	30 mm	G 1 1/4"
2921-38-24	RHV 38 S	38 mm	G 1 1/2"

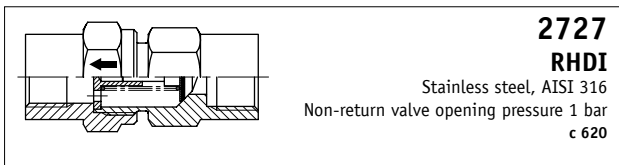


2723/2923

RHZ – G – ED

Stainless steel, AISI 316
Non-return valve opening pressure 1 bar
Complete
PRODUCT GROUP 620

Part number	Type	Pipe dim.	Thread
2723-06-02	RHZ 6 L	6 mm	G 1/8"
2723-08-04	RHZ 8 L	8 mm	G 1/4"
2723-10-04	RHZ 10 L	10 mm	G 1/4"
2723-12-06	RHZ 12 L	12 mm	G 3/8"
2723-15-08	RHZ 15 L	15 mm	G 1/2"
2723-18-08	RHZ 18 L	18 mm	G 1/2"
2723-22-12	RHZ 22 L	22 mm	G 3/4"
2723-28-16	RHZ 28 L	28 mm	G 1"
2723-35-20	RHZ 35 L	35 mm	G 1 1/4"
2723-42-24	RHZ 42 L	42 mm	G 1 1/2"
2923-06-04	RHZ 6 S	6 mm	G 1/4"
2923-08-04	RHZ 8 S	8 mm	G 1/4"
2923-10-06	RHZ 10 S	10 mm	G 3/8"
2923-12-06	RHZ 12 S	12 mm	G 3/8"
2923-14-08	RHZ 14 S	14 mm	G 1/2"
2923-16-08	RHZ 16 S	16 mm	G 1/2"
2923-20-12	RHZ 20 S	20 mm	G 3/4"
2923-25-16	RHZ 25 S	25 mm	G 1"
2923-30-20	RHZ 30 S	30 mm	G 1 1/4"
2923-38-24	RHZ 38 S	38 mm	G 1 1/2"

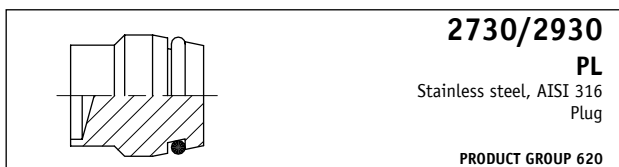


2727

RHDI

Stainless steel, AISI 316
Non-return valve opening pressure 1 bar
c 620

Part number	Type	Thread	
2727-02-02	RHDI /SS	G	1/8 F
2727-04-04	RHDI /SS	G	1/4" F
2727-06-06	RHDI /SS	G	3/8" F
2727-08-08	RHDI /SS	G	1/2" F
2727-12-12	RHDI /SS	G	3/4" F
2727-16-16	RHDI /SS	G	1" F
2727-20-20	RHDI /SS	G	1 1/4" F
2727-24-24	RHDI /SS	G	1 1/2" F



2730/2930

PL

Stainless steel, AISI 316
Plug

PRODUCT GROUP 620

Part number	Type	Pipe dim.
2730-00-06	PL 6 L/S	6 mm
2730-00-08	PL 8 L/S	8 mm
2730-00-10	PL 10 L/S	10 mm
2730-00-12	PL 12 L/S	12 mm
2730-00-15	PL 15 L	15 mm
2730-00-18	PL 18 L	18 mm
2730-00-22	PL 22 L	22 mm
2730-00-28	PL 28 L	28 mm
2730-00-35	PL 35 L	35 mm
2730-00-42	PL 42 L	42 mm
2930-00-06	PL 6 S	6 mm
2930-00-08	PL 8 S	8 mm
2930-00-10	PL 10 S	10 mm
2930-00-12	PL 12 S	12 mm
2930-00-14	PL 14 S	14 mm
2930-00-16	PL 16 S	16 mm
2930-00-20	PL 20 S	20 mm
2930-00-25	PL 25 S	25 mm
2930-00-30	PL 30 S	30 mm
2930-00-38	PL 38 S	38 mm



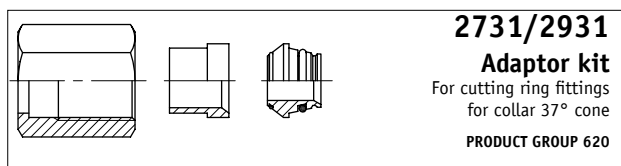
2749/2949

D

Stainless steel, AISI 316
Cutting ring

PRODUCT GROUP 620

Part number	Type	Pipe dim.
2749-00-06	D 6 L/S	6 mm
2749-00-08	D 8 L/S	8 mm
2749-00-10	D 10 L/S	10 mm
2749-00-12	D 12 L/S	12 mm
2749-00-15	D 15 L	15 mm
2749-00-18	D 18 L	18 mm
2749-00-22	D 22 L	22 mm
2749-00-28	D 28 L	28 mm
2749-00-35	D 35 L	35 mm
2749-00-42	D 42 L	42 mm
2949-00-14	D 14 S	14 mm
2949-00-16	D 16 S	16 mm
2949-00-20	D 20 S	20 mm
2949-00-25	D 25 S	25 mm
2949-00-30	D 30 S	30 mm
2949-00-38	D 38 S	38 mm



2731/2931

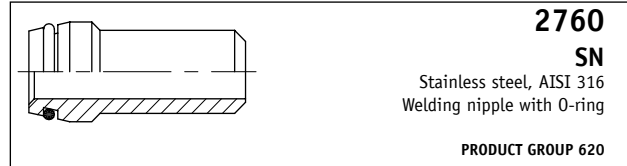
Adaptor kit

For cutting ring fittings
for collar 37° cone

PRODUCT GROUP 620

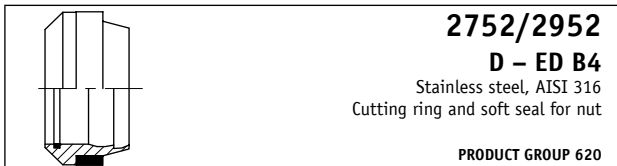
Part number	Type	Pipe size
2731-00-06	HOA 6 L	6 mm
2731-00-08	HOA 8 L	8 mm
2731-00-10	HOA 10 L	10 mm
2731-00-12	HOA 12 L	12 mm
2731-00-15	HOA 15 L	15 mm
2731-00-18	HOA 18 L	18 mm
2731-00-22	HOA 22 L	22 mm
2731-00-28	HOA 28 L	28 mm
2731-00-35	HOA 35 L	35 mm
2731-00-42	HOA 42 L	42 mm
2931-00-06	HOA 6 S	6 mm
2931-00-08	HOA 8 S	8 mm
2931-00-10	HOA 10 S	10 mm
2931-00-12	HOA 12 S	12 mm
2931-00-14	HOA 14 S	14 mm
2931-00-16	HOA 16 S	16 mm
2931-00-20	HOA 20 S	20 mm
2931-00-25	HOA 25 S	25 mm
2931-00-30	HOA 30 S	30 mm
2931-00-38	HOA 38 S	38 mm



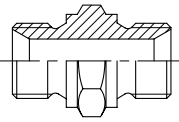


Part number	Type	Pipe dim.	Thread
2750-00-06	M 6 L	6 mm	M 12 x 1.5
2750-00-08	M 8 L	8 mm	M 14 x 1.5
2750-00-10	M 10 L	10 mm	M 16 x 1.5
2750-00-12	M 12 L	12 mm	M 18 x 1.5
2750-00-15	M 15 L	15 mm	M 22 x 1.5
2750-00-18	M 18 L	18 mm	M 26 x 1.5
2750-00-22	M 22 L	22 mm	M 30 x 2.0
2750-00-28	M 28 L	28 mm	M 36 x 2.0
2750-00-35	M 35 L	35 mm	M 45 x 2.0
2750-00-42	M 42 L	42 mm	M 52 x 2.0
2950-00-06	M 6 S	6 mm	M 14 x 1.5
2950-00-08	M 8 S	8 mm	M 16 x 1.5
2950-00-10	M 10 S	10 mm	M 18 x 1.5
2950-00-12	M 12 S	12 mm	M 20 x 1.5
2950-00-14	M 14 S	14 mm	M 22 x 1.5
2950-00-16	M 16 S	16 mm	M 24 x 1.5
2950-00-20	M 20 S	20 mm	M 30 x 2.0
2950-00-25	M 25 S	25 mm	M 36 x 2.0
2950-00-30	M 30 S	30 mm	M 42 x 2.0
2950-00-38	M 38 S	38 mm	M 52 x 2.0

Part number	Type	Pipe dim.	Thickness
2760-06-15	SN 6	6 mm	1.50 mm
2760-08-15	SN 8	8 mm	1.50 mm
2760-10-20	SN 10	10 mm	2.00 mm
2760-12-20	SN 12	12 mm	2.00 mm
2760-16-20	SN 16	16 mm	2.00 mm
2760-16-25	SN 16	16 mm	2.50 mm
2760-16-30	SN 16	16 mm	3.00 mm
2760-20-25	SN 20	20 mm	2.50 mm
2760-20-30	SN 20	20 mm	3.00 mm
2760-20-40	SN 20	20 mm	4.00 mm
2760-25-30	SN 25	25 mm	3.00 mm
2760-25-40	SN 25	25 mm	4.00 mm
2760-30-30	SN 30	30 mm	3.00 mm
2760-30-40	SN 30	30 mm	4.00 mm
2760-30-50	SN 30	30 mm	5.00 mm
2760-38-40	SN 38	38 mm	4.00 mm
2760-38-50	SN 38	38 mm	5.00 mm

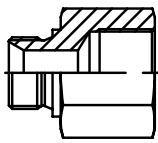


Part number	Type	Pipe dim.
2752-03-06	D - ED B4 6 L	6 mm
2752-03-08	D - ED B4 8 L	8 mm
2752-03-10	D - ED B4 10 L	10 mm
2752-03-12	D - ED B4 12 L	12 mm
2752-03-15	D - ED B4 15 L	15 mm
2752-03-18	D - ED B4 18 L	18 mm
2752-03-22	D - ED B4 22 L	22 mm
2752-03-28	D - ED B4 28 L	28 mm
2752-03-35	D - ED B4 35 L	35 mm
2752-03-42	D - ED B4 42 L	42 mm
2952-03-06	D - ED B4 6 S	6 mm
2952-03-08	D - ED B4 8 S	8 mm
2952-03-10	D - ED B4 10 S	10 mm
2952-03-12	D - ED B4 12 S	12 mm
2952-03-14	D - ED B4 14 S	14 mm
2952-03-16	D - ED B4 16 S	16 mm
2952-03-20	D - ED B4 20 S	20 mm
2952-03-25	D - ED B4 25 S	25 mm
2952-03-30	D - ED B4 30 S	30 mm
2952-03-38	D - ED B4 38 S	38 mm



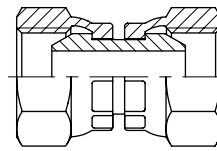
7802
G M x G M
 60° cone sealing
 DIN 3852, A
 Stainless steel, AISI 316
PRODUCT GROUP 780

Part number	Thread 1	Thread 2
7802-02-02	G 1/8" M	G 1/8" M
7802-02-04	G 1/8" M	G 1/4" M
7802-04-04	G 1/4" M	G 1/4" M
7802-04-06	G 1/4" M	G 3/8" M
7802-04-08	G 1/4" M	G 1/2" M
7802-06-06	G 3/8" M	G 3/8" M
7802-06-08	G 3/8" M	G 1/2" M
7802-06-12	G 3/8" M	G 3/4" M
7802-06-16	G 3/8" M	G 1" M
7802-08-08	G 1/2" M	G 1/2" M
7802-08-12	G 1/2" M	G 3/4" M
7802-08-16	G 1/2" M	G 1" M
7802-10-10	G 5/8" M	G 5/8" M
7802-12-12	G 3/4" M	G 3/4" M
7802-12-16	G 3/4" M	G 1" M
7802-16-16	G 1" M	G 1" M
7802-16-20	G 1" M	G 1 1/4" M
7802-20-20	G 1 1/4" M	G 1 1/4" M
7802-20-24	G 1 1/4" M	G 1 1/2" M
7802-24-24	G 1 1/2" M	G 1 1/2" M
7802-24-32	G 1 1/2" M	G 2" M
7802-32-32	G 2" M	G 2" M



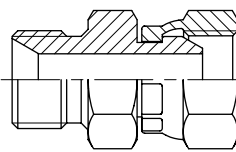
7805
G M x G F
 60° cone sealing
 Stainless steel, AISI 316
PRODUCT GROUP 780

Part number	Thread 1	Thread 2
7805-02-02	G 1/8" M	G 1/8" F
7805-02-04	G 1/8" M	G 1/4" F
7805-04-02	G 1/4" M	G 1/8" F
7805-04-04	G 1/4" M	G 1/4" F
7805-04-06	G 1/4" M	G 3/8" F
7805-04-08	G 1/4" M	G 1/2" F
7805-06-04	G 3/8" M	G 1/4" F
7805-06-06	G 3/8" M	G 3/8" F
7805-06-08	G 3/8" M	G 1/2" F
7805-08-04	G 1/2" M	G 1/4" F
7805-08-06	G 1/2" M	G 3/8" F
7805-08-08	G 1/2" M	G 1/2" F
7805-08-12	G 1/2" M	G 3/4" F
7805-08-16	G 1/2" M	G 1" F
7805-12-08	G 3/4" M	G 1/2" F
7805-12-12	G 3/4" M	G 3/4" F
7805-12-16	G 3/4" M	G 1" F
7805-16-12	G 1" M	G 3/4" F
7805-16-16	G 1" M	G 1" F
7805-20-16	G 1 1/4" M	G 1" F
7805-20-20	G 1 1/4" M	G 1 1/4" F
7805-20-24	G 1 1/4" M	G 1 1/2" F
7805-24-24	G 1 1/2" M	G 1 1/2" F
7805-32-32	G 2" M	G 2" F



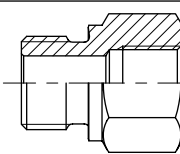
7807
G FS x G FS
 Stainless steel, AISI 316
PRODUCT GROUP 780

Part number	Thread 1	Thread 2
7807-02-02	G 1/8" FS	G 1/8" FS
7807-02-04	G 1/8" FS	G 1/4" FS
7807-04-04	G 1/4" FS	G 1/4" FS
7807-06-06	G 3/8" FS	G 3/8" FS
7807-08-08	G 1/2" FS	G 1/2" FS
7807-12-12	G 3/4" FS	G 3/4" FS
7807-12-16	G 3/4" FS	G 1" FS
7807-16-16	G 1" FS	G 1" FS



7808
G M x G FS
 Stainless steel, AISI 316
PRODUCT GROUP 780

Part number	Thread 1	Thread 2
7808-02-02	G 1/8" M	G 1/8" FS
7808-04-04	G 1/4" M	G 1/4" FS
7808-06-04	G 3/8" M	G 1/4" FS
7808-06-06	G 3/8" M	G 3/8" FS
7808-06-08	G 3/8" M	G 1/2" FS
7808-08-04	G 1/2" M	G 1/4" FS
7808-08-06	G 1/2" M	G 3/8" FS
7808-08-08	G 1/2" M	G 1/2" FS
7808-08-12	G 1/2" M	G 3/4" FS
7808-12-12	G 3/4" M	G 3/4" FS
7808-16-16	G 1" M	G 1" FS
7808-20-16	G 1 1/4" M	G 1" FS
7808-20-20	G 1 1/4" M	G 1 1/4" FS
7808-24-24	G 1 1/2" M	G 1 1/2" FS
7808-32-32	G 2" M	G 2" FS



7809
G M x G F long
 Stainless steel, AISI 316
PRODUCT GROUP 780

Part number	Thread 1	Thread 2
7809-02-04	G 1/8" M	G 1/4" F
7809-04-02	G 1/4" M	G 1/8" F
7809-04-06	G 1/4" M	G 3/8" F
7809-04-08	G 1/4" M	G 1/2" F
7809-04-12	G 1/4" M	G 3/4" F
7809-06-04	G 3/8" M	G 1/4" F
7809-06-08	G 3/8" M	G 1/2" F
7809-08-06	G 1/2" M	G 3/8" F
7809-08-12	G 1/2" M	G 3/4" F
7809-08-16	G 1/2" M	G 1" F
7809-12-08	G 3/4" M	G 1/2" F
7809-12-16	G 3/4" M	G 1" F
7809-12-20	G 3/4" M	G 1 1/4" F
7809-12-24	G 3/4" M	G 1 1/2" F
7809-16-12	G 1" M	G 3/4" F
7809-16-20	G 1" M	G 1 1/4" F
7809-16-24	G 1" M	G 1 1/2" F
7809-20-16	G 1 1/4" M	G 1" F

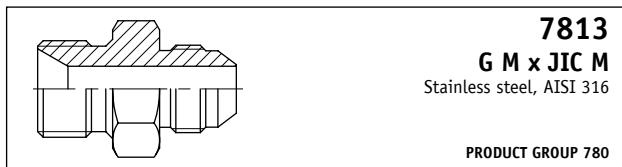




7810
G M x G F Short
Stainless steel, AISI 316

PRODUCT GROUP 780

Part number	Thread 1	Thread 2
7810-06-02	G 3/8" M	G 1/8" F
7810-08-02	G 1/2" M	G 1/8" F
7810-08-04	G 1/2" M	G 1/4" F
7810-12-04	G 3/4" M	G 1/4" F
7810-12-06	G 3/4" M	G 3/8" F
7810-12-08	G 3/4" M	G 1/2" F
7810-16-04	G 1" M	G 1/4" F
7810-16-06	G 1" M	G 3/8" F
7810-16-08	G 1" M	G 1/2" F
7810-20-08	G 1 1/4" M	G 1/2" F
7810-20-12	G 1 1/4" M	G 3/4" F
7810-24-12	G 1 1/2" M	G 3/4" F
7810-24-16	G 1 1/2" M	G 1" F
7810-32-20	G 2" M	G 1 1/4" F
7810-32-24	G 2" M	G 1 1/2" F



7813
G M x JIC M
Stainless steel, AISI 316

PRODUCT GROUP 780

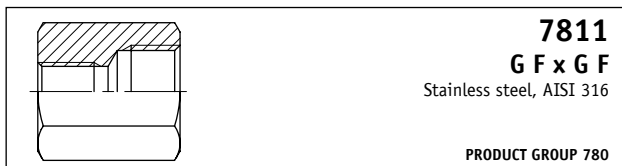
Part number	Thread 1	Thread 2
7813-04-07	G 1/4" M	JIC 7/16" M



7817
G M ED x G F Short
Stainless steel, AISI 316

PRODUCT GROUP 700

Part number	Thread 1	Thread 2
7817-08-04	G 1/2" M ED	G 1/4" F
7817-16-04	G 1" M ED	G 1/4" F
7817-16-08	G 1" M ED	G 1/2" F



7811
G F x G F
Stainless steel, AISI 316

PRODUCT GROUP 780

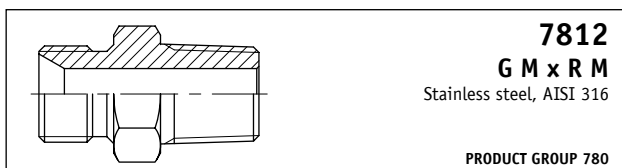
Part number	Thread 1	Thread 2
7811-02-02	G 1/8" F	G 1/8" F
7811-02-04	G 1/8" F	G 1/4" F
7811-04-04	G 1/4" F	G 1/4" F
7811-04-06	G 1/4" F	G 3/8" F
7811-04-08	G 1/4" F	G 1/2" F
7811-06-06	G 3/8" F	G 3/8" F
7811-06-08	G 3/8" F	G 1/2" F
7811-08-08	G 1/2" F	G 1/2" F
7811-08-12	G 1/2" F	G 3/4" F
7811-08-16	G 1/2" F	G 1" F
7811-12-12	G 3/4" F	G 3/4" F
7811-16-16	G 1" F	G 1" F
7811-20-20	G 1 1/4" F	G 1 1/4" F
7811-24-24	G 1 1/2" F	G 1 1/2" F
7811-32-32	G 2" F	G 2" F



7819
G M x M M
Stainless steel, AISI 316

PRODUCT GROUP 700

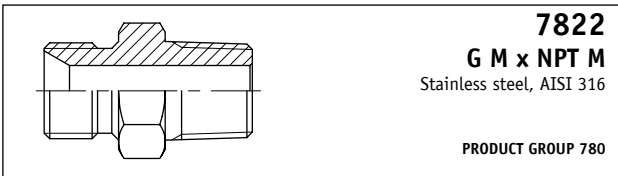
Part number	Thread 1	Thread 2
7819-08-18	G 1/2" M	M 18 x 1,5 M
7819-32-65	G 2" M	M 65 2 M



7812
G M x R M
Stainless steel, AISI 316

PRODUCT GROUP 780

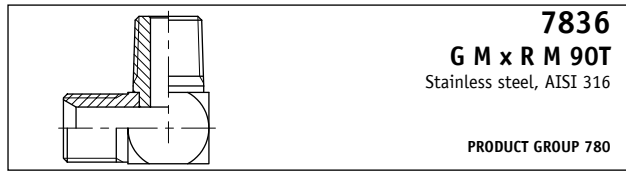
Part number	Thread 1	Thread 2
7812-04-02	G 1/4" M	R 1/8" M
7812-04-04	G 1/4" M	R 1/4" M
7812-06-02	G 3/8" M	R 1/8" M
7812-06-06	G 3/8" M	R 3/8" M
7812-08-06	G 1/2" M	R 3/8" M
7812-08-08	G 1/2" M	R 1/2" M
7812-12-12	G 3/4" M	R 3/4" M
7812-12-16	G 3/4" M	R 1" M
7812-16-16	G 1" M	R 1" M
7812-20-20	G 1 1/4" M	R 1 1/4" M
7812-24-24	G 1 1/2" M	R 1 1/2" M
7812-32-32	G 2" M	R 2" M



7822
G M x NPT M
Stainless steel, AISI 316

PRODUCT GROUP 780

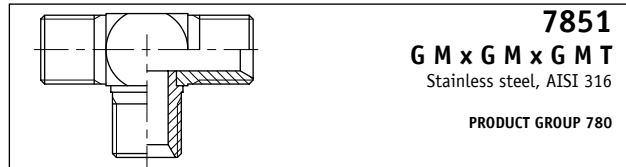
Part number	Thread 1	Thread 2
7822-02-02	G 1/8" M	1/8"- 27 NPT M
7822-04-04	G 1/4" M	1/4"- 18 NPT M
7822-04-06	G 1/4" M	3/8"- 18 NPT M
7822-06-04	G 3/8" M	1/4"- 18 NPT M
7822-06-06	G 3/8" M	3/8"- 18 NPT M
7822-08-04	G 1/2" M	1/4"- 18 NPT M
7822-08-06	G 1/2" M	3/8"- 18 NPT M
7822-08-08	G 1/2" M	1/2"- 14 NPT M
7822-08-12	G 1/2" M	3/4"- 14 NPT M
7822-08-16	G 1/2" M	1"- 11½ NPT M
7822-10-08	G 5/8" M	1/2"- 18 NPT M
7822-12-08	G 3/4" M	1/2"- 18 NPT M
7822-12-12	G 3/4" M	3/4"- 14 NPT M
7822-12-16	G 3/4" M	1"- 11½ NPT M
7822-16-12	G 1" M	3/4"- 14 NPT M
7822-16-16	G 1" M	1"- 11½ NPT M
7822-20-16	G 1 1/4" M	1"- 11½ NPT M
7822-20-20	G 1 1/4" M	1 1/4"- 11½ NPT M
7822-24-16	G 1 1/2" M	1"- 11½ NPT M
7822-24-24	G 1 1/2" M	1 1/2"- 11½ NPT M
7822-32-32	G 2" M	2"- 11½ NPT M



7836
G M x R M 90T
Stainless steel, AISI 316

PRODUCT GROUP 780

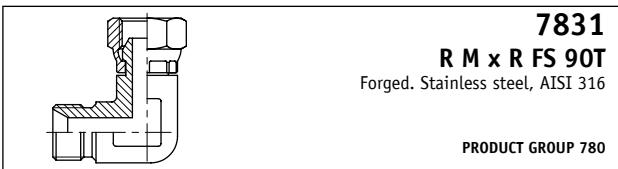
Part number	Thread 1	Type	Thread 2
7836-02-02	G 1/8" M	90T	R 1/8" M
7836-04-04	G 1/4" M	90T	R 1/4" M
7836-06-06	G 3/8" M	90T	R 3/8" M
7836-08-08	G 1/2" M	90T	R 1/2" M
7836-12-12	G 3/4" M	90T	R 3/4" M
7836-16-16	G 1" M	90T	R 1" M



7851
G M x G M x G M T
Stainless steel, AISI 316

PRODUCT GROUP 780

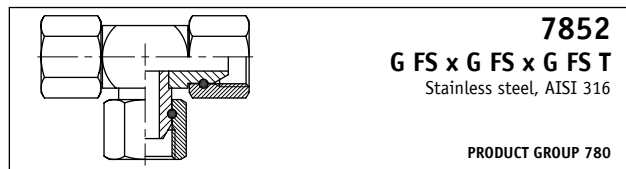
Part number	Thread 1	Thread 2	Thread 3
7851-04-04	G 1/4" M	G 1/4" M	G 1/4" M T
7851-06-06	G 3/8" M	G 3/8" M	G 3/8" M T
7851-08-08	G 1/2" M	G 1/2" M	G 1/2" M T
7851-12-12	G 3/4" M	G 3/4" M	G 3/4" M T
7851-16-16	G 1" M	G 1" M	G 1" M T



7831
R M x R FS 90T
Forged. Stainless steel, AISI 316

PRODUCT GROUP 780

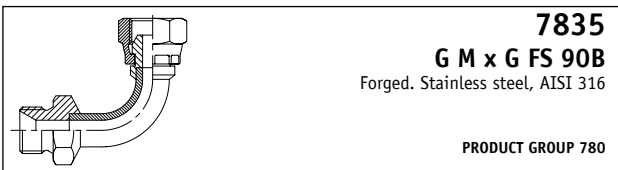
Part number	Thread 1	Type	Thread 2
7831-02-02	G 1/8" M	90T	G 1/8" FS
7831-04-04	G 1/4" M	90T	G 1/4" FS
7831-06-06	G 3/8" M	90T	G 3/8" FS
7831-08-08	G 1/2" M	90T	G 1/2" FS
7831-12-12	G 3/4" M	90T	G 3/4" FS
7831-16-16	G 1" M	90T	G 1" FS
7831-20-20	G 1 1/4" M	90T	G 1 1/4" FS
7831-24-24	G 1 1/2" M	90T	G 1 1/2" FS
7831-32-32	G 2" M	90T	G 2" FS



7852
G FS x G FS x G FS T
Stainless steel, AISI 316

PRODUCT GROUP 780

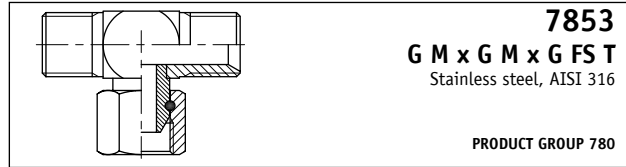
Part number	Thread 1	Thread 2	Thread 3
7852-04-04	G 1/4" FS	G 1/4" FS	G 1/4" FS T
7852-06-06	G 3/8" FS	G 3/8" FS	G 3/8" FS T
7852-08-08	G 1/2" FS	G 1/2" FS	G 1/2" FS T
7852-12-12	G 3/4" FS	G 3/4" FS	G 3/4" FS T
7852-16-16	G 1" FS	G 1" FS	G 1" FS T



7835
G M x G FS 90B
Forged. Stainless steel, AISI 316

PRODUCT GROUP 780

Part number	Thread 1	Type	Thread 2
7835-04-04	G 1/4" M	90B	G 1/4" FS
7835-06-06	G 3/8" M	90B	G 3/8" FS
7835-08-08	G 1/2" M	90B	G 1/2" FS
7835-12-12	G 3/4" M	90B	G 3/4" FS
7835-16-16	G 1" M	90B	G 1" FS
7835-32-32	G 2" M	90B	G 2" FS



7853
G M x G M x G FS T
Stainless steel, AISI 316

PRODUCT GROUP 780

Part number	Thread 1	Thread 2	Thread 3
7853-04-04	G 1/4" M	G 1/4" M	G 1/4" FS T
7853-06-06	G 3/8" M	G 3/8" M	G 3/8" FS T
7853-08-08	G 1/2" M	G 1/2" M	G 1/2" FS T
7853-12-12	G 3/4" M	G 3/4" M	G 3/4" FS T
7853-16-16	G 1" M	G 1" M	G 1" FS T

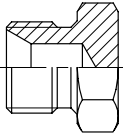


7854
G FS x G M x G M L
Stainless steel, AISI 316

PRODUCT GROUP 780

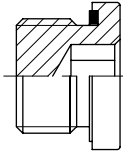
Part number	Thread 1	Thread 2	Thread 3
7854-04-04	G 1/4" M	G 1/4" FS	G 1/4" M T
7854-06-06	G 3/8" M	G 3/8" FS	G 3/8" M T
7854-08-08	G 1/2" M	G 1/2" FS	G 1/2" M T
7854-12-12	G 3/4" M	G 3/4" FS	G 3/4" M T
7854-16-16	G 1" M	G 1" FS	G 1" M T





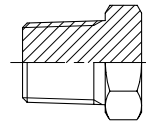
7861
G M plug
Stainless steel, AISI 316
PRODUCT GROUP 780

Part number	Type	Thread
7861-00-02	Plug	G 1/8" M
7861-00-04	Plug	G 1/4" M
7861-00-06	Plug	G 3/8" M
7861-00-08	Plug	G 1/2" M
7861-00-12	Plug	G 3/4" M
7861-00-16	Plug	G 1" M
7861-00-20	Plug	G 1 1/4" M
7861-00-24	Plug	G 1 1/2" M
7861-00-32	Plug	G 2" M



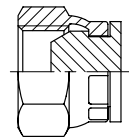
7863
G M ED cap head plug
Stainless steel, AISI 316
PRODUCT GROUP 780

Part number	Type	Thread
7863-00-02	Cap head plug	G 1/8" M
7863-00-04	Cap head plug	G 1/4" M
7863-00-06	Cap head plug	G 3/8" M
7863-00-08	Cap head plug	G 1/2" M
7863-00-12	Cap head plug	G 3/4" M
7863-00-16	Cap head plug	G 1" M
7863-00-20	Cap head plug	G 1 1/4" M
7863-00-24	Cap head plug	G 1 1/2" M



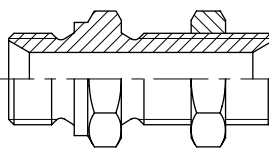
7861-10
R M plug
Stainless steel, AISI 316
PRODUCT GROUP 780

Part number	Type	Thread
7861-10-06	Plug	R 3/8" M
7861-10-08	Plug	R 1/2" M



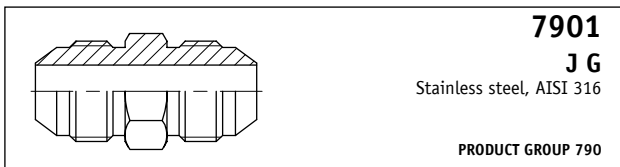
7861-20
G FS CAP
Stainless steel, AISI 316
PRODUCT GROUP 780

Part number	Type	Thread
7861-20-04	CAP	G 1/4" FS
7861-20-06	CAP	G 3/8" FS
7861-20-08	CAP	G 1/2" FS
7861-20-12	CAP	G 3/4" FS
7861-20-16	CAP	G 1" FS



7890
Bulkhead
G M x G M
Stainless steel, AISI 316
PRODUCT GROUP 780

Part number	Thread 1	Type	Thread 2
7890-04-04	G 1/4" M	Bulkhead	G 1/4" M
7890-06-06	G 3/8" M	Bulkhead	G 3/8" M
7890-08-08	G 1/2" M	Bulkhead	G 1/2" M
7890-12-12	G 3/4" M	Bulkhead	G 3/4" M
7890-16-16	G 1" M	Bulkhead	G 1" M



7901
J G
Stainless steel, AISI 316
PRODUCT GROUP 790

Part number	Type	Pipe dim. (mm)
7901-07-07	JG	6
7901-08-08	JG	8
7901-09-09	JG	10
7901-12-12	JG	12
7901-14-14	JG	14,15,16
7901-17-17	JG	18,20
7901-21-21	JG	25
7901-26-26	JG	30,32
7901-30-30	JG	38



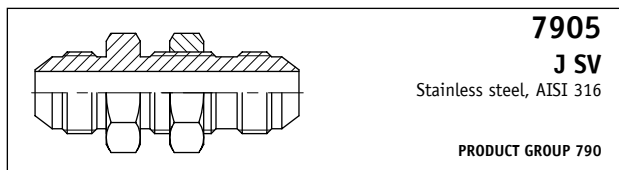
7904
J K
Stainless steel, AISI 316
PRODUCT GROUP 790

Part number	Type	Pipe dim. (mm)
7904-07-07	JK	6
7904-08-08	JK	8
7904-09-09	JK	10
7904-12-12	JK	12
7904-14-14	JK	14,15,16
7904-17-17	JK	18,20
7904-21-21	JK	25
7904-26-26	JK	30,32
7904-30-30	JK	38



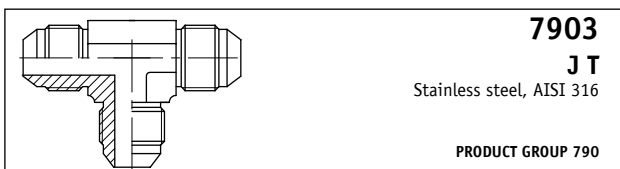
7902
J W
Stainless steel, AISI 316
PRODUCT GROUP 790

Part number	Type	Pipe dim. (mm)
7902-07-07	JW	6
7902-08-08	JW	8
7902-09-09	JW	10
7902-12-12	JW	12
7902-14-14	JW	14,15,16
7902-17-17	JW	18,20
7902-21-21	JW	25
7902-26-26	JW	30,32
7902-30-30	JW	38



7905
J SV
Stainless steel, AISI 316
PRODUCT GROUP 790

Part number	Type	Pipe dim. (mm)
7905-07-07	JSV	6
7905-08-08	JSV	8
7905-09-09	JSV	10
7905-12-12	JSV	12
7905-14-14	JSV	14,15,16
7905-17-17	JSV	18,20
7905-21-21	JSV	25
7905-26-26	JSV	30,32
7905-30-30	JSV	38



7903
J T
Stainless steel, AISI 316
PRODUCT GROUP 790

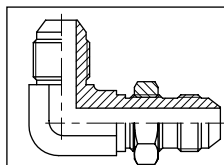
Part number	Type	Pipe dim. (mm)
7903-07-07	JT	6
7903-08-08	JT	8
7903-09-09	JT	10
7903-12-12	JT	12
7903-14-14	JT	14,15,16
7903-17-17	JT	18,20
7903-21-21	JT	25
7903-26-26	JT	30,32
7903-30-30	JT	38



7905-00
JLN
Stainless steel, AISI 316
PRODUCT GROUP 790

Part number	Type	Thread
7905-00-07	JLN	7/16"
7905-00-08	JLN	1/2"
7905-00-09	JLN	9/16"
7905-00-12	JLN	3/4"
7905-00-14	JLN	7/8"
7905-00-17	JLN	1 1/16"
7905-00-19	JLN	1 3/16"
7905-00-21	JLN	1 5/16"
7905-00-26	JLN	1 5/8"
7905-00-30	JLN	1 7/8"

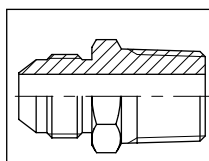




7906
J WSV
Stainless steel, AISI 316

PRODUCT GROUP 790

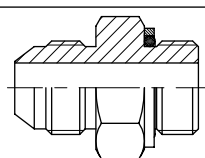
Part number	Type	Pipe dim. (mm)
7906-07-07	J WSV	6
7906-08-08	J WSV	8
7906-09-09	J WSV	10
7906-12-12	J WSV	12
7906-14-14	J WSV	14,15,16
7906-17-17	J WSV	18,20
7906-21-21	J WSV	25
7906-26-26	J WSV	30,32
7906-30-30	J WSV	38



7911
J GE - N
Stainless steel, AISI 316

PRODUCT GROUP 790

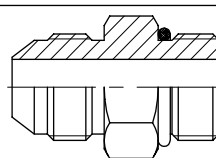
Part number	Type	Pipe dim. (mm)	Thread
7911-07-02	J GE-N	6	1/8"-27 NPT
7911-07-04	J GE-N	6	1/4"-18 NPT
7911-09-04	J GE-N	10	1/4"-18 NPT
7911-09-06	J GE-N	10	3/8"-18 NPT
7911-12-04	J GE-N	12	1/4"-18 NPT
7911-12-06	J GE-N	12	3/8"-18 NPT
7911-12-08	J GE-N	12	1/2"-14 NPT
7911-14-08	J GE-N	14,15,16	1/2"-14 NPT
7911-17-08	J GE-N	18,20	1/2"-14 NPT
7911-17-12	J GE-N	18,20	3/4"-14 NPT
7911-21-16	J GE-N	25	1"-11½ NPT
7911-21-20	J GE-N	25	1 1/4"-11½ NPT
7911-30-24	J GE-N	38	1 1/2"-11½ NPT
7911-40-32	J GE-N	50	2"-11½ NPT



7913
J GE
Stainless steel, AISI 316

PRODUCT GROUP 790

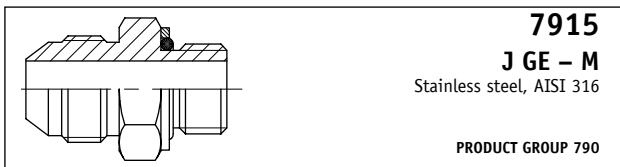
Part number	Type	Pipe dim. (mm)	Thread
7913-07-02	J GE-R	6	G 1/8" M
7913-07-04	J GE-R	6	G 1/4" M
7913-07-06	J GE-R	6	G 3/8" M
7913-07-08	J GE-R	6	G 1/2" M
7913-08-02	J GE-R	8	G 1/8" M
7913-08-04	J GE-R	8	G 1/4" M
7913-08-06	J GE-R	8	G 3/8" M
7913-09-04	J GE-R	10	G 1/4" M
7913-09-06	J GE-R	10	G 3/8" M
7913-09-08	J GE-R	10	G 1/2" M
7913-12-04	J GE-R	12	G 1/4" M
7913-12-06	J GE-R	12	G 3/8" M
7913-12-08	J GE-R	12	G 1/2" M
7913-12-12	J GE-R	12	G 3/4" M
7913-14-06	J GE-R	14,15,16	G 3/8" M
7913-14-08	J GE-R	14,15,16	G 1/2" M
7913-14-12	J GE-R	14,15,16	G 3/4" M
7913-17-06	J GE-R	18,20	G 3/8" M
7913-17-08	J GE-R	18,20	G 1/2" M
7913-17-12	J GE-R	18,20	G 3/4" M
7913-17-16	J GE-R	18,20	G 1" M
7913-21-12	J GE-R	25	G 3/4" M
7913-21-16	J GE-R	25	G 1" M
7913-21-20	J GE-R	25	G 1 1/4" M
7913-26-16	J GE-R	30,32	G 1" M
7913-26-20	J GE-R	30,32	G 1 1/4" M
7913-26-24	J GE-R	30,32	G 1 1/2" M
7913-30-16	J GE-R	38	G 1" M
7913-30-20	J GE-R	38	G 1 1/4" M
7913-30-24	J GE-R	38	G 1 1/2" M



7914
J GE - U
Stainless steel, AISI 316

PRODUCT GROUP 790

Part number	Type	Pipe dim. (mm)	Thread
7914-07-07	J GE-U	6	7/16"-20 UNF
7914-07-09	J GE-U	6	9/16"-18 UNF
7914-08-09	J GE-U	8	9/16"-18 UNF
7914-09-09	J GE-U	10	9/16"-18 UNF
7914-12-09	J GE-U	12	9/16"-18 UNF
7914-12-12	J GE-U	12	3/4"-16 UNF
7914-12-14	J GE-U	12	7/8"-14 UNF
7914-14-12	J GE-U	14,15,16	3/4"-16 UNF
7914-14-14	J GE-U	14,15,16	7/8"-14 UNF
7914-17-14	J GE-U	18,20	7/8"-14 UNF
7914-17-17	J GE-U	18,20	1 1/16"-12 UN
7914-21-14	J GE-U	25	7/8"-14 UNF
7914-21-21	J GE-U	25	1 5/16"-12 UN
7914-26-26	J GE-U	30,32	1 5/8"-12 UN
7914-30-30	J GE-U	38	1 7/8"-12 UN



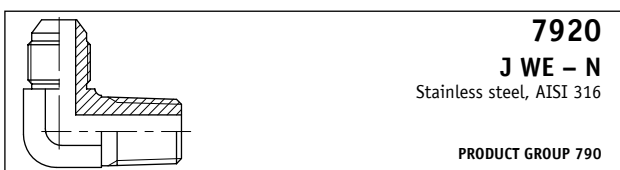
7915
J GE – M
Stainless steel, AISI 316
PRODUCT GROUP 790

Part number	Type	Pipe dim. (mm)	Thread
7915-07-10	J GE-M	6	M 10 x 1,0 M
7915-08-12	J GE-M	8	M 12 x 1,5 M
7915-08-14	J GE-M	8	M 14 x 1,5 M
7915-09-14	J GE-M	10	M 14 x 1,5 M
7915-12-16	J GE-M	12	M 16 x 1,5 M
7915-12-18	J GE-M	12	M 18 x 1,5 M
7915-14-18	J GE-M	14,15,16	M 18 x 1,5 M
7915-14-22	J GE-M	14,15,16	M 22 x 1,5 M
7915-17-22	J GE-M	18,20	M 22 x 1,5 M



7923
J WE – U
Stainless steel, AISI 316
PRODUCT GROUP 790

Part number	Type	Pipe dim. (mm)	Thread
7923-07-07	J WE-U	6	7/16"-20 UNF
7923-09-09	J WE-U	10	9/16"-18 UNF
7923-12-12	J WE-U	12	3/4"-16 UNF
7923-14-14	J WE-U	14,15,16	7/8"-14 UNF
7923-17-17	J WE-U	18,20	1 1/16"-12 UN
7923-21-21	J WE-U	25	1 5/16"-12 UN
7923-26-26	J WE-U	30,32	1 5/8"-12 UN
7923-30-30	J WE-U	38	1 7/8"-12 UN



7920
J WE – N
Stainless steel, AISI 316
PRODUCT GROUP 790

Part number	Type	Pipe dim. (mm)	Thread
7920-07-02	J WE-N	6	1/8"-27 NPT
7920-07-04	J WE-N	6	1/4"-18 NPT
7920-09-04	J WE-N	10	1/4"-18 NPT
7920-12-08	J WE-N	12	1/2"-14 NPT
7920-14-08	J WE-N	14,15,16	1/2"-14 NPT
7920-17-12	J WE-N	18,20	3/4"-14 NPT
7920-26-20	J WE-N	30,32	1 1/4"-11 1/2 NPT



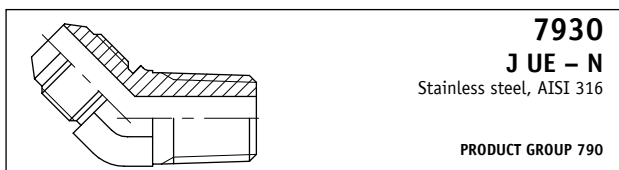
7924
J WE – M
Stainless steel, AISI 316
DIN 3852 P.1
PRODUCT GROUP 790

Part number	Type	Pipe dim. (mm)	Thread
7924-07-10	J WE-M	6	M 10 x 1.0 M
7924-08-12	J WE-M	8	M 12 x 1.5 M
7924-09-14	J WE-M	10	M 14 x 1.5 M
7924-12-16	J WE-M	12	M 16 x 1.5 M
7924-14-22	J WE-M	14,15,16	M 22 x 1.5 M
7924-17-27	J WE-M	18,20	M 27 x 2.0 M
7924-21-33	J WE-M	25	M 33 x 2.0 M
7924-26-42	J WE-M	30,32	M 42 x 2.0 M



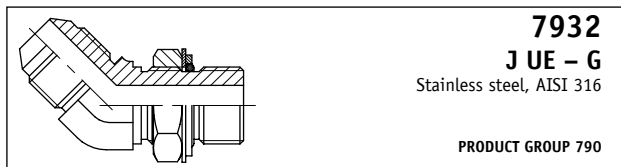
7922
J WE – G
Stainless steel, AISI 316
PRODUCT GROUP 790

Part number	Type	Pipe dim. (mm)	Thread
7922-07-02	J WE-R	6	G 1/8" M
7922-07-04	J WE-R	6	G 1/4" M
7922-08-04	J WE-R	8	G 1/4" M
7922-09-04	J WE-R	10	G 1/4" M
7922-09-06	J WE-R	10	G 3/8" M
7922-09-08	J WE-R	10	G 1/2" M
7922-12-06	J WE-R	12	G 3/8" M
7922-12-08	J WE-R	12	G 1/2" M
7922-12-12	J WE-R	12	G 3/4" M
7922-14-08	J WE-R	14,15,16	G 1/2" M
7922-17-08	J WE-R	18,20	G 1/2" M
7922-17-12	J WE-R	18,20	G 3/4" M
7922-21-16	J WE-R	25	G 1" M
7922-26-20	J WE-R	30,32	G 1 1/4" M
7922-30-24	J WE-R	38	G 1 1/2" M



7930
J UE – N
Stainless steel, AISI 316
PRODUCT GROUP 790

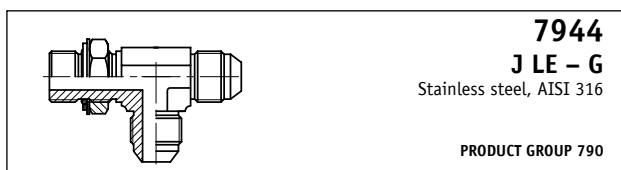
Part number	Type	Pipe dim. (mm)	Thread
7930-07-02	J UE-N	6	1/8"-27 NPT
7930-07-04	J UE-N	6	1/4"-18 NPT
7930-09-06	J UE-N	10	3/8"-18 NPT
7930-12-08	J UE-N	12	1/2"-14 NPT
7930-14-08	J UE-N	14,15,16	1/2"-14 NPT
7930-17-12	J UE-N	18,20	3/4"-14 NPT
7930-21-16	J UE-N	25	1"-11 1/2 NPT
7930-26-20	J UE-N	30,32	1 1/4"-11 1/2 NPT
7930-30-24	J UE-N	38	1 1/2"-11 1/2 NPT

**7932****J UE - G**

Stainless steel, AISI 316

PRODUCT GROUP 790

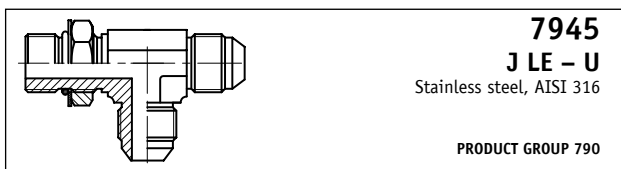
Part number	Type	Pipe dim. (mm)	Thread
7932-07-04	J UE-R	6	G 1/4" M
7932-08-04	J UE-R	8	G 1/4" M
7932-09-06	J UE-R	10	G 3/8" M
7932-12-08	J UE-R	12	G 1/2" M
7932-14-08	J UE-R	14,15,16	G 1/2" M
7932-17-12	J UE-R	18,20	G 3/4" M
7932-21-16	J UE-R	25	G 1" M
7932-26-20	J UE-R	30,32	G 1 1/4" M
7932-30-24	J UE-R	38	G 1 1/2" M

**7944****J LE - G**

Stainless steel, AISI 316

PRODUCT GROUP 790

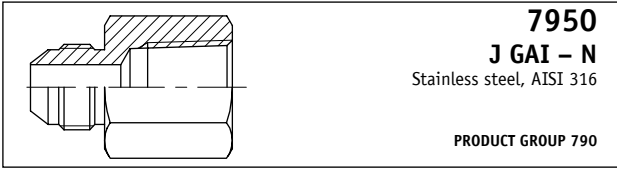
Part number	Type	Pipe dim. (mm)	Thread
7944-07-04	J LE-R	6	G 1/4" M
7944-08-04	J LE-R	8	G 1/4" M
7944-09-04	J LE-R	10	G 1/4" M
7944-09-06	J LE-R	10	G 3/8" M
7944-12-08	J LE-R	12	G 1/2" M
7944-14-08	J LE-R	14,15,16	G 1/2" M
7944-17-12	J LE-R	18,20	G 3/4" M
7944-21-16	J LE-R	25	G 1" M
7944-26-20	J LE-R	30,32	G 1 1/4" M
7944-30-24	J LE-R	38	G 1 1/2" M

**7945****J LE - U**

Stainless steel, AISI 316

PRODUCT GROUP 790

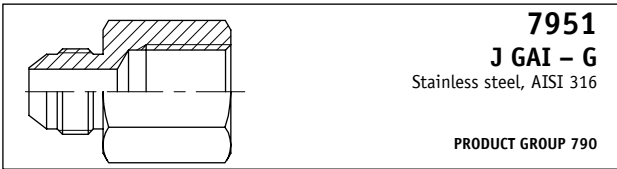
Part number	Type	Pipe dim. (mm)	Thread
7945-07-07	J LE-U	6	7/16"-20 UNF
7945-09-09	J LE-U	10	9/16"-20 UNF
7945-12-12	J LE-U	12	3/4"-20 UNF
7945-14-14	J LE-U	14,15,16	7/8"-20 UNF
7945-17-17	J LE-U	18,20	1 1/16"-20 UN
7945-21-21	J LE-U	25	1 5/16"-20 UN



7950
J GAI - N
Stainless steel, AISI 316

PRODUCT GROUP 790

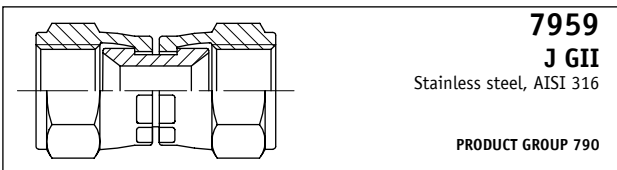
Part number	Type	Pipe dim. (mm)	Thread
7950-07-02	J GAI-N	6	1/8"-27 NPT
7950-07-04	J GAI-N	6	1/4"-18 NPT
7950-08-02	J GAI-N	8	1/8"-27 NPT
7950-08-04	J GAI-N	8	1/4"-18 NPT
7950-09-04	J GAI-N	10	1/4"-18 NPT
7950-09-06	J GAI-N	10	3/8"-18 NPT
7950-12-06	J GAI-N	12	3/8"-18 NPT
7950-12-08	J GAI-N	12	1/2" 14 NPT
7950-14-08	J GAI-N	14,15,16	1/2"-14 NPT
7950-17-08	J GAI-N	18,20	1/2"-14 NPT
7950-17-12	J GAI-N	18,20	3/4"-14 NPT
7950-21-16	J GAI-N	25	1"-11½ NPT
7950-26-20	J GAI-N	30,32	1 1/4"-11½ NPT
7950-30-24	J GAI-N	38	1 1/2"-11½ NPT



7951
J GAI - G
Stainless steel, AISI 316

PRODUCT GROUP 790

Part number	Type	Pipe dim. (mm)	Thread
7951-07-02	J GAI-R	6	G 1/8" F
7951-07-04	J GAI-R	6	G 1/4" F
7951-08-02	J GAI-R	8	G 1/8" F
7951-08-04	J GAI-R	8	G 1/4" F
7951-09-04	J GAI-R	10	G 1/4" F
7951-09-06	J GAI-R	10	G 3/8" F
7951-09-08	J GAI-R	10	G 1/2" F
7951-12-06	J GAI-R	12	G 3/8" F
7951-12-08	J GAI-R	12	G 1/2" F
7951-14-08	J GAI-R	14,15,16	G 1/2" F
7951-17-08	J GAI-R	18,20	G 1/2" F
7951-17-12	J GAI-R	18,20	G 3/4" F
7951-21-16	J GAI-R	25	G 1" F
7951-26-20	J GAI-R	30,32	G 1 1/4" F
7951-30-24	J GAI-R	38	G 1 1/2" F



7959
J GII
Stainless steel, AISI 316

PRODUCT GROUP 790

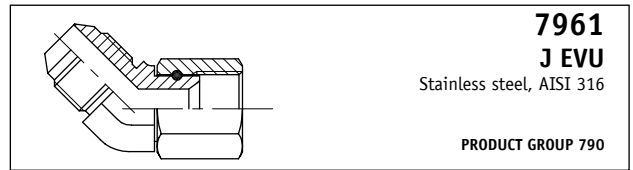
Part number	Type	Pipe dim. 1 (mm)	Pipe dim. 2 (mm)
7959-07-07	J GII	6	6
7959-08-08	J GII	8	8
7959-12-12	J GII	12	12
7959-14-14	J GII	14,15,16	16
7959-17-17	J GII	18,20	20
7959-21-21	J GII	25	25
7959-26-26	J GII	30,32	30



7960
J EVW
Stainless steel, AISI 316

PRODUCT GROUP 790

Part number	Type	Pipe dim. (mm)
7960-07-07	J EVW	6
7960-08-08	J EVW	8
7960-09-09	J EVW	10
7960-12-12	J EVW	12
7960-14-14	J EVW	14,15,16
7960-17-17	J EVW	18,20
7960-21-21	J EVW	25
7960-26-26	J EVW	30,32
7960-30-30	J EVW	38



7961
J EVU
Stainless steel, AISI 316

PRODUCT GROUP 790

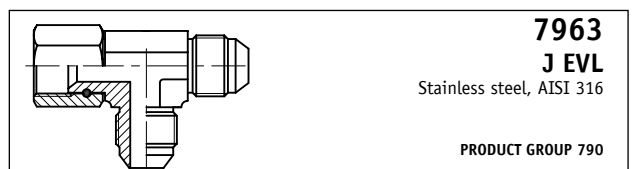
Part number	Type	Pipe dim. (mm)	Thread
7961-07-07	J EVU		6
7961-08-08	J EVU		8
7961-09-09	J EVU		10
7961-12-12	J EVU		12
7961-14-14	J EVU		14,15,16
7961-17-17	J EVU		18,20
7961-21-21	J EVU		25
7961-26-26	J EVU		30,32
7961-30-30	J EVU		38



7962
J EVT
Stainless steel, AISI 316

PRODUCT GROUP 790

Part number	Type	Pipe dim. (mm)	Thread
7962-07-07	J EVT		6
7962-08-08	J EVT		8
7962-09-09	J EVT		10
7962-12-12	J EVT		12
7962-14-14	J EVT		14,15,16
7962-17-17	J EVT		18,20
7962-21-21	J EVT		25
7962-26-26	J EVT		30,32
7962-30-30	J EVT		38

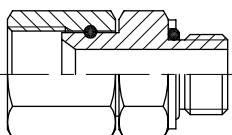


7963
J EVL
Stainless steel, AISI 316

PRODUCT GROUP 790

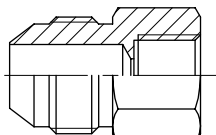
Part number	Type	Pipe dim. (mm)	Thread
7963-07-07	J EVL		6
7963-08-08	J EVL		8
7963-09-09	J EVL		10
7963-12-12	J EVL		12
7963-14-14	J EVL		14,15,16
7963-17-17	J EVL		18,20
7963-21-21	J EVL		25
7963-26-26	J EVL		30,32
7963-30-30	J EVL		38





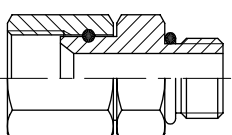
7966
J EVGE – G
Stainless steel, AISI 316
PRODUCT GROUP 790

Part number	Type	Pipe dim. (mm)	Thread
7966-07-04	J EVGE-R	6	G 1/4" M
7966-08-04	J EVGE-R	8	G 1/4" M
7966-09-04	J EVGE-R	10	G 1/4" M
7966-09-06	J EVGE-R	10	G 3/8" M
7966-12-06	J EVGE-R	12	G 3/8" M
7966-12-08	J EVGE-R	12	G 1/2" M
7966-14-06	J EVGE-R	14,15,16	G 3/8" M
7966-14-08	J EVGE-R	14,15,16	G 1/2" M
7966-17-08	J EVGE-R	18,20	G 1/2" M
7966-17-12	J EVGE-R	18,20	G 3/4" M
7966-17-16	J EVGE-R	18,20	G 1" M
7966-21-12	J EVGE-R	25	G 3/4" M
7966-21-16	J EVGE-R	25	G 1" M
7966-26-20	J EVGE-R	30,32	G 1 1/4" M
7966-30-24	J EVGE-R	38	G 1 1/2" M



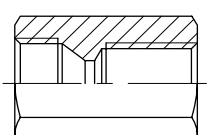
7980
J MAV
Stainless steel, AISI 316
PRODUCT GROUP 790

Part number	Type	Pipe dim. (mm)	Thread
7980-07-04	J MAV	6	G 1/4" F
7980-08-04	J MAV	8	G 1/4" F
7980-09-04	J MAV	10	G 1/4" F
7980-12-04	J MAV	12	G 1/4" F
7980-12-08	J MAV	12	G 1/2" F



7967
J EVGE – U
Stainless steel, AISI 316
PRODUCT GROUP 790

Part number	Type	Pipe dim. (mm)	Thread
7967-07-07	J EVGE-U	6	7/16"-20 UNF
7967-09-09	J EVGE-U	10	9/16"-18 UNF
7967-12-12	J EVGE-U	12	3/4"-16 UNF
7967-14-14	J EVGE-U	14,15,16	7/8"-14 UNF
7967-17-17	J EVGE-U	18,20	1 1/16"-12 UN
7967-21-21	J EVGE-U	25	1 5/16"-12 UN
7967-26-26	J EVGE-U	30,32	1 5/8"-12 UN
7967-30-30	J EVGE-U	38	1 7/8"-12 UN



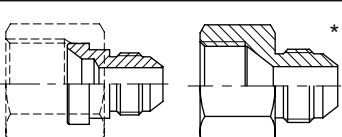
7981
J MA
Stainless steel, AISI 316
PRODUCT GROUP 790

Part number	Type	Pipe dim. (mm)	Thread
7981-08-04	J MA	8	G 1/4" F
7981-09-04	J MA	10	G 1/4" F
7981-12-04	J MA	12	G 1/4" F
7981-17-04	J MA	18,20	G 1/4" F
7981-21-04	J MA	25	G 1/4" F



7990
J PLI
Stainless steel, AISI 316
PRODUCT GROUP 790

Part number	Type	Pipe dim. (mm)
7990-00-07	J PLI	6
7990-00-08	J PLI	8
7990-00-09	J PLI	10
7990-00-12	J PLI	12
7990-00-14	J PLI	14,15,16
7990-00-17	J PLI	18,20
7990-00-21	J PLI	25
7990-00-26	J PLI	30,32
7990-00-30	J PLI	38



7970
J KOR
Stainless steel, AISI 316
PRODUCT GROUP 790

Part number	Type	Pipe dim. 1 (mm)	Pipe dim. 2 (mm)
7970-09-07	J KOR	10	6
7970-09-08*	J KOR	10	8
7970-12-07	J KOR	12	6
7970-12-08	J KOR	12	8
7970-12-09	J KOR	12	10
7970-14-07	J KOR	14,15,16	6
7970-14-08	J KOR	14,15,16	8
7970-14-09	J KOR	14,15,16	10
7970-14-12*	J KOR	14,15,16	12
7970-17-08	J KOR	18,20	8
7970-17-09	J KOR	18,20	10
7970-17-12	J KOR	18,20	12
7970-17-14*	J KOR	18,20	14,15,16
7970-21-12	J KOR	25	12
7970-21-14	J KOR	25	14,15,16
7970-21-17	J KOR	25	18,20
7970-26-14	J KOR	30,32	14,15,16
7970-26-17	J KOR	30,32	18,20
7970-26-21	J KOR	30,32	25
7970-30-17	J KOR	38	18,20
7970-30-21	J KOR	38	25
7970-30-26	J KOR	38	30,32



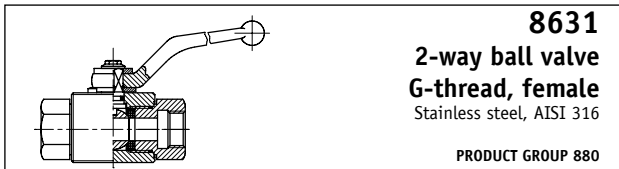
7991
J PLU
Stainless steel, AISI 316
Plug
PRODUCT GROUP 790

Part number	Type	Pipe dim. (mm)
7991-00-07	J PLU	6
7991-00-08	J PLU	8
7991-00-09	J PLU	10
7991-00-12	J PLU	12
7991-00-14	J PLU	14,15,16
7991-00-17	J PLU	18,20
7991-00-21	J PLU	25
7991-00-26	J PLU	30,32
7991-00-30	J PLU	38



Part number	Type	Pipe dim. (mm)
7992-00-07	J M	6
7992-00-08	J M	8
7992-00-09	J M	10
7992-00-12	J M	12
7992-00-14	J M	14,15,16
7992-00-18	J M	18,20
7992-00-19	J M	22
7992-00-21	J M	25
7992-00-26	J M	30,32
7992-00-30	J M	38

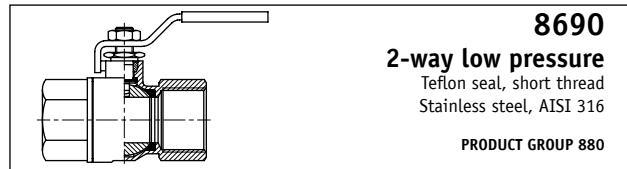
Part number	Type	Pipe dim. (mm)
7993-00-06	J D	6
7993-00-08	J D	8
7993-00-10	J D	10
7993-00-12	J D	12
7993-00-14	J D	14
7993-00-15	J D	15
7993-00-16	J D	16
7993-00-18	J D	18
7993-00-20	J D	20
7993-00-22	J D	22
7993-00-25	J D	25
7993-00-30	J D	30
7993-00-32	J D	32
7993-00-38	J D	38



8631
2-way ball valve
G-thread, female
 Stainless steel, AISI 316

PRODUCT GROUP 880

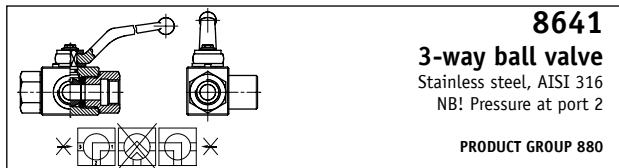
Part number	Connection	DN	WP
8631-04-04	G 1/4" F	6	50,0 MPa
8631-06-06	G 3/8" F	10	50,0 MPa
8631-08-08	G 1/2" F	12	50,0 MPa
8631-12-12	G 3/4" F	20	40,0 MPa
8631-16-16	G 1" F	25	40,0 MPa
8631-20-20	G 1 1/4" F	32	35,0 MPa
8631-24-24	G 1 1/2" F	40	35,0 MPa
8631-32-32	G 2" F	50	35,0 MPa



8690
2-way low pressure
 Teflon seal, short thread
 Stainless steel, AISI 316

PRODUCT GROUP 880

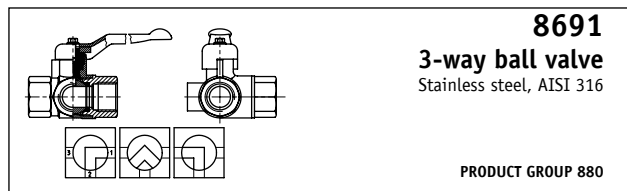
Part number	Type	Connection	WP
8690-04-04	Ball valve	G 1/4" F	6,9 MPa
8690-06-06	Ball valve	G 3/8" F	6,9 MPa
8690-08-08	Ball valve	G 1/2" F	6,9 MPa
8690-12-12	Ball valve	G 3/4" F	6,9 MPa
8690-16-16	Ball valve	G 1" F	6,9 MPa
8690-20-20	Ball valve	G 1 1/4" F	6,9 MPa
8690-24-24	Ball valve	G 1 1/2" F	6,9 MPa
8690-32-32	Ball valve	G 2" F	6,9 MPa
8690-40-40	Ball valve	G 2 1/2" F	6,9 MPa
8690-48-48	Ball valve	G 3" F	6,9 MPa



8641
3-way ball valve
 Stainless steel, AISI 316
 NB! Pressure at port 2

PRODUCT GROUP 880

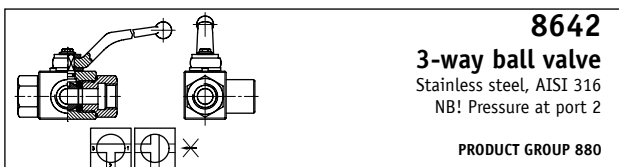
Part number	Connection	DN	Drill	WP
8641-04-04	G 1/4" F	6	L-drilled	40,0 MPa
8641-06-06	G 3/8" F	10	L-drilled	40,0 MPa
8641-08-08	G 1/2" F	12	L-drilled	40,0 MPa
8641-12-12	G 3/4" F	20	L-drilled	35,0 MPa
8641-16-16	G 1" F	25	L-drilled	35,0 MPa



8691
3-way ball valve
 Stainless steel, AISI 316

PRODUCT GROUP 880

Part number	Drill	Connection	WP
8691-06-06	L-drill	G 3/8" F	6,9 MPa
8691-08-08	L-drill	G 1/2" F	6,9 MPa
8691-12-12	L-drill	G 3/4" F	6,9 MPa
8691-16-16	L-drill	G 1" F	6,9 MPa
8691-20-20	L-drill	G 1 1/4" F	6,9 MPa
8691-24-24	L-drill	G 1 1/2" F	6,9 MPa
8691-32-32	L-drill	G 2" F	6,9 MPa



8642
3-way ball valve
 Stainless steel, AISI 316
 NB! Pressure at port 2

PRODUCT GROUP 880

Part number	Connection	DN	Drill	WP
8642-04-04	G 1/4" F	6	T-drill	40,0 MPa
8642-06-06	G 3/8" F	10	T-drill	40,0 MPa
8642-08-08	G 1/2" F	12	T-drill	40,0 MPa
8642-12-12	G 3/4" F	20	T-drill	35,0 MPa
8642-16-16	G 1" F	25	T-drill	35,0 MPa

HEAVY DUTY SWIVELS



SIMPLE DESIGN FOR A LONG LIFE LENGTH

HIGH RESISTANCE AGAINST HYDRAULIC SHOCKS AND SIDE LOADS

SELF LUBRICATING BEARINGS

TRIPLE SEALS

OPERATIONAL PRESSURE UP TO 420BAR

LONG CONTACT SURFACES

EASY TO CHANGE SEALS



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TECHNICAL INFORMATION

Tables and technical information

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FITTING INFORMATION

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PIPE CLAMPS

PAGE

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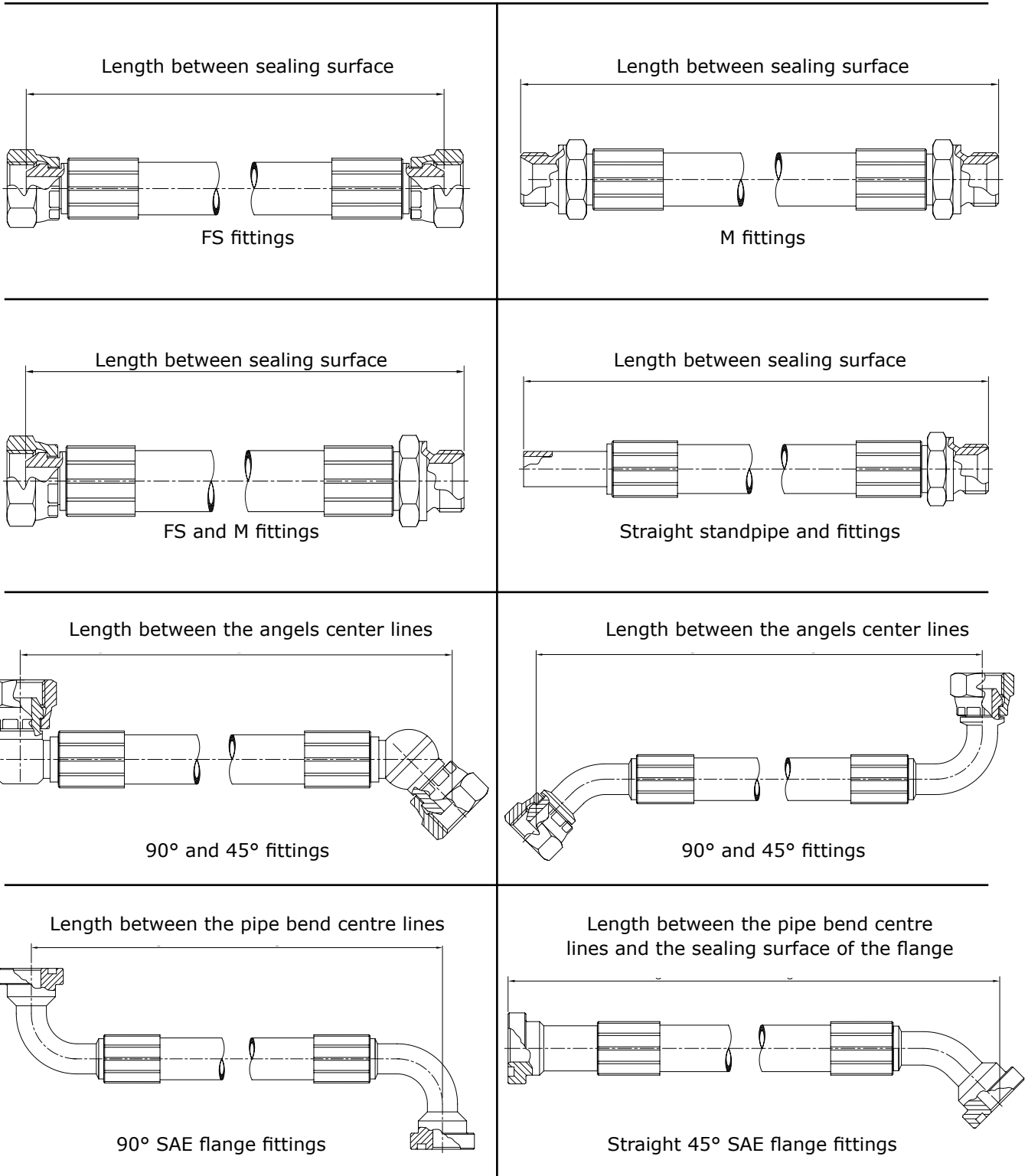
PRESSURE DROP TABLES

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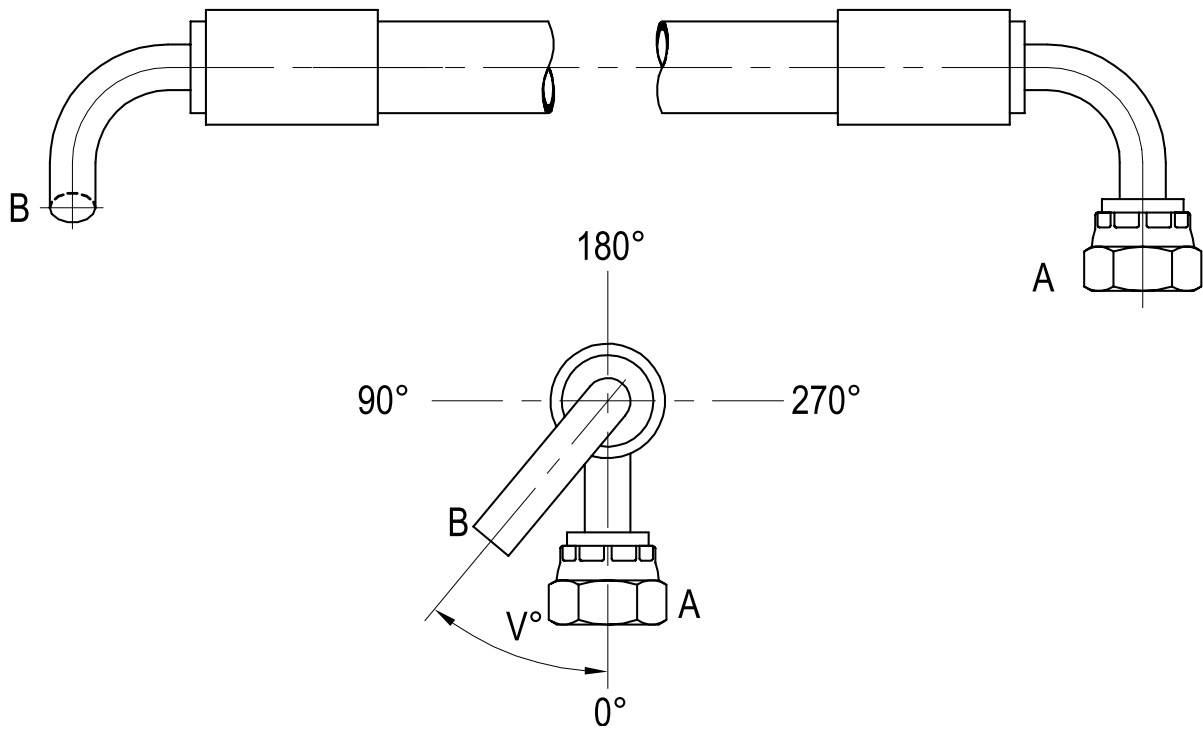
HOW TO MEASURE THE HOSE WHEN ORDERING A PRE-ASSEMBLED HOSE



TOLERANCE FOR ASSEMBLED HOSES

HOSE LENGTH (mm)	TOLERANCE
0-300	+/- 3 mm
300-1000	+/- 6 mm
1000-	+/- 1 %, e.g. 40 mm at a hose length of 2,000 mm

ANGULAR RELATIONSHIP

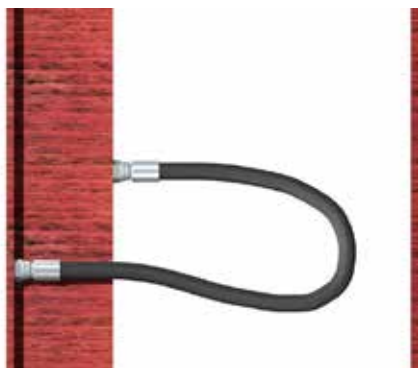


FITTING A HAS POSITION 0° . TURN FITTING B TO A DEFINED ANGLE V° . THE ANGLE TOLERANCE IS $\pm 3^\circ$.

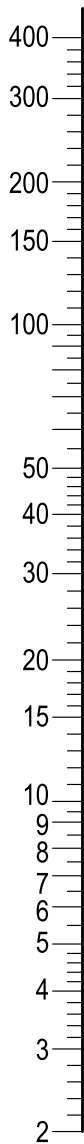
Installation examples

Wrong

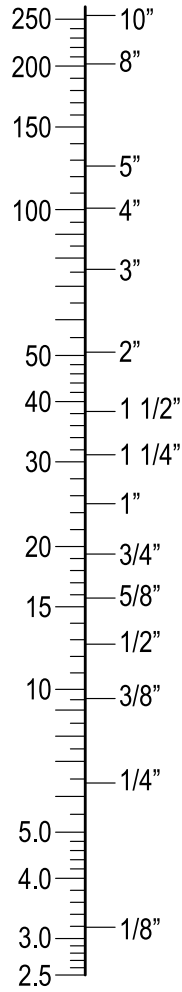
Right



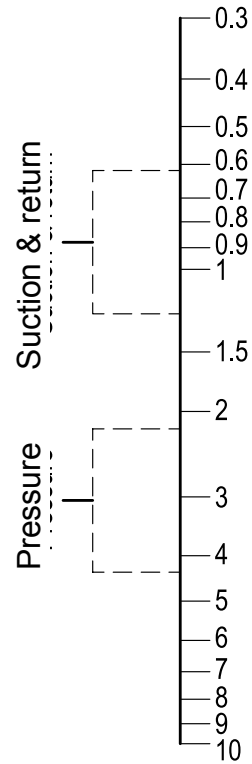
Flow
(liter/min)



Diameter
mm inch

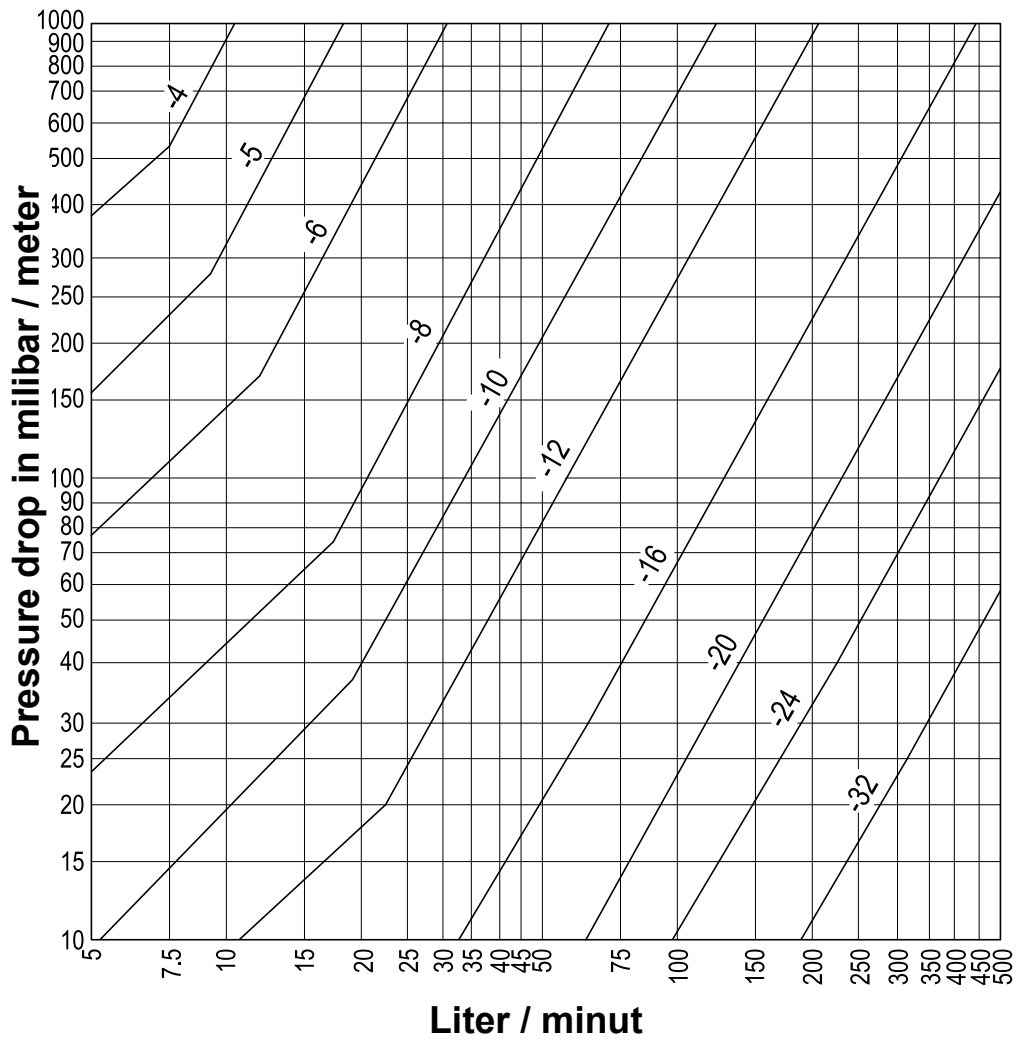


Flow speed
(m/sec)



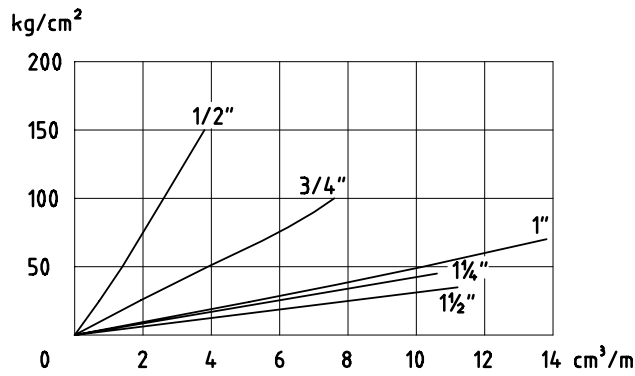
The above monogram is based on a laminar flow. A higher flow rate can be used in many applications. If so, consideration should be taken to tank volume, outside temperature and if the hydraulic aggregate will operate for long or short periods of time. A scant dimensioning results in increased oil temperature.



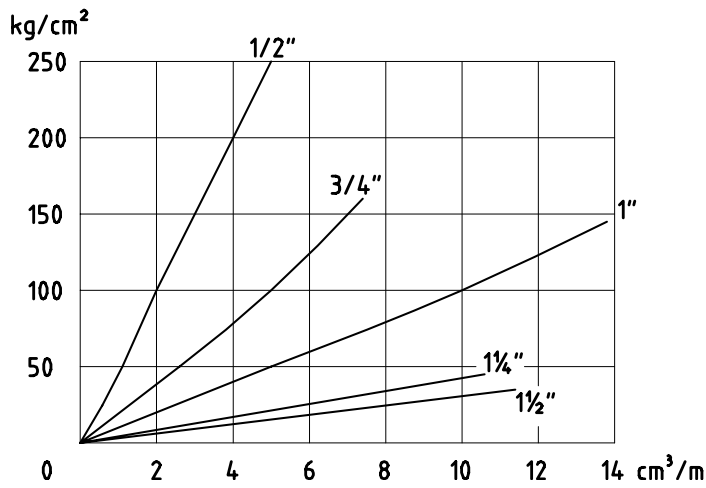


BASED ON 20 CS AT 50°C

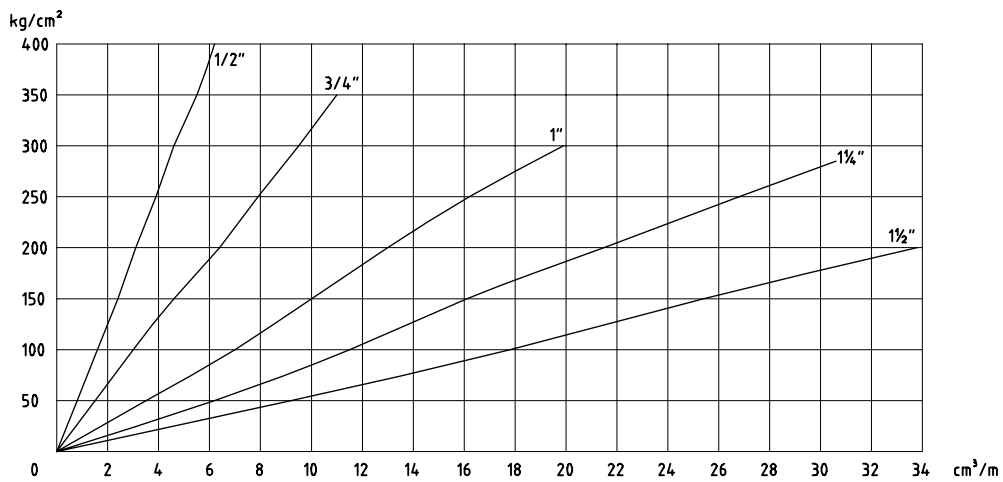
Volumetric expansion



EN 853 1SN

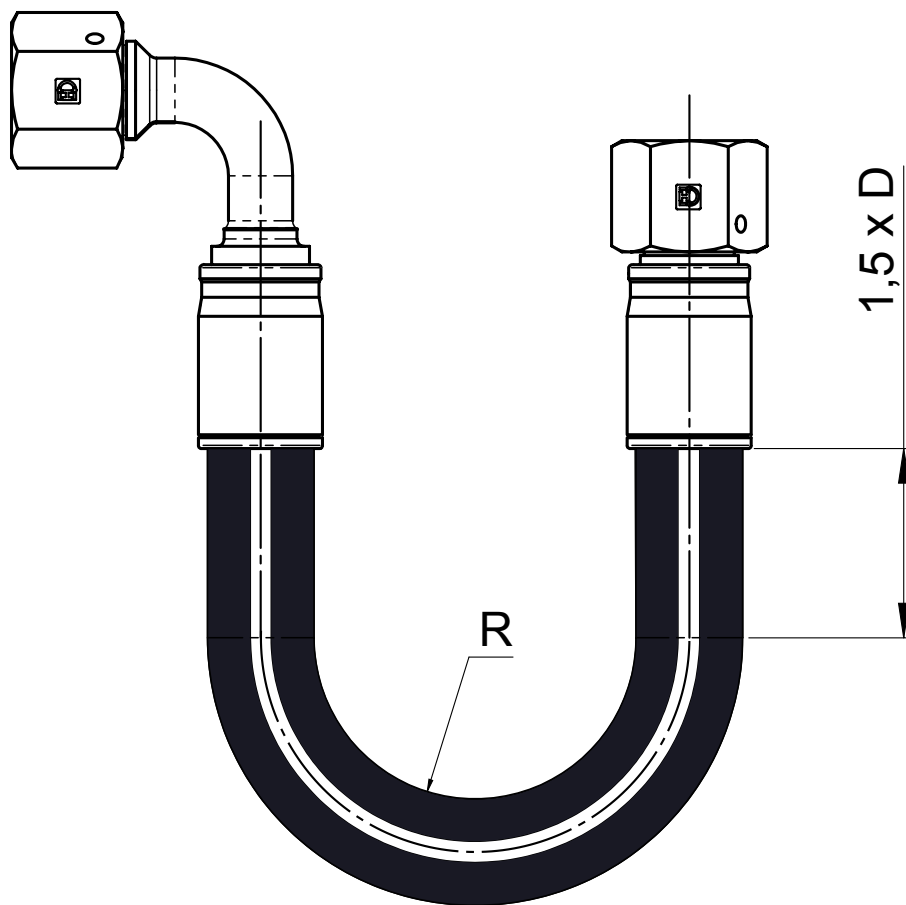


EN 853 2SN

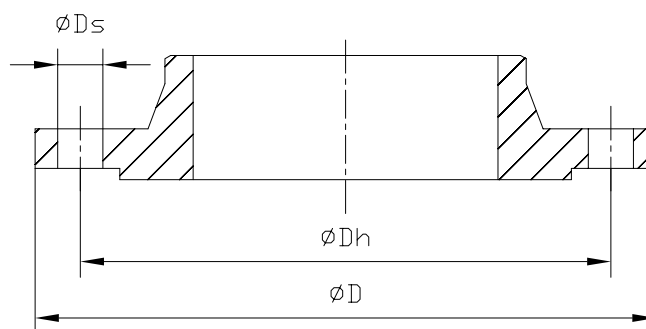


Deltaflex

A short straight hose length ($1.5 \times T$) is required before the hose bending starts. The straight hose length is calculated from the edge of the ferrule to the hose ($D =$ outer diameter of the hose).



Flange dimensions DIN/PN



According to DIN 2631 PN 6					
DN	D	Dh	Screw holes	DS	Screw
	mm	mm	pcs	mm	
10	75	50	4	11	M 10
15	80	55	4	11	M 10
20	90	65	4	11	M 10
25	100	75	4	11	M 10
32	120	90	4	14	M 12
40	130	100	4	14	M 12
50	140	110	4	14	M 12
65	160	130	4	14	M 12
80	190	150	4	18	M 16
100	210	170	4	18	M 16
125	240	200	8	18	M 16
150	265	225	8	18	M 16
200	320	280	8	18	M 16
250	375	335	12	18	M 16
300	440	395	12	22	M 20
350	490	445	12	22	M 20
400	540	495	16	22	M 20
500	645	600	20	22	M 20

According to DIN 2634 PN 25					
DN	D	Dh	Screw holes	DS	Screw
	mm	mm	pcs	mm	
200	360	310	12	26	M 24
250	425	370	12	30	M 27
300	485	430	16	30	M 27
350	555	490	16	33	M 30
400	620	550	16	36	M 33

According to DIN 2635 PN 40					
DN	D	Dh	Screw holes	DS	Screw
	mm	mm	pcs	mm	
10	90	60	4	14	M 12
15	95	65	4	14	M 12
20	105	75	4	14	M 12
25	115	85	4	14	M 12
32	140	100	4	18	M 16
40	150	110	4	18	M 16
50	165	125	4	18	M 16
65	185	145	8	18	M 16
80	200	160	8	18	M 16
100	235	190	8	22	M 20
125	270	220	8	26	M 24
150	300	250	8	26	M 24
200	375	320	12	30	M 27
250	450	385	12	33	M 30
300	515	450	16	33	M 30
350	580	510	16	36	M 33

According to DIN 2632 PN 10					
DN	D	Dh	Screw holes	DS	Screw
	mm	mm	pcs	mm	
80	200	160	8	18	M 16
200	340	295	8	22	M 20
250	395	350	12	22	M 20
300	445	400	12	22	M 20
350	505	460	16	22	M 20
400	565	515	16	26	M 24
500	670	620	20	26	M 24

According to DIN 2633 PN 16					
DN	D	Dh	Screw holes	DS	Screw
	mm	mm	pcs	mm	
10	90	60	4	14	M 12
15	95	65	4	14	M 12
20	105	75	4	14	M 12
25	115	85	4	14	M 12
32	140	100	4	18	M 16
40	150	110	4	18	M 16
50	165	125	4	18	M 16
65	185	145	4	18	M 16
80	200	160	8	18	M 16
100	220	180	8	18	M 16
125	250	210	8	18	M 16
150	285	240	8	22	M 20
200	340	295	12	22	M 20
250	405	355	12	26	M 24
300	460	410	12	26	M 24
350	520	470	16	26	M 24
400	580	525	16	30	M 27
500	715	650	20	33	M 30



Transformation table

P.S.I. to BAR

PSI	BAR	PSI	BAR	PSI	BAR
1	0,07	65	4,5	4500	310
2	0,14	70	4,8	5000	345
3	0,21	75	5,2	5500	379
4	0,28	80	5,5	6000	414
5	0,35	85	5,9	6500	448
6	0,41	90	6,2	7000	483
7	0,48	95	6,6	7500	517
8	0,55	100	6,9	8000	552
9	0,62	200	13,8	8500	586
10	0,69	300	20,7	9000	621
12	0,83	400	27,6	9500	655
14	0,97	500	34,5	10000	690
16	1,10	600	41,4	11000	759
18	1,24	700	48,3	12000	828
20	1,38	800	55,2	13000	897
25	1,72	900	62,1	14000	966
30	2,07	1000	69	15000	1030
35	2,41	1500	103	16000	1100
40	2,76	2000	138	18000	1240
45	3,10	2500	172	20000	1370
50	3,45	3000	207	22000	1510
55	3,79	3500	241	24000	1650
60	4,14	4000	276	26000	1790

BAR to P.S.I.

BAR	PSI	BAR	PSI	BAR	PSI
1	14,5	50	725	360	5220
2	29,0	55	798	370	5365
3	43,5	60	870	380	5510
4	58,0	65	943	390	5655
5	72,5	70	1015	400	5800
6	87,0	75	1088	420	6090
7	102	80	1160	440	6380
8	116	85	1233	460	6670
9	131	90	1305	480	6960
10	145	95	1378	500	7250
12	174	100	1450	520	7540
14	203	120	1740	540	7830
16	232	140	2030	560	8120
18	261	160	2320	580	8410
20	290	180	2610	600	8700
22	319	200	2900	650	9425
24	348	220	3190	700	10150
26	377	240	3480	750	10875
28	406	260	3770	800	11600
30	435	280	4060	850	12325
35	508	300	4350	900	13050
40	580	320	4640	950	13775
45	653	340	4930	1000	14500

NW to millimeter

Description		Internal hose dim.mm
NW	2	3-4
NW	3	4-5
NW	4	5-6
NW	6	7-8
NW	8	9-10
NW	10	11-12
NW	13	14-15
NW	16	17-18
NW	20	21-22

Inch to millimeter

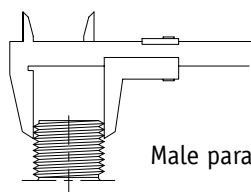
Inch	Inch	mm	Inch	Inch	mm
1/64	0,016	0,397	21/32	0,656	16,669
1/32	0,031	0,794	43/64	0,672	17,066
3/64	0,047	1,191	11/16	0,688	17,463
1/16	0,063	1,588	45/64	0,703	17,859
5/64	0,078	1,984	23/32	0,719	18,256
3/32	0,094	2,381	47/64	0,734	18,653
7/64	0,109	2,778	3/4	0,750	19,050
1/8	0,125	3,175	49/64	0,766	19,447
9/64	0,141	3,572	25/32	0,781	19,844
5/32	0,156	3,969	51/64	0,797	20,241
11/64	0,172	4,366	13/16	0,813	20,638
3/16	0,188	4,763	53/64	0,828	21,034
13/64	0,203	5,159	27/32	0,844	21,431
7/32	0,219	5,556	55/64	0,859	21,828
15/64	0,234	5,953	7/8	0,875	22,225
1/4	0,250	6,350	57/64	0,891	22,622
17/64	0,266	6,747	29/32	0,906	23,019
9/32	0,281	7,144	59/64	0,922	23,416
19/64	0,297	7,541	15/16	0,938	23,813
5/16	0,313	7,938	61/64	0,953	24,209
21/64	0,328	8,334	31/32	0,969	24,606
11/32	0,344	8,731	63/64	0,984	25,003
23/64	0,359	9,128	1	1,000	25,400
3/8	0,375	9,525	1 1/4	1,250	31,750
25/64	0,391	9,922	1 1/2	1,500	38,100
13/32	0,406	10,319	1 3/4	1,750	44,450
27/64	0,422	10,716	2	2,0	50,8
7/16	0,438	11,113	2 1/2	2,5	63,5
29/64	0,453	11,509	3	3,0	76,2
15/32	0,469	11,906	3 1/2	3,5	88,9
31/64	0,484	12,303	4	4,0	101,9
1/2	0,500	12,700	4 1/2	4,5	114,3
33/64	0,516	13,097	5	5,0	127,0
17/32	0,531	13,494	6	6,0	152,4
35/64	0,547	13,891	7	7,0	177,8
9/16	0,563	14,288	8	8,0	203,2
37/64	0,578	14,684	9	9,0	228,6
19/32	0,594	15,081	10	10,0	254,0
39/64	0,609	15,478	11	11,0	279,4
5/8	0,625	15,875			
41/64	0,641	16,272			

Standard port thread for cutting ring fittings

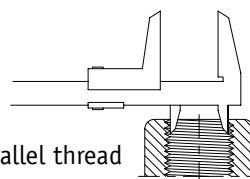
Steel and stainless steel

	Pipe external dia.	Port threads			Nut threads	
		BSP	MM	NPT		
Light series	6	1/8"	M 10x1	1/8"	M 12x1,5	
	8	1/4"	M 12x1,5	1/4"	M 14x1,5	
	10	1/4"	M 14x1,5	1/4"	M 16x1,5	
	12	3/8"	M 16x1,5	3/8"	M 18x1,5	
	15	1/2"	M 18x1,5	1/2"	M 22x1,5	
	18	1/2"	M 22x1,5	1/2"	M 26x1,5	
	22	3/4"	M 26x1,5	3/4"	M 30x2	
	28	1"	M 33x2	1"	M 36x2	
	35	1 1/4"	M 42x2	1 1/4"	M 45x2	
	42	1 1/2"	M 48x2	1 1/2"	M 52x2	
	Heavy series	6	1/4"	M 12x1,5	1/4"	M 14x1,5
		8	1/4"	M 14x1,5	1/4"	M 16x1,5
		10	3/8"	M 16x1,5	3/8"	M 18x1,5
		12	3/8"	M 18x1,5	3/8"	M 20x1,5
14		1/2"	M 20x1,5	1/2"	M 22x1,5	
16		1/2"	M 22x1,5	1/2"	M 24x1,5	
20		3/4"	M 27x2	3/4"	M 30x2	
25		1"	M 33x2	1"	M 36x2	
30		1 1/4"	M 42x2	1 1/4"	M 45x2	
38		1 1/2"	M 48x2	1 1/2"	M 52x2	

Thread table



Male parallel thread



Female parallel thread

External diameter mm	BSP / BSPT	Metric	Unified	NPTF / NPSM	Internal diameter mm
6,9 – 7,3				1/16" – 27	6,7 – 7,1
7,5 – 7,7	1/16" – 28				6,6 – 6,8
9,2 – 9,7				1/8" – 27	9,1 – 9,5
9,5 – 9,7	1/8" – 28				8,6 – 8,8
9,7 – 9,9		M10 x 1,5			8,2 – 8,6
10,9 – 11,1			7/16" – 20 UNF		9,7 – 10,0
12,1 – 12,8				1/4" – 18	11,9 – 12,5
12,5 – 12,7			1/2" – 20 UNF		11,3 – 11,6
12,9 – 13,2	1/4" – 19				11,4 – 11,9
13,6 – 13,9		M14 x 1,5			12,2 – 12,6
14,0 – 14,3			9/16" – 18 UNF		12,8 – 13,1
15,5 – 16,2				3/8" – 18	15,3 – 15,9
15,6 – 15,9		M16 x 1,5			14,2 – 14,6
16,4 – 16,7	3/8" – 19				15,0 – 15,4
17,2 – 17,4			11/16" – 16 UN		15,7 – 16,1
17,6 – 17,9		M18 x 1,5			16,2 – 16,6
18,8 – 19,0			3/4" – 16 UNF		17,3 – 17,7
19,3 – 20,1				1/2" – 14	18,9 – 18,6
20,4 – 20,6			13/16" – 16 UN		18,9 – 19,3
20,7 – 21,0	1/2" – 14				18,6 – 19,2
21,6 – 21,9		M22 x 1,5			20,2 – 20,6
21,9 – 22,2			7/8" – 14 UNF		20,3 – 20,7
22,6 – 22,9	5/8" – 14				20,6 – 21,1
23,6 – 23,9		M24 x 1,5			22,2 – 22,6
24,6 – 25,4				3/4" – 14	24,2 – 25,1
25,1 – 25,4			1" – 14 UNS		23,4 – 23,8
25,6 – 25,9		M26 x 1,5			24,2 – 24,6
26,2 – 26,4	3/4" – 14				24,1 – 24,7
26,7 – 26,9			1 1/16" – 12 UN		24,7 – 25,1
29,6 – 29,9		M30 x 2			27,4 – 27,8
29,8 – 30,1			1 3/16" – 12 UN		27,9 – 28,3
29,6 – 29,9		M30 x 1,5			28,2 – 28,6
29,9 – 30,2	7/8" – 14				27,9 – 28,4
30,8 – 31,9				1" – 11 1/2"	30,4 – 31,5
31,6 – 31,9		M32 x 2			29,4 – 29,9
32,9 – 33,2	1" – 11				30,3 – 30,9
33,0 – 33,3			1 5/16" – 12 UN		31,0 – 31,5
35,6 – 35,9		M36 x 2			33,4 – 33,8
36,2 – 36,5			1 7/16" – 12 UN		34,2 – 34,7
37,5 – 37,9	1 1/8" – 11				34,9 – 35,6
37,6 – 37,9		M38 x 1,5			36,2 – 36,6
39,6 – 40,7				1 1/4" – 11 1/2"	39,1 – 40,2
40,9 – 41,2			1 5/8" – 12 UN		39,0 – 39,4
41,6 – 41,9		M42 x 2			39,4 – 39,8
41,6 – 41,9	1 1/4" – 11				39,0 – 39,6
42,5 – 42,8				1 11/16" – 12 UN	40,6 – 41,0
44,6 – 44,9		M45 x 2			42,4 – 42,8
44,6 – 44,9		M45 x 1,5			43,2 – 43,6
45,6 – 46,8				1 1/2" – 11 1/2"	45,2 – 46,3
47,3 – 47,6			1 7/8" – 16 UN		45,9 – 46,3
47,4 – 47,8	1 1/2" – 11				44,8 – 45,5
50,5 – 50,8			2" – 12 UN		48,5 – 49,0
51,6 – 51,9		M52 x 2			49,4 – 49,6
51,6 – 51,9		M52 x 1,5			50,2 – 50,6
53,4 – 53,7	1 3/4" – 11				50,8 – 51,4
57,6 – 58,8				2" – 11 1/2"	57,2 – 58,3
59,3 – 59,6	2" – 11				56,7 – 57,3
63,1 – 63,4			2 1/2" – 12 UN		61,1 – 61,4
65,3 – 65,7	2 1/4" – 11				62,8 – 63,4
69,1 – 70,9				2 1/2" – 8	68,5 – 70,2
74,8 – 75,2	2 1/2" – 11				72,2 – 72,9
81,1 – 81,5	2 3/4" – 11				78,6 – 79,2
84,9 – 86,8				3" – 8	84,3 – 86,1
87,5 – 87,9	3" – 11				84,9 – 85,6
99,9 – 100,3	3 1/2" – 11				97,4 – 98,0
112,6 – 113,0	4" – 11				110,1 – 110,7

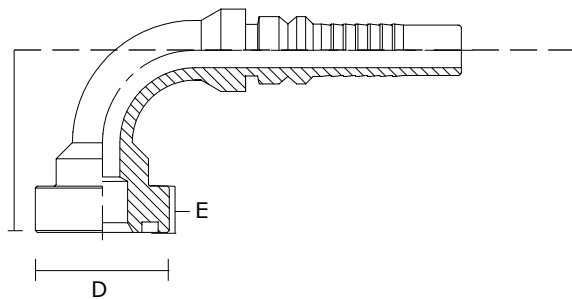
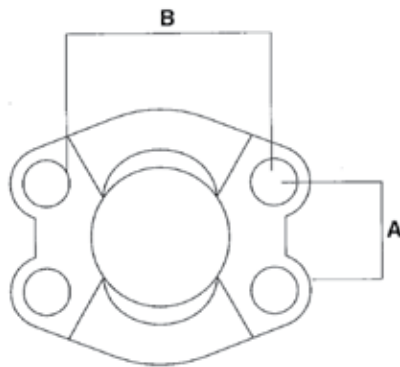


SAE flange dimensions

CODE 61 (3000)								
Max.(MPa) WP	Size	Dimension	A mm	B mm	Bolt dim. metric	Bolt dim. UNC.	D mm	E mm
34.5	8	1/2"	17.38	38.1	M 8	5/16"	30.18	6.73
34.5	12	3/4"	22.23	47.63	M10	3/8"	38.10	6.73
34.5	16	1"	26.19	52.37	M10	3/8"	44.45	8.00
27.6	20	1 1/4"	30.18	58.72	M10	7/16"	50.80	8.00
20.7	24	1 1/2"	35.71	69.85	M12	1/2"	60.33	8.00
20.7	32	2"	42.88	77.77	M12	1/2"	71.42	9.53
17.2	40	2 1/2"	50.80	88.90	M12	1/2"	84.12	9.53
13.8	48	3"	61.93	106.38	M16	1/2"	101.60	9.53
3.4	56	3 1/2"	69.85	120.65	M16	5/8"	114.30	11.23
3.4	64	4"	77.77	130.18	M16	5/8"	127.00	11.23
3.4	80	5"	92.08	152.40	M16	5/8"	152.40	11.23

CODE 62 (6000)								
Max. (MPa) WP	Size	Dimension	A mm	B mm	Bolt dim. metric	Bolt dim. UNC.	D mm	E mm
41.4	8	1/2"	18.24	40.49	M8	5/16"	31.75	7.75
41.4	12	3/4"	23.8	50.8	M10	3/8"	41.28	8.76
41.4	16	1"	27.76	57.15	M12	7/16"	47.63	9.53
41.4	20	1 1/4"	31.75	66.68	M14	1/2"	53.98	10.29
41.4	24	1 1/2"	36.5	79.38	M16	5/8"	63.5	12.57
41.4	32	2"	44.45	96.82	M20	3/4"	79.38	12.57

The table above refers to SAE standard SAE J518c.



TECNICAL INFORMATION ACCORDING TO SAE J518 CODE 61								
Flange	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
WP MPa	34,5	34,5	34,5	27,6	20,7	20,7	17,2	13,8
PSI	5000	5000	5000	4000	3000	3000	2500	2000
DIA	30,2	38,1	44,5	50,8	60,3	71,4	84,1	101,6

TECNICAL INFORMATION ACCORDING TO SAE J518 CODE 62								
Flange	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"		
WP MPa	41,4	41,4	41,4	41,4	41,4	41,4		
PSI	6000	6000	6000	6000	6000	6000		
DIA	31,8	41,3	47,6	53,9	63,5	79,4		

TECNICAL INFORMATION SUPERCAT						
Flange	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
WP MPa	41,4	41,4	41,4	41,4	41,4	41,4
DIA	31,8	41,3	47,6	53,9	63,5	79,4

TECNICAL INFORMATION KOMATSU						
Flange	5/8"					
WP MPa	34,5					
DIA	34,2					

Miscellaneous

Recommended tightening torque (Nm) for hose fittings

DKLO			DKSO		
Pipe dim.	Thread	Nm	Pipe dim.	Thread	Nm
6L	M12 x 1.5	23	6S	M14 x 1.5	26
8L	M14 x 1.5	26	8S	M16 x 1.5	30
10L	M16 x 1.5	30	10S	M18 x 1.5	41
12L	M18 x 1.5	41	12S	M20 x 1.5	53
15L	M22 x 1.5	76	14S	M22 x 1.5	76
18L	M26 x 1.5	106	16S	M24 x 1.5	88
22L	M30 x 2.0	116	20S	M30 x 2.0	116
28L	M36 x 2.0	133	25S	M36 x 2.0	133
35L	M45 x 2.0	173	30S	M42 x 2.0	151
42L	M52 x 2.0	202	38S	M52 x 2.0	202

ORFS				JIC			BSP 60°	
Thread	Tightening Nm	FFWR new	FFWR re-assembly	Hose dim.	Thread	FFWR	Thread	Tightening Nm
9/16" - 18	25	1/2-3/4	1/4-1/2	3/16	7/16"-20 UNF	2	1/8"	20
11/16" - 16	35	1/2-3/4	1/4-1/2		1/2"-20 UNF	2	1/4"	25
13/16 - 16	55	1/2-3/4	1/4-1/2	1/4	9/16"-18 UNF	2	3/8"	40
1" - 14	80	1/2-3/4	1/4-1/2	3/8	3/4"-16 UNF	2	1/2"	60
1 3/16" - 12	120	1/3-1/2	1/4-1/2	1/2	7/8"-14 UNF	1 1/2	5/8"	70
1 7/16" - 12	150	1/3-1/2	1/4-1/2	3/4	1.1/16"-12 UN	1	3/4"	115
1 11/16" - 12	180	1/3-1/2	1/4-1/2	1	1.5/16"-12 UN	1	1"	140
2" - 12	220	1/3-1/2	1/4-1/2	1 1/4	1.5/8"-12 UN	1	1 1/4"	200
2 1/2" - 12	490	1/3-1/2	1/4-1/2	1 1/2	1.7/8"-12 UN	1	1 1/2"	270
				2	2.1/2"-12 UN	1	2	350

FFWR Flats From Wrench Resistance

Transformation tables

Pressure

BAR	MPa	Kp / cm ²	PSI	Kpa
1	0.1	1.020	14.503	100
10	1	10.20	145.03	1000
0.9810	0.0981	1	14.233	10
0.0690	0.0069	0.0700	1	6.9
0.01	0.001	0.0102	0.145	1

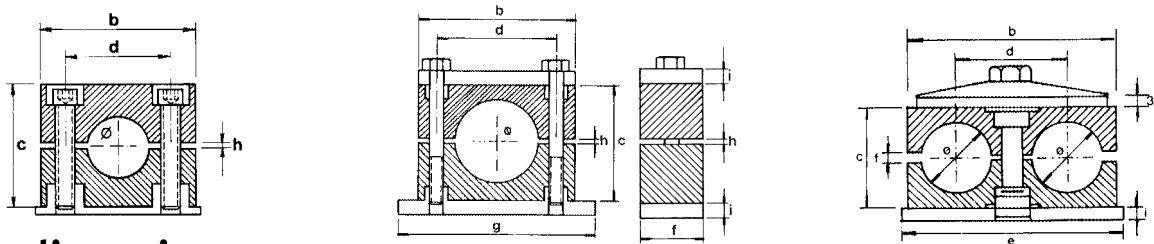
mm	Inch	Foot
1	0.0394	0.0033
25.4	1	0.083
304.8	12	1

Vacuum

ATM	PSI	Water meter	Quicksilver mm	%
0.1	1.4	1	73.6	10
0.2	2.8	2	147.1	20
0.3	4.2	3	220.7	30
0.4	5.7	4	249.2	40
0.5	7.1	5	267.8	50
0.6	8.5	6	441.3	60
0.7	10.0	7	514.9	70
0.8	11.4	8	588.4	80
0.9	12.8	9	662.0	90
1.0	14.2	10	735.5	100

Table for pipes

Inch		Instrument pipe	
Inch	mm	Tum	mm
1/8"	10,00	1/4"	6,35
1/4"	13,25	5/16"	7,89
3/8"	16,75	3/8"	9,52
1/2"	21,25	1/2"	12,70
3/4"	26,75	5/8"	15,87
1"	33,50	3/4"	19,05
1 1/4"	42,25	7/8"	22,22
1 1/2"	48,25	1"	25,40
1 3/4"	53,74	1 1/4"	31,75
2"	60,00	1 1/2"	38,10
2 1/4"	66,00	1 3/4"	44,45
2 1/2"	75,50	2"	50,80
3"	88,25	2 1/4"	57,20
3 1/2"	101,00	2 1/2"	63,50
4"	113,50	2 3/4"	70,0
4 1/2"	126,50	3"	76,20
5"	139,00	3 1/2"	88,90
6"	168,00	4"	101,60
8"	219,00	4 1/2"	114,30
		5"	127,00
		5 1/4"	133,00
		6"	152,00
		8"	203,00

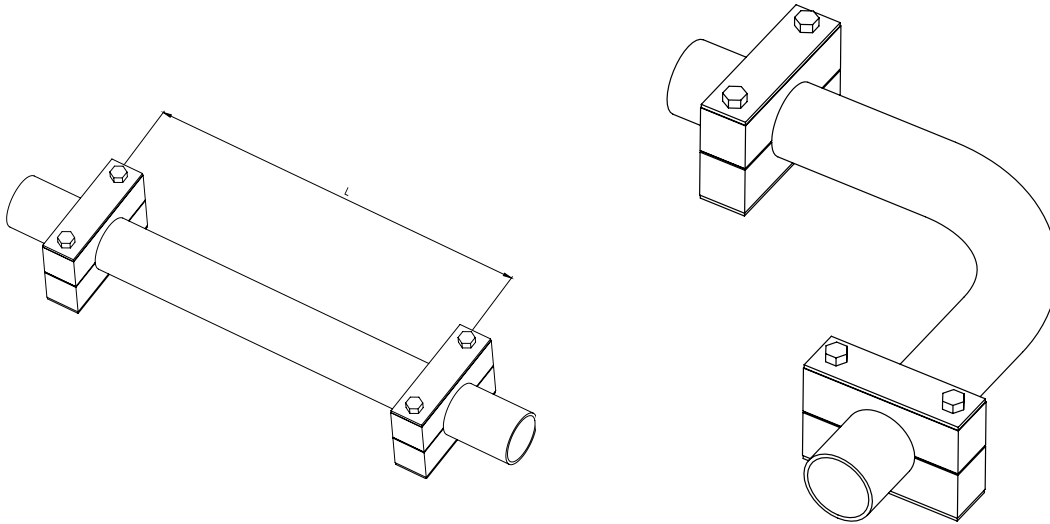


Clamp dimensions All dimensions are in mm

Standard series						Heavy series								Double clamps								
Type	ø	b	c	d	h	Type	ø	b	c	d	f	g	h	i	Type	ø	b	c	d	e	f	
C2	6-12	28,0	28	-	0,6	CP1	12-20	58	33	33,0	30	70	1,0	8	CF1	6-12	36	27	20	37	0,6	4
C3	14-18	37,0	28	20	0,6	CP2	22-30	72	49	45,0	30	87	1,0	8	CF2	14-18	54	26	29	55	0,8	4
C4	20-25	50,0	36	33	0,8	CP3	30-45	87	60	60,0	30	105	1,2	8	CF3	20-25	67	37	36	70	1,0	4
C5	28-32	57,0	44	40	1,0	CP4	38-70	120	88	90,5	45	155	2,0	10	CF4	28-30	81	42	45	85	1,0	4
C6	35-42	69,5	57	52	1,0	CP5	73-90	155	118	122	60	200	3,0	10	CF5	35-42	106	53	56	110	1,2	4
						CP6	100-121	205	165	168	80	225	3,0	15								
						CP7	133-168	245	200	205	80	270	4,0	15								
						CP8	168-219	320	270	265	120	340	4,0	25								
						CP9	219-324	470	410	395	160	520	10	30								



Recommended distance between pipe clamps

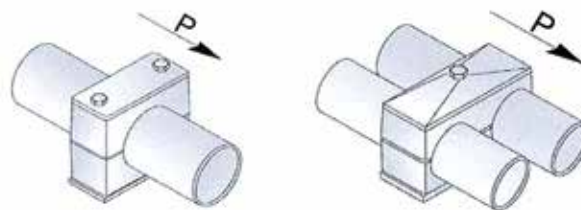


The clamp is assembled close to a pipe bend.

	CLAMP TYPE	PIPE DIMENSION [mm]	DISTANCE L [m]
Standard series Double clamps	Group 1	6 - 13,25	0,9
	Group 2	6 - 13,25	1,0
	Group 3	14 - 18	1,2
	Group 4	20 - 25,4	1,5
	Group 5	28 - 32	1,5
	Group 6	32 - 45	2,2
	Group 7	45 - 54	2,7
	Group 8	57,2 - 76,1	3,2
	Group 9	88,9 - 102	4,0
Heavy series	Group 1	6 - 20	1,0
	Group 2	20 - 30	1,5
	Group 3	30 - 45	2,2
	Group 4	38 - 50	2,2
	Group 4	53 - 70	3,0
	Group 5	65 - 73	3,0
	Group 5	80 - 90	3,5
	Group 6	100 - 121	4,5
	Group 7	133 - 168	5,0
Group 8	168 - 219	6,0	
Group 9	166 - 220	6,7	

Tightening torque and maximum load in pipe direction

All tightening torque and load in pipe direction regards pipe clamps that are tested with steel pipes ST 35.4 with cover type "PS" and hexagon bolt UNI 5737. Sliding starts when the value "P" is reached.



PIPE CLAMPS STANDARD SERIES							
		POLYPROPYLENE		SELF-EXTINGGUISHING POLYAMIDE		ALUMINIUM	
Type	Bolt	Tightening torque (Nm)	Max. load directly on the pipe. P (kN)	Tightening torque (Nm)	Max. load directly on the pipe. P (kN)	Tightening torque (Nm)	Max. load directly on the pipe. P (kN)
C1	M6	8	0,7	10	0,7	12	3,6
C2		8	1,2	10	0,9	12	4,3
C3		8	1,5	10	1	12	4,4
C4		8	1,7	10	1,8	12	4,8
C5		8	1,8	10	1,9	12	5,2
C6		8	2	10	2,1	12	7,5
C7		8	2,2	10	2,8	12	9
C8		8	2,3	10	2,5		
C9		8	2,4	10	2,5		

PIPE CLAMPS HEAVY SERIES							
		POLYPROPYLENE		SELF-EXTINGGUISHING POLYAMIDE		ALUMINIUM	
Type	Bolt	Tightening torque (Nm)	Max. load directly on the pipe. P (kN)	Tightening torque (Nm)	Max. load directly on the pipe. P (kN)	Tightening torque (Nm)	Max. load directly on the pipe. P (kN)
CP1	M10	13	1,8	21	4,5	32	13
CP2		13	3	21	4,7	32	16
CP3		15	3,5	25	5,2	37	16,5
CP4	M12	30	8,5	40	9,5	55	30,5
CP5	M16	46	11,5	56	27	125	36,4
CP6	M20	80	15	155	25	225	71,7
CP7		100	30	185	34	235	62,5
CP8	M30	190	41	360	50	500	86,7
CP9		210	125	380	130	500	190,5

PIPE CLAMPS HEAVY SERIES					
		POLYPROPYLENE		SELF-EXTINGGUISHING POLYAMIDE	
Type	Bolt	Tightening torque (Nm)	Max. load directly on the pipe. P (kN)	Tightening torque (Nm)	Max. load directly on the pipe. P (kN)
CF1	M6	6	1,1	6	1,1
CF2	M8	13	2,5	13	2,5
CF3		13	2,1	13	2,1
CF4		13	2,9	13	3,1
CF5		9	2,2	9	2,7

PIPE CLAMP				
MECHANICAL PROPERTIES	TEST METHOD	Copolymer Polypropylene "PP". High resistance and limit of stretching strain 3060MN5	Polyamide "PA" Fiber glass reinforced and self-extinguishing AG5 FR PH2 0160 Black	ALUMINIUM ALLIGATION EN AB-ALSi11Cu2(Fe)
Bending strength	DIN 53452	43 N/mm ²	230 N/mm ²	70 N/mm ²
Impact strength	DIN 53453	11 KJ/m ²	40 KJ/m ²	-
Compression (pressure) strength	ASTM D 695	12000 N/mm ²	160 N/mm ²	HB 500 fino a 600 N/mm ²
Module strength	DIN 53452	1400 N/mm ²	9000 N/mm ²	68000 fino a 78000 N/mm ²
Limit of stretching strain	DIN 53455	35 N/mm ²	160 N/mm ²	170 fino a 220 N/mm ²

PIPE CLAMP				
THERMAL PROPERTIES	TEST METHOD	Copolymer Polypropylene "PP". High resistance and limit of stretching strain 3060MN5	Polyamide "PA" Fiber glass reinforced and self-extinguishing AG5 FR PH2 0160 Black	ALUMINIUM ALLIGATION EN AB-ALSi11Cu2(Fe)
Flammability	UL 94	HB	V0	
Rekomended min/max temperature		-30° +90°C	-40° + 120°C	Up to +400°C

PIPE CLAMP				
ELECTRICAL PROPERTIES	TEST METHOD	Copolymer Polypropylene "PP". High resistance and limit of stretching strain 3060MN5	Polyamide "PA" Fiber glass reinforced and self-extinguishing AG5 FR PH2 0160 Black	ALUMINIUM ALLIGATION EN AB-ALSi11Cu2(Fe)
Resistance	DIN 53482	10 ¹⁸ Ohm x cm	10 ¹⁵ Ohm x cm	

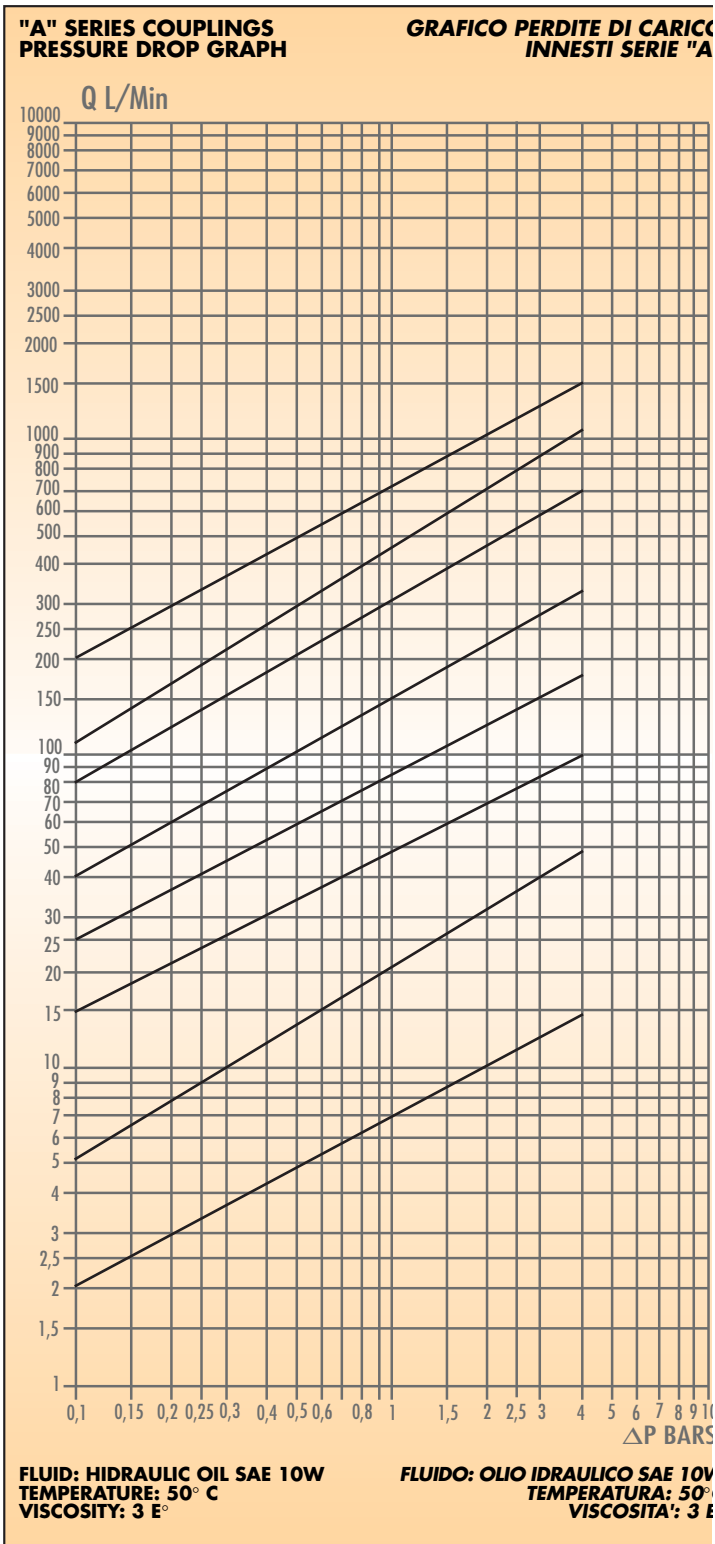
PIPE CLAMP				
CHEMICAL PROPERTIES	TEST METHOD	Copolymer Polypropylene "PP". High resistance and limit of stretching strain 3060MN5	Polyamide "PA" Fiber glass reinforced and self-extinguishing AG5 FR PH2 0160 Black	ALUMINIUM ALLIGATION EN AB-ALSi11Cu2(Fe)
Low acid - alkaline solution		Limited resistance	Good resistance	
Gasoline - mineral oils		Good resistance	Good resistance	
Alcohol - other oils - sea water		Good resistance	Good resistance	

METAL PARTS			
MATERIAL TYPE	STANDARD	LIMIT OF STRETCHING STRAIN Rm N/mm ²	HARDNESS
Aluminium alligation EN AB-AISI11Cu2(Fe)	EN AB - 46100	265-295	80 HBS
Steel Fe 360 (S235JR)	UNI EN - 10025	360-510	
Steel Fe 430B	UNI EN - 10025	330	
Steel Fe P11	UNI EN 10111	360-390	70 HRB
Steel AVP (11 SMn Pb 37)	UNI EN 10227-3	380-700	179 HB
Stainless steel AISI 316 L (X2CrNiMo17-12-2)	UNI EN 10088-2	530-680	
Zamak	UNI EN 3718		

USED MATERIALS		
PRODUCT	MATERIAL	ARTICLE TYPE
Clamps	Copolymer Polypropylene "PP". High resistance and limit of stretching strain	
	Polyamid "PA" Fiberglass reinforced and self-extinguishing	Standard series - "CF"-series - "S"-series and heavy series
	Aluminium alligation EN AB-AISI11Cu2(Fe)	Standard series - Heavy series
	Steel FE 430 B	Super heavy series
Bushings and o-rings	Rubber compounds NBR 70	Art. AG - BG
Plates and accessories	Stainless steel AISI 316L	Specified products
	Steel Fe 360	Art. BB
	Steel Fe 430B	Art. P CP -PS CP - CDPS CP - CDP CP - PB CP - PA - PAM - CL - CM - CP - CQ/L/M/P
	Steel Fe P11	Art. P - PL - PS - PB - PD - PM - PM..1P - PM..2P - PCF - PSCF - PBCF - PMCF - PP - PPM - BBP
	Steel AVP	Art. VA - B - DF P
Zamak	Art. DF M06 - DF M08	
Surface treatment	All metal parts are electrolytically zink plated. Fe ZN 8 c (white) Fe ZN 8 c 2C (yellow) Only rail "BB" are plated according to "SENDIZIMIR" method.	

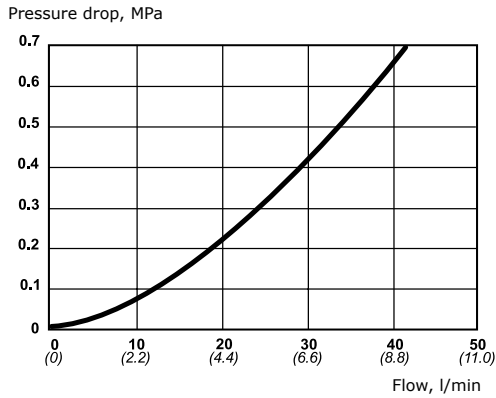


Pressure drop graph quick release fittings QRA

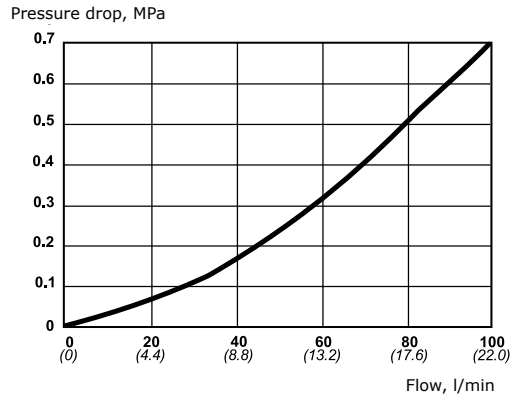


Pressure drop graph quick release fittings QRT

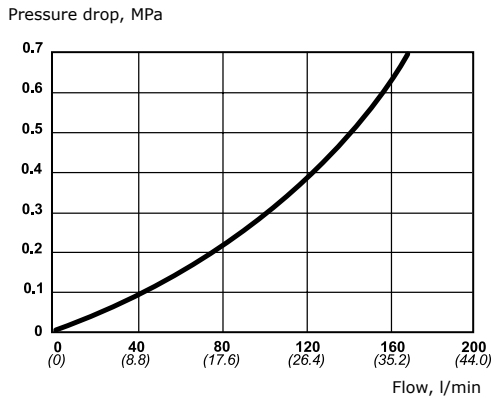
1/4"



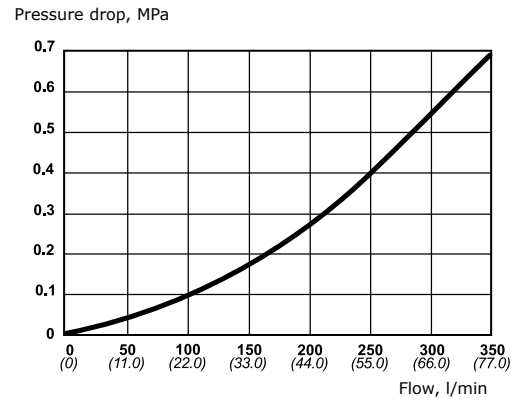
3/8"



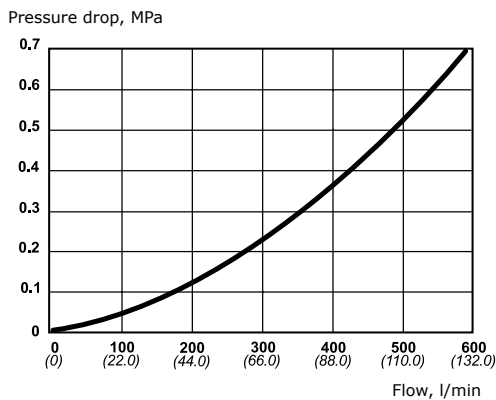
1/2"



3/4"



1"

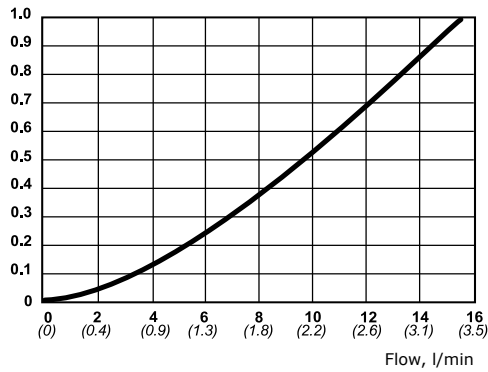


The flow capacity is measured at 0,4 MPa (4 bar) pressure drop

Pressure drop graph quick release fittings QRF

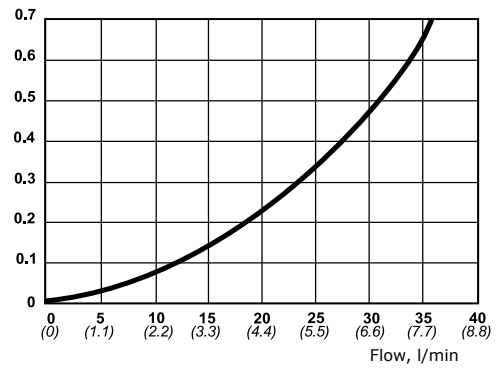
DN 05

Pressure drop, MPa



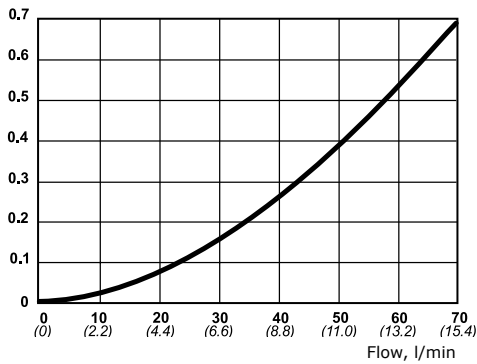
DN 06

Pressure drop, MPa



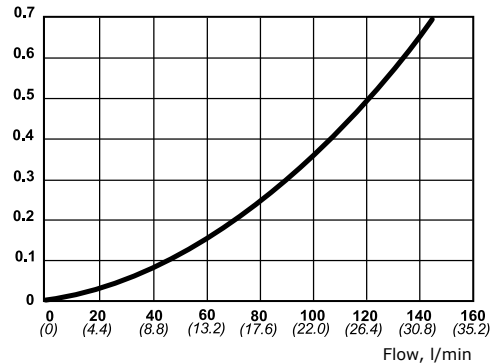
DN 10

Pressure drop, MPa



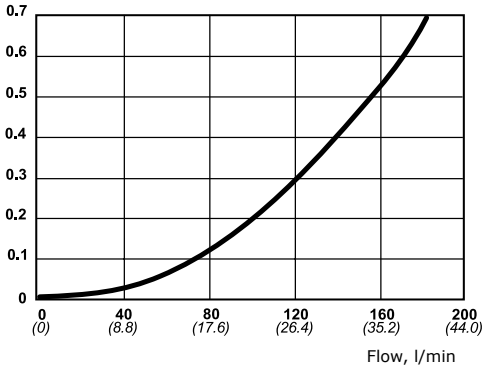
DN 12

Pressure drop, MPa



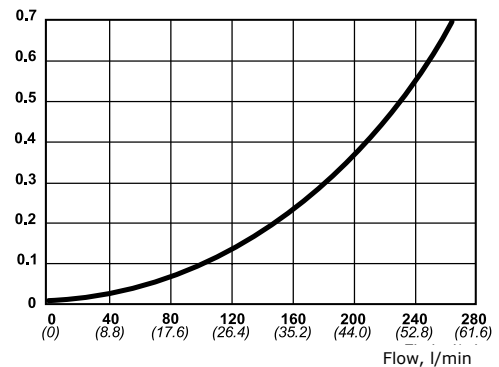
DN 16

Pressure drop, MPa



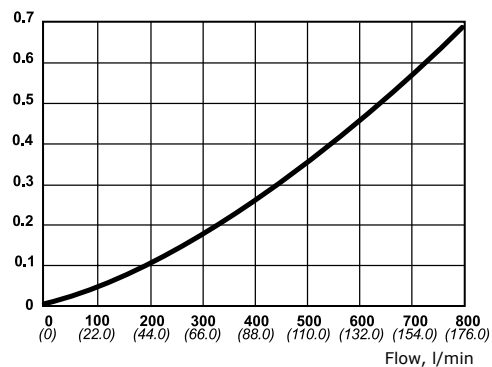
DN 19

Pressure drop, MPa



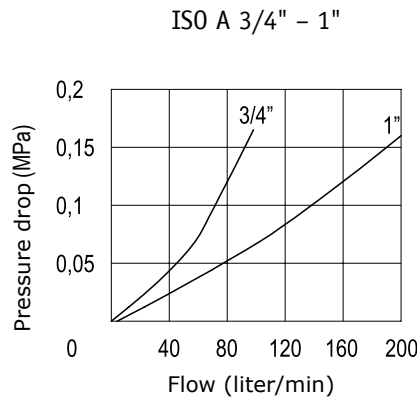
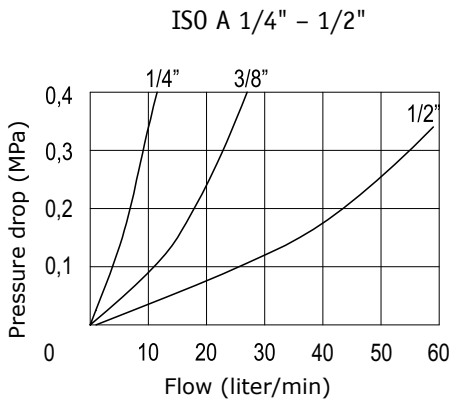
DN 25

Pressure drop, MPa



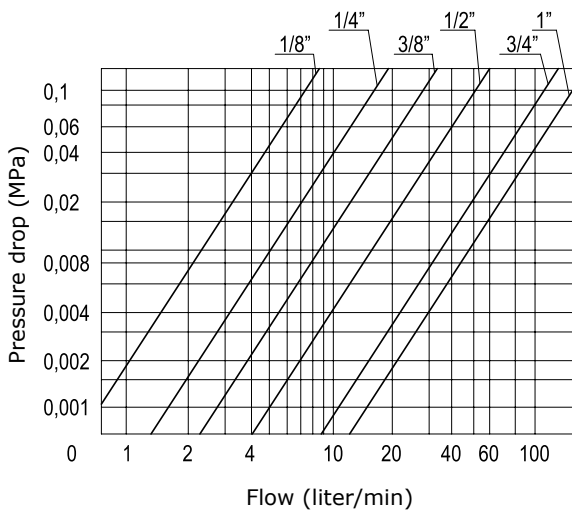
The flow capacity is measured at 0,1 MPa (1 bar) pressure drop

Pressure drop graph quick release fittings

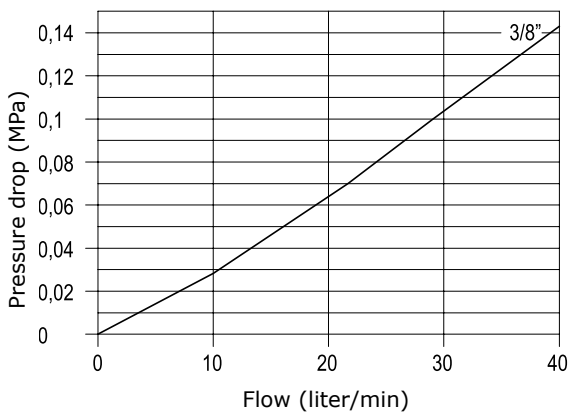


Mineral oil
Viscosity: 80 Centistokes

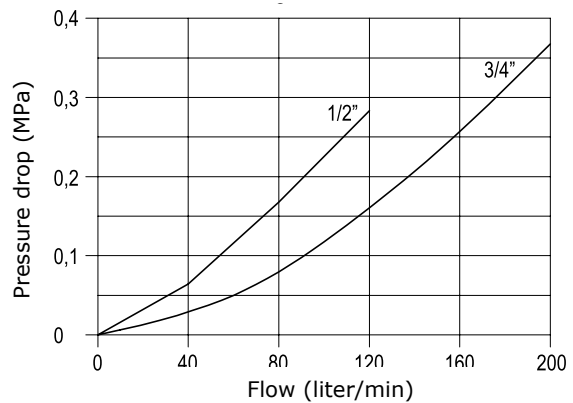
HANSEN Design HK



Brunning FF 370



Brunning FF 500 & 750



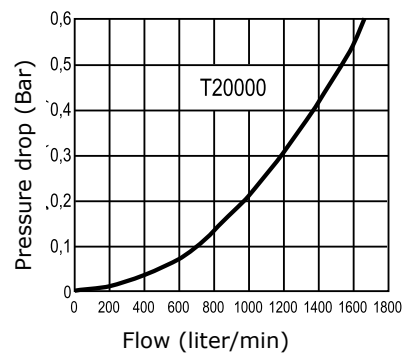
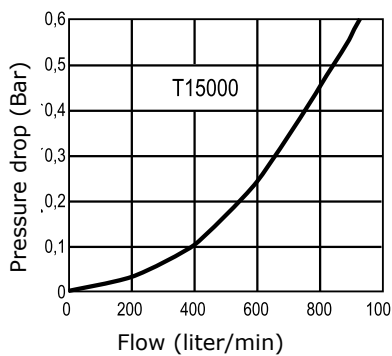
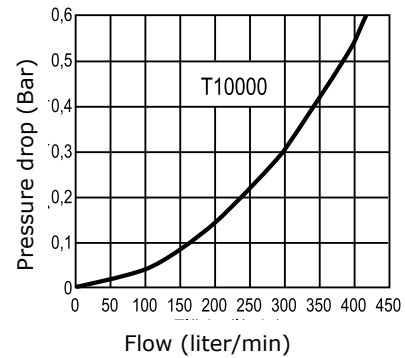
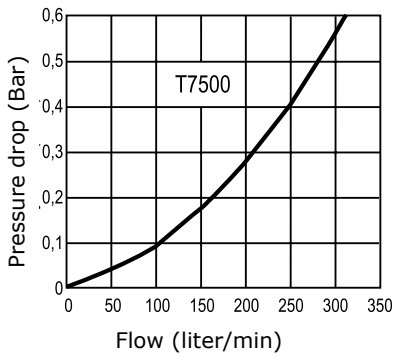
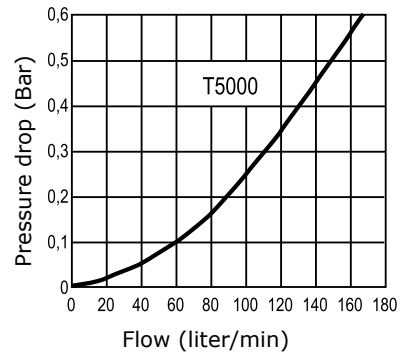
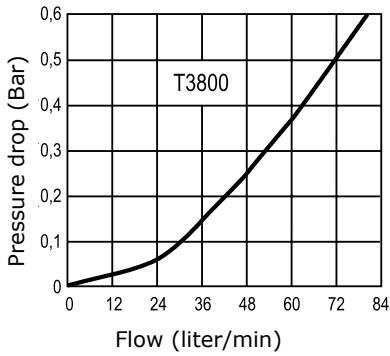
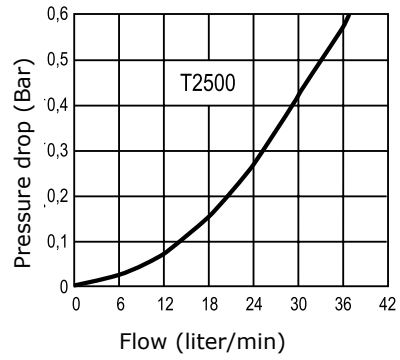
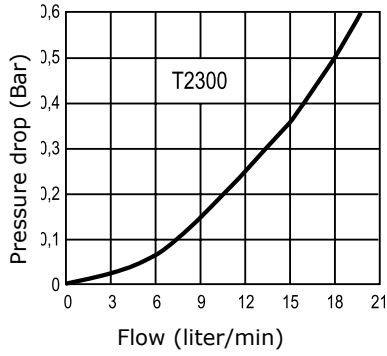
Mineral oil
According to MIL-H 5606
Temperature: 38°C

Pressure drop graph quick release fittings

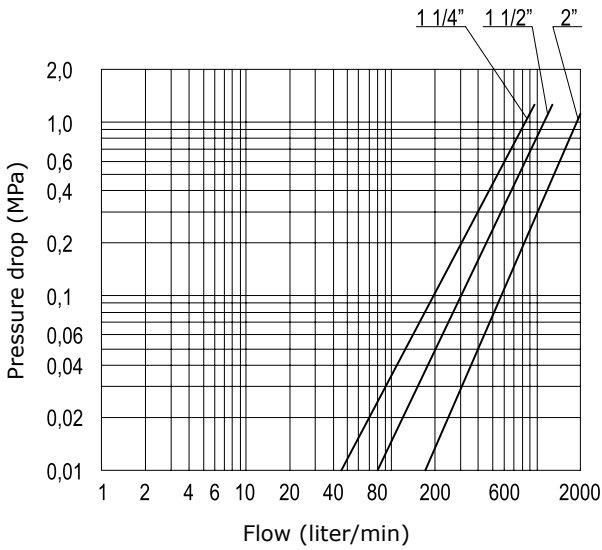
TEMA T-serie

Viscosity 32cSt at 40°C

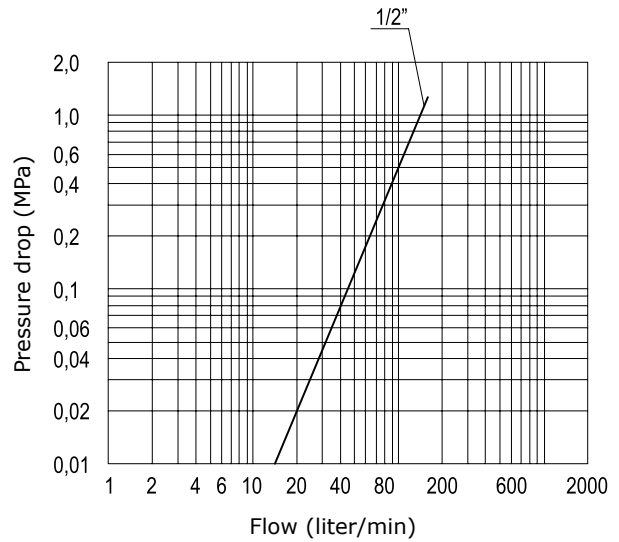
According to ISO 7241-2:2000



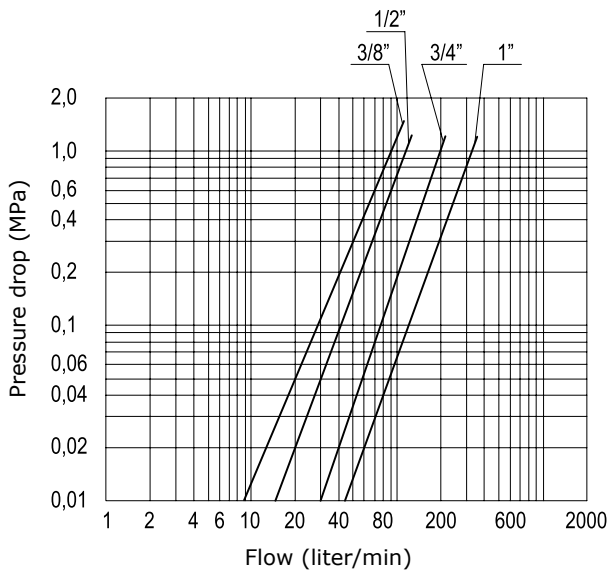
Pressure drop graph quick release fittings



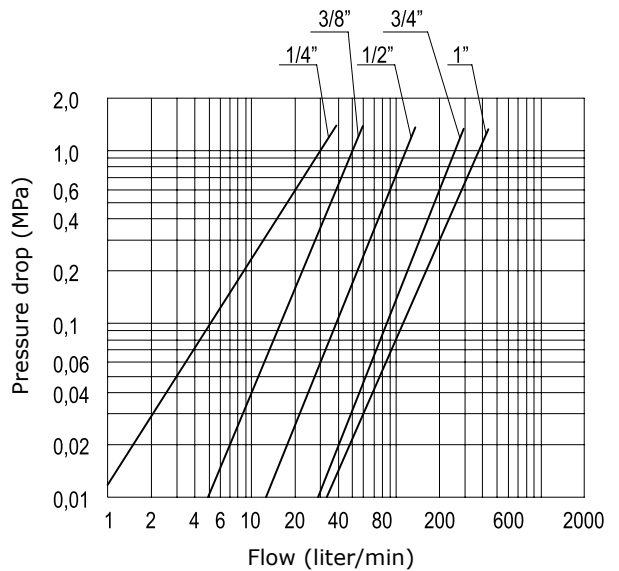
FASTER – NV
 Mineral oil
 Viscosity: 20 Centistokes
 Temperature: 50°C



FASTER – PV
 Mineral oil
 Viscosity: 20 Centistokes
 Temperature: 50°C



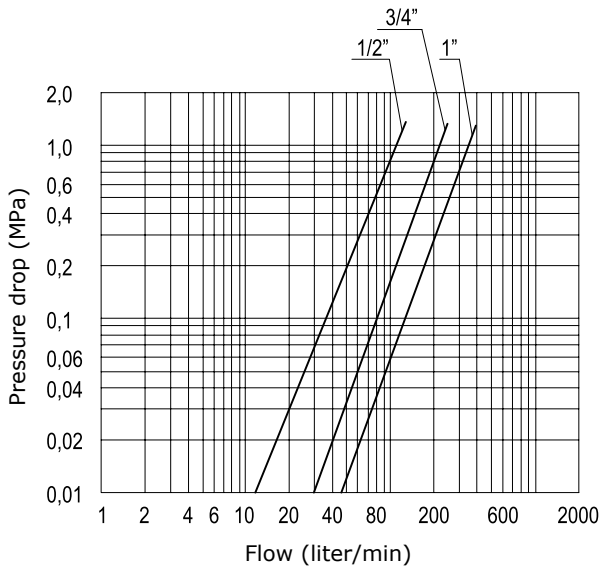
FASTER – FFN
 Mineral oil
 Viscosity: 20 Centistokes
 Temperature: 50°C



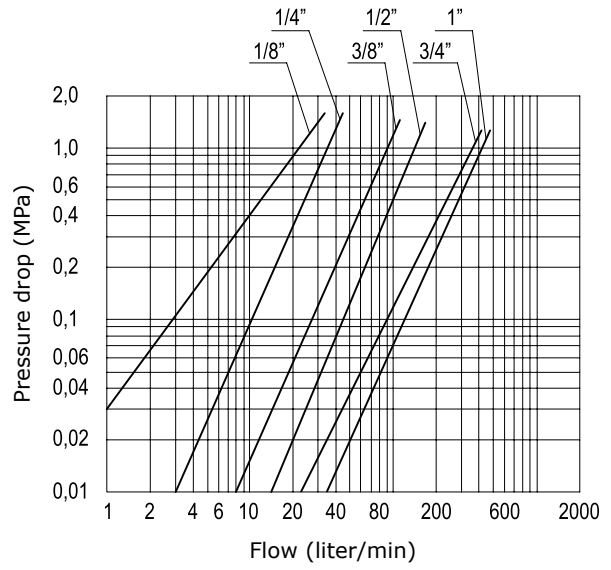
FASTER – VV
 Mineral oil
 Viscosity: 20 Centistokes
 Temperature: 50°C



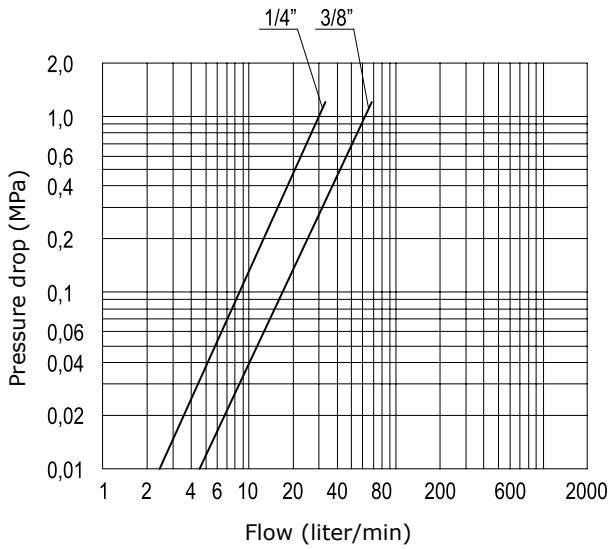
Pressure drop graph quick release fittings



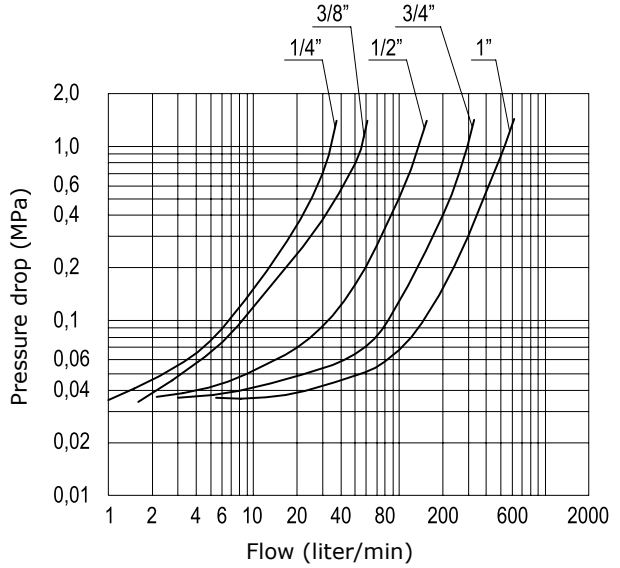
FASTER – FFV
 Mineral oil
 Viscosity: 20 Centistokes
 Temperature: 50°C



FASTER – HNV
 Mineral oil
 Viscosity: 20 Centistokes
 Temperature: 50°C

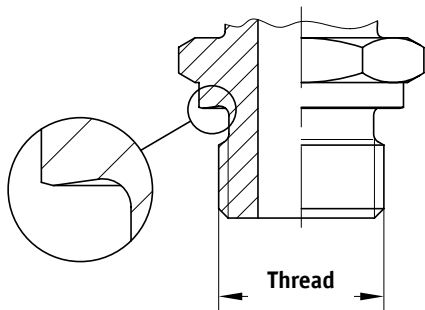


FASTER – PVVM
 Mineral oil
 Viscosity: 20 Centistokes
 Temperature: 50°C

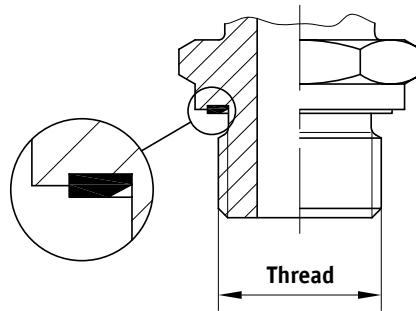


FASTER – Non-return valve
 Mineral oil
 Viscosity: 20 Centistokes
 Temperature: 50°C

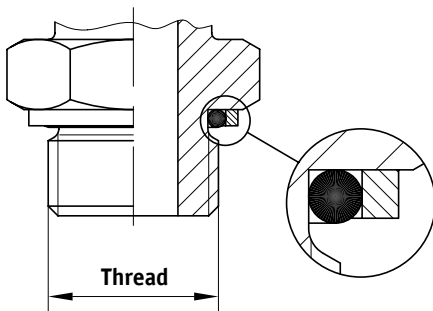
SEALING PRINCIPLES



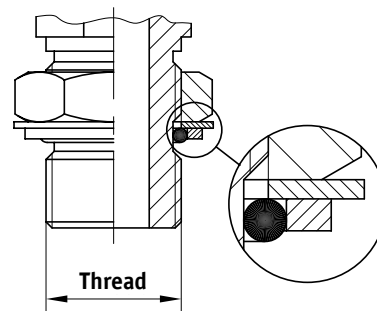
**DIN 3852-2
DESIGN B
ISO 1179-4**



**DIN 3852-11
DESIGN E
ISO 1179-2**



**ISO 1179-3
DESIGN H**



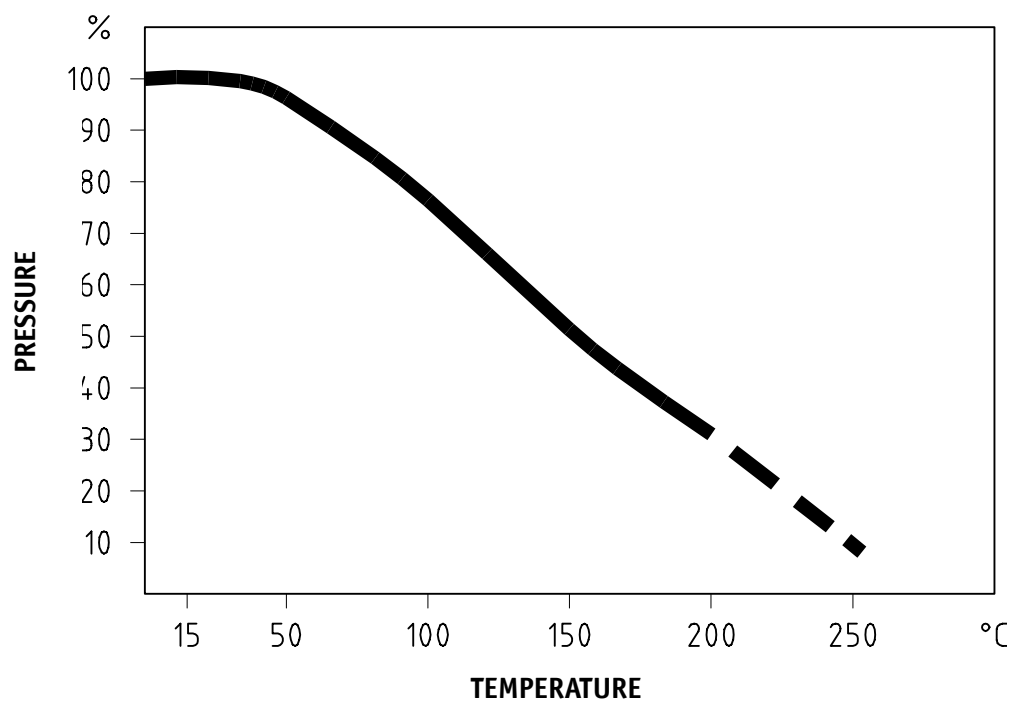
**ISO 1179-4
DESIGN G**

Tightening torque for connection end

Can not be applied on banjo fittings or conical threaded fittings.

BSP Thread	Torque (Nm) design B	Torque (Nm) design E,H,G	Metric Thread	Torque (Nm) design B	Torque (Nm) design E,H,G	UN/UNF Thread	Torque (Nm)
G 1/8"	20		M 10x1.0	20			
G 1/8"	20	20	M 10x1.0	20	20	7/16"-20 UNF	20
G 1/4"	45	45	M 12x1.5	30	30	1/2"-20 UNF	25
			M 14x1.5	45	45		
G 3/8"	70	70	M 16x1.5	60	55	9/16"-18 UNF	30
G 1/2"	130	85	M 18x1.5	80	70	3/4"-16 UNF	45
G 1/2"	130	85	M 22x1.5	130	120		
G 3/4"	170	170	M 26x1.5	180	170	1 1/16"-12 UN	85
G 1"	330	330				1 5/16"-12 UN	130
G 1 1/4"	510	430	M 42x2.0	470	430	1 5/16"-12 UN	170
G 1 1/2"	600	510	M 48x2.0	600	510	1 7/8"-12 UN	180
			M 14x1.5	55	55		
			M 20x1.5	150	105		
						7/8"-14 UNF	55
			M 27x2.0	200	170		
			M 33x2.0	390	330		

Temperature effect on working pressure of the P.T.F.E. hose



Flow diameter

DETERMINING PIPE DIMENSION FOR HYDRAULIC SYSTEMS

For a smooth and trouble-free piping system, it is important to use the correct pipe dimension, type, material and connection type for the application. Choosing the correct pipe involves choosing the right quality and determine the optimal dimension (O.D. and wall thickness).

A pipe dimension that is too small causes high fluid velocity, which has many detrimental effects. In pressure lines, it causes high friction losses and turbulence, both resulting in high pressure drops and heat generation. High temperatures causes damage and wear in moving parts and rapid aging of seals and hoses.

DETERMINING RECOMMENDED FLOW DIAMETER

Use the table to determine recommended flow diameter for the required flow rate. The table is based on the following flow rates:

Pressure lines - 3 --> 5 $\left[\frac{m}{s} \right]$

Return lines - 2 --> 4 $\left[\frac{m}{s} \right]$

Suction lines - 1 $\left[\frac{m}{s} \right]$

Avoid flow rates > 8 m/s

The resulting forces are high and can damage the pipe.

Max flow l/min	Flow diameter in millimeter		
	5 m/s Pressure lines	3 m/s Pressure lines	1 m/s Pressure lines
1	2,1	2,7	4,6
2	2,9	3,8	6,5
3	3,6	4,6	8,0
4	4,1	5,3	9,2
5	4,6	6,0	10,3
6	5,1	6,5	11,3
7	5,5	7,0	12,2
8	5,8	7,5	13,0
9	6,2	8,0	13,8
10	6,5	8,4	14,6
12	7,1	9,2	16,0
14	7,7	10,0	17,2
16	8,2	10,6	18,4
18	8,7	11,3	19,6
20	9,2	11,9	20,6
22	9,7	12,5	21,6
24	10,1	13,0	22,6
26	10,5	13,6	23,5
28	10,9	14,1	24,4
30	11,3	14,6	25,3
32	11,7	15,1	26,1
34	12,0	15,5	26,9
36	12,4	16,0	27,7
38	12,7	16,4	28,4
40	13,0	16,8	29,2
45	13,8	17,9	30,9
50	14,6	18,8	32,6
55	15,3	19,7	34,2
60	16,0	20,6	35,7
65	16,6	21,5	37,2
70	17,2	22,3	38,6
75	17,9	23,1	39,9
80	18,4	23,8	41,2
85	19,0	24,5	42,5
90	19,6	25,3	43,7
95	20,1	25,9	44,9
100	20,6	26,6	46,1
110	21,6	27,9	48,4
120	22,6	29,2	50,5
130	23,5	30,3	52,6
140	24,4	31,5	54,5
150	25,3	32,6	56,5
160	26,1	33,7	58,3
170	26,9	34,7	60,1
180	27,7	35,7	61,8
190	28,4	36,7	63,5
200	29,2	37,6	65,2
220	30,6	39,5	68,4
240	31,9	41,2	71,4
260	33,2	42,9	74,3
280	34,5	44,5	77,1
300	35,7	46,1	79,8
320	36,9	47,6	82,5
340	38,0	49,1	85,0
360	39,1	50,5	87,5
380	40,2	51,9	89,9
400	41,2	53,2	92,2
450	43,7	56,5	97,8
500	46,1	59,5	103,1



PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE
1014	25	1421	59	1461-10	98	1553-10	87	2689/2889	403	4217~7	136
1029	29	1421-32	60	1461-30	97	1553-50	88	2690/2890	403	4217	375
1031-01	27	1422	61	1461-40	98	1553-90	92	2701/2901	403	4218~1	135
1032	27	1422	61	1462	99	1553-50	88	2702/2902	403	4218~1	135
1032	28	1422	61	1462-10	99	1553-90	92	2703/2903	404	4220	377
1034-01	28	1424-20	62	1462	99	1560	97	2704/2904	404	4221	144
1036	29	1424-30	63	1462-10	99	1560-10	93	2705/2905	404	4221	144
1037-01	30	1424	61	1463-10	100	1560	97	2707	405	4223	377
1038-01	30	1424-10	62	1463-40	100	1561	95	2709	406	4226	140
1045-01	31	1424-20	62	1463-10	100	1561-10	95	2710/2910	407	4226	378
1047	31	1424-30	63	1463-40	100	1562	96	2720/2920	407	4227	141
1049	32	1424-30	63	1463-10	100	1562-10	96	2721/2921	407	4227	378
1052	32	1425	63	1463-40	100	1563-90	101	2723/2923	407	4228	141
1054	25	1425-00	64	1464	103	1563-30	102	2727	408	4228	378
1055	26	1425-30	51	1464	103	1563-50	102	2730/2930	408	4231	144
1055-17	26	1425	63	1464-10	104	1563-70	103	2731/2931	408	4233~2	379
1056-02	35	1425-00	64	1464-50	104	1563-90	101	2749/2949	408	4234~2	379
1057-01	36	1425-70	65	1465-30	105	1563-20	101	2750/2950	409	4235~2	379
1058-01	34	1425-80	65	1466	106	1563-30	102	2752/2952	409	4239	374
1058-50	34	1426	66	1467-45	106	1563-90	101	2760	409	4240	136
1058	35	1426-10	66	1467-51	107	1563-20	101	2771	394	4240	375
1059-01	33	1429	67	1467-52	107	1563-30	102	2772	394	4241	136
1059-04	33	1429	67	1469-20	73	1563-50	102	2773	394	4243	136
1071	17	1430	67	1480	109	1563-70	103	2774	394	4243	376
1091	38	1432-50	68	1480	109	1565	105	2776	394	4244	136
1092-01	36	1432-50	68	1480	109	1567	108	2777	394	4244~6	137
1093-01	37	1432-10	68	1484	110	1567-20	108	2778	394	4244	376
1095	37	1432-30	69	1484	110	1580	77	2779	394	4248	137
1096	38	1432-31	69	1484	110	1580	77	2780	394	4248	376
1101-00	18	1432-50	68	1484	110	1581	77	2907	405	4253	137
1101-14	18	1432-10	68	1484	110	1581	77	2909	406	4253	376
1102-14	19	1432-30	69	1484	110	1582	78	2935	399	4254	137
1102-00	19	1432-31	69	1484	110	1583	78	4200-07	129	4254	376
1102-44	20	1434-70	71	1485	110	1583	78	4200-11	129	4258	137
1102-50	20	1434	71	1485	110	1583	78	4200-12	129	4258	376
1103-03	13	1434-10	94	1485	110	1584	79	4200-21	129	4263	137
1104-17	15	1434-70	71	1485	110	1584	79	4200-22	129	4264	138
1105-10	13	1435	72	1485	110	1584	79	4200-23	129	4268	138
1105-63	14	1436	74	1485	110	1585	79	4200-31	129	4270~2	376
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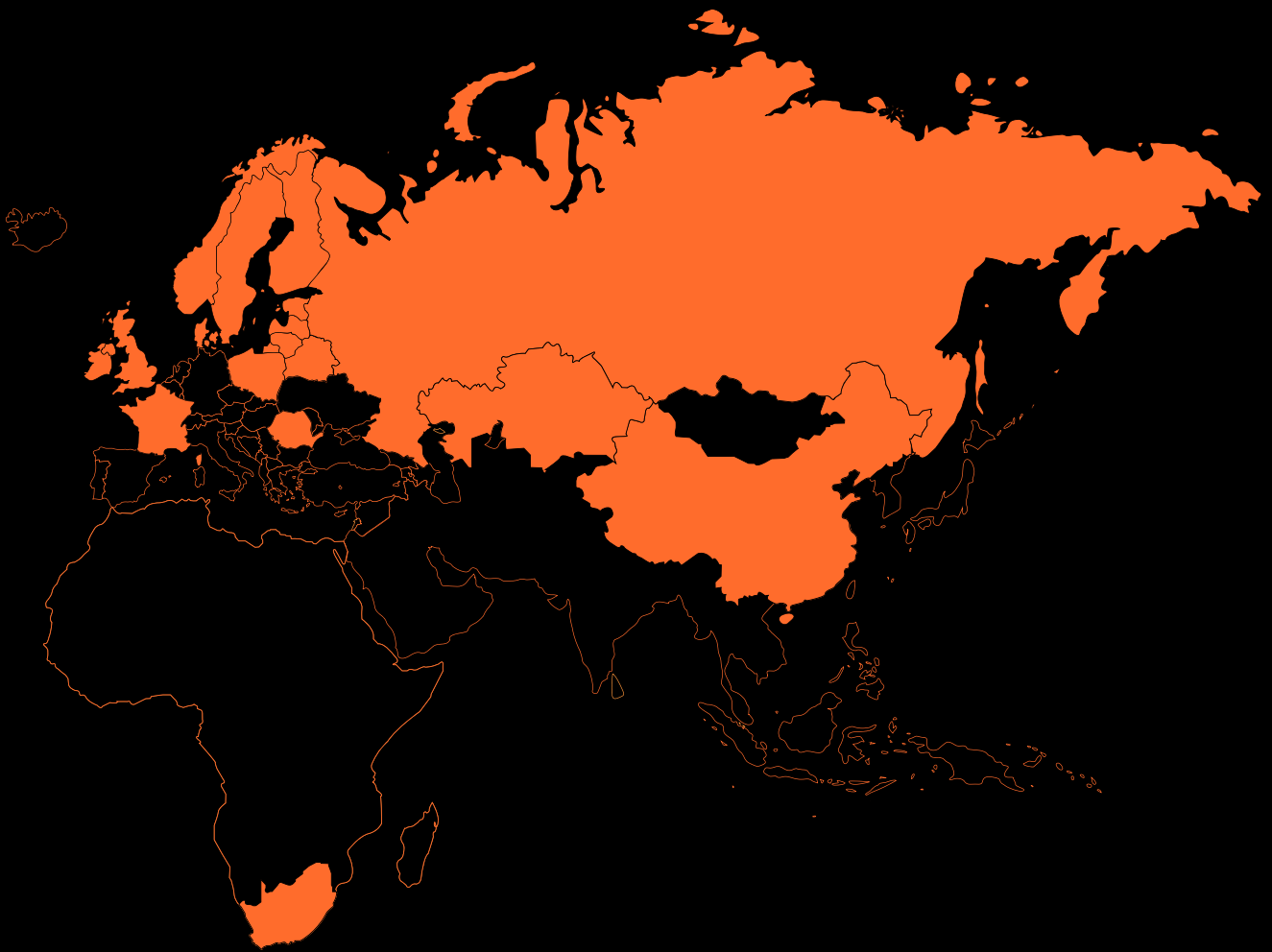
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