

1 Hydraulics **3-284**

2 Hydraulic Quick Release Couplings **285-320**

3 Pneumatic Quick Release Couplings **321-406**

4 Monitor & Test **407-446**

5 Pneumatic & Vacuum **447-762**

6 Push-in Fittings & Tubing **763-918**

7 Valves & Actuation **919-1060**

8 Ring Main **1061-1136**

9 Hose Tails, Adaptors, Fittings & Manifolds **1137-1224**

10 **Stainless Steel** **1225-1332**

11 Malleable Iron **1333-1398**

12 Hose, Couplings, Ducting & Hose Reels **1399-1510**

13 Clips & Clamps **1511-1558**

14 Paint, Sprays & Adhesives **1559-1590**

15 Blow Guns, Vacuum & Nozzles **1591-1616**

16 Fuelling, Lubrication, Wash Down & Misting **1617-1696**

17 Compressors & Air Tools **1697-1726**

18 Hand Tools & PPE **1727-1765**

SECTION 10

Stainless Steel

10.01 Stainless Steel Hydraulics **1225-1287**

10.02 Stainless Steel Valves **1288-1303**

10.03 Stainless Steel Couplings **1304-1310**

10.04 Stainless Steel Pipe Fittings **1311-1322**

10.05 Stainless Steel Pneumatic Push-in Fittings **1323-1326**

10.06 Stainless Steel Pneumatic QRC **1327**

10.07 Stainless Steel Solenoid Valves **1328**

10.08 Stainless Steel Pressure Gauges **1329-1332**

10

1225

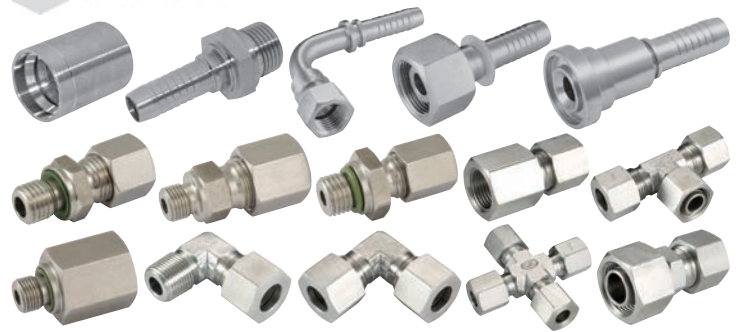
SECTION 10

10.01 Stainless Steel Hydraulics

- Hydraulic Stainless Steel Ferrules
- Hydraulic Stainless Steel Inserts
- 316 Stainless Steel DIN EN ISO 8434-1 Tube Fittings



1225-1287



10.02 Stainless Steel Valves

- Stainless Steel Hydraulic Valves
- Stainless Steel Valves
- Gate Valves
- Check Valves
- Y Strainers
- Stainless Steel Compression Ball Valves



1288-1303

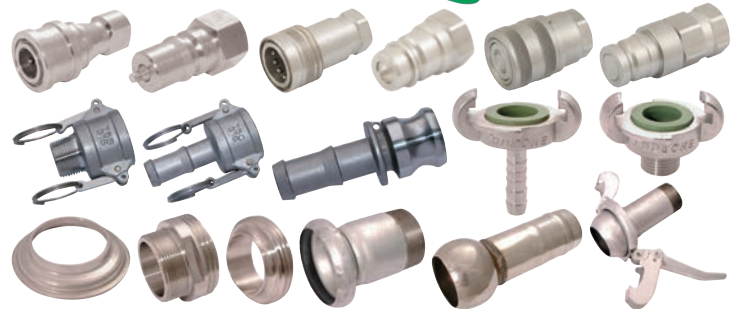


10.03 Stainless Steel Couplings

- ISO A Interchange Couplings & Plugs
- ISO B Interchange Couplings & Plugs
- Hydraulic Quick Release Couplings
- Cam & Groove Quick Couplings
- Claw Couplings
- RJT Couplings
- Stainless Steel Lever Lock Water Pump Couplings



1304-1310



10.04 Stainless Steel Pipe Fittings

- 150lb 316 Stainless Steel Pipe Fittings
- 3000lb 316 Stainless Steel Pipe Fittings
- BS TYPE, 316L Hygienic Pipe Fittings
- Hygienic Clamp Fittings



1311-1322



10.05 Stainless Steel Pneumatic Push-in Fittings

- One Touch All Stainless Steel Push-In Fittings
- 316 Stainless Steel Push-In Fittings



1323-1326



10.06 Stainless Steel Pneumatic QRC

- Series 25 Quick Coupling
- European Profile Stainless Steel



1327



10.07 Stainless Steel Solenoid Valves

- Solenoid Valves



1328



10.08 Stainless Steel Pressure Gauges

- Glycerine Gauges & Accessories
- Test Point Couplings
- Silencers
- Float Level Switches



1329-1332



HYDRAULIC STAINLESS STEEL FERRULES

stainless steel



Stainless Steel 1.4571 Working Temperature: -60°C to +400°C (DIN 17 440, AD W 10)



Ferrules



R1AT Non-skive

0044	To Suit Hose ID
SFR1-05	3/16"
SFR1-06	1/4"
SFR1-08	5/16"
SFR1-10	3/8"
SFR1-12	1/2"
SFR1-16	5/8"
SFR1-20	3/4"
SFR1-25	1"
SFR1-31	1.1/4"
SFR1-38	1.1/2"
SFR1-51	2"

Tech Sheet 60587



R2AT Non-skive

0044	To Suit Hose ID
SFR2-05	3/16"
SFR2-06	1/4"
SFR2-08	5/16"
SFR2-10	3/8"
SFR2-12	1/2"
SFR2-16	5/8"
SFR2-20	3/4"
SFR2-25	1"
SFR2-31	1.1/4"
SFR2-38	1.1/2"
SFR2-51	2"

Tech Sheet 60588



R1AT & R2AT Dual, Non-skive

0044	To Suit Hose ID
SFR3-06	1/4"
SFR3-08	5/16"
SFR3-10	3/8"
SFR3-12	1/2"
SFR3-16	5/8"
SFR3-20	3/4"
SFR3-25	1"

Tech Sheet 60587



EN857-1SC Non-skive

0044	To Suit Hose ID
SFR1-06SC	1/4"
SFR1-08SC	5/16"
SFR1-10SC	3/8"
SFR1-12SC	1/2"

Tech Sheet 60587

EN857-2SC Non-skive

0044	To Suit Hose ID
SFR2-06SC	1/4"
SFR2-08SC	5/16"
SFR2-10SC	3/8"
SFR2-12SC	1/2"
SFR2-16SC	5/8"
SFR2-20SC	3/4"
SFR2-25SC	1"

Tech Sheet 60587

PTFE, Smooth Bore

0044	To Suit Hose ID
SFPTFE-05	3/16"
SFPTFE-06	1/4"
SFPTFE-08	5/16"
SFPTFE-10	3/8"
SFPTFE-12	1/2"
SFPTFE-16	5/8"
SFPTFE-20	3/4"
SFPTFE-25	1"

Tech Sheet 60586



PTFE, Convoluted Bore

0044	To Suit Hose ID
SCFPTFE-06	1/4"
SCFPTFE-08	5/16"
SCFPTFE-10	3/8"
SCFPTFE-12	1/2"
SCFPTFE-16	5/8"
SCFPTFE-20	3/4"
SCFPTFE-25	1"

Tech Sheet 60585



For Full range of Hydraulic Hose see pages 6-14

HYDRAULIC STAINLESS STEEL INSERTS

stainless steel



° Stainless Steel 1.4571 Working Temperature: -60°C to +400°C (DIN 17 440, AD W 10)



BSP

Male Inserts, BSPP



0044	Thread	To Suit Hose ID
SMI05-14	1/4"	3/16"
SMI06-18	1/8"	1/4"
SMI06-14	1/4"	1/4"
SMI06-38	3/8"	1/4"
SMI06-12	1/2"	1/4"
SMI08-14	1/4"	5/16"
SMI08-38	3/8"	5/16"
SMI08-12	1/2"	5/16"
SMI10-14	1/4"	3/8"
SMI10-38	3/8"	3/8"
SMI10-12	1/2"	3/8"
SMI12-38	3/8"	1/2"
SMI12-12	1/2"	1/2"
SMI12-34	3/4"	1/2"
SMI16-12	1/2"	5/8"
SMI16-58	5/8"	5/8"
SMI16-34	3/4"	5/8"
SMI20-34	3/4"	3/4"
SMI20-1	1"	3/4"
SMI25-1	1"	1"
SMI25-34	3/4"	1"
SMI25-114	1.1/4"	1"
SMI31-114	1.1/4"	1.1/4"
SMI31-112	1.1/2"	1.1/4"
SMI38-112	1.1/2"	1.1/2"
SMI51-2	2"	2"

Tech Sheet 60593

Male Inserts, BSPT



0044	Thread	To Suit Hose ID
AGRK-1/8-DN05	1/8"	3/16"
AGRK-1/8-DN06	1/8"	1/4"
AGRK-1/4-DN05	1/4"	3/16"
AGRK-1/4-DN06	1/4"	1/4"
AGRK-1/4-DN10	1/4"	3/8"
AGRK-1/4-DN08	1/4"	5/16"
AGRK-3/8-DN06	3/8"	1/4"
AGRK-3/8-DN08	3/8"	5/16"
AGRK-3/8-DN10	3/8"	3/8"
AGRK-3/8-DN12	3/8"	1/2"
AGRK-1/2-DN10	1/2"	3/8"
AGRK-1/2-DN12	1/2"	1/2"
AGRK-1/2-DN19	1/2"	3/4"
AGRK-3/4-DN12	3/4"	1/2"
AGRK-3/4-DN16	3/4"	5/8"
AGRK-3/4-DN19	3/4"	3/4"
AGRK-3/4-DN25	3/4"	1"
AGRK-1-DN19	1"	3/4"
AGRK-1-DN25	1"	1"
AGRK-11/4-DN31	1.1/4"	1.1/4"
AGRK-11/2-DN38	1.1/2"	1.1/2"
AGRK-2-DN51	2"	2"

Tech Sheet 60589

Swivel Female Inserts, BSPP



0044	Thread	To Suit Hose ID
SFI05-18	1/8"	3/16"
SFI05-14	1/4"	3/16"
SFI06-18	1/8"	1/4"
SFI06-14	1/4"	1/4"
SFI06-38	3/8"	1/4"
SFI06-12	1/2"	1/4"
SFI08-14	1/4"	5/16"
SFI08-38	3/8"	5/16"
SFI08-12	1/2"	5/16"
SFI10-14	1/4"	3/8"
SFI10-38	3/8"	3/8"
SFI10-12	1/2"	3/8"
SFI12-38	3/8"	1/2"
SFI12-12	1/2"	1/2"
SFI12-58	5/8"	1/2"
SFI16-12	1/2"	5/8"
SFI16-58	5/8"	5/8"
SFI16-34	3/4"	5/8"
SFI20-12	1/2"	3/4"
SFI20-34	3/4"	3/4"
SFI20-1	1"	3/4"
SFI20-114	1.1/4"	3/4"
SFI25-1	1"	1"
SFI25-34	3/4"	1"
SFI25-114	1.1/4"	1"
SFI31-1	1"	1.1/4"
SFI31-114	1.1/4"	1.1/4"
SFI31-112	1.1/2"	1.1/4"
SFI38-112	1.1/2"	1.1/2"
SFI38-2	2"	1.1/2"
SFI51-2	2"	2"

Tech Sheet 60592

Female Swept 90° Inserts, BSPP



0044	Thread	To Suit Hose ID
SEI05-14	1/4"	3/16"
SEI05-18	1/8"	3/16"
SEI06-18	1/8"	1/4"
SEI06-14	1/4"	1/4"
SEI06-38	3/8"	1/4"
SEI08-14	1/4"	5/16"
SEI08-38	3/8"	5/16"
SEI10-14	1/4"	3/8"
SEI10-38	3/8"	3/8"
SEI10-12	1/2"	3/8"
SEI12-38	3/8"	1/2"
SEI12-12	1/2"	1/2"
SEI12-58	5/8"	1/2"
SEI16-12	1/2"	5/8"
SEI16-58	5/8"	5/8"
SEI16-34	3/4"	5/8"
SEI20-34	3/4"	3/4"
SEI20-1	1"	3/4"
SEI25-1	1"	1"
SEI25-114	1.1/4"	1"
SEI31-114	1.1/4"	1.1/4"
SEI31-112	1.1/2"	1.1/4"
SEI38-112	1.1/2"	1.1/2"
SEI38-2	2"	1.1/2"
SEI51-2	2"	2"

Tech Sheet 60591

Female Swept 45° Inserts, BSPP



0044	Thread	To Suit Hose ID
DKR-1/8-45-DN05	1/8"	3/16"
DKR-1/8-45-DN06	1/8"	1/4"
DKR-1/4-45-DN05	1/4"	3/16"
DKR-1/4-45-DN06	1/4"	1/4"
DKR-1/4-45-DN08	1/4"	5/16"
DKR-1/4-45-DN10	1/4"	3/8"
DKR-3/8-45-DN06	3/8"	1/4"
DKR-3/8-45-DN08	3/8"	5/16"
DKR-3/8-45-DN10	3/8"	3/8"
DKR-3/8-45-DN12	3/8"	1/2"
DKR-1/2-45-DN10	1/2"	3/8"
DKR-1/2-45-DN12	1/2"	1/2"
DKR-1/2-45-DN16	1/2"	5/8"
DKR-5/8-45-DN12	5/8"	1/2"
DKR-5/8-45-DN16	5/8"	5/8"
DKR-3/4-45-DN12	3/4"	1/2"
DKR-3/4-45-DN16	3/4"	5/8"
DKR-3/4-45-DN19	3/4"	3/4"
DKR-1-45-DN19	1"	3/4"
DKR-1-45-DN25	1"	1"
DKR-11/4-45-DN25	1.1/4"	1"
DKR-11/4-45-DN31	1.1/4"	1.1/4"
DKR-11/2-45-DN31	1.1/2"	1.1/4"
DKR-11/2-45-DN38	1.1/2"	1.1/2"
DKR-2-45-DN38	2"	1.1/2"
DKR-2-45-DN51	2"	2"

Tech Sheet 60590

HYDRAULIC STAINLESS STEEL INSERTS

stainless steel



Stainless Steel 1.4571 Working Temperature: -60°C to +400°C (DIN 17 440, AD W 10)



JIC 37°



Male Inserts

0044	Thread	To Suit Hose ID
AGJ-7/16-DN05	7/16"	3/16"
AGJ-7/16-DN06	7/16"	1/4"
AGJ-1/2-DN05	1/2"	3/16"
AGJ-1/2-DN06	1/2"	1/4"
AGJ-1/2-DN08	1/2"	5/16"
AGJ-9/16-DN05	9/16"	3/16"
AGJ-9/16-DN06	9/16"	1/4"
AGJ-9/16-DN08	9/16"	5/16"
AGJ-9/16-DN10	9/16"	3/8"
AGJ-3/4-DN10	3/4"	3/8"
AGJ-3/4-DN12	3/4"	1/2"
AGJ-7/8-DN10	7/8"	3/8"
AGJ-7/8-DN12	7/8"	1/2"
AGJ-7/8-DN16	7/8"	5/8"
AGJ-11/16-DN12	1.1/16"	1/2"
AGJ-11/16-DN16	1.1/16"	5/8"
AGJ-11/16-DN19	1.1/16"	3/4"
AGJ-15/16-DN19	1.5/16"	3/4"
AGJ-15/16-DN25	1.5/16"	1"
AGJ-15/8-DN25	1.5/8"	1"
AGJ-15/8-DN31	1.5/8"	1.1/4"
AGJ-17/8-DN31	1.7/8"	1.1/4"
AGJ-17/8-DN38	1.7/8"	1.1/2"
AGJ-2 1/2-DN38	2.1/2"	1.1/2"
AGJ-2 1/2-DN51	2.1/2"	2"

Tech Sheet 60594



Female Swivel Inserts

0044	Thread	To Suit Hose ID
DKJ7/16-DN05	7/16"	3/16"
DKJ7/16-DN06	7/16"	1/4"
DKJ1/2-DN05	1/2"	3/16"
DKJ1/2-DN06	1/2"	1/4"
DKJ1/2-DN08	1/2"	5/16"
DKJ9/16-DN05	9/16"	3/16"
DKJ9/16-DN06	9/16"	1/4"
DKJ9/16-DN08	9/16"	5/16"
DKJ9/16-DN10	9/16"	3/8"
DKJ9/16-DN12	9/16"	1/2"
DKJ3/4-DN06	3/4"	1/4"
DKJ3/4-DN08	3/4"	5/16"
DKJ3/4-DN10	3/4"	3/8"
DKJ3/4-DN12	3/4"	1/2"
DKJ3/4-DN16	3/4"	5/8"
DKJ3/4-DN19	3/4"	3/4"
DKJ7/8-DN10	7/8"	3/8"
DKJ7/8-DN12	7/8"	1/2"
DKJ7/8-DN16	7/8"	5/8"
DKJ7/8-DN19	7/8"	3/4"
DKJ11/16-DN12	1.1/16"	1/2"
DKJ11/16-DN16	1.1/16"	5/8"
DKJ11/16-DN19	1.1/16"	3/4"
DKJ11/16-DN25	1.1/16"	1"
DKJ15/16-DN16	1.5/16"	5/8"
DKJ15/16-DN25	1.5/16"	1"
DKJ15/8-DN25	1.5/8"	1"
DKJ15/8-DN31	1.5/8"	1.1/4"
DKJ17/8-DN31	1.7/8"	1.1/4"
DKJ17/8-DN38	1.7/8"	1.1/2"
DKJ21/2-DN38	2.1/2"	1.1/2"
DKJ21/2-DN51	2.1/2"	2"

Tech Sheet 60597



Female Swept 90° Inserts

0044	Thread	To Suit Hose ID
DKJ7/16-90-DN05	7/16"	3/16"
DKJ7/16-90-DN06	7/16"	1/4"
DKJ1/2-90-DN05	1/2"	3/16"
DKJ1/2-90-DN06	1/2"	1/4"
DKJ1/2-90-DN08	1/2"	5/16"
DKJ9/16-90-DN05	9/16"	3/16"
DKJ9/16-90-DN06	9/16"	1/4"
DKJ9/16-90-DN08	9/16"	5/16"
DKJ9/16-90-DN10	9/16"	3/8"
DKJ3/4-90-DN10	3/4"	3/8"
DKJ3/4-90-DN12	3/4"	1/2"
DKJ7/8-90-DN10	7/8"	3/8"
DKJ7/8-90-DN12	7/8"	1/2"
DKJ7/8-90-DN16	7/8"	5/8"
DKJ11/16-90-DN12	1.1/16"	1/2"
DKJ11/16-90-DN16	1.1/16"	5/8"
DKJ11/16-90-DN19	1.1/16"	3/4"
DKJ15/16-90-DN19	1.5/16"	3/4"
DKJ15/16-90-DN25	1.5/16"	1"
DKJ15/8-90-DN25	1.5/8"	1"
DKJ15/8-90-DN31	1.5/8"	1.1/4"
DKJ17/8-90-DN31	1.7/8"	1.1/4"
DKJ17/8-90-DN38	1.7/8"	1.1/2"
DKJ21/2-90-DN38	2.1/2"	1.1/2"
DKJ21/2-90-DN51	2.1/2"	2"

Tech Sheet 60596



Female Swept 45° Inserts

0044	Thread	To Suit Hose ID
DKJ-7/16-45-DN06	7/16"	1/4"
DKJ-1/2-45-DN06	1/2"	1/4"
DKJ-1/2-45-DN08	1/2"	5/16"
DKJ-9/16-45-DN06	9/16"	1/4"
DKJ-9/16-45-DN08	9/16"	5/16"
DKJ-9/16-45-DN10	9/16"	3/8"
DKJ-3/4-45-DN10	3/4"	3/8"
DKJ-3/4-45-DN12	3/4"	1/2"
DKJ-7/8-45-DN10	7/8"	3/8"
DKJ-7/8-45-DN12	7/8"	1/2"
DKJ-7/8-45-DN16	7/8"	5/8"
DKJ-1116-45-DN12	1.1/16"	1/2"
DKJ-1116-45-DN16	1.1/16"	5/8"
DKJ-1116-45-DN19	1.1/16"	3/4"
DKJ-1516-45-DN19	1.5/16"	3/4"
DKJ-1516-45-DN25	1.5/16"	1"
DKJ-15/8-45-DN25	1.5/8"	1"
DKJ-15/8-45-DN31	1.5/8"	1.1/4"
DKJ-17/8-45-DN31	1.7/8"	1.1/4"
DKJ-17/8-45-DN38	1.7/8"	1.1/2"
DKJ-21/2-45-DN38	2.1/2"	1.1/2"
DKJ-21/2-45-DN51	2.1/2"	2"

Tech Sheet 60595



For Hose & Pipe Cleaning
see page 49

HYDRAULIC STAINLESS STEEL INSERTS

stainless steel



Metric Light Series

Stainless Steel 1.4571 Working Temperature: -60°C to +400°C (DIN 17 440, AD W 10)



Metric Male 24° Cone Seat, L Series DIN 2353

0044	Thread	To Suit Hose ID
CEL-06-DN05	M12 x 1.5	3/16"
CEL-06-DN06	M12 x 1.5	1/4"
CEL-08-DN05	M14 x 1.5	3/16"
CEL-08-DN06	M14 x 1.5	1/4"
CEL-10-DN06	M16 x 1.5	1/4"
CEL-10-DN08	M16 x 1.5	5/16"
CEL-10-DN10	M16 x 1.5	3/8"
CEL-12-DN06	M18 x 1.5	1/4"
CEL-12-DN08	M18 x 1.5	5/16"
CEL-12-DN10	M18 x 1.5	3/8"
CEL-12-DN12	M18 x 1.5	1/2"
CEL-15-DN10	M22 x 1.5	3/8"
CEL-15-DN12	M22 x 1.5	1/2"
CEL-18-DN12	M26 x 1.5	1/2"
CEL-18-DN16	M26 x 1.5	5/8"
CEL-18-DN19	M26 x 1.5	3/4"
CEL-22-DN16	M30 x 2	5/8"
CEL-22-DN19	M30 x 2	3/4"
CEL-28-DN19	M36 x 2	3/4"
CEL-28-DN25	M36 x 2	1"
CEL-35-DN31	M45 x 2	1.1/4"
CEL-42-DN38	M52 x 2	1.1/2"

Tech Sheet 60598



Metric Female 24° Cone Seat, L Series with O-Ring, DIN 2353

0044	Thread	To Suit Hose ID
DKOL-06-DN05	M12 x 1.5	3/16"
DKOL-06-DN06	M12 x 1.5	1/4"
DKOL-08-DN05	M14 x 1.5	3/16"
DKOL-08-DN06	M14 x 1.5	1/4"
DKOL-08-DN08	M14 x 1.5	5/16"
DKOL-10-DN10	M14 x 1.5	3/8"
DKOL-10-DN06	M16 x 1.5	1/4"
DKOL-10-DN08	M16 x 1.5	5/16"
DKOL-10-DN10	M16 x 1.5	3/8"
DKOL-12-DN06	M18 x 1.5	1/4"
DKOL-12-DN08	M18 x 1.5	5/16"
DKOL-12-DN10	M18 x 1.5	3/8"
DKOL-12-DN12	M18 x 1.5	1/2"
DKOL-15-DN06	M22 x 1.5	1/4"
DKOL-15-DN08	M22 x 1.5	5/16"
DKOL-15-DN10	M22 x 1.5	3/8"
DKOL-15-DN12	M22 x 1.5	1/2"
DKOL-15-DN16	M22 x 1.5	5/8"
DKOL-18-DN10	M26 x 1.5	3/8"
DKOL-18-DN12	M26 x 1.5	1/2"
DKOL-18-DN16	M26 x 1.5	5/8"
DKOL-18-DN19	M26 x 1.5	3/4"
DKOL-22-DN12	M30 x 2	1/2"
DKOL-22-DN16	M30 x 2	5/8"
DKOL-22-DN19	M30 x 2	3/4"
DKOL-22-DN25	M30 x 2	1"
DKOL-28-DN16	M36 x 2	5/8"
DKOL-28-DN19	M36 x 2	3/4"
DKOL-28-DN25	M36 x 2	1"
DKOL-35-DN25	M45 x 2	1"
DKOL-35-DN31	M45 x 2	1.1/4"
DKOL-42-DN31	M52 x 2	1.1/4"
DKOL-42-DN38	M52 x 2	1.1/2"

Tech Sheet 60601



90° Metric Female 24° Cone Seat, L Series with O-Ring DIN 2353

0044	Thread	To Suit Hose ID
DKOL-06-90-DN05	M12 X 1.5	3/16"
DKOL-06-90-DN06	M12 x 1.5	1/4"
DKOL-08-90-DN06	M14 x 1.5	1/4"
DKOL-08-90-DN08	M14 x 1.5	5/16"
DKOL-10-90-DN06	M16 x 1.5	1/4"
DKOL-10-90-DN08	M16 x 1.5	5/16"
DKOL-10-90-DN10	M16 x 1.5	3/8"
DKOL-12-90-DN06	M18 x 1.5	1/4"
DKOL-12-90-DN08	M18 x 1.5	5/16"
DKOL-12-90-DN10	M18 x 1.5	3/8"
DKOL-12-90-DN12	M18 x 1.5	1/2"
DKOL-15-90-DN10	M22 x 1.5	3/8"
DKOL-15-90-DN12	M22 x 1.5	1/2"
DKOL-18-90-DN12	M26 x 1.5	1/2"
DKOL-18-90-DN16	M26 x 1.5	5/8"
DKOL-22-90-DN16	M30 x 2	5/8"
DKOL-22-90-DN19	M30 x 2	3/4"
DKOL-28-90-DN19	M36 x 2	3/4"
DKOL-28-90-DN25	M36 x 2	1"
DKOL-35-90-DN31	M45 x 2	1.1/4"
DKOL-42-90-DN38	M52 x 2	1.1/2"

Tech Sheet 60600



45° Metric Female 24° Cone Seat, L Series with O-Ring DIN 2353

0044	Thread	To Suit Hose ID
DKOL-06-45-DN05	M12 x 1.5	3/16"
DKOL-06-45-DN06	M12 x 1.5	1/4"
DKOL-08-45-DN05	M14 x 1.5	3/16"
DKOL-08-45-DN06	M14 x 1.5	1/4"
DKOL-08-45-DN08	M14 x 1.5	5/16"
DKOL-10-45-DN06	M16 x 1.5	1/4"
DKOL-10-45-DN08	M16 x 1.5	5/16"
DKOL-10-45-DN10	M16 x 1.5	3/8"
DKOL-12-45-DN06	M18 x 1.5	1/4"
DKOL-12-45-DN08	M18 x 1.5	5/16"
DKOL-12-45-DN10	M18 x 1.5	3/8"
DKOL-12-45-DN12	M18 x 1.5	1/2"
DKOL-15-45-DN10	M22 x 1.5	3/8"
DKOL-15-45-DN12	M22 x 1.5	1/2"
DKOL-18-45-DN12	M26 x 1.5	1/2"
DKOL-18-45-DN16	M26 x 1.5	5/8"
DKOL-22-45-DN16	M30 x 2	5/8"
DKOL-22-45-DN19	M30 x 2	3/4"
DKOL-28-45-DN19	M36 x 2	3/4"
DKOL-28-45-DN25	M36 x 2	1"
DKOL-35-45-DN31	M45 x 2	1.1/4"
DKOL-42-45-DN38	M52 x 2	1.1/2"

Tech Sheet 60599



For Polypropylene Protective Hose Sleeves see pages 47-48

HYDRAULIC STAINLESS STEEL INSERTS

Stainless Steel 1.4571 Working Temperature: -60°C to +400°C (DIN 17 440, AD W 10)



Metric Heavy Series



Metric Male 24° Cone Seat, S Series DIN 2353

0044	Thread	To Suit Hose ID
CES-06-DN06	M14 x 1.5	1/4"
CES-08-DN06	M16 x 1.5	1/4"
CES-10-DN06	M18 x 1.5	1/4"
CES-10-DN08	M18 x 1.5	5/16"
CES-10-DN10	M18 x 1.5	3/8"
CES-12-DN08	M20 x 1.5	5/16"
CES-12-DN10	M20 x 1.5	3/8"
CES-14-DN08	M22 x 1.5	5/16"
CES-14-DN10	M22 x 1.5	3/8"
CES-16-DN10	M24 x 1.5	3/8"
CES-16-DN12	M24 x 1.5	1/2"
CES-20-DN12	M30 x 2	1/2"
CES-20-DN16	M30 x 2	5/8"
CES-20-DN19	M30 x 2	3/4"
CES-25-DN19	M36 x 2	3/4"
CES-25-DN25	M36 x 2	1"
CES-38-DN31	M52 x 2	1.1/4"
CES-30-DN25	M42 x 2	1"

Tech Sheet 60602



Metric Female 24° Cone Seat, S Series, DIN 2353

0044	Thread	To Suit Hose ID
DKOS-06-DN05	M14 x 1.5	3/16"
DKOS-06-DN06	M14 x 1.5	1/4"
DKOS-08-DN05	M16 x 1.5	3/16"
DKOS-08-DN06	M16 x 1.5	1/4"
DKOS-08-DN08	M16 x 1.5	5/16"
DKOS-08-DN10	M16 x 1.5	3/8"
DKOS-10-DN06	M18 x 1.5	1/4"
DKOS-10-DN08	M18 x 1.5	5/16"
DKOS-10-DN10	M18 x 1.5	3/8"
DKOS-12-DN06	M20 x 1.5	1/4"
DKOS-12-DN08	M20 x 1.5	5/16"
DKOS-12-DN10	M20 x 1.5	3/8"
DKOS-12-DN12	M20 x 1.5	1/2"
DKOS-14-DN08	M22 x 1.5	5/16"
DKOS-14-DN10	M22 x 1.5	3/8"
DKOS-16-DN06	M24 x 1.5	1/4"
DKOS-16-DN08	M24 x 1.5	5/16"
DKOS-16-DN10	M24 x 1.5	3/8"
DKOS-16-DN12	M24 x 1.5	1/2"
DKOS-16-DN16	M24 x 1.5	5/8"
DKOS-20-DN10	M30 x 2	3/8"
DKOS-20-DN12	M30 x 2	1/2"
DKOS-20-DN16	M30 x 2	5/8"
DKOS-20-DN19	M30 x 2	3/4"
DKOS-25-DN12	M36 x 2	1/2"
DKOS-25-DN16	M36 x 2	5/8"
DKOS-25-DN19	M36 x 2	3/4"
DKOS-25-DN25	M36 x 2	1"
DKOS-30-DN19	M42 x 2	3/4"
DKOS-30-DN25	M42 x 2	1"
DKOS-38-DN25	M52 x 2	1"
DKOS-38-DN31	M52 x 2	1.1/4"
DKOS-50-DN38	M68 x 2	1.1/2"

Tech Sheet 60605



90° Metric Female 24° Cone Seat, S Series with O-Ring, DIN 2353

0044	Thread	To Suit Hose ID
DKOS-06-90-DN06	M14 x 1.5	1/4"
DKOS-08-90-DN06	M16 x 1.5	1/4"
DKOS-08-90-DN08	M16 x 1.5	5/16"
DKOS-10-90-DN06	M18 x 1.5	1/4"
DKOS-10-90-DN08	M18 x 1.5	5/16"
DKOS-10-90-DN10	M18 x 1.5	3/8"
DKOS-12-90-DN06	M20 x 1.5	1/4"
DKOS-12-90-DN08	M20 x 1.5	5/16"
DKOS-12-90-DN10	M20 x 1.5	3/8"
DKOS-12-90-DN12	M20 x 1.5	1/2"
DKOS-14-90-DN10	M22 x 1.5	3/8"
DKOS-16-90-DN10	M24 x 1.5	3/8"
DKOS-16-90-DN12	M24 x 1.5	1/2"
DKOS-20-90-DN12	M30 x 2	1/2"
DKOS-20-90-DN16	M30 x 2	5/8"
DKOS-20-90-DN19	M30 x 2	3/4"
DKOS-25-90-DN19	M36 x 2	3/4"
DKOS-25-90-DN25	M36 x 2	1"
DKOS-30-90-DN19	M42 x 2	3/4"
DKOS-30-90-DN25	M42 x 2	1"
DKOS-38-90-DN25	M52 x 2	1"
DKOS-38-90-DN31	M52 x 2	1.1/4"

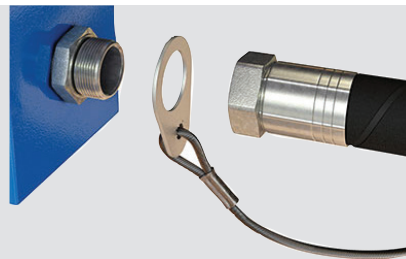
Tech Sheet 60604



45° Metric Female 24° Cone Seat, S Series with O-Ring, DIN 2353

0044	Thread	To Suit Hose ID
DKOS-06-45-DN06	M14 x 1.5	1/4"
DKOS-08-45-DN06	M16 x 1.5	1/4"
DKOS-08-45-DN08	M16 x 1.5	5/16"
DKOS-10-45-DN06	M18 x 1.5	1/4"
DKOS-10-45-DN08	M18 x 1.5	5/16"
DKOS-10-45-DN10	M18 x 1.5	3/8"
DKOS-12-45-DN06	M20 x 1.5	1/4"
DKOS-12-45-DN08	M20 x 1.5	5/16"
DKOS-12-45-DN10	M20 x 1.5	3/8"
DKOS-12-45-DN12	M20 x 1.5	1/2"
DKOS-14-45-DN10	M22 x 1.5	3/8"
DKOS-16-45-DN10	M24 x 1.5	3/8"
DKOS-16-45-DN12	M24 x 1.5	1/2"
DKOS-20-45-DN12	M30 x 2	1/2"
DKOS-20-45-DN16	M30 x 2	5/8"
DKOS-20-45-DN19	M30 x 2	3/4"
DKOS-25-45-DN19	M36 x 2	3/4"
DKOS-25-45-DN25	M36 x 2	1"
DKOS-30-45-DN19	M42 x 2	3/4"
DKOS-30-45-DN25	M42 x 2	1"
DKOS-38-45-DN25	M52 x 2	1"
DKOS-38-45-DN31	M52 x 2	1.1/4"

Tech Sheet 60603



For Hose Retention System
see pages 42-43

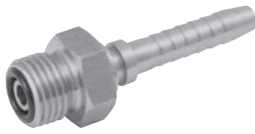
HYDRAULIC STAINLESS STEEL INSERTS

stainless steel



ORFS

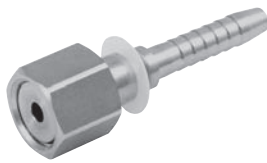
° Stainless Steel 1.4571 Working Temperature: -60°C to +400°C (DIN 17 440, AD W 10)



Male (O-Ring Face) Inserts

0044	Thread	To Suit Hose ID
ORFSM0404SS	9/16"	1/4"
ORFSM0606SS	11/16"	3/8"
ORFSM0808SS	13/16"	1/2"
ORFSM1010SS	1"	5/8"
ORFSM1212SS	1.3/16"	3/4"
ORFSM1616SS	1.7/16"	1"
ORFSM2020SS	1.11/16"	1.1/4"
ORFSM2424SS	2"	1.1/2"

Tech Sheet 60610



Female Inserts

0044	Thread	To Suit Hose ID
ORFSF0404SS	9/16"	1/4"
ORFSF0604SS	11/16"	1/4"
ORFSF0605SS	11/16"	5/16"
ORFSF0606SS	11/16"	3/8"
ORFSF0806SS	13/16"	3/8"
ORFSF0808SS	13/16"	1/2"
ORFSF1008SS	1"	1/2"
ORFSF1010SS	1"	5/8"
ORFSF1012SS	1"	3/4"
ORFSF1208SS	1.3/16"	1/2"
ORFSF1210SS	1.3/16"	5/8"
ORFSF1212SS	1.7/16"	3/4"
ORFSF1612SS	1.7/16"	3/4"
ORFSF1616SS	1.7/16"	1"
ORFSF2020SS	1.11/16"	1.1/4"
ORFSF2424SS	2"	1.1/2"

Tech Sheet 60607

Female Swept 90° Elbow Inserts

0044	Thread	To Suit Hose ID
ORFSF049004SS	9/16"	1/4"
ORFSF069004SS	11/16"	1/4"
ORFSF069005SS	11/16"	5/16"
ORFSF069006SS	11/16"	3/8"
ORFSF089006SS	13/16"	3/8"
ORFSF089008SS	13/16"	1/2"
ORFSF109010SS	1"	5/8"
ORFSF109012SS	1"	3/4"
ORFSF129012SS	1.7/16"	3/4"
ORFSF169012SS	1.7/16"	3/4"
ORFSF169016SS	1.7/16"	1"
ORFSF209020SS	1.11/16"	1.1/4"
ORFSF209024SS	2"	1.1/2"

Tech Sheet 60609



Female Swept 45° Elbow Inserts

0044	Thread	To Suit Hose ID
ORFSF044504SS	9/16"	1/4"
ORFSF064504SS	11/16"	1/4"
ORFSF064505SS	11/16"	5/16"
ORFSF064506SS	11/16"	3/8"
ORFSF084506SS	13/16"	3/8"
ORFSF084508SS	13/16"	1/2"
ORFSF104510SS	1"	5/8"
ORFSF104512SS	1"	3/4"
ORFSF124512SS	1.7/16"	3/4"
ORFSF164516SS	1.7/16"	1"
ORFSF204520SS	1.11/16"	1.1/4"
ORFSF204524SS	2"	1.1/2"

Tech Sheet 60608



Jet Wash Female



M22 x 1.5

0044	To Suit Hose ID
DKO-KA-DN06	1/4"
DKO-KA-DN08	5/16"
DKO-KA-DN10	3/8"
DKO-KA-DN12	1/2"

Tech Sheet 60627

Banjos



Bolt, Metric

0044	Thread
HS-M10X1	M10 x 1
HS-M12X1.5	M12 x 1.5
HS-M14X1.5	M14 x 1.5
HS-M16X1.5	M16 x 1.5
HS-M18X1.5	M18 x 1.5
HS-M22X1.5	M22 x 1.5
HS-M26X1.5	M26 x 1.5

Tech Sheet 60606

Bolt, Imperial

0044	Thread
HS-G1/8	1/8"
HS-G1/4	1/4"
HS-G3/8	3/8"
HS-G1/2	1/2"
HS-G3/4	3/4"

Tech Sheet 60606



Inserts, Metric/Imperial

0044	Thread	Thread	To Suit Hose ID
RGN-10-DN06	M10 x 1	1/8"	1/4"
RGN-10-DN08	M10 x 1	1/8"	5/16"
RGN-12-DN06	M12 x 1.5	-	1/4"
RGN-12-DN08	M12 x 1.5	-	5/16"
RGN-14-DN06	M14 x 1.5	-	1/4"
RGN-14-DN06	-	1/4"	1/4"
RGN-14-DN08	M14 x 1.5	-	5/16"
RGN-14-DN10	M14 x 1.5	-	3/8"
RGN-16-DN08	M16 x 1.5	3/8"	5/16"
RGN-16-DN10	M16 x 1.5	3/8"	3/8"
RGN-16-DN12	M16 x 1.5	3/8"	1/2"
RGN-18-DN10	M18 x 1.5	-	3/8"
RGN-1/2-DN10	-	1/2"	3/8"
RGN-1/2-DN12	-	1/2"	1/2"
RGN-18-DN12	M18 x 1.5	-	1/2"
RGN-22-DN12	M22 x 1.5	-	1/2"
RGN-22-DN16	M22 x 1.5	-	5/8"
RGN-26-DN19	M26 x 1.5	3/4"	3/4"

Tech Sheet 60611

HYDRAULIC STAINLESS STEEL INSERTS

stainless steel



° Stainless Steel 1.4571 Working Temperature: -60°C to +400°C (DIN 17 440, AD W 10)



Standpipes



Straight, L Series

0044	OD mm	To Suit Hose ID
BEL-06-DN05	6	3/16"
BEL-06-DN06	6	1/4"
BEL-08-DN05	8	3/16"
BEL-08-DN06	8	1/4"
BEL-08-DN08	8	5/16"
BEL-10-DN08	10	5/16"
BEL-10-DN10	10	3/8"
BEL-12-DN10	12	3/8"
BEL-12-DN12	12	1/2"
BEL-15-DN10	15	3/8"
BEL-15-DN12	15	1/2"
BEL-18-DN12	18	1/2"
BEL-18-DN16	18	5/8"
BEL-22-DN16	22	5/8"
BEL-22-DN19	22	3/4"
BEL-28-DN25	28	1"
BEL-35-DN31	35	1.1/4"
BEL-42-DN38	42	1.1/2"

Tech Sheet 60615



Swept 90°, L Series

0044	OD mm	To Suit Hose ID
BEL-06-90-DN05	6	3/16"
BEL-06-90-DN06	6	1/4"
BEL-08-90-DN06	8	1/4"
BEL-10-90-DN06	10	1/4"
BEL-10-90-DN08	10	5/16"
BEL-10-90-DN10	10	3/8"
BEL-12-90-DN08	12	5/16"
BEL-12-90-DN10	12	3/8"
BEL-12-90-DN12	12	1/2"
BEL-15-90-DN12	15	1/2"
BEL-18-90-DN16	18	5/8"
BEL-22-90-DN19	22	3/4"
BEL-28-90-DN25	28	1"
BEL-35-90-DN31	35	1.1/4"
BEL-42-90-DN38	42	1.1/2"

Tech Sheet 60614



Swept 45°, L Series

0044	OD mm	To Suit Hose ID
BEL-06-45-DN05	6	3/16"
BEL-06-45-DN06	6	1/4"
BEL-08-45-DN06	8	1/4"
BEL-10-45-DN06	10	1/4"
BEL-10-45-DN08	10	5/16"
BEL-10-45-DN10	10	3/8"
BEL-12-45-DN08	12	5/16"
BEL-12-45-DN10	12	3/8"
BEL-15-45-DN12	15	1/2"
BEL-18-45-DN16	18	5/8"
BEL-22-45-DN19	22	3/4"
BEL-28-45-DN25	28	1"
BEL-35-45-DN31	35	1.1/4"
BEL-42-45-DN38	42	1.1/2"

Tech Sheet 60613

Straight, S Series

0044	OD mm	To Suit Hose ID
BES-06-DN05	6	3/16"
BES-06-DN06	6	1/4"
BES-08-DN06	8	1/4"
BES-08-DN08	8	5/16"
BES-10-DN06	10	1/4"
BES-10-DN08	10	5/16"
BES-10-DN10	10	3/8"
BES-12-DN06	12	1/4"
BES-12-DN08	12	5/16"
BES-12-DN10	12	3/8"
BES-12-DN12	12	1/2"
BES-14-DN10	14	3/8"
BES-16-DN12	16	1/2"
BES-20-DN12	20	1/2"
BES-20-DN16	20	5/8"
BES-20-DN19	20	3/4"
BES-25-DN19	25	3/4"
BES-25-DN25	25	1"
BES-30-DN25	30	1"
BES-38-DN31	38	1.1/4"

Tech Sheet 60616

Swept 90°, S Series

0044	OD mm	To Suit Hose ID
BES-06-90-DN05	6	3/16"
BES-06-90-DN06	6	1/4"
BES-08-90-DN06	8	1/4"
BES-10-90-DN06	10	1/4"
BES-10-90-DN08	10	5/16"
BES-10-90-DN10	10	3/8"
BES-12-90-DN08	12	5/16"
BES-12-90-DN10	12	3/8"
BES-14-90-DN10	14	3/8"
BES-16-90-DN12	16	1/2"
BES-20-90-DN16	20	5/8"
BES-25-90-DN19	25	3/4"
BES-30-90-DN25	30	1"
BES-38-90-DN31	38	1.1/4"

Tech Sheet 60614

Swept 45°, S Series

0044	OD mm	To Suit Hose ID
BES-06-45-DN05	6	3/16"
BES-06-45-DN06	6	1/4"
BES-08-45-DN06	8	1/4"
BES-10-45-DN06	10	1/4"
BES-10-45-DN08	10	5/16"
BES-10-45-DN10	10	3/8"
BES-12-45-DN08	12	5/16"
BES-14-45-DN10	14	3/8"
BES-16-45-DN12	16	1/2"
BES-20-45-DN16	20	5/8"
BES-25-45-DN19	25	3/4"
BES-30-45-DN25	30	1"
BES-38-45-DN31	38	1.1/4"

Tech Sheet 60613

Straight, Imperial

0044	OD	To Suit Hose ID
BE-14-DN06	1/4"	1/4"
BE-516-DN08	5/16"	5/16"
BE-38-DN10	3/8"	3/8"
BE-12-DN12	1/2"	1/2"
BE-58-DN16	5/8"	5/8"
BE-34-DN19	3/4"	3/4"
BE-1-DN25	1"	1"
BE-114-DN31	1.1/4"	1.1/4"
BE-112-DN38	1.1/2"	1.1/2"

Tech Sheet 60612



For Hose & Assemblies
see page 15

HYDRAULIC STAINLESS STEEL INSERTS

stainless steel



SAE 3000 psi (3k)

Stainless Steel 1.4571 Working Temperature: -60°C to +400°C (DIN 17 440, AD W 10)



Straight Flanges

0044	Flange ND	To Suit Hose ID
SFL3-1/2-DN12	1/2"	1/2"
SFL3-1/2-DN16	1/2"	5/8"
SFL3-3/4-DN12	3/4"	1/2"
SFL3-3/4-DN16	3/4"	5/8"
SFL3-3/4-DN19	3/4"	3/4"
SFL3-1-DN19	1"	3/4"
SFL3-1-DN25	1"	1"
SFL3-1 1/4-DN25	1.1/4"	1"
SFL3-1 1/4-DN31	1.1/4"	1.1/4"
SFL3-1 1/2-DN31	1.1/2"	1.1/4"
SFL3-1 1/2-DN38	1.1/2"	1.1/2"
SFL3-2-DN38	2"	1.1/2"
SFL3-2-DN51	2"	2"

Tech Sheet 60618



90° Flanges

0044	Flange ND	To Suit Hose ID
SFL3-1/2-90-DN12	1/2"	1/2"
SFL3-1/2-90-DN16	1/2"	5/8"
SFL3-3/4-90-DN12	3/4"	1/2"
SFL3-3/4-90-DN16	3/4"	5/8"
SFL3-3/4-90-DN19	3/4"	3/4"
SFL3-1-90-DN19	1"	3/4"
SFL3-1-90-DN25	1"	1"
SFL3-1 1/4-90-DN25	1.1/4"	1"
SFL3-1 1/4-90-DN31	1.1/4"	1.1/4"
SFL3-1 1/2-90-DN31	1.1/2"	1.1/4"
SFL3-1 1/2-90-DN38	1.1/2"	1.1/2"
SFL3-2-90-DN38	2"	1.1/2"
SFL3-2-90-DN51	2"	2"

Tech Sheet 60620



45° Flanges

0044	Flange ND	To Suit Hose ID
SFL3-1/2-45-DN12	1/2"	1/2"
SFL3-1/2-45-DN16	1/2"	5/8"
SFL3-3/4-45-DN12	3/4"	1/2"
SFL3-3/4-45-DN16	3/4"	5/8"
SFL3-3/4-45-DN19	3/4"	3/4"
SFL3-1-45-DN19	1"	3/4"
SFL3-1-45-DN25	1"	1"
SFL3-1 1/4-45-DN25	1.1/4"	1"
SFL3-1 1/4-45-DN31	1.1/4"	1.1/4"
SFL3-1 1/2-45-DN31	1.1/2"	1.1/4"
SFL3-1 1/2-45-DN38	1.1/2"	1.1/2"
SFL3-2-45-DN38	2"	1.1/2"
SFL3-2-45-DN51	2"	2"

Tech Sheet 60619

SAE 6000 psi (6k)



Straight Flanges

0044	Flange ND	To Suit Hose ID
SFS6-1/2-DN12	1/2"	1/2"
SFS6-1/2-DN16	1/2"	5/8"
SFS6-3/4-DN12	3/4"	1/2"
SFS6-3/4-DN16	3/4"	5/8"
SFS6-3/4-DN19	3/4"	3/4"
SFS6-1-DN19	1"	3/4"
SFS6-1-DN25	1"	1"
SFS6-1 1/4-DN25	1.1/4"	1"
SFS6-1 1/4-DN31	1.1/4"	1.1/4"
SFS6-1 1/2-DN31	1.1/2"	1.1/4"
SFS6-1 1/2-DN38	1.1/2"	1.1/2"
SFS6-2-DN38	2"	1.1/2"
SFS6-2-DN51	2"	2"

Tech Sheet 60618



90° Flanges

0044	Flange ND	To Suit Hose ID
SFS6-1/2-90-DN12	1/2"	1/2"
SFS6-1/2-90-DN16	1/2"	5/8"
SFS6-3/4-90-DN12	3/4"	1/2"
SFS6-3/4-90-DN16	3/4"	5/8"
SFS6-3/4-90-DN19	3/4"	3/4"
SFS6-1-90-DN19	1"	3/4"
SFS6-1-90-DN25	1"	1"
SFS6-1 1/4-90-DN25	1.1/4"	1"
SFS6-1 1/4-90-DN31	1.1/4"	1.1/4"
SFS6-1 1/2-90-DN31	1.1/2"	1.1/4"
SFS6-1 1/2-90-DN38	1.1/2"	1.1/2"
SFS6-2-90-DN38	2"	1.1/2"
SFS6-2-90-DN51	2"	2"

Tech Sheet 60620



45° Flanges

0044	Flange ND	To Suit Hose ID
SFS6-1/2-45-DN12	1/2"	1/2"
SFS6-1/2-45-DN16	1/2"	5/8"
SFS6-3/4-45-DN12	3/4"	1/2"
SFS6-3/4-45-DN16	3/4"	5/8"
SFS6-3/4-45-DN19	3/4"	3/4"
SFS6-1-45-DN19	1"	3/4"
SFS6-1-45-DN25	1"	1"
SFS6-1 1/4-45-DN25	1.1/4"	1"
SFS6-1 1/4-45-DN31	1.1/4"	1.1/4"
SFS6-1 1/2-45-DN31	1.1/2"	1.1/4"
SFS6-1 1/2-45-DN38	1.1/2"	1.1/2"
SFS6-2-45-DN38	2"	1.1/2"
SFS6-2-45-DN51	2"	2"

Tech Sheet 60619

Split Flanges

0044	Flange Size	Bolt Type Metric	Bolt Type UNC
FLH-3-1/2	1/2"	M8 x 25	5/16" x 1.1/4"
FLH-3-3/4	3/4"	M10 x 30	3/8" x 1.1/4"
FLH-3-1	1"	M10 x 30	3/8" x 1.1/4"
FLH-3-1.1/4	1.1/4"	M10 x 30	7/16" x 1.1/2"
FLH-3-1.1/2	1.1/2"	M12 x 35	1/2" x 1.1/2"
FLH-3-2	2"	M12 x 35	1/2" x 1.1/2"

Tech Sheet 60617

0044	Flange Size	Bolt Type Metric	Bolt Type UNC
FLH-6-1/2	1/2"	M8 x 30	5/16" x 1.1/4"
FLH-6-3/4	3/4"	M10 x 35	3/8" x 1.1/4"
FLH-6-1	1"	M12 x 45	-
FLH-6-1.1/4	1.1/4"	M14 x 50	-
FLH-6-1.1/2	1.1/2"	M16 x 55	5/8" x 2"
FLH-6-2	2"	M20 x 65	3/4" x 2.1/2"

Tech Sheet 60617

Sold as a half, two halves required for each flange insert.

Sold as a half, two halves required for each flange insert.

Bolts, washers and O-rings are not included and must be purchased separately

316 STAINLESS STEEL DIN EN ISO 8434-1 TUBE FITTINGS (FORMERLY DIN 2353)

stainless
steel



Stainless Steel 1.4571 Working Temperature: -60°C to +400°C (DIN 17 440, AD W 10)

Seal Working Temperature: -20°C to +200°C (FPM/Viton)



Male Stud Couplings



L Series, BSPP (Captive Seal)

0291	OD mm	Thread
GE-6L-2EO	6	1/8"
GE-6L-4EO	6	1/4"
GE-6L-6EO	6	3/8"
GE-6L-8EO	6	1/2"
GE-8L-2EO	8	1/8"
GE-8L-4EO	8	1/4"
GE-8L-6EO	8	3/8"
GE-8L-8EO	8	1/2"
GE-10L-2EO	10	1/8"
GE-10L-4EO	10	1/4"
GE-10L-6EO	10	3/8"
GE-10L-8EO	10	1/2"
GE-10L-12EO	10	3/4"
GE-12L-2EO	12	1/8"
GE-12L-4EO	12	1/4"
GE-12L-6EO	12	3/8"
GE-12L-8EO	12	1/2"
GE-12L-12EO	12	3/4"
GE-15L-4EO	15	1/4"
GE-15L-6EO	15	3/8"
GE-15L-8EO	15	1/2"
GE-15L-12EO	15	3/4"
GE-15L-16EO	15	1"
GE-18L-6EO	18	3/8"
GE-18L-8EO	18	1/2"
GE-18L-12EO	18	3/4"
GE-18L-16EO	18	1"
GE-22L-6EO	22	3/8"
GE-22L-8EO	22	1/2"
GE-22L-12EO	22	3/4"
GE-22L-16EO	22	1"
GE-22L-20EO	22	1.1/4"
GE-28L-8EO	28	1/2"
GE-28L-12EO	28	3/4"
GE-28L-16EO	28	1"
GE-28L-20EO	28	1.1/4"
GE-28L-24EO	28	1.1/2"
GE-35L-12EO	35	3/4"
GE-35L-16EO	35	1"
GE-35L-20EO	35	1.1/4"
GE-35L-24EO	35	1.1/2"
GE-42L-16EO	42	1"
GE-42L-20EO	42	1.1/4"
GE-42L-24EO	42	1.1/2"
GE-42L-32EO	42	2"

Tech Sheet 10585

S Series, BSPP (Captive Seal)

0291	OD mm	Thread
GE-6S-2EO	6	1/8"
GE-6S-4EO	6	1/4"
GE-6S-6EO	6	3/8"
GE-6S-8EO	6	1/2"
GE-8S-2EO	8	1/8"
GE-8S-4EO	8	1/4"
GE-8S-6EO	8	3/8"
GE-8S-8EO	8	1/2"
GE-10S-2EO	10	1/8"
GE-10S-4EO	10	1/4"
GE-10S-6EO	10	3/8"
GE-10S-8EO	10	1/2"
GE-10S-12EO	10	3/4"
GE-12S-4EO	12	1/4"
GE-12S-6EO	12	3/8"
GE-12S-8EO	12	1/2"
GE-12S-12EO	12	3/4"
GE-14S-6EO	14	3/8"
GE-14S-8EO	14	1/2"
GE-14S-12EO	14	3/4"
GE-16S-4EO	16	1/4"
GE-16S-6EO	16	3/8"
GE-16S-8EO	16	1/2"
GE-16S-12EO	16	3/4"
GE-16S-16EO	16	1"
GE-20S-6EO	20	3/8"
GE-20S-8EO	20	1/2"
GE-20S-12EO	20	3/4"
GE-20S-16EO	20	1"
GE-20S-20EO	20	1.1/4"
GE-25S-8EO	25	1/2"
GE-25S-12EO	25	3/4"
GE-25S-16EO	25	1"
GE-25S-20EO	25	1.1/4"
GE-30S-12EO	30	3/4"
GE-30S-16EO	30	1"
GE-30S-20EO	30	1.1/4"
GE-30S-24EO	30	1.1/2"
GE-38S-16EO	38	1"
GE-38S-20EO	38	1.1/4"
GE-38S-24EO	38	1.1/2"

Tech Sheet 10585

L Series, Metric (Captive Seal)

0291	OD mm	Thread
GE-6L-10MEO	6	M10 x 1
GE-6L-12MEO	6	M12 x 1.5
GE-6L-14MEO	6	M14 x 1.5
GE-8L-10MEO	8	M10 x 1.0
GE-8L-12MEO	8	M12 x 1.5
GE-8L-14MEO	8	M14 x 1.5
GE-8L-16MEO	8	M16 x 1.5
GE-8L-18MEO	8	M18 x 1.5
GE-10L-10MEO	10	M10 x 1.0
GE-10L-12MEO	10	M12 x 1.5
GE-10L-14MEO	10	M14 x 1.5
GE-10L-16MEO	10	M16 x 1.5
GE-10L-18MEO	10	M18 x 1.5
GE-10L-22MEO	10	M22 x 1.5
GE-12L-12MEO	12	M12 x 1.5
GE-12L-14MEO	12	M14 x 1.5
GE-12L-16MEO	12	M16 x 1.5
GE-12L-18MEO	12	M18 x 1.5
GE-12L-22MEO	12	M22 x 1.5
GE-15L-16MEO	15	M16 x 1.5
GE-15L-18MEO	15	M18 x 1.5
GE-15L-22MEO	15	M22 x 1.5
GE-18L-18MEO	18	M18 x 1.5
GE-18L-22MEO	18	M22 x 1.5
GE-18L-26MEO	18	M26 x 1.5
GE-22L-22MEO	22	M22 x 1.5
GE-22L-26MEO	22	M26 x 1.5
GE-28L-33MEO	28	M33 x 2
GE-35L-42MEO	35	M42 x 2.0
GE-42L-48MEO	42	M48 x 2.0

Tech Sheet 10586

S Series, Metric (Captive Seal)

0291	OD mm	Thread
GE-6S-12MEO	6	M12 x 1.5
GE-6S-14MEO	6	M14 x 1.5
GE-8S-12MEO	8	M12 x 1.5
GE-8S-14MEO	8	M14 x 1.5
GE-8S-16MEO	8	M16 x 1.5
GE-10S-14MEO	10	M14 x 1.5
GE-10S-16MEO	10	M16 x 1.5
GE-10S-18MEO	10	M18 x 1.5
GE-12S-14MEO	12	M14 x 1.5
GE-12S-16MEO	12	M16 x 1.5
GE-12S-18MEO	12	M18 x 1.5
GE-12S-20MEO	12	M20 x 1.5
GE-12S-22MEO	12	M22 x 1.5
GE-14S-20MEO	14	M20 x 1.5
GE-14S-22MEO	14	M22 x 1.5
GE-16S-18MEO	16	M18 x 1.5
GE-16S-22MEO	16	M22 x 1.5
GE-20S-27MEO	20	M27 x 2
GE-25S-33MEO	25	M33 x 2
GE-30S-42MEO	30	M42 x 2
GE-38S-48MEO	38	M48 x 2

Tech Sheet 10586

For **Stainless Steel Bonded Seals**
see pages 109-112



316 STAINLESS STEEL DIN EN ISO 8434-1 TUBE FITTINGS (FORMERLY DIN 2353)

stainless
steel



Stainless Steel 1.4571 Working Temperature: -60°C to +400°C (DIN 17 440, AD W 10)

Seal Working Temperature: -20°C to +200°C (FPM/Viton)



Male Stud Couplings



L Series, BSPP, Form B Sealing

0291	OD mm	Thread
GE-6L-2RP	6	1/8"
GE-6L-4RP	6	1/4"
GE-6L-6RP	6	3/8"
GE-6L-8RP	6	1/2"
GE-8L-2RP	8	1/8"
GE-8L-4RP	8	1/4"
GE-8L-6RP	8	3/8"
GE-8L-8RP	8	1/2"
GE-10L-2RP	10	1/8"
GE-10L-4RP	10	1/4"
GE-10L-6RP	10	3/8"
GE-10L-8RP	10	1/2"
GE-10L-12RP	10	3/4"
GE-12L-2RP	12	1/8"
GE-12L-4RP	12	1/4"
GE-12L-6RP	12	3/8"
GE-12L-8RP	12	1/2"
GE-12L-12RP	12	3/4"
GE-15L-4RP	15	1/4"
GE-15L-6RP	15	3/8"
GE-15L-8RP	15	1/2"
GE-15L-12RP	15	3/4"
GE-18L-6RP	18	3/8"
GE-18L-8RP	18	1/2"
GE-18L-12RP	18	3/4"
GE-18L-16RP	18	1"
GE-22L-6RP	22	3/8"
GE-22L-8RP	22	1/2"
GE-22L-12RP	22	3/4"
GE-22L-16RP	22	1"
GE-22L-20RP	22	1.1/4"
GE-28L-8RP	28	1/2"
GE-28L-12RP	28	3/4"
GE-28L-16RP	28	1"
GE-28L-20RP	28	1.1/4"
GE-28L-24RP	28	1.1/2"
GE-35L-12RP	35	3/4"
GE-35L-16RP	35	1"
GE-35L-20RP	35	1.1/4"
GE-35L-24RP	35	1.1/2"
GE-42L-16RP	42	1"
GE-42L-20RP	42	1.1/4"
GE-42L-24RP	42	1.1/2"

Tech Sheet 20796

S Series, BSPP, Form B Sealing

0291	OD mm	Thread
GE-6S-2RP	6	1/8"
GE-6S-4RP	6	1/4"
GE-6S-6RP	6	3/8"
GE-6S-8RP	6	1/2"
GE-8S-2RP	8	1/8"
GE-8S-4RP	8	1/4"
GE-8S-6RP	8	3/8"
GE-8S-8RP	8	1/2"
GE-10S-2RP	10	1/8"
GE-10S-4RP	10	1/4"
GE-10S-6RP	10	3/8"
GE-10S-8RP	10	1/2"
GE-10S-12RP	10	3/4"
GE-12S-4RP	12	1/4"
GE-12S-6RP	12	3/8"
GE-12S-8RP	12	1/2"
GE-12S-12RP	12	3/4"
GE-14S-4RP	14	1/4"
GE-14S-6RP	14	3/8"
GE-14S-8RP	14	1/2"
GE-14S-12RP	14	3/4"
GE-16S-4RP	16	1/4"
GE-16S-6RP	16	3/8"
GE-16S-8RP	16	1/2"
GE-16S-12RP	16	3/4"
GE-16S-16RP	16	1"
GE-20S-6RP	20	3/8"
GE-20S-8RP	20	1/2"
GE-20S-12RP	20	3/4"
GE-20S-16RP	20	1"
GE-20S-20RP	20	1.1/4"
GE-25S-8RP	25	1/2"
GE-25S-12RP	25	3/4"
GE-25S-16RP	25	1"
GE-25S-20RP	25	1.1/4"
GE-30S-12RP	30	3/4"
GE-30S-16RP	30	1"
GE-30S-20RP	30	1.1/4"
GE-30S-24RP	30	1.1/2"
GE-38S-16RP	38	1"
GE-38S-20RP	38	1.1/4"
GE-38S-24RP	38	1.1/2"

Tech Sheet 20796

L Series, Metric Parallel, Form B Sealing

0291	OD mm	Thread
GE-6L-10MPB	6	M10 x 1
GE-6L-12MPB	6	M12 x 1.5
GE-6L-14MPB	6	M14 x 1.5
GE-8L-10MPB	8	M10 x 1.0
GE-8L-12MPB	8	M12 x 1.5
GE-8L-14MPB	8	M14 x 1.5
GE-8L-18MPB	8	M18 x 1.5
GE-8L-16MPB	8	M16 x 1.5
GE-10L-10MPB	10	M16 x 1.5
GE-10L-14MPB	10	M14 x 1.5
GE-10L-12MPB	10	M12 x 1.5
GE-10L-16MPB	10	M16 x 1.5
GE-10L-18MPB	10	M18 x 1.5
GE-10L-22MPB	10	M22 x 1.5
GE-12L-14MPB	12	M14 x 1.5
GE-12L-12MPB	12	M12 x 1.5
GE-12L-16MPB	12	M16 x 1.5
GE-12L-18MPB	12	M18 x 1.5
GE-12L-22MPB	12	M22 x 1.5
GE-15L-16MPB	15	M16 x 1.5
GE-15L-18MPB	15	M18 x 1.5
GE-15L-22MPB	15	M22 x 1.5
GE-18L-18MPB	18	M18 x 1.5
GE-18L-22MPB	18	M22 x 1.5
GE-18L-26MPB	18	M26 x 1.5
GE-22L-22MPB	22	M22 x 1.5
GE-22L-26MPB	22	M26 x 1.5
GE-28L-33MPB	28	M33 x 1.5
GE-35L-42MPB	35	M42 x 2
GE-42L-48MPB	42	M48 x 2

Tech Sheet 10587

S Series, Metric Parallel, Form B Sealing

0291	OD mm	Thread
GE-6S-12MPB	6	M12 x 1.5
GE-6S-14MPB	6	M14 x 1.5
GE-8S-14MPB	8	M14 x 1.5
GE-10S-16MPB	10	M16 x 1.5
GE-10S-18MPB	10	M18 x 1.5
GE-12S-14MPB	12	M14 x 1.5
GE-12S-16MPB	12	M16 x 1.5
GE-12S-18MPB	12	M18 x 1.5
GE-12S-22MPB	12	M22 x 1.5
GE-14S-20MPB	14	M20 x 1.5
GE-16S-18MPB	16	M18 x 1.5
GE-16S-22MPB	16	M22 x 1.5
GE-20S-27MPB	20	M27 x 2
GE-25S-33MPB	25	M33 x 2
GE-30S-42MPB	30	M42 x 2
GE-38S-48MPB	38	M48 x 2

Tech Sheet 10587

316 STAINLESS STEEL DIN EN ISO 8434-1 TUBE FITTINGS (FORMERLY DIN 2353)

stainless
steel



Stainless Steel 1.4571 Working Temperature:
-60°C to +400°C (DIN 17 440, AD W 10)

Seal Working Temperature:
-20°C to +200°C (FPM/Viton)



Male Stud Couplings

L Series, BSPT

0291	OD mm	Thread
GE-6L-2RT	6	1/8"
GE-6L-4RT	6	1/4"
GE-6L-6RT	6	3/8"
GE-6L-8RT	6	1/2"
GE-8L-2RT	8	1/8"
GE-8L-4RT	8	1/4"
GE-8L-6RT	8	3/8"
GE-8L-8RT	8	1/2"
GE-10L-2RT	10	1/8"
GE-10L-4RT	10	1/4"
GE-10L-6RT	10	3/8"
GE-10L-8RT	10	1/2"
GE-12L-2RT	12	1/8"
GE-12L-4RT	12	1/4"
GE-12L-6RT	12	3/8"
GE-12L-8RT	12	1/2"
GE-12L-12RT	12	3/4"
GE-15L-4RT	15	1/4"
GE-15L-6RT	15	3/8"
GE-15L-8RT	15	1/2"
GE-15L-12RT	15	3/4"
GE-18L-6RT	18	3/8"
GE-18L-8RT	18	1/2"
GE-18L-12RT	18	3/4"
GE-22L-6RT	22	3/8"
GE-22L-8RT	22	1/2"
GE-22L-12RT	22	3/4"
GE-22L-16RT	22	1"
GE-28L-8RT	28	1/2"
GE-28L-12RT	28	3/4"
GE-28L-16RT	28	1"
GE-28L-20RT	28	1.1/4"
GE-35L-16RT	35	1"
GE-35L-20RT	35	1.1/4"
GE-35L-24RT	35	1.1/2"
GE-42L-20RT	42	1.1/4"
GE-42L-24RT	42	1.1/2"

Tech Sheet 10588

S Series, BSPT

0291	OD mm	Thread
GE-6S-2RT	6	1/8"
GE-6S-4RT	6	1/4"
GE-6S-6RT	6	3/8"
GE-8S-2RT	8	1/8"
GE-8S-4RT	8	1/4"
GE-8S-6RT	8	3/8"
GE-10S-4RT	10	1/4"
GE-10S-6RT	10	3/8"
GE-12S-4RT	12	1/4"
GE-12S-6RT	12	3/8"
GE-12S-8RT	12	1/2"
GE-14S-6RT	14	3/8"
GE-14S-8RT	14	1/2"
GE-16S-6RT	16	3/8"
GE-16S-8RT	16	1/2"
GE-16S-12RT	16	3/4"
GE-20S-8RT	20	1/2"
GE-20S-12RT	20	3/4"
GE-25S-12RT	25	3/4"
GE-25S-16RT	25	1"
GE-30S-20RT	30	1.1/4"
GE-38S-24RT	38	1.1/2"

Tech Sheet 10588



L Series, NPT

0291	OD mm	Thread
GE-6L-2N	6	1/8"
GE-6L-4N	6	1/4"
GE-6L-6N	6	3/8"
GE-6L-8N	6	1/2"
GE-8L-2N	8	1/8"
GE-8L-4N	8	1/4"
GE-8L-6N	8	3/8"
GE-8L-8N	8	1/2"
GE-10L-2N	10	1/8"
GE-10L-4N	10	1/4"
GE-10L-6N	10	3/8"
GE-10L-8N	10	1/2"
GE-10L-12N	10	3/4"
GE-12L-2N	12	1/8"
GE-12L-4N	12	1/4"
GE-12L-6N	12	3/8"
GE-12L-8N	12	1/2"
GE-12L-12N	12	3/4"
GE-15L-4N	15	1/4"
GE-15L-6N	15	3/8"
GE-15L-8N	15	1/2"
GE-15L-12N	15	3/4"
GE-18L-6N	18	3/8"
GE-18L-8N	18	1/2"
GE-18L-12N	18	3/4"
GE-18L-16N	18	1"
GE-22L-6N	22	3/8"
GE-22L-8N	22	1/2"
GE-22L-12N	22	3/4"
GE-22L-16N	22	1"
GE-22L-20N	22	1.1/4"
GE-28L-8N	28	1/2"
GE-28L-12N	28	3/4"
GE-28L-16N	28	1"
GE-28L-20N	28	1.1/4"
GE-35L-16N	35	1"
GE-35L-20N	35	1.1/4"
GE-35L-24N	35	1.1/2"
GE-42L-16N	42	1"
GE-42L-20N	42	1.1/4"
GE-42L-24N	42	1.1/2"

Tech Sheet 10589

S Series, NPT

0291	OD mm	Thread
GE-6S-2N	6	1/8"
GE-6S-4N	6	1/4"
GE-6S-6N	6	3/8"
GE-6S-8N	6	1/2"
GE-8S-2N	8	1/8"
GE-8S-4N	8	1/4"
GE-8S-6N	8	3/8"
GE-8S-8N	8	1/2"
GE-10S-2N	10	1/8"
GE-10S-4N	10	1/4"
GE-10S-6N	10	3/8"
GE-10S-8N	10	1/2"
GE-10S-12N	10	3/4"
GE-12S-4N	12	1/4"
GE-12S-6N	12	3/8"
GE-12S-8N	12	1/2"
GE-12S-12N	12	3/4"
GE-14S-6N	14	3/8"
GE-14S-8N	14	1/2"
GE-14S-12N	14	3/4"
GE-16S-6N	16	3/8"
GE-16S-8N	16	1/2"
GE-16S-12N	16	3/4"
GE-16S-16N	16	1"
GE-20S-6N	20	3/8"
GE-20S-12N	20	3/4"
GE-20S-16N	20	1"
GE-20S-20N	20	1.1/4"
GE-25S-8N	25	1/2"
GE-25S-12N	25	3/4"
GE-25S-16N	25	1"
GE-25S-20N	25	1.1/4"
GE-30S-12N	30	3/4"
GE-30S-16N	30	1"
GE-30S-20N	30	1.1/4"
GE-30S-24N	30	1.1/2"
GE-38S-16N	38	1"
GE-38S-20N	38	1.1/4"
GE-38S-24N	38	1.1/2"

Tech Sheet 10589

stainless
steel



For Stainless Steel
Component parts
see page 1255

316 STAINLESS STEEL DIN EN ISO 8434-1 TUBE FITTINGS (FORMERLY DIN 2353)

stainless
steel



Stainless Steel 1.4571 Working Temperature: -60°C to +400°C (DIN 17 440, AD W 10)

Seal Working Temperature: -20°C to +200°C (FPM/Viton)



Male Stud Couplings



L Series, UNF, O-Ring Sealing

0291	OD mm	Thread
GE-6L-7/16UNF	6	7/16"
GE-6L-1/2UNF	6	1/2"
GE-6L-9/16UNF	6	9/16"
GE-8L-7/16UNF	8	7/16"
GE-8L-1/2UNF	8	1/2"
GE-8L-9/16UNF	8	9/16"
GE-10L-7/16UNF	10	7/16"
GE-10L-1/2UNF	10	1/2"
GE-10L-9/16UNF	10	9/16"
GE-10L-3/4UNF	10	3/4"
GE-12L-9/16UNF	12	9/16"
GE-12L-3/4UNF	12	3/4"
GE-12L-7/8UNF	12	7/8"
GE-15L-9/16UNF	15	9/16"
GE-15L-3/4UNF	15	3/4"
GE-15L-7/8UNF	15	7/8"
GE-18L-3/4UNF	18	3/4"
GE-18L-7/8UNF	18	7/8"
GE-18L-11/16UNF	18	1.1/16"
GE-22L-3/4UNF	22	3/4"
GE-22L-7/8UNF	22	7/8"
GE-22L-11/16UNF	22	1.1/16"
GE-22L-15/16UNF	22	1.5/16"
GE-28L-11/16UNF	28	1.1/16"
GE-28L-15/16UNF	28	1.5/16"
GE-28L-15/8UNF	28	1.5/8"
GE-35L-15/16UNF	35	1.5/16"
GE-35L-15/8UNF	35	1.5/8"
GE-42L-15/8UNF	42	1.5/8"
GE-42L-17/8UNF	42	1.7/8"

Tech Sheet 20797

S Series, UNF, O-Ring Sealing

0291	OD mm	Thread
GE-6S-7/16UNF	6	7/16"
GE-8S-1/2UNF	8	1/2"
GE-8S-7/16UNF	8	7/16"
GE-8S-9/16UNF	8	9/16"
GE-10S-3/4UNF	10	3/4"
GE-12S-9/16UNF	12	9/16"
GE-12S-3/4UNF	12	3/4"
GE-12S-7/8UNF	12	7/8"
GE-14S-3/4UNF	14	3/4"
GE-16S-3/4UNF	16	3/4"
GE-16S-7/8UNF	16	7/8"
GE-16S-11/16UNF	16	1.1/16"
GE-20S-3/4UNF	20	3/4"
GE-20S-7/8UNF	20	7/8"
GE-20S-11/16UNF	20	1.1/16"
GE-20S-15/16UNF	20	1.5/16"
GE-25S-11/16UNF	25	1.1/16"
GE-25S-15/16UNF	25	1.5/16"
GE-30S-11/16UNF	30	1.1/16"
GE-30S-15/16UNF	30	1.5/16"
GE-30S-15/8UNF	30	1.5/8"
GE-38S-15/8UNF	38	1.5/8"
GE-38S-17/8UNF	38	1.7/8"

Female Stud Couplings



L Series, BSPP

0291	OD mm	Thread
GAI-6L-2RG	6	1/8"
GAI-6L-4RG	6	1/4"
GAI-6L-6RG	6	3/8"
GAI-6L-8RG	6	1/2"
GAI-8L-2RG	8	1/8"
GAI-8L-4RG	8	1/4"
GAI-8L-6RG	8	3/8"
GAI-8L-8RG	8	1/2"
GAI-10L-2RG	10	1/8"
GAI-10L-4RG	10	1/4"
GAI-10L-6RG	10	3/8"
GAI-10L-8RG	10	1/2"
GAI-12L-4RG	12	1/4"
GAI-12L-6RG	12	3/8"
GAI-12L-8RG	12	1/2"
GAI-15L-6RG	15	3/8"
GAI-15L-8RG	15	1/2"
GAI-15L-12RG	15	3/4"
GAI-18L-6RG	18	3/8"
GAI-18L-8RG	18	1/2"
GAI-18L-12RG	18	3/4"
GAI-22L-8RG	22	1/2"
GAI-22L-12RG	22	3/4"
GAI-28L-16RG	28	1"
GAI-35L-20RG	35	1.1/4"
GAI-42L-24RG	42	1.1/2"

Tech Sheet 10590

S Series, BSPP

0291	OD mm	Thread
GAI-6S-4RG	6	1/4"
GAI-8S-4RG	8	1/4"
GAI-8S-6RG	8	3/8"
GAI-8S-8RG	8	1/2"
GAI-10S-6RG	10	3/8"
GAI-10S-8RG	10	1/2"
GAI-12S-4RG	12	1/4"
GAI-12S-6RG	12	3/8"
GAI-12S-8RG	12	1/2"
GAI-14S-6RG	14	3/8"
GAI-14S-8RG	14	1/2"
GAI-16S-6RG	16	3/8"
GAI-16S-8RG	16	1/2"
GAI-20S-8RG	20	1/2"
GAI-20S-12RG	20	3/4"
GAI-25S-12RG	25	3/4"
GAI-25S-16RG	25	1"
GAI-30S-20RG	30	1.1/4"
GAI-38S-24RG	38	1.1/2"

L Series, NPT

0291	OD mm	Thread
GAI-6L-2N	6	1/8"
GAI-6L-4N	6	1/4"
GAI-8L-4N	8	1/4"
GAI-10L-4N	10	1/4"
GAI-10L-6N	10	3/8"
GAI-10L-8N	10	1/2"
GAI-12L-4N	12	1/4"
GAI-12L-6N	12	3/8"
GAI-12L-8N	12	1/2"
GAI-15L-8N	15	1/2"
GAI-18L-8N	18	1/2"
GAI-22L-12N	22	3/4"
GAI-28L-16N	28	1"
GAI-35L-20N	35	1.1/4"
GAI-42L-24N	42	1.1/2"

S Series, NPT

0291	OD mm	Thread
GAI-6S-4N	6	1/4"
GAI-8S-4N	8	1/4"
GAI-10S-6N	10	3/8"
GAI-12S-6N	12	3/8"
GAI-12S-8N	12	1/2"
GAI-14S-8N	14	1/2"
GAI-16S-6N	16	3/8"
GAI-16S-8N	16	1/2"
GAI-20S-12N	20	3/4"
GAI-25S-16N	25	1"
GAI-30S-20N	30	1.1/4"
GAI-38S-24N	38	1.1/2"

316 STAINLESS STEEL DIN EN ISO 8434-1 TUBE FITTINGS (FORMERLY DIN 2353)

stainless
steel



Stainless Steel 1.4571 Working Temperature:
-60°C to +400°C (DIN 17 440, AD W 10)

Seal Working Temperature:
-20°C to +200°C (FPM/Viton)



Straight Stud Standpipes



L Series, BSPP (Captive Seal)

0291	OD mm	Thread
EVGE-6L-2EO	6	1/8"
EVGE-8L-4EO	8	1/4"
EVGE-8L-6EO	8	3/8"
EVGE-10L-4EO	10	1/4"
EVGE-10L-6EO	10	3/8"
EVGE-10L-8EO	10	1/2"
EVGE-12L-4EO	12	1/4"
EVGE-12L-6EO	12	3/8"
EVGE-12L-8EO	12	1/2"
EVGE-15L-6EO	15	3/8"
EVGE-15L-8EO	15	1/2"
EVGE-18L-6EO	18	3/8"
EVGE-18L-8EO	18	1/2"
EVGE-18L-12EO	18	3/4"
EVGE-22L-6EO	22	3/8"
EVGE-22L-8EO	22	1/2"
EVGE-22L-12EO	22	3/4"
EVGE-28L-12EO	28	3/4"
EVGE-28L-16EO	28	1"
EVGE-35L-20EO	35	1.1/4"
EVGE-42L-24EO	42	1.1/2"

Tech Sheet 10591

S Series, BSPP (Captive Seal)

0291	OD mm	Thread
EVGE-6S-2EO	6	1/8"
EVGE-6S-4EO	6	1/4"
EVGE-8S-4EO	8	1/4"
EVGE-8S-6EO	8	3/8"
EVGE-10S-4EO	10	1/4"
EVGE-10S-6EO	10	3/8"
EVGE-10S-8EO	10	1/2"
EVGE-12S-4EO	12	1/4"
EVGE-12S-6EO	12	3/8"
EVGE-12S-8EO	12	1/2"
EVGE-14S-8EO	14	1/2"
EVGE-16S-6EO	16	3/8"
EVGE-16S-8EO	16	1/2"
EVGE-16S-12EO	16	3/4"
EVGE-20S-8EO	20	1/2"
EVGE-20S-12EO	20	3/4"
EVGE-25S-12EO	25	3/4"
EVGE-25S-16EO	25	1"
EVGE-30S-20EO	30	1.1/4"
EVGE-38S-24EO	38	1.1/2"

Tech Sheet 10591

L Series, Metric Parallel (Captive Seal)

0291	OD mm	Thread
EVGE-6L-10MEO	6	M10 x 1
EVGE-8L-12MEO	8	M12 x 1.5
EVGE-10L-14MEO	10	M14 x 1.5
EVGE-15L-18MEO	15	M18 x 1.5
EVGE-18L-22MEO	18	M22 x 1.5
EVGE-22L-26MEO	22	M26 x 1.5
EVGE-28L-33MEO	28	M33 x 2
EVGE-35L-42MEO	35	M42 x 2
EVGE-42L-48MEO	42	M48 x 2

Tech Sheet 10592

S Series, Metric Parallel (Captive Seal)

0291	OD mm	Thread
EVGE-6S-12MEO	6	M12 x 1.5
EVGE-8S-14MEO	8	M14 x 1.5
EVGE-10S-16MEO	10	M16 x 1.5
EVGE-12S-18MEO	12	M18 x 1.5
EVGE-14S-20MEO	14	M20 x 1.5
EVGE-16S-22MEO	16	M22 x 1.5
EVGE-20S-27MEO	20	M27 x 2
EVGE-30S-42MEO	30	M42 x 2
EVGE-38S-48MEO	38	M48 x 2

Tech Sheet 10592

Reducing Adaptors



Male x Female, BSPP

0291	OD mm	Thread
GRI-2-4RG	1/8"	1/4"
GRI-2-6RG	1/8"	3/8"
GRI-4-2RG	1/4"	1/8"
GRI-4-6RG	1/4"	3/8"
GRI-4-8RG	1/4"	1/2"
GRI-4-12RG	1/4"	3/4"
GRI-6-4RG	3/8"	1/4"
GRI-6-8RG	3/8"	1/2"
GRI-6-12RG	3/8"	3/4"
GRI-6-16RG	3/8"	1"
GRI-8-6RG	1/2"	3/8"
GRI-8-12RG	1/2"	3/4"
GRI-8-16RG	1/2"	1"
GRI-8-20RG	1/2"	1.1/4"
GRI-12-8RG	3/4"	1/2"
GRI-12-16RG	3/4"	1"
GRI-12-20RG	3/4"	1.1/4"
GRI-12-24RG	3/4"	1.1/2"
GRI-16-12RG	1"	3/4"
GRI-16-20RG	1"	1.1/4"
GRI-16-24RG	1"	1.1/2"
GRI-20-16RG	1.1/4"	1"
GRI-24-20RG	1.1/2"	1.1/4"
GRI-20-24RG	1.1/4"	1.1/2"

Tech Sheet 10593

Reducing Bush



Male x Female, BSPP

0291	OD mm	Thread
GRI-6-2RG	3/8"	1/8"
GRI-8-2RG	1/2"	1/8"
GRI-8-4RG	1/2"	1/4"
GRI-12-2RG	3/4"	1/8"
GRI-12-4RG	3/4"	1/4"
GRI-12-6RG	3/4"	3/8"
GRI-16-4RG	1"	1/4"
GRI-16-6RG	1"	3/8"
GRI-16-8RG	1"	1/2"
GRI-20-6RG	1.1/4"	3/8"
GRI-20-8RG	1.1/4"	1/2"
GRI-20-12RG	1.1/4"	3/4"
GRI-24-8RG	1.1/2"	1/2"
GRI-24-12RG	1.1/2"	3/4"
GRI-24-16RG	1.1/2"	1"
GRI-32-8RG	2"	1/2"
GRI-32-12RG	2"	3/4"
GRI-32-16RG	2"	1"
GRI-32-20RG	2"	1.1/4"
GRI-32-24RG	2"	1.1/2"

Tech Sheet 10593

Adjustable Branch Tees



L Series, Metric, Female Thread

0291	OD mm	Thread
EVT-6L	6	M12 x 1.5
EVT-8L	8	M14 x 1.5
EVT-10L	10	M16 x 1.5
EVT-12L	12	M18 x 1.5
EVT-15L	15	M22 x 1.5
EVT-18L	18	M26 x 1.5
EVT-22L	22	M30 x 2
EVT-28L	28	M36 x 2
EVT-35L	35	M45 x 2
EVT-42L	42	M52 x 2

Tech Sheet 10594

S Series, Metric, Female Thread

0291	OD mm	Thread
EVT-6S	6	M14 x 1.5
EVT-8S	8	M16 x 1.5
EVT-10S	10	M18 x 1.5
EVT-12S	12	M20 x 1.5
EVT-14S	14	M22 x 1.5
EVT-16S	16	M24 x 1.5
EVT-20S	20	M30 x 2
EVT-25S	25	M36 x 2
EVT-30S	30	M42 x 2
EVT-38S	38	M52 x 2

Tech Sheet 10594

316 STAINLESS STEEL DIN EN ISO 8434-1 TUBE FITTINGS (FORMERLY DIN 2353)

stainless
steel



Stainless Steel 1.4571 Working Temperature: -60°C to +400°C (DIN 17 440, AD W 10)

Seal Working Temperature: -20°C to +200°C (FPM/Viton)



Adjustable Run Tees



L Series, Metric, Female Thread

0291	OD mm	Thread
EVL-6L	6	M12 x 1.5
EVL-8L	8	M14 x 1.5
EVL-10L	10	M16 x 1.5
EVL-12L	12	M18 x 1.5
EVL-15L	15	M22 x 1.5
EVL-18L	18	M26 x 1.5
EVL-22L	22	M30 x 2
EVL-28L	28	M36 x 2
EVL-35L	35	M45 x 2
EVL-42L	42	M52 x 2

Tech Sheet 10597

S Series, Metric, Female Thread

0291	OD mm	Thread
EVL-6S	6	M14 x 1.5
EVL-8S	8	M16 x 1.5
EVL-10S	10	M18 x 1.5
EVL-12S	12	M20 x 1.5
EVL-14S	14	M22 x 1.5
EVL-16S	16	M24 x 1.5
EVL-20S	20	M30 x 2
EVL-25S	25	M36 x 2
EVL-30S	30	M42 x 2
EVL-38S	38	M52 x 2

Tech Sheet 10597

Male Stud Elbows



L Series, BSPT

0291	OD mm	Thread
WE6L-2RT	6	1/8"
WE6L-4RT	6	1/4"
WE6L-6RT	6	3/8"
WE6L-8RT	6	1/2"
WE8L-2RT	8	1/8"
WE8L-4RT	8	1/4"
WE8L-6RT	8	3/8"
WE8L-8RT	8	1/2"
WE10L-2RT	10	1/8"
WE10L-4RT	10	1/4"
WE10L-6RT	10	3/8"
WE10L-8RT	10	1/2"
WE12L-2RT	12	1/8"
WE12L-4RT	12	1/4"
WE12L-6RT	12	3/8"
WE12L-8RT	12	1/2"
WE15L-4RT	15	1/4"
WE15L-6RT	15	3/8"
WE15L-8RT	15	1/2"
WE15L-12RT	15	3/4"
WE18L-6RT	18	3/8"
WE18L-8RT	18	1/2"
WE18L-12RT	18	3/4"
WE22L-8RT	22	1/2"
WE22L-12RT	22	3/4"
WE28L-16RT	28	1"
WE35L-20RT	35	1.1/4"

Tech Sheet 10600

S Series, BSPT

0291	OD mm	Thread
WE6S-2RT	6	1/8"
WE6S-4RT	6	1/4"
WE6S-6RT	6	3/8"
WE6S-8RT	6	1/2"
WE8S-4RT	8	1/4"
WE8S-6RT	8	3/8"
WE8S-8RT	8	1/2"
WE10S-4RT	10	1/4"
WE10S-6RT	10	3/8"
WE10S-8RT	10	1/2"
WE12S-4RT	12	1/4"
WE12S-6RT	12	3/8"
WE12S-8RT	12	1/2"
WE14S-6RT	14	3/8"
WE14S-8RT	14	1/2"
WE16S-6RT	16	3/8"
WE16S-8RT	16	1/2"
WE16S-12RT	16	3/4"
WE20S-8RT	20	1/2"
WE20S-12RT	20	3/4"

Tech Sheet 10600

L Series, NPT

0291	OD mm	Thread
WE6L-2N	6	1/8"
WE6L-4N	6	1/4"
WE6L-6N	6	3/8"
WE6L-8N	6	1/2"
WE8L-2N	8	1/8"
WE8L-4N	8	1/4"
WE8L-6N	8	3/8"
WE8L-8N	8	1/2"
WE10L-2N	10	1/8"
WE10L-4N	10	1/4"
WE10L-8N	10	1/2"
WE12L-4N	12	1/4"
WE12L-6N	12	3/8"
WE12L-8N	12	1/2"
WE15L-6N	15	3/8"
WE15L-8N	15	1/2"
WE15L-12N	15	3/4"
WE18L-6N	18	3/8"
WE18L-8N	18	1/2"
WE18L-12N	18	3/4"
WE22L-8N	22	1/2"
WE22L-12N	22	3/4"
WE28L-12N	28	3/4"
WE28L-16N	28	1"
WE35L-20N	35	1.1/4"
WE42L-24N	42	1.1/2"

Tech Sheet 10601

S Series, NPT

0291	OD mm	Thread
WE6S-4N	6	1/4"
WE6S-6N	6	3/8"
WE6S-8N	6	1/2"
WE8S-4N	8	1/4"
WE8S-6N	8	3/8"
WE8S-8N	8	1/2"
WE10S-4N	8	1/4"
WE10S-6N	10	3/8"
WE10S-8N	10	1/2"
WE12S-4N	12	1/4"
WE12S-6N	12	3/8"
WE12S-8N	12	1/2"
WE14S-6N	14	3/8"
WE14S-8N	14	1/2"
WE16S-6N	16	3/8"
WE16S-8N	16	1/2"
WE16S-12N	16	3/4"
WE20S-8N	20	1/2"
WE20S-12N	20	3/4"
WE25S-16N	25	1"
WE30S-20N	30	1.1/4"
WE38S-24N	38	1.1/2"

Tech Sheet 10601

stainless
steel



For Stainless Steel Tubing
see page 1287

HYDRAQUIP
HOSE & HYDRAULICS

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316 STAINLESS STEEL DIN EN ISO 8434-1 TUBE FITTINGS (FORMERLY DIN 2353)

stainless
steel



° Stainless Steel 1.4571 Working Temperature: -60°C to +400°C (DIN 17 440, AD W 10)

Seal Working Temperature: -20°C to +200°C (FPM/Viton)



Adjustable Elbows



L Series, Metric, Female Thread

0291	OD mm	Thread
EVW-6L	6	M12 x 1.5
EVW-8L	8	M14 x 1.5
EVW-10L	10	M16 x 1.5
EVW-12L	12	M18 x 1.5
EVW-15L	15	M22 x 1.5
EVW-18L	18	M26 x 1.5
EVW-22L	22	M30 x 2
EVW-28L	28	M36 x 2
EVW-35L	35	M45 x 2
EVW-42L	42	M52 x 2

Tech Sheet 10602

S Series, Metric, Female Thread

0291	OD mm	Thread
EVW-6S	6	M14 x 1.5
EVW-8S	8	M16 x 1.5
EVW-10S	10	M18 x 1.5
EVW-12S	12	M20 x 1.5
EVW-14S	14	M22 x 1.5
EVW-16S	16	M24 x 1.5
EVW-20S	20	M30 x 2
EVW-25S	25	M36 x 2
EVW-30S	30	M42 x 2
EVW-38S	38	M52 x 2

Tech Sheet 10602

Straights



L Series

0291	OD mm
G6-UL	6
G8-UL	8
G10-UL	10
G12-UL	12
G15-UL	15
G18-UL	18
G22-UL	22
G28-UL	28
G35-UL	35
G42-UL	42

Tech Sheet 10605

S Series

0291	OD mm
G6-US	6
G8-US	8
G10-US	10
G12-US	12
G14-US	14
G16-US	16
G20-US	20
G25-US	25
G30-US	30
G38-US	38

Tech Sheet 10605

Straight Reducers



L Series

0291	OD mm	OD mm
GR-8L-6L	8	6
GR-10L-6L	10	6
GR-10L-8L	10	8
GR-12L-6L	12	6
GR-12L-8L	12	8
GR-12L-10L	12	10
GR-15L-6L	15	6
GR-15L-8L	15	8
GR-15L-10L	15	10
GR-15L-12L	15	12
GR-18L-8L	18	8
GR-18L-10L	18	10
GR-18L-12L	18	12
GR-18L-15L	18	15
GR-22L-8L	22	8
GR-22L-10L	22	10
GR-22L-12L	22	12
GR-22L-15L	22	15
GR-22L-18L	22	18
GR-28L-10L	28	10
GR-28L-12L	28	12
GR-28L-15L	28	15
GR-28L-18L	28	18
GR-28L-22L	28	22
GR-35L-15L	35	15
GR-35L-18L	35	18
GR-35L-22L	35	22
GR-35L-28L	35	28
GR-42L-15L	42	15
GR-42L-18L	42	18
GR-42L-22L	42	22
GR-42L-28L	42	28
GR-42L-35L	42	35

Tech Sheet 10606

S Series

0291	OD mm	OD mm
GR-8S-6S	8	6
GR-10S-6S	10	6
GR-10S-8S	10	8
GR-12S-6S	12	6
GR-12S-8S	12	8
GR-12S-10S	12	10
GR-14S-6S	14	6
GR-14S-8S	14	8
GR-14S-10S	14	10
GR-14S-12S	14	12
GR-16S-6S	16	6
GR-16S-8S	16	8
GR-16S-10S	16	10
GR-16S-12S	16	12
GR-16S-14S	16	14
GR-20S-6S	20	6
GR-20S-8S	20	8
GR-20S-10S	20	10
GR-20S-12S	20	12
GR-20S-14S	20	14
GR-20S-16S	20	16
GR-25S-8S	25	8
GR-25S-10S	25	10
GR-25S-12S	25	12
GR-25S-14S	25	14
GR-25S-16S	25	16
GR-25S-20S	25	20
GR-30S-10S	30	10
GR-30S-12S	30	12
GR-30S-14S	30	14
GR-30S-16S	30	16
GR-30S-20S	30	20
GR-30S-25S	30	25
GR-38S-10S	38	10
GR-38S-12S	38	12
GR-38S-14S	38	14
GR-38S-16S	38	16
GR-38S-20S	38	20
GR-38S-25S	38	25
GR-38S-30S	38	30

Tech Sheet 10606

316 STAINLESS STEEL DIN EN ISO 8434-1 TUBE FITTINGS (FORMERLY DIN 2353)

stainless
steel



Stainless Steel 1.4571 Working Temperature:
-60°C to +400°C (DIN 17 440, AD W 10)

Seal Working Temperature:
-20°C to +200°C (FPM/Viton)



Equal Elbows



L Series

0291	OD mm
W6-UEL	6
W8-UEL	8
W10-UEL	10
W12-UEL	12
W15-UEL	15
W18-UEL	18
W22-UEL	22
W28-UEL	28
W35-UEL	35
W42-UEL	42

Tech Sheet 10607

S Series

0291	OD mm
W6-UES	6
W8-UES	8
W10-UES	10
W12-UES	12
W14-UES	14
W16-UES	16
W20-UES	20
W25-UES	25
W30-UES	30
W38-UES	38

Tech Sheet 10607

Equal Tees



L Series

0291	OD mm
T6-UTL	6
T8-UTL	8
T10-UTL	10
T12-UTL	12
T15-UTL	15
T18-UTL	18
T22-UTL	22
T28-UTL	28
T35-UTL	35
T42-UTL	42

Tech Sheet 10608

S Series

0291	OD mm
T6-UTS	6
T8-UTS	8
T10-UTS	10
T12-UTS	12
T14-UTS	14
T16-UTS	16
T20-UTS	20
T25-UTS	25
T30-UTS	30
T38-UTS	38

Tech Sheet 10608

Equal Crosses



L Series

0291	OD mm
K6-UCL	6
K8-UCL	8
K10-UCL	10
K12-UCL	12
K15-UCL	15
K18-UCL	18
K22-UCL	22
K28-UCL	28
K35-UCL	35
K42-UCL	42

Tech Sheet 10609

S Series

0291	OD mm
K6-UCS	6
K8-UCS	8
K10-UCS	10
K12-UCS	12
K14-UCS	14
K16-UCS	16
K20-UCS	20
K25-UCS	25
K30-UCS	30
K38-UCS	38

Tech Sheet 10609

stainless
steel

For **Stainless Steel Gauges**
see page 1330



316 STAINLESS STEEL DIN EN ISO 8434-1 TUBE FITTINGS (FORMERLY DIN 2353)

stainless
steel



Stainless Steel 1.4571 Working Temperature: -60°C to +400°C (DIN 17 440, AD W 10)

Seal Working Temperature: -20°C to +200°C (FPM/Viton)



Reducing Standpipes



L Series

0291	OD mm	OD mm
KOR-8L-6L	8	6
KOR-10L-6L	10	6
KOR-10L-8L	10	8
KOR-12L-6L	12	6
KOR-12L-8L	12	8
KOR-12L-10L	12	10
KOR-15L-6L	15	6
KOR-15L-8L	15	8
KOR-15L-10L	15	10
KOR-15L-12L	15	12
KOR-18L-6L	18	6
KOR-18L-8L	18	8
KOR-18L-10L	18	10
KOR-18L-12L	18	12
KOR-18L-15L	18	15
KOR-22L-6L	22	6
KOR-22L-8L	22	8
KOR-22L-10L	22	10
KOR-22L-12L	22	12
KOR-22L-15L	22	15
KOR-22L-18L	22	18
KOR-28L-6L	28	6
KOR-28L-8L	28	8
KOR-28L-10L	28	10
KOR-28L-12L	28	12
KOR-28L-15L	28	15
KOR-28L-18L	28	18
KOR-28L-22L	28	22
KOR-35L-6L	35	6
KOR-35L-8L	35	8
KOR-35L-10L	35	10
KOR-35L-12L	35	12
KOR-35L-15L	35	15
KOR-35L-18L	35	18
KOR-35L-22L	35	22
KOR-35L-28L	35	28
KOR-42L-10L	42	10
KOR-42L-12L	42	12
KOR-42L-15L	42	15
KOR-42L-18L	42	18
KOR-42L-22L	42	22
KOR-42L-28L	42	28
KOR-42L-35L	42	35

Tech Sheet 10610

S Series

0291	OD mm	OD mm
KOR-8S-6S	8	6
KOR-10S-6S	10	6
KOR-10S-8S	10	8
KOR-12S-6S	12	6
KOR-12S-8S	12	8
KOR-12S-10S	12	10
KOR-14S-6S	14	6
KOR-14S-8S	14	8
KOR-14S-10S	14	10
KOR-14S-12S	14	12
KOR-16S-6S	16	6
KOR-16S-8S	16	8
KOR-16S-10S	16	10
KOR-16S-12S	16	12
KOR-16S-14S	16	14
KOR-20S-6S	20	6
KOR-20S-8S	20	8
KOR-20S-10S	20	10
KOR-20S-12S	20	12
KOR-20S-14S	20	14
KOR-20S-16S	20	16
KOR-25S-6S	25	6
KOR-25S-8S	25	8
KOR-25S-10S	25	10
KOR-25S-12S	25	12
KOR-25S-14S	25	14
KOR-25S-16S	25	16
KOR-25S-20S	25	20
KOR-30S-6S	30	6
KOR-30S-8S	30	8
KOR-30S-10S	30	10
KOR-30S-12S	30	12
KOR-30S-14S	30	14
KOR-30S-16S	30	16
KOR-30S-20S	30	20
KOR-30S-25S	30	25
KOR-38S-6S	38	6
KOR-38S-8S	38	8
KOR-38S-10S	38	10
KOR-38S-12S	38	12
KOR-38S-14S	38	14
KOR-38S-16S	38	16
KOR-38S-20S	38	20
KOR-38S-25S	38	25
KOR-38S-30S	38	30

Tech Sheet 10610



For Stainless Steel Seals
& Bonded washers
see page 110



For Stainless Steel Tube
see page 1287

316 STAINLESS STEEL DIN EN ISO 8434-1 TUBE FITTINGS (FORMERLY DIN 2353)

stainless
steel



Stainless Steel 1.4571 Working Temperature:
-60°C to +400°C (DIN 17 440, AD W 10)

Seal Working Temperature:
-20°C to +200°C (FPM/Viton)



Tee Reducers



L Series

0291	OD A mm	OD B mm	OD C mm
TR-6-8-6L	6	8	6
TR-6-10-6L	6	10	6
TR-8-6-8L	8	6	8
TR-8-10-8L	8	10	8
TR-8-12-8L	8	12	8
TR-10-6-10L	10	6	10
TR-10-8-10L	10	8	10
TR-10-10-6L	10	10	6
TR-10-12-10L	10	12	10
TR-10-15-10L	10	15	10
TR-12-6-12L	12	6	12
TR-12-8-8L	12	8	8
TR-12-8-12L	12	8	12
TR-12-10-10L	12	10	10
TR-12-10-12L	12	10	12
TR-12-12-10L	12	12	10
TR-12-15-12L	12	15	12
TR-12-18-12L	12	18	12
TR-15-6-15L	15	6	15
TR-15-10-15L	15	10	15
TR-15-12-12L	15	12	12
TR-15-12-15L	15	12	15
TR-15-15-12L	15	15	12
TR-18-10-10L	18	10	10
TR-18-10-18L	18	10	18
TR-18-12-18L	18	12	18
TR-18-15-18L	18	15	18
TR-18-18-10L	18	18	10
TR-22-10-22L	22	10	22
TR-22-12-22L	22	12	22
TR-22-15-15L	22	15	15
TR-22-15-22L	22	15	22
TR-22-18-18L	22	18	18
TR-22-18-22L	22	18	22
TR-22-22-18L	22	22	18
TR-28-10-28L	28	10	28
TR-28-12-28L	28	12	28
TR-28-15-28L	28	15	28
TR-28-18-28L	28	18	28
TR-28-22-22L	28	22	22
TR-28-22-28L	28	22	28
TR-28-35-28L	28	35	28
TR-35-12-35L	35	12	35
TR-35-15-35L	35	15	35
TR-35-18-35L	35	18	35
TR-35-22-35L	35	22	35
TR-35-28-35L	35	28	35
TR-35-42-35L	35	42	35
TR-42-15-42L	42	15	42
TR-42-18-42L	42	18	42
TR-42-22-42L	42	22	42
TR-42-28-42L	42	28	42
TR-42-35-42L	42	35	42

Tech Sheet 10611

S Series

0291	OD A mm	OD B mm	OD C mm
TR-8-6-8S	8	6	8
TR-10-6-10S	10	6	10
TR-10-8-10S	10	8	10
TR-12-6-12S	12	6	12
TR-12-8-8S	12	8	8
TR-12-8-12S	12	8	12
TR-12-10-12S	12	10	12
TR-12-16-12S	12	16	12
TR-14-8-14S	14	8	14
TR-14-10-14S	14	10	14
TR-16-6-16S	16	6	16
TR-16-8-16S	16	8	16
TR-16-10-16S	16	10	16
TR-16-12-16S	16	12	16
TR-16-14-16S	16	14	16
TR-16-20-16S	16	20	16
TR-20-8-20S	20	8	20
TR-20-10-20S	20	10	20
TR-20-12-20S	20	12	20
TR-20-14-20S	20	14	20
TR-20-16-20S	20	16	20
TR-20-25-20S	20	25	20
TR-25-10-25S	25	10	25
TR-25-12-25S	25	12	25
TR-25-14-25S	25	14	25
TR-25-16-25S	25	16	25
TR-25-20-25S	25	20	25
TR-25-30-25S	25	30	25
TR-30-12-30S	30	12	30
TR-30-16-30S	30	16	30
TR-30-20-30S	30	20	30
TR-30-25-30S	30	25	30
TR-30-38-30S	30	38	30
TR-38-16-38S	38	16	38
TR-38-20-38S	38	20	38
TR-38-25-38S	38	25	38
TR-38-30-38S	38	30	38

Tech Sheet 10611

Straight Bulkheads



L Series

0291	OD mm
SV-6L	6
SV-8L	8
SV-10L	10
SV-12L	12
SV-15L	15
SV-18L	18
SV-22L	22
SV-28L	28
SV-35L	35
SV-42L	42

Tech Sheet 10612

S Series

0291	OD mm
SV-6S	6
SV-8S	8
SV-10S	10
SV-12S	12
SV-14S	14
SV-16S	16
SV-20S	20
SV-25S	25
SV-30S	30
SV-38S	38

Tech Sheet 10612

Weld Bulkheads



L Series

0291	OD mm
ESV-6L-FT	6
ESV-8L-FT	8
ESV-10L-FT	10
ESV-12L-FT	12
ESV-15L-FT	15
ESV-18L-FT	18
ESV-20L-FT	20
ESV-28L-FT	28

Tech Sheet 10613

S Series

0291	OD mm
ESV-6S-FT	6
ESV-8S-FT	8
ESV-10S-FT	10
ESV-12S-FT	12
ESV-14S-FT	14
ESV-16S-FT	16
ESV-20S-FT	20
ESV-25S-FT	25

Tech Sheet 10613

316 STAINLESS STEEL DIN EN ISO 8434-1 TUBE FITTINGS (FORMERLY DIN 2353)

stainless
steel



Stainless Steel 1.4571 Working Temperature: -60°C to +400°C (DIN 17 440, AD W 10)

Seal Working Temperature: -20°C to +200°C (FPM/Viton)



Bulkhead Elbows



L Series

0291	OD mm
WSV-6L-FT	6
WSV-8L-FT	8
WSV-10L-FT	10
WSV-12L-FT	12
WSV-15L-FT	15
WSV-18L-FT	18
WSV-22L-FT	22
WSV-28L-FT	28
WSV-35L-FT	35
WSV-42L-FT	42

Tech Sheet 10614

S Series

0291	OD mm
WSV-6S-FT	6
WSV-8S-FT	8
WSV-10S-FT	10
WSV-12S-FT	12
WSV-14S-FT	14
WSV-16S-FT	16
WSV-20S-FT	20
WSV-25S-FT	25
WSV-30S-FT	30
WSV-38S-FT	38

Tech Sheet 10614

Weld Nipples



O-Ring Sealing, Nitrile

0291	OD mm	Diameter mm
SKA-108	10	8
SKA-107	10	7
SKA-106	10	6
SKA-129	12	9
SKA-128	12	8
SKA-127	12	7
SKA-1613	16	13
SKA-1612	16	12
SKA-1611	16	11
SKA-1610	16	10
SKA-2016	20	16
SKA-2015	20	15
SKA-2014	20	14
SKA-2012	20	12
SKA-2519	25	19
SKA-2517	25	17
SKA-2515	25	15

Tech Sheet 10615

Butt Weld Fittings



L Series

0291	OD mm
AS-6L	6
AS-8L	8
AS-10L	10
AS-12L	12
AS-15L	15
AS-18L	18
AS-22L	22
AS-28L	28

Tech Sheet 10616

S Series

0291	OD mm
AS-6S	6
AS-8S	8
AS-10S	10
AS-12S	12
AS-14S	14
AS-16S	16
AS-20S	20
AS-25S	25

Tech Sheet 10616

Weld Standpipe



0291	OD mm	Diameter mm
ASK-108	10	8
ASK-107	10	7
ASK-106	10	6
ASK-129	12	9
ASK-128	12	8
ASK-127	12	7
ASK-1612	16	12
ASK-1611	16	11
ASK-1610	16	10
ASK-2016	20	16
ASK-2015	20	15
ASK-2014	20	14
ASK-2012	20	12
ASK-2519	25	19
ASK-2517	25	17
ASK-2515	25	15

Tech Sheet 10617

Special Weld Nipples (Reducers)



O-Ring Sealing, Nitrile

0291	OD mm	Diameter mm
SKAR-10-6	10	6
SKAR-10-8	10	8
SKAR-12-8	12	8
SKAR-12-10	12	10
SKAR-16-12	16	12
SKAR-20-12	20	12
SKAR-20-16	20	16
SKAR-25-16	25	16
SKAR-25-20	25	20
SKAR-25-15	25	15

Tech Sheet 10618

Metric Standpipe Adaptors, BSPP



L Series

0291	Thread	OD mm
2101-8247	1/8"	6
2101-8254	1/4"	8
2101-8262	1/4"	10
2101-8270	3/8"	12
2101-8288	1/2"	15
2101-8296	1/2"	18
2101-8304	3/4"	22
2101-8312	1"	28
2101-8445	1.1/4"	35
2101-8338	1.1/2"	42

Tech Sheet 20799

S Series

0291	Thread	OD mm
2101-8346	1/4"	6
2101-8353	1/4"	8
2101-8361	3/8"	10
2101-8379	3/8"	12
2101-8387	1/2"	14
2101-8395	1/2"	16
2101-8403	3/4"	20
2101-8411	1"	25
2101-8429	1.1/4"	30
2101-8437	1.1/2"	38

Tech Sheet 20799

316 STAINLESS STEEL DIN EN ISO 8434-1 TUBE FITTINGS (FORMERLY DIN 2353)

stainless
steel



Stainless Steel 1.4571 Working Temperature:
-60°C to +400°C (DIN 17 440, AD W 10)

Seal Working Temperature:
-20°C to +200°C (FPM/Viton)



Gauge Couplings



L Series, BSPP, Metal Sealing Ring

0291	OD mm	Thread
MV-6L-4RG	6	1/4"
MV-6L-8RG	6	1/2"
MV-8L-4RG	8	1/4"
MV-8L-8RG	8	1/2"
MV-10L-4RG	10	1/4"
MV-10L-8RG	10	1/2"
MV-12L-4RG	12	1/4"
MV-12L-8RG	12	1/2"

Tech Sheet 20737



L Series, NPT

0291	OD mm	Thread
MV-6L-4N	6	1/4"
MV-6L-8N	6	1/2"
MV-8L-4N	8	1/4"
MV-8L-8N	8	1/2"
MV-10L-4N	10	1/4"
MV-10L-8N	10	1/2"
MV-12L-4N	12	1/4"
MV-12L-8N	12	1/2"

Tech Sheet 20901



S Series, BSPP, Metal Sealing Ring

0291	OD mm	Thread
MV-6S-8RG	6	1/2"
MV-8S-4RG	8	1/4"
MV-8S-8RG	8	1/2"
MV-10S-4RG	10	1/4"
MV-10S-8RG	10	1/2"
MV-12S-4RG	12	1/4"
MV-12S-8RG	12	1/2"

Tech Sheet 20737



S Series, NPT

0291	OD mm	Thread
MV-6S-8N	6	1/2"
MV-8S-8N	8	1/2"
MV-10S-8N	10	1/2"
MV-12S-8N	12	1/2"

Tech Sheet 20901

90° Compact Adjustable Elbows



L Series, Metric, BSPP Male Thread with Viton O-Ring

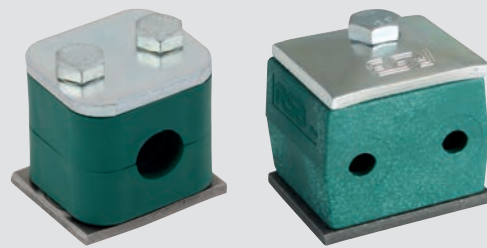
0291	OD mm	Thread
WEEV-06L-1/8	6	1/8"
WEEV-08L-1/4	8	1/4"
WEEV-10L-1/4	10	1/4"
WEEV-12L-3/8	12	3/8"
WEEV-15L-1/2	15	1/2"
WEEV-18L-1/2	18	1/2"
WEEV-22L-3/4	22	3/4"
WEEV-28L-1	28	1"
WEEV-35L-114	35	1.1/4"

Tech Sheet 67962

stainless
steel



For Stainless Steel Clamps
see page 186



316 STAINLESS STEEL DIN EN ISO 8434-1 TUBE FITTINGS (FORMERLY DIN 2353)

stainless
steel



Stainless Steel 1.4571 Working Temperature: -60°C to +400°C (DIN 17 440, AD W 10)

Seal Working Temperature: -20°C to +200°C (FPM/Viton)



Non-return Valves

All valves supplied with 1 bar cracking pressure unless stated, other pressures available on request are 0.2, 0.5, 2.0 and 3.0

L Series, BSPP, Flow Towards Thread



0291	OD mm	Thread
RZ-6L-2RG	6	1/8"
RZ-8L-4RG	8	1/4"
RZ-10L-4RG	10	1/4"
RZ-12L-6RG	12	3/8"
RZ-15L-8RG	15	1/2"
RZ-18L-8RG	18	1/2"
RZ-22L-12RG	22	3/4"
RZ-28L-16RG	28	1"
RZ-35L-20RG	35	1.1/4"
RZ-42L-24RG	42	1.1/2"

Tech Sheet 20352

L Series, BSPP, Flow Away From Thread



0291	OD mm	Thread
RV-6L-2RG	6	1/8"
RV-8L-4RG	8	1/4"
RV-10L-4RG	10	1/4"
RV-12L-6RG	12	3/8"
RV-15L-8RG	15	1/2"
RV-18L-8RG	18	1/2"
RV-22L-12RG	22	3/4"
RV-28L-16RG	28	1"
RV-35L-20RG	35	1.1/4"
RV-42L-24RG	42	1.1/2"

Tech Sheet 20352

L Series, Tube x Tube



0291	OD mm	Cracking Pressure Bar
770-0606	6	0.5
770-0808	8	0.5
770-1010	10	0.5
770-1212	12	0.5
770-1515	15	0.5
770-1818	18	0.5
770-2222	22	0.5
770-2828	28	0.5
770-3535	35	0.5
770-4242	42	0.5

Tech Sheet 10619

S Series, BSPP, Flow Towards Thread

0291	OD mm	Thread
RZ-6S-2RG	6	1/8"
RZ-8S-4RG	8	1/4"
RZ-10S-4RG	10	1/4"
RZ-12S-6RG	12	3/8"
RZ-14S-8RG	14	1/2"
RZ-16S-8RG	16	1/2"
RZ-20S-12RG	20	3/4"
RZ-25S-16RG	25	1"
RZ-30S-20RG	30	1.1/4"
RZ-38S-24RG	38	1.1/2"

S Series, BSPP, Flow Away From Thread

0291	OD mm	Thread
RV-6S-2RG	6	1/8"
RV-8S-4RG	8	1/4"
RV-10S-4RG	10	1/4"
RV-12S-6RG	12	3/8"
RV-14S-8RG	14	1/2"
RV-16S-8RG	16	1/2"
RV-20S-12RG	20	3/4"
RV-25S-16RG	25	1"
RV-30S-20RG	30	1.1/4"
RV-38S-24RG	38	1.1/2"

S Series, Tube x Tube

0291	OD mm
RD-6S	6
RD-8S	8
RD-10S	10
RD-12S	12
RD-14S	14
RD-16S	16
RD-20S	20
RD-25S	25
RD-30S	30
RD-38S	38

Tech Sheet 10619

Blanking Plugs, Threaded



BSPP

0291	Thread
VSTI-2EO	1/8"
VSTI-4EO	1/4"
VSTI-6EO	3/8"
VSTI-8EO	1/2"
VSTI-12EO	3/4"
VSTI-16EO	1"
VSTI-20EO	1.1/4"
VSTI-24EO	1.1/2"

Tech Sheet 10620

Metric

0291	Thread
VSTI-10M	M10 x 1
VSTI-12M	M12 x 1.5
VSTI-14M	M14 x 1.5
VSTI-16M	M16 x 1.5
VSTI-18M	M18 x 1.5
VSTI-20M	M20 x 1.5
VSTI-22M	M22 x 1.5
VSTI-26M	M26 x 1.5
VSTI-27M	M27 x 2
VSTI-33M	M33 x 2
VSTI-42M	M42 x 2
VSTI-48M	M48 x 2

Tech Sheet 10620

Blanking Plugs



L Series

0291	OD mm
VKA-6L	6
VKA-8L	8
VKA-10L	10
VKA-12L	12
VKA-15L	15
VKA-18L	18
VKA-22L	22
VKA-28L	28
VKA-35L	35
VKA-42L	42

Tech Sheet 10621

S Series

0291	OD mm
VKA-6S	6
VKA-8S	8
VKA-10S	10
VKA-12S	12
VKA-14S	14
VKA-16S	16
VKA-20S	20
VKA-25S	25
VKA-30S	30
VKA-38S	38

Tech Sheet 10621

Blanking Ends



L Series

0291	OD mm
ROV-6L	6
ROV-8L	8
ROV-10L	10
ROV-12L	12
ROV-15L	15
ROV-18L	18
ROV-22L	22
ROV-28L	28
ROV-35L	35
ROV-42L	42

Tech Sheet 10622

S Series

0291	OD mm
ROV-6S	6
ROV-8S	8
ROV-10S	10
ROV-12S	12
ROV-14S	14
ROV-16S	16
ROV-20S	20
ROV-25S	25
ROV-30S	30
ROV-38S	38

Tech Sheet 10622

316 STAINLESS STEEL DIN EN ISO 8434-1 TUBE FITTINGS (FORMERLY DIN 2353)

stainless
steel



Stainless Steel 1.4571 Working Temperature: -60°C to +400°C (DIN 17 440, AD W 10)

Seal Working Temperature: -20°C to +200°C (FPM/Viton)



Nut



L Series

0291	OD mm
M-6L-FT	6
M-8L-FT	8
M-10L-FT	10
M-12L-FT	12
M-15L-FT	15
M-18L-FT	18
M-22L-FT	22
M-28L-FT	28
M-35L-FT	35
M-42L-FT	42
Tech Sheet 10623	

S Series

0291	OD mm
M-6S-FT	6
M-8S-FT	8
M-10S-FT	10
M-12S-FT	12
M-14S-FT	14
M-16S-FT	16
M-20S-FT	20
M-25S-FT	25
M-30S-FT	30
M-38S-FT	38
Tech Sheet 10623	

Compression Ring

- Hardened, nickel plated.



L Series

0291	OD mm
DPR-6L	6
DPR-8L	8
DPR-10L	10
DPR-12L	12
DPR-15L	15
DPR-18L	18
DPR-22L	22
DPR-28L	28
DPR-35L	35
DPR-42L	42
Tech Sheet 10624	

S Series

0291	OD mm
DPR-6S	6
DPR-8S	8
DPR-10S	10
DPR-12S	12
DPR-14S	14
DPR-16S	16
DPR-20S	20
DPR-25S	25
DPR-30S	30
DPR-38S	38
Tech Sheet 10624	

stainless
steel



For **Stainless Steel Tubing**
see page **1287**

METRIC STAINLESS STEEL COMPRESSION FITTINGS



Stainless steel AISI 316L compression fittings. The perfect solution for multiple applications and connections. Can be connected to several rigid metallic tubes in complete safety (stainless steel, brass, aluminium and copper) and can also be connected to plastic tubes (polyurethane, polyamide and Teflon).

- Main Advantages:**
- Complete range of fittings, suitable for all corrosive fluids and environments
 - Made completely of AISI 316L stainless steel
 - Good mechanical strength
 - Sealing is guaranteed on different types of tube
 - No sealing elements (elastomeric)
 - 4-12mm diameters

- Applications:**
- Farming
 - Chemical, petrochemical and pharmaceutical
 - Medical and science
 - Inkjet and printing
 - Pneumatic and fluid automation
 - Food and beverages
 - Inert gases
 - Heavy-duty pneumatic automation and tools
 - Automotive

Male Studs



BSPT

0676	OD mm	Thread
69480-4-1/8	4	1/8"
69480-6-1/8	6	1/8"
69480-6-1/4	6	1/4"
69480-8-1/8	8	1/8"
69480-8-1/4	8	1/4"
69480-8-3/8	8	3/8"
69480-10-1/4	10	1/4"
69480-10-3/8	10	3/8"
69480-12-3/8	12	3/8"
69480-12-1/2	12	1/2"

Tech Sheet 68741



BSPP

0676	OD mm	Thread
69485-4-1/8	4	1/8"
69485-6-1/8	6	1/8"
69485-6-1/4	6	1/4"
69485-8-1/8	8	1/8"
69485-8-1/4	8	1/4"
69485-8-3/8	8	3/8"
69485-10-1/4	10	1/4"
69485-10-3/8	10	3/8"
69485-12-3/8	12	3/8"
69485-12-1/2	12	1/2"

Tech Sheet 68741

Male Stud Elbows



BSPT

0676	OD mm	Thread
69280-4-1/8	4	1/8"
69280-6-1/8	6	1/8"
69280-6-1/4	6	1/4"
69280-8-1/8	8	1/8"
69280-8-1/4	8	1/4"
69280-8-3/8	8	3/8"
69280-10-1/4	10	1/4"
69280-10-3/8	10	3/8"
69280-12-3/8	12	3/8"
69280-12-1/2	12	1/2"

Tech Sheet 68741

Equal Elbows



Tube x Tube

0676	OD mm
69260-4	4
69260-6	6
69260-8	8
69260-10	10
69260-12	12

Tech Sheet 68741

Equal Tees



Tube x Tube

0676	OD mm
69200-4	4
69200-6	6
69200-8	8
69200-10	10
69200-12	12

Tech Sheet 68741

Male Stud Branch Tees



BSPT

0676	OD mm	Thread
69220-4-1/8	4	1/8"
69220-6-1/8	6	1/8"
69220-6-1/4	6	1/4"
69220-8-1/8	8	1/8"
69220-8-1/4	8	1/4"
69220-8-3/8	8	3/8"
69220-10-1/4	10	1/4"
69220-10-3/8	10	3/8"
69220-12-3/8	12	3/8"
69220-12-1/2	12	1/2"

Tech Sheet 68741

Straight Connectors



Tube x Tube

0676	OD mm
69460-4	4
69460-6	6
69460-8	8
69460-10	10
69460-12	12

Tech Sheet 68741

Nuts



Tube

0676	OD mm	Thread
69680-4	4	M8 x 1
69680-6	6	M10 x 1
69680-8	8	M12 x 1
69680-10	10	M16 x 1.5
69680-12	12	M18 x 1.5

Tech Sheet 68741

Olives



Tube

0676	OD mm
69740-4	4
69740-6	6
69740-8	8
69740-10	10
69740-12	12

Tech Sheet 68741

NB: safe pressures and temperatures depend entirely on the tubes being used. For this reason, the values must be determined in accordance with the tube features.

316 STAINLESS STEEL DIN EN ISO 8434-1 TUBE FITTINGS (FORMERLY DIN 2353)

stainless
steel



Stainless Steel 1.4571 Working Temperature: -60°C to +400°C (DIN 17 440, AD W 10)

Seal Working Temperature: -20°C to +200°C (FPM/Viton)



Technical details of ISO 8434-1 24° Fittings

Cone sealing couplings with 24° Cone and O-ring - FPM

There are several advantages to using DKO couplings:

- They are simple to assemble with low torque requirements.
- There is a wide variety of couplings to choose from.
- They are also easy to combine with each other.
- Additionally, DKO couplings have a super low leakage rate thanks to the O-ring sealing.

Straight Swivel Unions - DKO



L Series

0291	OD mm	Thread
GV-DKOL-06	6	M12 x 1.5
GV-DKOL-08	8	M 4 x 1.5
GV-DKOL-10	10	M16 x 1.5
GV-DKOL-12	12	M18 x 1.5
GV-DKOL-15	15	M22 x 1.5
GV-DKOL-18	18	M26 x 1.5
GV-DKOL-22	22	M30 x 2
GV-DKOL-28	28	M36 x 2
GV-DKOL-35	35	M45 x 2
GV-DKOL-42	42	M52 x 2

Tech Sheet 71713

S Series

0291	OD mm	Thread
GV-DKOS-06	6	M14 x 1.5
GV-DKOS-08	8	M16 x 1.5
GV-DKOS-10	10	M18 x 1.5
GV-DKOS-12	12	M20 x 1.5
GV-DKOS-14	14	M22 x 1.5
GV-DKOS-16	16	M24 x 1.5
GV-DKOS-20	20	M30 x 2
GV-DKOS-25	25	M36 x 2
GV-DKOS-30	30	M42 x 2
GV-DKOS-38	38	M52 x 2

Tech Sheet 71713

Straight Swivel Reducers - DKO



L/L Series

0291	OD mm	OD mm
GVR-DKO-08L/06L	8	6
GVR-DKO-10L/06L	10	6
GVR-DKO-10L/08L	10	8
GVR-DKO-12L/06L	12	6
GVR-DKO-12L/08L	12	8
GVR-DKO-12L/10L	12	10
GVR-DKO-15L/08L	15	8
GVR-DKO-15L/10L	15	10
GVR-DKO-15L/12L	15	12
GVR-DKO-18L/10L	18	10
GVR-DKO-18L/12L	18	12
GVR-DKO-18L/15L	18	15
GVR-DKO-22L/12L	22	12
GVR-DKO-22L/15L	22	15
GVR-DKO-22L/18L	22	18
GVR-DKO-28L/15L	28	15
GVR-DKO-28L/18L	28	18
GVR-DKO-28L/22L	28	22
GVR-DKO-35L/18L	35	18
GVR-DKO-35L/22L	35	22
GVR-DKO-35L/28L	35	28
GVR-DKO-42L/22L	42	22
GVR-DKO-42L/28L	42	28
GVR-DKO-42L/35L	42	35

Tech Sheet 71714

S/S Series

0291	OD mm	OD mm
GVR-DKO-08S/06S	8	6
GVR-DKO-10S/06S	10	6
GVR-DKO-10S/08S	10	8
GVR-DKO-12S/06S	12	6
GVR-DKO-12S/08S	12	8
GVR-DKO-12S/10S	12	10
GVR-DKO-16S/10S	16	10
GVR-DKO-16S/12S	16	12
GVR-DKO-16S/14S	16	14
GVR-DKO-20S/12S	20	12
GVR-DKO-20S/14S	20	14
GVR-DKO-20S/16S	20	16
GVR-DKO-25S/16S	25	16
GVR-DKO-25S/20S	25	20
GVR-DKO-30S/16S	30	16
GVR-DKO-30S/20S	30	20
GVR-DKO-30S/25S	30	25
GVR-DKO-38S/20S	38	20
GVR-DKO-38S/25S	38	25
GVR-DKO-38S/30S	38	30

Tech Sheet 71714

L/S Series

0291	OD mm	OD mm
GVR-DKO-06L/06S	6	6
GVR-DKO-08L/06S	8	6
GVR-DKO-08L/08S	8	8
GVR-DKO-10L/10S	10	10
GVR-DKO-12L/10S	12	10
GVR-DKO-12L/12S	12	12
GVR-DKO-15L/12S	15	12
GVR-DKO-15L/14S	15	14
GVR-DKO-18L/16S	18	16
GVR-DKO-22L/20S	22	20
GVR-DKO-28L/25S	28	25
GVR-DKO-35L/30S	35	30
GVR-DKO-42L/38S	42	38

Tech Sheet 71715

S/L Series

0291	OD mm	OD mm
GVR-DKO-10S/08L	10	8
GVR-DKO-12S/08L	12	8
GVR-DKO-12S/10L	12	10
GVR-DKO-16S/10L	16	10
GVR-DKO-16S/12L	16	12
GVR-DKO-16S/15L	16	15
GVR-DKO-20S/18L	20	18
GVR-DKO-25S/18L	25	18
GVR-DKO-25S/22L	25	22
GVR-DKO-30S/28L	30	28
GVR-DKO-38S/35L	38	35

Tech Sheet 71715

316 STAINLESS STEEL DIN EN ISO 8434-1 TUBE FITTINGS (FORMERLY DIN 2353)

stainless
steel



° Stainless Steel 1.4571 Working Temperature: -60°C to +400°C (DIN 17 440, AD W 10)

Seal Working Temperature: -20°C to +200°C (FPM/Viton)



Adjustable Elbows - DKO



L Series, Metric, Female Thread

0291	OD mm	Thread
EW-DKOL-06	6	M12 x 1,5
EW-DKOL-08	8	M14 x 1,5
EW-DKOL-10	10	M16 x 1,5
EW-DKOL-12	12	M18 x 1,5
EW-DKOL-15	15	M22 x 1,5
EW-DKOL-18	18	M26 x 1,5
EW-DKOL-22	22	M30 x 2
EW-DKOL-28	28	M36 x 2
EW-DKOL-35	35	M45 x 2
EW-DKOL-42	42	M52 x 2

Tech Sheet 71716

S Series, Metric, Female Thread

0291	OD mm	Thread
EW-DKOS-06	6	M14 x 1,5
EW-DKOS-08	8	M16 x 1,5
EW-DKOS-10	10	M18 x 1,5
EW-DKOS-12	12	M20 x 1,5
EW-DKOS-14	14	M22 x 1,5
EW-DKOS-16	16	M24 x 1,5
EW-DKOS-20	20	M30 x 2
EW-DKOS-25	25	M36 x 2
EW-DKOS-30	30	M42 x 2
EW-DKOS-38	38	M52 x 2

Tech Sheet 71716

45° Adjustable Elbows



L Series, Metric, BSPP Female Thread with Viton O-Ring

0291	OD mm	Thread
EV-DKOL-06	6	M12 x 1,5
EV-DKOL-08	8	M14 x 1,5
EV-DKOL-10	10	M16 x 1,5
EV-DKOL-12	12	M18 x 1,5
EV-DKOL-15	15	M22 x 1,5
EV-DKOL-18	18	M26 x 1,5
EV-DKOL-22	22	M30 x 2
EV-DKOL-28	28	M36 x 2
EV-DKOL-35	35	M45 x 2
EV-DKOL-42	42	M52 x 2

Tech Sheet 67963

Adjustable Branch Tees - DKO



L Series, Metric, Female Thread

0291	OD mm	Thread
ET-DKOL-06	6	M12 x 1,5
ET-DKOL-08	8	M14 x 1,5
ET-DKOL-10	10	M16 x 1,5
ET-DKOL-12	12	M18 x 1,5
ET-DKOL-15	15	M22 x 1,5
ET-DKOL-18	18	M26 x 1,5
ET-DKOL-22	22	M30 x 2
ET-DKOL-28	28	M36 x 2
ET-DKOL-35	35	M45 x 2
ET-DKOL-42	42	M52 x 2

Tech Sheet 71717

S Series, Metric, Female Thread

0291	OD mm	OD mm
ET-DKOS-06	6	M14 x 1,5
ET-DKOS-08	8	M16 x 1,5
ET-DKOS-10	10	M18 x 1,5
ET-DKOS-12	12	M20 x 1,5
ET-DKOS-14	14	M22 x 1,5
ET-DKOS-16	16	M24 x 1,5
ET-DKOS-20	20	M30 x 2
ET-DKOS-25	25	M36 x 2
ET-DKOS-30	30	M42 x 2
ET-DKOS-38	38	M52 x 2

Tech Sheet 71717

Adjustable Run Tees - DKO



L Series, Metric, Female Thread

0291	OD mm	Thread
EL-DKOL-06	6	M12 x 1,5
EL-DKOL-08	8	M14 x 1,5
EL-DKOL-10	10	M16 x 1,5
EL-DKOL-12	12	M18 x 1,5
EL-DKOL-15	15	M22 x 1,5
EL-DKOL-18	18	M26 x 1,5
EL-DKOL-22	22	M30 x 2
EL-DKOL-28	28	M36 x 2
EL-DKOL-35	35	M45 x 2
EL-DKOL-42	42	M52 x 2

Tech Sheet 71718

S Series, Metric, Female Thread

0291	OD mm	Thread
EL-DKOS-06	6	M14 x 1,5
EL-DKOS-08	8	M16 x 1,5
EL-DKOS-10	10	M18 x 1,5
EL-DKOS-12	12	M20 x 1,5
EL-DKOS-14	14	M22 x 1,5
EL-DKOS-16	16	M24 x 1,5
EL-DKOS-20	20	M30 x 2
EL-DKOS-25	25	M36 x 2
EL-DKOS-30	30	M42 x 2
EL-DKOS-38	38	M52 x 2

Tech Sheet 71718

316 STAINLESS STEEL DIN EN ISO 8434-1 TUBE FITTINGS (FORMERLY DIN 2353)

stainless
steel



Stainless Steel 1.4571 Working Temperature:
-60°C to +400°C (DIN 17 440, AD W 10)

Seal Working Temperature:
-20°C to +200°C (FPM/Viton)



Reducing Couplings - DKO



L Series

0291	OD mm	OD mm
RED-DKOL-08/06	8	6
RED-DKOL-10/06	10	6
RED-DKOL-10/08	10	8
RED-DKOL-12/06	12	6
RED-DKOL-12/08	12	8
RED-DKOL-12/10	12	10
RED-DKOL-15/06	15	6
RED-DKOL-15/08	15	8
RED-DKOL-15/10	15	10
RED-DKOL-15/12	15	12
RED-DKOL-18/06	18	6
RED-DKOL-18/08	18	8
RED-DKOL-18/10	18	10
RED-DKOL-18/12	18	12
RED-DKOL-18/15	18	15
RED-DKOL-22/06	22	6
RED-DKOL-22/08	22	8
RED-DKOL-22/10	22	10
RED-DKOL-22/12	22	12
RED-DKOL-22/15	22	15
RED-DKOL-22/18	22	18
RED-DKOL-28/06	28	6
RED-DKOL-28/08	28	8
RED-DKOL-28/10	28	10
RED-DKOL-28/12	28	12
RED-DKOL-28/15	28	15
RED-DKOL-28/18	28	18
RED-DKOL-28/22	28	22
RED-DKOL-35/06	35	6
RED-DKOL-35/08	35	8
RED-DKOL-35/10	35	10
RED-DKOL-35/12	35	12
RED-DKOL-35/15	35	15
RED-DKOL-35/18	35	18
RED-DKOL-35/22	35	22
RED-DKOL-35/28	35	28
RED-DKOL-42/06	42	6
RED-DKOL-42/08	42	8
RED-DKOL-42/10	42	10
RED-DKOL-42/12	42	12
RED-DKOL-42/15	42	15
RED-DKOL-42/18	42	18
RED-DKOL-42/22	42	22
RED-DKOL-42/28	42	28
RED-DKOL-42/35	42	35

Tech Sheet 71719

S Series

0291	OD mm	OD mm
RED-DKOS-08/06	8	6
RED-DKOS-10/06	10	6
RED-DKOS-10/08	10	8
RED-DKOS-12/06	12	6
RED-DKOS-12/08	12	8
RED-DKOS-12/10	12	10
RED-DKOS-14/06	14	6
RED-DKOS-14/08	14	8
RED-DKOS-14/10	14	10
RED-DKOS-14/12	14	12
RED-DKOS-16/06	16	6
RED-DKOS-16/08	16	8
RED-DKOS-16/10	16	10
RED-DKOS-16/12	16	12
RED-DKOS-16/14	16	14
RED-DKOS-20/06	20	6
RED-DKOS-20/08	20	8
RED-DKOS-20/10	20	10
RED-DKOS-20/12	20	12
RED-DKOS-20/14	20	14
RED-DKOS-20/16	20	16
RED-DKOS-25/06	25	6
RED-DKOS-25/08	25	8
RED-DKOS-25/10	25	10
RED-DKOS-25/12	25	12
RED-DKOS-25/14	25	14
RED-DKOS-25/16	25	16
RED-DKOS-25/20	25	20
RED-DKOS-30/06	30	6
RED-DKOS-30/08	30	8
RED-DKOS-30/10	30	10
RED-DKOS-30/12	30	12
RED-DKOS-30/14	30	14
RED-DKOS-30/16	30	16
RED-DKOS-30/20	30	20
RED-DKOS-30/25	30	25
RED-DKOS-38/06	38	6
RED-DKOS-38/08	38	8
RED-DKOS-38/10	38	10
RED-DKOS-38/12	38	12
RED-DKOS-38/14	38	14
RED-DKOS-38/16	38	16
RED-DKOS-38/20	38	20
RED-DKOS-38/25	38	25
RED-DKOS-38/30	38	30

Tech Sheet 71720

Swivel Female - Male, Connectors - DKO



L Series

0291	OD mm	Thread BSPP
EGE-DKO-06L-2EO	6	1/8"
EGE-DKO-06L-4EO	6	1/4"
EGE-DKO-06L-6EO	6	3/8"
EGE-DKO-08L-2EO	8	1/8"
EGE-DKO-08L-4EO	8	1/4"
EGE-DKO-08L-6EO	8	3/8"
EGE-DKO-08L-8EO	8	1/2"
EGE-DKO-10L-2EO	10	1/8"
EGE-DKO-10L-4EO	10	1/4"
EGE-DKO-10L-6EO	10	3/8"
EGE-DKO-10L-8EO	10	1/2"
EGE-DKO-12L-2EO	12	1/8"
EGE-DKO-12L-4EO	12	1/4"
EGE-DKO-12L-6EO	12	3/8"
EGE-DKO-12L-8EO	12	1/2"
EGE-DKO-15L-6EO	15	3/8"
EGE-DKO-15L-8EO	15	1/2"
EGE-DKO-15L-12EO	15	3/4"
EGE-DKO-18L-6EO	18	3/8"
EGE-DKO-18L-8EO	18	1/2"
EGE-DKO-18L-12EO	18	3/4"
EGE-DKO-22L-8EO	22	1/2"
EGE-DKO-22L-12EO	22	3/4"
EGE-DKO-22L-16EO	22	1"
EGE-DKO-28L-12EO	28	3/4"
EGE-DKO-28L-16EO	28	1"
EGE-DKO-35L-20EO	35	1.1/4"
EGE-DKO-42L-20EO	42	1.1/4"
EGE-DKO-42L-24EO	42	1.1/2"

Tech Sheet 71721

S Series

0291	OD mm	Thread BSPP
EGE-DKO-06S-4EO	6	1/4"
EGE-DKO-08S-4EO	8	1/4"
EGE-DKO-08S-6EO	8	3/8"
EGE-DKO-10S-4EO	10	1/4"
EGE-DKO-10S-6EO	10	3/8"
EGE-DKO-10S-8EO	10	1/2"
EGE-DKO-12S-4EO	12	1/4"
EGE-DKO-12S-6EO	12	3/8"
EGE-DKO-12S-8EO	12	1/2"
EGE-DKO-14S-8EO	14	1/2"
EGE-DKO-16S-6EO	16	3/8"
EGE-DKO-16S-8EO	16	1/2"
EGE-DKO-16S-12EO	16	3/4"
EGE-DKO-20S-8EO	20	1/2"
EGE-DKO-20S-12EO	20	3/4"
EGE-DKO-20S-16EO	20	1"
EGE-DKO-25S-12EO	25	3/4"
EGE-DKO-25S-16EO	25	1"
EGE-DKO-30S-16EO	30	1"
EGE-DKO-30S-20EO	30	1.1/4"
EGE-DKO-38S-24EO	38	1.1/2"

Tech Sheet 71721

316 STAINLESS STEEL DIN EN ISO 8434-1 TUBE FITTINGS (FORMERLY DIN 2353)

Stainless Steel 1.4571 Working Temperature: -60°C to +400°C (DIN 17 440, AD W 10) Seal Working Temperature: -20°C to +200°C (FPM/Viton)

stainless steel



Banjo Elbows



LL Series, BSPP, WDS, Standard

0291	OD mm	Thread BSPP
WHV-4LL-2EO-WDS	4	1/8"
WHV-6LL-2EO-WDS	6	1/8"
WHV-8LL-2EO-WDS	8	1/8"

Tech Sheet 71722

L Series, BSPP, WDS, Standard

0291	OD mm	Thread BSPP
WHV-06L-2EO-WDS	6	1/8"
WHV-08L-4EO-WDS	8	1/4"
WHV-10L-4EO-WDS	10	1/4"
WHV-10L-6EO-WDS	10	3/8"
WHV-12L-4EO-WDS	12	1/4"
WHV-12L-6EO-WDS	12	3/8"
WHV-12L-8EO-WDS	12	1/2"
WHV-15L-8EO-WDS	15	1/2"
WHV-18L-8EO-WDS	18	1/2"
WHV-22L-12EO-WDS	22	3/4"
WHV-28L-16EO-WDS	28	1"
WHV-35L-20EO-WDS	35	1.1/4"
WHV-42L-24EO-WDS	42	1.1/2"

Tech Sheet 71722

S Series, BSPP, WDS, Standard

0291	OD mm	Thread BSPP
WHV-06S-4EO-WDS	6	1/4"
WHV-08S-4EO-WDS	8	1/4"
WHV-10S-4EO-WDS	10	1/4"
WHV-10S-6EO-WDS	10	3/8"
WHV-12S-6EO-WDS	12	3/8"
WHV-14S-8EO-WDS	14	1/2"
WHV-16S-8EO-WDS	16	1/2"
WHV-20S-12EO-WDS	20	3/4"
WHV-25S-16EO-WDS	25	1"
WHV-30S-20EO-WDS	30	1.1/4"
WHV-38S-24EO-WDS	38	1.1/2"

Tech Sheet 71722

Banjo Elbows



L Series, BSPP, Metal Sealing Ring

0291	OD mm	Thread
WHV-6L-2RG	6	1/8"
WHV-8L-4RG	8	1/4"
WHV-10L-4RG	10	1/4"
WHV-10L-6G	10	3/8"
WHV-12L-4RG	12	1/4"
WHV-12L-6RG	12	3/8"
WHV-12L-8RG	12	1/2"
WHV-15L-8RG	15	1/2"
WHV-18L-8RG	18	1/2"
WHV-22L-12RG	22	3/4"
WHV-28L-16RG	28	1"
WHV-35L-20RG	35	1.1/4"
WHV-42L-24RG	42	1.1/2"

Tech Sheet 20736

S Series, BSPP, Metal Sealing Ring

0291	OD mm	Thread
WHV-6S-4RG	6	1/4"
WHV-8S-4RG	8	1/4"
WHV-10S-4RG	10	1/4"
WHV-10S-6G	10	3/8"
WHV-12S-6RG	12	3/8"
WHV-14S-8RG	14	1/2"
WHV-16S-8RG	16	1/2"
WHV-20S-12RG	20	3/4"
WHV-25S-16RG	25	1"
WHV-30S-20RG	30	1.1/4"
WHV-38S-24RG	38	1.1/2"

Tech Sheet 20736

Banjo Tees



LL Series, BSPP, WDS, Standard

0291	OD mm	Thread BSPP
THV-4LL-2EO-WDS	4	1/8"
THV-6LL-2EO-WDS	6	1/8"
THV-8LL-2EO-WDS	8	1/8"

Tech Sheet 71723

L Series, BSPP, WDS, Standard

0291	OD mm	Thread BSPP
THV-06L-2EO-WDS	6	1/8"
THV-08L-4EO-WDS	8	1/4"
THV-10L-4EO-WDS	10	1/4"
THV-12L-4EO-WDS	12	1/4"
THV-12L-6EO-WDS	12	3/8"
THV-15L-8EO-WDS	15	1/2"
THV-18L-8EO-WDS	18	1/2"
THV-22L-12EO-WDS	22	3/4"
THV-28L-16EO-WDS	28	1"
THV-35L-20EO-WDS	35	1.1/4"
THV-42L-24EO-WDS	42	1.1/2"

Tech Sheet 71723

S Series, BSPP, WDS, Standard

0291	OD mm	Thread BSPP
THV-06S-4EO-WDS	6	1/4"
THV-08S-4EO-WDS	8	1/4"
THV-10S-4EO-WDS	10	1/4"
THV-10S-6EO-WDS	10	3/8"
THV-12S-6EO-WDS	12	3/8"
THV-14S-8EO-WDS	14	1/2"
THV-16S-8EO-WDS	16	1/2"
THV-20S-12EO-WDS	20	3/4"
THV-25S-16EO-WDS	25	1"
THV-30S-20EO-WDS	30	1.1/4"
THV-38S-24EO-WDS	38	1.1/2"

Tech Sheet 71723

Seals



Banjo Couplings

0291	Thread
DKR-2RG	1/8"
DKR-4RG	1/4"
DKR-6RG	3/8"
DKR-8RG	1/2"
DKR-12RG	3/4"
DKR-16RG	1"
DKR-20RG	1.1/4"
DKR-24RG	1.1/2"



Gauge Couplings

0291	Thread
DKRI-4RG	1/4"
DKRI-8RG	1/2"



Viton

0291	Thread
WD-10X1	M10 x 1 (1/8")
WD-12X1.5	M12 x 1.5
WD-14X1.5	M14 x 1.5 (1/4")
WD-16X1.5	M16 x 1.5
WD-3/8	3/8"
WD-18X1.5	M18 x 1.5
WD-20X1.5	M20 x 1.5
WD-1/2	1/2"
WD-26X1.5	M26 x 1.5 (3/4")
WD-22X1.5	M22 x 1.5
WD-27X2	M27 x 2 (3/4")
WD-33X2	M33 x 2 (1")
WD-42X2	M42 x 2 (1.1/4")
WD-48X2	M48 x 2 (1.1/2")

One-Bite Cutting Rings - SPH Finish



LL Series Sealing Ring with SPH Finish

0291	OD mm
SR-LL-04/1 K-SPH	4
SR-LL-06/1 K-SPH	6
SR-LL-08/1 K-SPH	8

Tech Sheet 71724

Double-Bite Cutting Rings - SPH Finish



L Series Sealing Ring with SPH Finish

0291	OD mm
SR-L-06/2 K-SPH	6
SR-L-08/2 K-SPH	8
SR-L-10/2 K-SPH	10
SR-L-12/2 K-SPH	12
SR-L-15/2 K-SPH	15
SR-L-18/2 K-SPH	18
SR-L-22/2 K-SPH	22
SR-L-28/2 K-SPH	28
SR-L-35/2 K-SPH	35
SR-L-42/2 K-SPH	42

Tech Sheet 71724

S Series Sealing Ring with SPH Finish

0291	OD mm
SR-S-06/2 K-SPH	6
SR-S-08/2 K-SPH	8
SR-S-10/2 K-SPH	10
SR-S-12/2 K-SPH	12
SR-S-16/2 K-SPH	16
SR-S-20/2 K-SPH	20
SR-S-25/2 K-SPH	25
SR-S-30/2 K-SPH	30
SR-S-38/2 K-SPH	38

Tech Sheet 71724

Soft Sealed Cutting Ring



L Series Sealing Ring with Viton Seal

0291	OD mm
ES4-L-06-WD	6
ES4-L-08-WD	8
ES4-L-10-WD	10
ES4-L-12-WD	12
ES4-L-15-WD	15
ES4-L-18-WD	18
ES4-L-22-WD	22
ES4-L-28-WD	28
ES4-L-35-WD	35
ES4-L-42-WD	42

Tech Sheet 67964

S Series Sealing Ring with Viton Seal

0291	OD mm
ES4-S-06-WD	6
ES4-S-08-WD	8
ES4-S-10-WD	10
ES4-S-12-WD	12
ES4-S-14-WD	14
ES4-S-16-WD	16
ES4-S-20-WD	20
ES4-S-25-WD	25
ES4-S-30-WD	30
ES4-S-38-WD	38

Tech Sheet 67964

Silver Plated Stainless Steel Nuts (AGP)

There is a high risk for cold welding (gripping) at the threads without silver-coating. Together with ABF-grease easy assembly due to reduction in tightening torque by up to 70%. Reduced torsion load to the coupling body.

Applications: Marine industry.



Light-duty

0294	Thread	OD mm
M18L-1.4571AGP	M26 x 1.5	18
M22L-1.4571AGP	M30 x 2	22
M28L-1.4571AGP	M36 x 2	28
M35L-1.4571AGP	M45 x 2	35

Heavy-duty

0294	Thread	OD mm
M20S-1.4571AGP	M30 x 2	20
M25S-1.4571AGP	M36 x 2	25
M30S-1.4571AGP	M42 x 2	30
M38S-1.4571AGP	M52 x 2	38

ABF Anti Bloc Grease

Special grease for the installation of stainless couplings, material 1.4571.

Applications: Marine industry. To avoid gripping and reduce the coefficient of friction



1000g Can

0294	Grams
ANTI-BLOC 1KG	1000



100g Tube

0294	Grams
ANTI-BLOC 100G	100

INTRODUCING TWIN FERRULE TUBE COMPRESSION FITTINGS

stainless steel



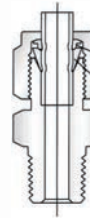
Panam Instrumentation tube fittings provide a zero leak proof seal which will withstand high pressure, impulse, vibration and temperature. These features offer high safety and maintenance free smooth working. Each component is precision machined to the most accurate tolerance; maintain TQM practices throughout manufacturing process.

The fittings are manufactured in accordance with ISO9001 quality standards and CE marking requirements with complete traceability records available upon request.

Available in 316 SS, Brass, CS, Monel materials in a variety of end connections. Straight fittings are machined from bar stock and shaped bodies are machined from forgings.

The fittings are used on instrumentation process control systems, analysers and environmental equipment in oil and gas, Petro-chemical, Power generation, Pulp and Paper industry and many more.

Functions



- Compression nut Threads are silver plated which prevents galling.
- Back Ferrule locks together the fittings and tube forms a primary Seal which absorbs the pressure pulses and vibration.
- Front Ferrule Forms a secondary seal which connects tube and fitting and guarantees a bubble tight Zero Leak Sealing.
- Rugged body construction, high precision machined surface and standardised tolerances provides maximum trouble free service life in severe working conditions.

The above illustrates sealing action of a Tube Fitting assembly which takes place after the assembly is fully tightened

Assembly Instructions

SIZE M6 thru M25 (6mm-25mm)



1-1/4 Turns from Finger Tight

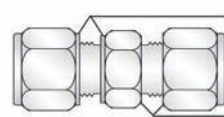
SIZE M3 thru M4 (3mm-4mm)



Only 3/4 Turn from Finger Tight is necessary to seal and will result in additional remakes of the fitting

- 1 Insert the tubing in to the Tube Fitting until it comes up to the tube stop.
- 2 Ensure that the nut is finger tight and tighten the nut 1-1/4 turns as shown in figure.
- 3 For 1/8" and 3/16 Fittings only 3/4 turns as shown in Fig-3.

Identification of Twin Ferrule Fittings



Metric Tube End with Stepped Shoulder on Nut and Fitting

Imperial Tube End

The Metric size of the Fittings have extra stepped shoulder on the body and nut to distinguish them from imperial size.

All Dimensions are in mm unless otherwise stated. Dimensions are for reference only, subject to change.

Material Standards

Material	Bar Stock a	Forging b	Tubeing
316 Stainless Steel	ASTM A276 ASME SA479	ASTM A182 ASME SA182	ASME-SA-213 / ASTM-A-213/ ASTM-A-249 / ASTM-A-269 / MIL T-88504 / MIL T-8506
Brass	ASTRM B16	ASTM B283	ASTM-B75 / ASME-SB75 (TEMPER "O")
Alloy 400	ASTM B164 ASMESB164	ASTM B564 ASME SB564	
Alloy 600	ASTM B166 ASME SB166	ASTM B564 ASME SB564	ASTM-B-163
Alloy C-276	ASTM B574	ASTM SB564	ASTM-B-622 / ASTM-B-626
Carbon Steel	ASTM A108		SAE J524b / SAE J525b / ASTM-A-179
PTFE	ASTM D1710	ASTM D3293	

A includes straight configuration B includes all elbows, crosses and tees

Stress Values based on ASME B31.3 Code for Process Piping

Material	Allowable Stress Value		Design Factor	Ultimate Tensile Strength	
	Psig	bar		Psig	bar
316SS	20000	1378	3.75:1	75000	5170
Brass	10000	689	4:1	40000	2760
Steel	20000	1378	3:1	60000	4140

Pipe End Pressure Ratings

Calculations based on ASME B31.3 code for Process Piping

NPT/ISO Pipe Size Inches	316 SS and Carbon Steel				Brass			
	Male		Female		Male		Female	
	Psig	bar	Psig	bar	Psig	bar	Psig	bar
1/16	11000	760	6700	460	5500	380	3300	230
1/8	10000	690	6500	440	5000	340	3200	220
1/4	8000	550	6600	450	4000	270	3300	220
3/8	7800	540	5300	360	3900	270	2600	180
1/2	7700	530	4900	330	3800	260	2400	160
3/4	7300	500	4600	320	3600	250	2300	160
1	5300	370	4400	300	2600	180	2200	150
1.1/4	6000	410	5000	350	3000	200	2500	170
1.1/2	5000	340	4600	310	2500	170	2300	150
2	3900	270	3900	270	1900	130	1900	130

To determine working pressure ratings in accordance with ASME B31.1 Power Piping For 316 stainless steel, multiply psig by 0.94; for carbon steel multiply psig by 0.75; Brass ratings remain the same. To determine working pressure kPa multiply psig by 6.89

SAE Pressure Ratings

Pressure Ratings are from SAE J1926/3

SAE/MS Thread Size	316 SS and Carbon Steel			
	(Nonpositionable)		(Positionable)	
	Psig	bar	Psig	bar
5/16-24				
7/16-20			4568	315
1/2-20	4568	315		
9/16-18			3626	250
3/4-16				
7/8-14	3626	250	2900	200
1.1/16-12				
1.3/16-12	2900	200	2320	160
1.5/16-12				
1.5/8-12	2320	160	1813	125
1.7/8-12				
1.1/2-12	1813	125	1450	100

316 STAINLESS STEEL TWIN FERRULE IMPERIAL TUBE FITTINGS

stainless steel



Male Connectors



Male Thread, NPT

0292	OD	Thread
MC-125-125N	1/8"	1/8"
MC-125-250N	1/8"	1/4"
MC-125-375N	1/8"	3/8"
MC-125-500N	1/8"	1/2"
MC-187-125N	3/16"	1/8"
MC-187-250N	3/16"	1/4"
MC-250-125N	1/4"	1/8"
MC-250-250N	1/4"	1/4"
MC-250-375N	1/4"	3/8"
MC-250-500N	1/4"	1/2"
MC-250-750N	1/4"	3/4"
MC-312-125N	5/16"	1/8"
MC-312-250N	5/16"	1/4"
MC-312-375N	5/16"	3/8"
MC-312-500N	5/16"	1/2"
MC-375-125N	5/16"	1/8"
MC-375-250N	3/8"	1/4"
MC-375-375N	3/8"	3/8"
MC-375-500N	3/8"	1/2"
MC-375-750N	3/8"	3/4"
MC-500-125N	1/2"	1/8"
MC-500-250N	1/2"	1/4"
MC-500-375N	1/2"	3/8"
MC-500-500N	1/2"	1/2"
MC-500-750N	1/2"	3/4"
MC-500-1000N	1/2"	1"
MC-625-375N	5/8"	3/8"
MC-625-500N	5/8"	1/2"
MC-625-750N	5/8"	3/4"
MC-750-500N	3/4"	1/2"
MC-750-750N	3/4"	3/4"
MC-750-1000N	3/4"	1"
MC-875-750N	7/8"	3/4"
MC-875-1000N	7/8"	1"
MC-1000-500N	1"	1/2"
MC-1000-750N	1"	3/4"
MC-1000-1000N	1"	1"

Tech Sheet 20234



Male Thread, BSPT

0292	OD	Thread
MC-125-125RT	1/8"	1/8"
MC-125-250RT	1/8"	1/4"
MC-250-125RT	1/4"	1/8"
MC-250-250RT	1/4"	1/4"
MC-250-375RT	1/4"	3/8"
MC-250-500RT	1/4"	1/2"
MC-312-125RT	5/16"	1/8"
MC-312-250RT	5/16"	1/4"
MC-375-125RT	3/8"	1/8"
MC-375-250RT	3/8"	1/4"
MC-375-375RT	3/8"	3/8"
MC-375-500RT	3/8"	1/2"
MC-500-250RT	1/2"	1/4"
MC-500-375RT	1/2"	3/8"
MC-500-500RT	1/2"	1/2"
MC-500-750RT	1/2"	3/4"
MC-750-750RT	3/4"	3/4"
MC-1000-1000RT	1"	1"

Tech Sheet 20233



Male Thread, SAE/MS

0292	OD	Thread
MC-125-312SE	1/8"	5/16"-24
MC-125-562SE	1/8"	9/16"-18
MC-250-437SE	1/4"	7/16"-20
MC-250-750SE	1/4"	3/4"-16
MC-250-875SE	1/4"	7/8"-14
MC-312-500SE	5/16"	1/2"-20
MC-375-437SE	3/8"	7/16"-20
MC-375-562SE	3/8"	9/16"-18
MC-375-750SE	3/8"	3/4"-16
MC-375-875SE	3/8"	7/8"-14
MC-500-562SE	1/2"	9/16"-18
MC-500-750SE	1/2"	3/4"-16
MC-500-875SE	1/2"	7/8"-14
MC-500-1062SE	1/2"	1.1/16"-12
MC-625-750SE	5/8"	3/4"-16
MC-625-875SE	5/8"	7/8"-14
MC-750-750SE	3/4"	3/4"-16
MC-750-1062SE	3/4"	1.1/16"-12
MC-875-1187SE	7/8"	1.3/16"-12
MC-1000-1062SE	1"	1.1/16"-12
MC-1000-1312SE	1"	1.5/16"-12

Tech Sheet 20807



Male Thread, SAE/MS (Long)

0292	OD	Thread
LMC-250-437SE	1/4"	7/16"-20
LMC-312-500SE	5/16"	1/2"-20
LMC-375-562SE	3/8"	9/16"-18
LMC-500-750SE	1/2"	3/4"-16
LMC-625-875SE	5/8"	7/8"-14
LMC-750-1062SE	3/4"	1.1/16"-12
LMC-875-1187SE	7/8"	1.3/16"-12
LMC-1000-1312SE	1"	1.5/16"-12

Tech Sheet 20808



Male Thread, SAE/MS (Captive Seal)

0292	OD	Thread
OMC-125-312SE	1/8"	5/16"-24
OMC-187-375SE	3/16"	3/8"-24
OMC-250-437SE	1/4"	7/16"-20
OMC-312-500SE	5/16"	1/2"-20
OMC-375-562SE	3/8"	9/16"-18
OMC-500-750SE	1/2"	3/4"-16
OMC-750-1062SE	3/4"	1.1/16"-12
OMC-1000-1312SE	1"	1.5/16"-12

Tech Sheet 20809

Male Thread, BSPP (Captive Seal)

0292	OD	Thread
OMC-250-250EO	1/4"	1/4"
OMC-250-500EO	1/4"	1/2"
OMC-375-375EO	3/8"	3/8"
OMC-500-250EO	1/2"	1/4"
OMC-500-375EO	1/2"	3/8"
OMC-500-500EO	1/2"	1/2"
OMC-750-750EO	3/4"	3/4"

Tech Sheet 20809

316 STAINLESS STEEL TWIN FERRULE IMPERIAL TUBE FITTINGS

stainless steel



Male Connectors

Stainless steel washer with a Viton inner ring.



Male Thread-RS, BSPP

0292	OD	Thread
MC-125-125RS	1/8"	1/8"
MC-125-250RS	1/8"	1/4"
MC-125-375RS	1/8"	3/8"
MC-250-125RS	1/4"	1/8"
MC-250-250RS	1/4"	1/4"
MC-250-375RS	1/4"	3/8"
MC-250-500RS	1/4"	1/2"
MC-375-250RS	3/8"	1/4"
MC-375-375RS	3/8"	3/8"
MC-375-500RS	3/8"	1/2"
MC-500-250RS	1/2"	1/4"
MC-500-375RS	1/2"	3/8"
MC-500-500RS	1/2"	1/2"
MC-750-500RS	3/4"	1/2"
MC-750-750RS	3/4"	3/4"
MC-1000-500RS	1"	1/2"
MC-1000-1000RS	1"	1"

Tech Sheet 20810

Female Connectors



Female Thread, NPT

0292	OD	Thread
FC-125-125N	1/8"	1/8"
FC-125-250N	1/8"	1/4"
FC-187-125N	3/16"	1/8"
FC-250-125N	1/4"	1/8"
FC-250-250N	1/4"	1/4"
FC-250-375N	1/4"	3/8"
FC-250-500N	1/4"	1/2"
FC-312-125N	5/16"	1/8"
FC-312-250N	5/16"	1/4"
FC-312-375N	5/16"	3/8"
FC-375-125N	3/8"	1/8"
FC-375-250N	3/8"	1/4"
FC-375-375N	3/8"	3/8"
FC-375-500N	3/8"	1/2"
FC-375-750N	3/8"	3/4"
FC-500-250N	1/2"	1/4"
FC-500-375N	1/2"	3/8"
FC-500-500N	1/2"	1/2"
FC-500-750N	1/2"	3/4"
FC-625-375N	5/8"	3/8"
FC-625-500N	5/8"	1/2"
FC-625-750N	5/8"	3/4"
FC-750-500N	3/4"	1/2"
FC-750-750N	3/4"	3/4"
FC-875-750N	7/8"	3/4"
FC-1000-750N	1"	3/4"
FC-1000-1000N	1"	1"

Tech Sheet 20235

Female Thread, BSPT

0292	OD	Thread
FC-250-125RT	1/4"	1/8"
FC-250-250RT	1/4"	1/4"
FC-250-375RT	1/4"	3/8"
FC-250-500RT	1/4"	1/2"
FC-375-250RT	3/8"	1/4"
FC-375-375RT	3/8"	3/8"
FC-375-500RT	3/8"	1/2"
FC-500-250RT	1/2"	1/4"
FC-500-375RT	1/2"	3/8"
FC-500-500RT	1/2"	1/2"

Tech Sheet 20237

Female Thread, BSPP

0292	OD	Thread
FC-250-250RG	1/4"	1/4"
FC-250-375RG	1/4"	3/8"
FC-250-500RG	1/4"	1/2"
FC-312-250RG	5/16"	1/4"
FC-312-500RG	5/16"	1/2"
FC-375-250RG	3/8"	1/4"
FC-375-375RG	3/8"	3/8"
FC-375-500RG	3/8"	1/2"
FC-500-375RG	1/2"	3/8"
FC-500-500RG	1/2"	1/2"

Tech Sheet 20236

Bulkhead Male Connectors

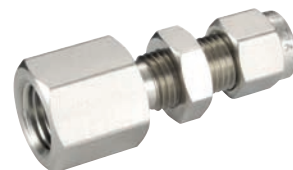


Male Thread, NPT

0292	OD	Thread
BMC-125-125N	1/8"	1/8"
BMC-187-125N	3/16"	1/8"
BMC-250-125N	1/4"	1/8"
BMC-250-250N	1/4"	1/4"
BMC-250-375N	1/4"	3/8"
BMC-250-500N	1/4"	1/2"
BMC-312-125N	5/16"	1/8"
BMC-312-250N	5/16"	1/4"
BMC-375-125N	3/8"	1/8"
BMC-375-250N	3/8"	1/4"
BMC-375-375N	3/8"	3/8"
BMC-500-250N	1/2"	1/4"
BMC-500-375N	1/2"	3/8"
BMC-500-500N	1/2"	1/2"
BMC-500-750N	1/2"	3/4"
BMC-625-375N	5/8"	3/8"
BMC-625-500N	5/8"	1/2"
BMC-750-500N	3/4"	1/2"
BMC-750-750N	3/4"	3/4"
BMC-875-750N	7/8"	3/4"
BMC-1000-750N	1"	3/4"

Tech Sheet 20814

Bulkhead Female Connectors



Female Thread, NPT

0292	OD	Thread
BFC-125-125N	1/8"	1/8"
BFC-187-125N	3/16"	1/8"
BFC-250-125N	1/4"	1/8"
BFC-250-250N	1/4"	1/4"
BFC-312-125N	5/16"	1/8"
BFC-375-250N	3/8"	1/4"
BFC-500-375N	1/2"	3/8"
BFC-500-500N	1/2"	1/2"
BFC-625-500N	5/8"	1/2"
BFC-750-750N	3/4"	3/4"
BFC-875-750N	7/8"	3/4"
BFC-1000-1000N	1"	1"

Tech Sheet 20815

316 STAINLESS STEEL TWIN FERRULE IMPERIAL TUBE FITTINGS

stainless
steel



Unions



Tube x Tube

0292	OD
U-125	1/8"
U-187	3/16"
U-250	1/4"
U-312	5/16"
U-375	3/8"
U-500	1/2"
U-625	5/8"
U-750	3/4"
U-875	7/8"
U-1000	1"

Tech Sheet 20297



Metric Tube x Imperial Tube

0292	OD mm	OD
U-3-125	3	1/8"
U-4-125	4	1/8"
U-4-250	4	1/4"
U-6-125	6	1/8"
U-6-250	6	1/4"
U-6-312	6	5/16"
U-8-250	8	1/4"
U-8-375	8	3/8"
U-10-125	10	1/8"
U-10-250	10	1/4"
U-10-312	10	5/16"
U-10-375	10	3/8"
U-12-312	12	5/16"
U-12-375	12	3/8"
U-12-500	12	1/2"
U-15-500	15	1/2"
U-18-750	18	3/4"
U-20-500	20	1/2"
U-20-1000	20	1"
U-25-1000	25	1"

Tech Sheet 20817

Reducing Unions



Tube x Tube

0292	OD	OD
RU-187-125	3/16"	1/8"
RU-250-125	1/4"	1/8"
RU-250-187	1/4"	3/16"
RU-312-125	5/16"	1/8"
RU-312-250	5/16"	1/4"
RU-375-125	3/8"	1/8"
RU-375-250	3/8"	1/4"
RU-375-312	3/8"	5/16"
RU-500-125	1/2"	1/8"
RU-500-250	1/2"	1/4"
RU-500-375	1/2"	3/8"
RU-625-375	5/8"	3/8"
RU-625-500	5/8"	1/2"
RU-750-250	3/4"	1/4"
RU-750-375	3/4"	3/8"
RU-750-500	3/4"	1/2"
RU-750-625	3/4"	5/8"
RU-1000-500	1"	1/2"
RU-1000-750	1"	3/4"

Tech Sheet 20298

Bulkhead Unions



Tube x Tube

0292	OD
BU-125	1/8"
BU-187	3/16"
BU-250	1/4"
BU-312	5/16"
BU-375	3/8"
BU-500	1/2"
BU-625	5/8"
BU-750	3/4"
BU-1000	1"

Tech Sheet 20238

Male Branch Tees



Male Thread, NPT

0292	OD	Thread
MBT-125-125N	1/8"	1/8"
MBT-125-250N	1/8"	1/4"
MBT-187-125N	3/16"	1/8"
MBT-250-125N	1/4"	1/8"
MBT-250-250N	1/4"	1/4"
MBT-312-125N	5/16"	1/8"
MBT-375-250N	3/8"	1/4"
MBT-375-375N	3/8"	3/8"
MBT-500-375N	1/2"	3/8"
MBT-500-500N	1/2"	1/2"
MBT-625-500N	5/8"	1/2"
MBT-750-750N	3/4"	3/4"

Tech Sheet 20240

Male Positionable Branch Tees



Male Thread, SAE/MS

0292	OD	Thread
MBTP-250-437SE	1/4"	7/16"-20
MBTP-375-562SE	3/8"	9/16"-18
MBTP-500-750SE	1/2"	3/4"-16
MBTP-750-1062SE	3/4"	1.1/16"-12
MBTP-1000-1312SE	1"	1.5/16"-12

Tech Sheet 20821

Male Thread, BSPP

0292	OD	Thread
MBTP-250-125PR	1/4"	1/8"
MBTP-250-250PR	1/4"	1/4"
MBTP-375-250PR	3/8"	1/4"
MBTP-500-375PR	1/2"	3/8"
MBTP-500-500PR	1/2"	1/2"
MBTP-625-500PR	5/8"	1/2"
MBTP-750-500PR	3/4"	1/2"
MBTP-750-750PR	3/4"	3/4"
MBTP-1000-1000PR	1"	1"

Tech Sheet 20822

Male Run Tees



Male Thread, NPT

0292	OD	Thread
MRT-125-125N	1/8"	1/8"
MRT-125-250N	1/8"	1/4"
MRT-187-125N	3/16"	1/8"
MRT-250-125N	1/4"	1/8"
MRT-250-250N	1/4"	1/4"
MRT-312-125N	5/16"	1/8"
MRT-375-250N	3/8"	1/4"
MRT-375-375N	3/8"	3/8"
MRT-500-375N	1/2"	3/8"
MRT-500-500N	1/2"	1/2"
MRT-625-500N	5/8"	1/2"
MRT-750-750N	3/4"	3/4"

Tech Sheet 20299

316 STAINLESS STEEL TWIN FERRULE IMPERIAL TUBE FITTINGS

stainless steel



Male Positionable Run Tees



Male Thread, SAE/MS

0292	OD	Thread
M RTP-250-437SE	1/4"	7/16"-20
M RTP-375-562SE	3/8"	9/16"-18
M RTP-500-750SE	1/2"	3/4"-16
M RTP-750-1062SE	3/4"	1.1/16"-12
M RTP-1000-1312SE	1"	1.5/16"-12

Tech Sheet 20824

Male Thread, BSPP

0292	OD	Thread
M RTP-250-125PR	1/4"	1/8"
M RTP-250-250PR	1/4"	1/4"
M RTP-375-250PR	3/8"	1/4"
M RTP-500-375PR	1/2"	3/8"
M RTP-500-500PR	1/2"	1/2"
M RTP-625-500PR	5/8"	1/2"
M RTP-750-500PR	3/4"	1/2"
M RTP-750-750PR	3/4"	3/4"
M RTP-1000-1000PR	1"	1"

Tech Sheet 20825

Female Branch Tees



Female Thread, NPT

0292	OD	Thread
F BT-125-125N	1/8"	1/8"
F BT-250-125N	1/4"	1/8"
F BT-250-250N	1/4"	1/4"
F BT-375-250N	3/8"	1/4"
F BT-375-375N	3/8"	3/8"
F BT-375-500N	3/8"	1/2"
F BT-500-250N	1/2"	1/4"
F BT-500-375N	1/2"	3/8"
F BT-500-500N	1/2"	1/2"
F BT-625-500N	5/8"	1/2"
F BT-750-750N	3/4"	3/4"
F BT-1000-750N	1"	3/4"
F BT-1000-1000N	1"	1"

Tech Sheet 20826

Female Run Tees



Female Thread, NPT

0292	OD	Thread
F RT-125-125N	1/8"	1/8"
F RT-250-125N	1/4"	1/8"
F RT-250-250N	1/4"	1/4"
F RT-375-250N	3/8"	1/4"
F RT-500-375N	1/2"	3/8"
F RT-500-500N	1/2"	1/2"
F RT-750-750N	3/4"	3/4"
F RT-1000-750N	1"	3/4"
F RT-1000-1000N	1"	1"

Tech Sheet 20239

Male Elbows



Male Thread, NPT

0292	OD	Thread
M E-125-125N	1/8"	1/8"
M E-125-250N	1/8"	1/4"
M E-187-125N	3/16"	1/8"
M E-187-250N	3/16"	1/4"
M E-250-125N	1/4"	1/8"
M E-250-250N	1/4"	1/4"
M E-250-375N	1/4"	3/8"
M E-250-500N	1/4"	1/2"
M E-312-125N	5/16"	1/8"
M E-312-250N	5/16"	1/4"
M E-312-375N	5/16"	3/8"
M E-375-125N	3/8"	1/8"
M E-375-250N	3/8"	1/4"
M E-375-375N	3/8"	3/8"
M E-375-500N	3/8"	1/2"
M E-375-750N	3/8"	3/4"
M E-500-250N	1/2"	1/4"
M E-500-375N	1/2"	3/8"
M E-500-500N	1/2"	1/2"
M E-500-750N	1/2"	3/4"
M E-625-375N	5/8"	3/8"
M E-625-500N	5/8"	1/2"
M E-625-750N	5/8"	3/4"
M E-750-500N	3/4"	1/2"
M E-750-750N	3/4"	3/4"
M E-875-750N	7/8"	3/4"
M E-1000-750N	1"	3/4"
M E-1000-1000N	1"	1"

Tech Sheet 20295

Male Thread, BSPT

0292	OD	Thread
M E-250-125RT	1/4"	1/8"
M E-250-250RT	1/4"	1/4"
M E-250-375RT	1/4"	3/8"
M E-250-500RT	1/4"	1/2"
M E-312-250RT	5/16"	1/4"
M E-375-250RT	3/8"	1/4"
M E-375-375RT	3/8"	3/8"

Tech Sheet 20294

Female Elbows



Female Thread, NPT

0292	OD	Thread
F E-125-125N	1/8"	1/8"
F E-125-250N	1/8"	1/4"
F E-187-125N	3/16"	1/8"
F E-250-125N	1/4"	1/8"
F E-250-250N	1/4"	1/4"
F E-250-375N	1/4"	3/8"
F E-250-500N	1/4"	1/2"
F E-312-125N	5/16"	1/8"
F E-312-250N	5/16"	1/4"
F E-375-125N	3/8"	1/8"
F E-375-250N	3/8"	1/4"
F E-375-375N	3/8"	3/8"
F E-375-500N	3/8"	1/2"
F E-500-250N	1/2"	1/4"
F E-500-375N	1/2"	3/8"
F E-500-500N	1/2"	1/2"
F E-625-375N	5/8"	3/8"
F E-625-500N	5/8"	1/2"
F E-750-500N	3/4"	1/2"
F E-750-750N	3/4"	3/4"
F E-875-750N	7/8"	3/4"
F E-1000-750N	1"	3/4"
F E-1000-1000N	1"	1"

Tech Sheet 20296

Positionable Elbows



Male Thread, SAE/MS

0292	OD	Thread
M EP-250-437SE	1/4"	7/16"-20
M EP-250-562SE	1/4"	9/16"-18
M EP-312-500SE	5/16"	1/2"-20
M EP-375-562SE	3/8"	9/16"-18
M EP-375-750SE	3/8"	3/4"-16
M EP-500-750SE	1/2"	3/4"-16
M EP-625-875SE	5/8"	7/8"-14
M EP-750-1062SE	3/4"	1.1/16"-12
M EP-875-1187SE	7/8"	1.3/16"-12
M EP-1000-1312SE	1"	1.5/16"-12

Tech Sheet 20831

Male Thread, BSPP

0292	OD	Thread
M EP-250-125PR	1/4"	1/8"
M EP-250-250PR	1/4"	1/4"
M EP-375-250PR	3/8"	1/4"
M EP-375-375PR	3/8"	3/8"
M EP-500-250PR	1/2"	1/4"
M EP-500-375PR	1/2"	3/8"
M EP-500-500PR	1/2"	1/2"
M EP-625-500PR	5/8"	1/2"
M EP-750-500PR	3/4"	1/2"
M EP-750-750PR	3/4"	3/4"
M EP-1000-750PR	1"	3/4"
M EP-1000-1000PR	1"	1"

Tech Sheet 20832

316 STAINLESS STEEL TWIN FERRULE IMPERIAL TUBE FITTINGS



Bulkhead Reducing Unions



Tube x Tube

0292	OD	OD
RBU-250-125	1/4"	1/8"
RBU-375-250	3/8"	1/4"
RBU-500-250	1/2"	1/4"

Tech Sheet 20833

Union Elbows



Tube x Tube

0292	OD
UE-125	1/8"
UE-187	3/16"
UE-250	1/4"
UE-312	5/16"
UE-375	3/8"
UE-500	1/2"
UE-625	5/8"
UE-750	3/4"
UE-875	7/8"
UE-1000	1"

Tech Sheet 20289

Reducing Union Elbows



Tube x Tube

0292	OD	OD
RUE-187-125	3/16"	1/8"
RUE-250-125	1/4"	1/8"
RUE-312-125	5/16"	1/8"
RUE-312-250	5/16"	1/4"
RUE-375-125	3/8"	1/8"
RUE-375-250	3/8"	1/4"
RUE-375-312	3/8"	5/16"
RUE-500-250	1/2"	1/4"
RUE-500-312	1/2"	5/16"
RUE-500-375	1/2"	3/8"
RUE-625-375	5/8"	3/8"
RUE-625-500	5/8"	1/2"
RUE-750-250	3/4"	1/4"
RUE-750-375	3/4"	3/8"
RUE-750-500	3/4"	1/2"
RUE-875-250	7/8"	1/4"
RUE-1000-500	1"	1/2"
RUE-1000-750	1"	3/4"

Tech Sheet 20835

Union Tees



Tube x Tube

0292	OD
UT-125	1/8"
UT-187	3/16"
UT-250	1/4"
UT-312	5/16"
UT-375	3/8"
UT-500	1/2"
UT-625	5/8"
UT-750	3/4"
UT-875	7/8"
UT-1000	1"

Tech Sheet 20288

Reducing Branch, Union Tees



Tube x Tube

0292	OD	OD
RUT-375-250	3/8"	1/4"
RUT-500-250	1/2"	1/4"
RUT-500-375	1/2"	3/8"
RUT-625-375	5/8"	3/8"
RUT-750-375	3/4"	3/8"
RUT-750-500	3/4"	1/2"
RUT-1000-375	1"	3/8"
RUT-1000-500	1"	1/2"
RUT-1000-750	1"	3/4"

Tech Sheet 20837

Union Crosses



Tube x Tube

0292	OD
UC-125	1/8"
UC-250	1/4"
UC-312	5/16"
UC-375	3/8"
UC-500	1/2"
UC-750	3/4"
UC-1000	1"

Tech Sheet 20290

AN Unions



Male Thread, AN

0292	OD	Thread
NU-125-125AN	1/8"	5/16"
NU-125-250AN	1/8"	7/16"
NU-250-250AN	1/4"	7/16"
NU-312-312AN	5/16"	1/2"
NU-375-250AN	3/8"	7/16"
NU-375-375AN	3/8"	9/16"
NU-500-500AN	1/2"	3/4"
NU-750-750AN	3/4"	1.1/16"
NU-1000-1000AN	1"	1.5/16"

Tech Sheet 20839

AN Bulkhead Unions



Male Thread, AN

0292	OD	Thread
ABU-250-250AN	1/4"	7/16"
ABU-375-375AN	3/8"	9/16"
ABU-500-500AN	1/2"	3/4"
ABU-750-750AN	3/4"	1.1/16"
ABU-1000-1000AN	1"	1.5/16"

Tech Sheet 20840

Weld Union, Sockets



Tube x Tube

0292	OD
SWU-125	1/8"
SWU-250	1/4"
SWU-375	3/8"
SWU-500	1/2"
SWU-750	3/4"
SWU-1000	1"

Tech Sheet 20841

Weld Elbow, Sockets



Tube x Tube

0292	OD
SWE-250	1/4"
SWE-375	3/8"
SWE-500	1/2"
SWE-750	3/4"
SWE-1000	1"

Tech Sheet 20842

316 STAINLESS STEEL TWIN FERRULE IMPERIAL TUBE FITTINGS

stainless steel



Weld Union, Connectors



Tube x Tube

0292	OD	Stem OD
MWC-125-125	1/8"	1/8"
MWC-187-125	3/16"	1/8"
MWC-250-125	1/4"	1/8"
MWC-250-250	1/4"	1/4"
MWC-312-125	5/16"	1/8"
MWC-312-250	5/16"	1/4"
MWC-375-250	3/8"	1/4"
MWC-375-375	3/8"	3/8"
MWC-375-500	3/8"	1/2"
MWC-375-750	3/8"	3/4"
MWC-500-375	1/2"	3/8"
MWC-500-500	1/2"	1/2"
MWC-500-750	1/2"	3/4"
MWC-625-500	5/8"	1/2"
MWC-750-750	3/4"	3/4"
MWC-1000-1000	1"	1"

Tech Sheet 20843

Weld Elbow, Connectors

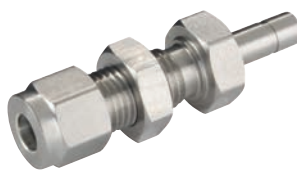


Tube x Tube

0292	OD	Stem OD
MWE-250-125	1/4"	1/8"
MWE-250-250	1/4"	1/4"
MWE-375-250	3/8"	1/4"
MWE-500-500	1/2"	1/2"
MWE-750-750	3/4"	3/4"

Tech Sheet 20844

Bulkhead Reducers



Tube x Tube

0292	OD
BR-125	1/8"
BR-250	1/4"
BR-375	3/8"
BR-500	1/2"
BR-625	5/8"
BR-1000	1"

Tech Sheet 20287

Reducers



Tube x Tube

0292	OD	Stem OD
R-125-125	1/8"	1/8"
R-125-187	1/8"	3/16"
R-125-250	1/8"	1/4"
R-125-375	1/8"	3/8"
R-125-500	1/8"	1/2"
R-187-125	3/16"	1/8"
R-187-250	3/16"	1/4"
R-250-125	1/4"	1/8"
R-250-187	1/4"	3/16"
R-250-250	1/4"	1/4"
R-250-312	1/4"	5/16"
R-250-375	1/4"	3/8"
R-250-500	1/4"	1/2"
R-250-625	1/4"	5/8"
R-250-750	1/4"	3/4"
R-312-375	5/16"	3/8"
R-312-500	5/16"	1/2"
R-375-250	3/8"	1/4"
R-375-375	3/8"	3/8"
R-375-500	3/8"	1/2"
R-375-625	3/8"	5/8"
R-375-750	3/8"	3/4"
R-500-250	1/2"	1/4"
R-500-375	1/2"	3/8"
R-500-500	1/2"	1/2"
R-500-625	1/2"	5/8"
R-500-750	1/2"	3/4"
R-500-1000	1/2"	1"
R-625-750	5/8"	3/4"
R-625-875	5/8"	7/8"
R-625-1000	5/8"	1"
R-750-500	3/4"	1/2"
R-750-1000	3/4"	1"

Tech Sheet 20286

Port Connectors



Tube x Tube

0292	OD
PC-125	1/8"
PC-250	1/4"
PC-312	5/16"
PC-375	3/8"
PC-500	1/2"
PC-750	3/4"
PC-1000	1"

Tech Sheet 20378

Reducing Port Connectors



Tube x Tube

0292	OD	Stem OD
RPC-250-125	1/4"	1/8"
RPC-375-125	3/8"	1/8"
RPC-375-250	3/8"	1/4"
RPC-500-250	1/2"	1/4"
RPC-750-500	3/4"	1/2"
RPC-1000-500	1"	1/2"
RPC-1000-750	1"	3/4"

Tech Sheet 20849

316 STAINLESS STEEL TWIN FERRULE IMPERIAL TUBE FITTINGS

stainless
steel



Caps



Tube

0292	OD
C-125-FT	1/8"
C-187	3/16"
C-250	1/4"
C-312	5/16"
C-375	3/8"
C-500	1/2"
C-625	5/8"
C-750	3/4"
C-875	7/8"
C-1000	1"

Tech Sheet 20284

Nuts



Tube

0292	OD
N-125-FT	1/8"
N-187	3/16"
N-250	1/4"
N-312	5/16"
N-375	3/8"
N-500	1/2"
N-625	5/8"
N-750	3/4"
N-875	7/8"
N-1000	1"

Tech Sheet 20283

Front Ferrules



Tube

0292	OD
FF-125	1/8"
FF-187	3/16"
FF-250	1/4"
FF-312	5/16"
FF-375	3/8"
FF-500	1/2"
FF-625	5/8"
FF-750	3/4"
FF-875	7/8"
FF-1000	1"

Tech Sheet 20854

Plugs



Tube

0292	OD
P-125	1/8"
P-187	3/16"
P-250	1/4"
P-312	5/16"
P-375	3/8"
P-500	1/2"
P-625	5/8"
P-750	3/4"
P-875	7/8"
P-1000	1"

Tech Sheet 20282

Back Ferrules



Tube

0292	OD
BF-125	1/8"
BF-187	3/16"
BF-250	1/4"
BF-312	5/16"
BF-375	3/8"
BF-500	1/2"
BF-625	5/8"
BF-750	3/4"
BF-875	7/8"
BF-1000	1"

Tech Sheet 20285

Lock Nuts



To suit Bulkheads

0292	OD
BLN-125	1/8"
BLN-187	3/16"
BLN-250	1/4"
BLN-312	5/16"
BLN-375	3/8"
BLN-500	1/2"
BLN-625	5/8"
BLN-750	3/4"
BLN-875	7/8"
BLN-1000	1"

Tech Sheet 20855

316 STAINLESS STEEL TWIN FERRULE METRIC TUBE FITTINGS

stainless
steel



Male Connectors



Male Thread, NPT

0292	OD mm	Thread
MC-3-125N	3	1/8"
MC-3-250N	3	1/4"
MC-4-125N	4	1/8"
MC-4-250N	4	1/4"
MC-6-125N	6	1/8"
MC-6-250N	6	1/4"
MC-6-375N	6	3/8"
MC-6-500N	6	1/2"
MC-8-125N	8	1/8"
MC-8-250N	8	1/4"
MC-8-375N	8	3/8"
MC-8-500N	8	1/2"
MC-10-125N	10	1/8"
MC-10-250N	10	1/4"
MC-10-375N	10	3/8"
MC-10-500N	10	1/2"
MC-10-750N	10	3/4"
MC-12-125N	12	1/8"
MC-12-250N	12	1/4"
MC-12-375N	12	3/8"
MC-12-500N	12	1/2"
MC-12-750N	12	3/4"
MC-14-250N	14	1/4"
MC-14-375N	14	3/8"
MC-14-500N	14	1/2"
MC-15-500N	15	1/2"
MC-16-375N	16	3/8"
MC-16-500N	16	1/2"
MC-16-750N	16	3/4"
MC-18-500N	18	1/2"
MC-18-750N	18	3/4"
MC-20-500N	20	1/2"
MC-20-750N	20	3/4"
MC-22-750N	22	3/4"
MC-22-1000N	22	1"
MC-25-500N	25	1/2"
MC-25-750N	25	3/4"
MC-25-1000N	25	1"

Tech Sheet 20281



Male Thread, BSPT

0292	OD mm	Thread
MC-3-125RT	3	1/8"
MC-3-250RT	3	1/4"
MC-4-125RT	4	1/8"
MC-4-250RT	4	1/4"
MC-6-125RT	6	1/8"
MC-6-250RT	6	1/4"
MC-6-375RT	6	3/8"
MC-6-500RT	6	1/2"
MC-8-125RT	8	1/8"
MC-8-250RT	8	1/4"
MC-8-375RT	8	3/8"
MC-8-500RT	8	1/2"
MC-10-125RT	10	1/8"
MC-10-250RT	10	1/4"
MC-10-375RT	10	3/8"
MC-10-500RT	10	1/2"
MC-12-125RT	12	1/8"
MC-12-250RT	12	1/4"
MC-12-375RT	12	3/8"
MC-12-500RT	12	1/2"
MC-12-750RT	12	3/4"
MC-15-500RT	15	1/2"
MC-16-250RT	16	1/4"
MC-16-375RT	16	3/8"
MC-16-500RT	16	1/2"
MC-16-750RT	16	3/4"
MC-18-500RT	18	1/2"
MC-18-750RT	18	3/4"
MC-20-500RT	20	1/2"
MC-20-750RT	20	3/4"
MC-22-750RT	22	3/4"
MC-22-1000RT	22	1"
MC-25-750RT	25	3/4"
MC-25-1000RT	25	1"

Tech Sheet 20278



Male Thread, BSPP (Captive Seal)

0292	OD mm	Thread
OMC-6-125EO	6	1/8"
OMC-6-250EO	6	1/4"
OMC-6-375EO	6	3/8"
OMC-6-500EO	6	1/2"
OMC-10-250EO	10	1/4"
OMC-10-375EO	10	3/8"
OMC-10-500EO	10	1/2"
OMC-12-250EO	12	1/4"
OMC-12-375EO	12	3/8"
OMC-12-500EO	12	1/2"

Tech Sheet 20856



Male Thread-RS, BSPP

0292	OD mm	Thread
MC-3-125RS	3	1/8"
MC-3-250RS	3	1/4"
MC-4-125RS	4	1/8"
MC-6-125RS	6	1/8"
MC-6-250RS	6	1/4"
MC-6-375RS	6	3/8"
MC-6-500RS	6	1/2"
MC-8-125RS	8	1/8"
MC-8-250RS	8	1/4"
MC-8-375RS	8	3/8"
MC-8-500RS	8	1/2"
MC-10-250RS	10	1/4"
MC-10-375RS	10	3/8"
MC-10-500RS	10	1/2"
MC-12-250RS	12	1/4"
MC-12-375RS	12	3/8"
MC-12-500RS	12	1/2"
MC-12-750RS	12	3/4"
MC-16-375RS	16	3/8"
MC-16-500RS	16	1/2"
MC-18-500RS	18	1/2"
MC-18-750RS	18	3/4"
MC-20-500RS	20	1/2"
MC-20-750RS	20	3/4"
MC-22-750RS	22	3/4"
MC-22-1000RS	22	1"
MC-25-750RS	25	3/4"
MC-25-1000RS	25	1"

Tech Sheet 20279

stainless
steel



You might also need
Stainless Steel Tubing
see page 1287

316 STAINLESS STEEL TWIN FERRULE METRIC TUBE FITTINGS

stainless
steel



Female Connectors



Female Thread, NPT

0292	OD mm	Thread
FC-3-125N	3	1/8"
FC-3-250N	3	1/4"
FC-4-125N	4	1/8"
FC-6-125N	6	1/8"
FC-6-250N	6	1/4"
FC-6-375N	6	3/8"
FC-6-500N	6	1/2"
FC-8-125N	8	1/8"
FC-8-250N	8	1/4"
FC-8-375N	8	3/8"
FC-8-500N	8	1/2"
FC-10-250N	10	1/4"
FC-10-375N	10	3/8"
FC-10-500N	10	1/2"
FC-12-250N	12	1/4"
FC-12-375N	12	3/8"
FC-12-500N	12	1/2"
FC-15-500N	15	1/2"
FC-16-500N	16	1/2"
FC-20-500N	20	1/2"
FC-20-750N	20	3/4"
FC-22-750N	22	3/4"
FC-22-1000N	22	1"
FC-25-750N	25	3/4"
FC-25-1000N	25	1"

Tech Sheet 20275

Female Thread, BSPT

0292	OD mm	Thread
FC-3-125RT	3	1/8"
FC-6-125RT	6	1/8"
FC-6-250RT	6	1/4"
FC-6-375RT	6	3/8"
FC-6-500RT	6	1/2"
FC-8-125RT	8	1/8"
FC-8-250RT	8	1/4"
FC-8-375RT	8	3/8"
FC-8-500RT	8	1/2"
FC-10-125RT	10	1/8"
FC-10-250RT	10	1/4"
FC-10-375RT	10	3/8"
FC-10-500RT	10	1/2"
FC-12-125RT	12	1/8"
FC-12-250RT	12	1/4"
FC-12-375RT	12	3/8"
FC-12-500RT	12	1/2"
FC-12-750RT	12	3/4"
FC-15-375RT	15	3/8"
FC-15-500RT	15	1/2"
FC-20-500RT	20	1/2"
FC-20-750RT	20	3/4"
FC-22-750RT	22	3/4"
FC-22-1000RT	22	1"
FC-25-750RT	25	3/4"
FC-25-1000RT	25	1"

Tech Sheet 20274



Female Thread, BSPP

0292	OD mm	Thread
FC-3-250RG	3	1/4"
FC-6-250RG	6	1/4"
FC-6-375RG	6	3/8"
FC-6-500RG	6	1/2"
FC-8-250RG	8	1/4"
FC-8-375RG	8	3/8"
FC-8-500RG	8	1/2"
FC-10-250RG	10	1/4"
FC-10-375RG	10	3/8"
FC-10-500RG	10	1/2"
FC-12-250RG	12	1/4"
FC-12-375RG	12	3/8"
FC-12-500RG	12	1/2"
FC-20-500RG	20	1/2"
FC-22-500RG	22	1/2"

Tech Sheet 20273

Bulkhead Male Connectors

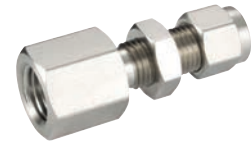


Male Thread, NPT

0292	OD mm	Thread
BMC-6-125N	6	1/8"
BMC-6-250N	6	1/4"
BMC-8-125N	8	1/8"
BMC-8-250N	8	1/4"
BMC-10-250N	10	1/4"
BMC-10-375N	10	3/8"
BMC-10-500N	10	1/2"
BMC-12-250N	12	1/4"
BMC-12-375N	12	3/8"
BMC-12-500N	12	1/2"

Tech Sheet 20276

Bulkhead Female Connectors



Female Thread, NPT

0292	OD mm	Thread
BFC-6-125N	6	1/8"
BFC-6-250N	6	1/4"
BFC-8-125N	8	1/8"
BFC-10-250N	10	1/4"
BFC-12-375N	12	3/8"
BFC-12-500N	12	1/2"

Tech Sheet 20277

316 STAINLESS STEEL TWIN FERRULE METRIC TUBE FITTINGS

stainless steel



Unions



Tube x Tube

0292	OD mm
U-3	3
U-4	4
U-6	6
U-8	8
U-10	10
U-12	12
U-15	15
U-16	16
U-18	18
U-20-FT	20
U-22	22
U-25	25

Tech Sheet 20266

Reducing Unions



Tube x Tube

0292	OD mm	OD mm
RU-6-3	6	3
RU-6-4	6	4
RU-8-6	8	6
RU-10-6	10	6
RU-10-8	10	8
RU-12-6	12	6
RU-12-8	12	8
RU-12-10	12	10
RU-16-10	16	10
RU-16-12	16	12
RU-18-12	18	12
RU-25-18	25	18
RU-25-20	25	20

Tech Sheet 20267

Bulkhead Unions



Tube x Tube

0292	OD mm
BU-3-FT	3
BU-4	4
BU-6	6
BU-8	8
BU-10	10
BU-12-FT	12
BU-14	14
BU-15	15
BU-16	16
BU-18	18
BU-20	20

Tech Sheet 20272

Male Branch Tees



Male Thread, NPT

0292	OD mm	Thread
MBT-6-125N	6	1/8"
MBT-6-250N	6	1/4"
MBT-8-125N	8	1/8"
MBT-8-250N	8	1/4"
MBT-10-250N	10	1/4"
MBT-12-250N	12	1/4"
MBT-12-375N	12	3/8"
MBT-12-500N	12	1/2"
MBT-16-500N	16	1/2"

Tech Sheet 20269

Male Positionable Branch Tees



Male Thread, BSPP

0292	OD mm	Thread
MBTP-6-125PR	6	1/8"
MBTP-6-250PR	6	1/4"
MBTP-8-125PR	8	1/8"
MBTP-8-250PR	8	1/4"
MBTP-10-250PR	10	1/4"
MBTP-12-375PR	12	3/8"
MBTP-12-500PR	12	1/2"

Tech Sheet 20861

Male Run Tees



Male Thread, NPT

0292	OD mm	Thread
MRT-6-125N	6	1/8"
MRT-6-250N	6	1/4"
MRT-8-250N	8	1/4"
MRT-12-250N	12	1/4"
MRT-12-375N	12	3/8"
MRT-12-500N	12	1/2"
MRT-16-500N	16	1/2"

Tech Sheet 20268

Male Positionable Run Tees



Male Thread, BSPP

0292	OD mm	Thread
MRTP-6-125PR	6	1/8"
MRTP-6-250PR	6	1/4"
MRTP-8-125PR	8	1/8"
MRTP-8-250PR	8	1/4"
MRTP-10-250PR	10	1/4"
MRTP-12-375PR	12	3/8"
MRTP-12-500PR	12	1/2"

Tech Sheet 20863

Female Branch Tees



Female Thread, NPT

0292	OD mm	Thread
FBT-6-125N	6	1/8"
FBT-6-250N	6	1/4"
FBT-8-125N	8	1/8"
FBT-8-250N	8	1/4"
FBT-10-250N	10	1/4"
FBT-12-250N	12	1/4"
FBT-12-375N	12	3/8"
FBT-16-500N	16	1/2"

Tech Sheet 20271

Female Run Tees



Female Thread, NPT

0292	OD mm	Thread
FRT-6-125N	6	1/8"
FRT-6-250N	6	1/4"
FRT-8-125N	8	1/8"
FRT-8-250N	8	1/4"
FRT-10-250N	10	1/4"
FRT-12-250N	12	1/4"
FRT-12-375N	12	3/8"
FRT-16-500N	16	1/2"

Tech Sheet 20270

316 STAINLESS STEEL TWIN FERRULE METRIC TUBE FITTINGS

stainless steel



Male Elbows



Male Thread, NPT

0292	OD mm	Thread
ME-3-250N	3	1/4"
ME-4-125N	4	1/8"
ME-4-250N	4	1/4"
ME-6-125N	6	1/8"
ME-6-250N	6	1/4"
ME-6-375N	6	3/8"
ME-6-500N	6	1/2"
ME-8-125N	8	1/8"
ME-8-250N	8	1/4"
ME-8-375N	8	3/8"
ME-8-500N	8	1/2"
ME-10-250N	10	1/4"
ME-10-375N	10	3/8"
ME-10-500N	10	1/2"
ME-12-250N	12	1/4"
ME-12-375N	12	3/8"
ME-12-500N	12	1/2"
ME-12-750N	12	3/4"
ME-15-500N	15	1/2"
ME-16-375N	16	3/8"
ME-16-500N	16	1/2"
ME-16-750N	16	3/4"
ME-18-500N	18	1/2"
ME-18-750N	18	3/4"
ME-20-500N	20	1/2"
ME-22-750N	22	3/4"
ME-22-1000N	22	1"
ME-25-750N	25	3/4"
ME-25-1000N	25	1"

Tech Sheet 20264



Male Thread, BSPT

0292	OD mm	Thread
ME-3-125RT	3	1/8"
ME-3-250RT	3	1/4"
ME-4-125RT	4	1/8"
ME-4-250RT	4	1/4"
ME-6-125RT	6	1/8"
ME-6-250RT	6	1/4"
ME-6-375RT	6	3/8"
ME-6-500RT	6	1/2"
ME-8-125RT	8	1/8"
ME-8-250RT	8	1/4"
ME-8-375RT	8	3/8"
ME-8-500RT	8	1/2"
ME-10-250RT	10	1/4"
ME-10-375RT	10	3/8"
ME-10-500RT	10	1/2"
ME-12-250RT	12	1/4"
ME-12-375RT	12	3/8"
ME-12-500RT	12	1/2"
ME-12-750RT	12	3/4"
ME-16-375RT	16	3/8"
ME-16-500RT	16	1/2"
ME-18-500RT	18	1/2"
ME-18-750RT	18	3/4"
ME-20-500RT	20	1/2"
ME-20-750RT	20	3/4"
ME-22-750RT	22	3/4"
ME-22-1000RT	22	1"
ME-25-750RT	25	3/4"
ME-25-1000RT	25	1"

Tech Sheet 20263

Female Elbows



Female Thread, NPT

0292	OD mm	Thread
FE-6-125N	6	1/8"
FE-6-250N	6	1/4"
FE-6-500N	6	1/2"
FE-8-250N	8	1/4"
FE-10-125N	10	1/8"
FE-10-250N	10	1/4"
FE-12-250N	12	1/4"
FE-12-375N	12	3/8"
FE-12-500N	12	1/2"
FE-16-500N	16	1/2"

Tech Sheet 20265

Positionable Elbows



Male Thread, BSPP

0292	OD mm	Thread
MEP-6-125PR	6	1/8"
MEP-6-250PR	6	1/4"
MEP-8-125PR	8	1/8"
MEP-8-250PR	8	1/4"
MEP-10-250PR	10	1/4"
MEP-10-375PR	10	3/8"
MEP-12-250PR	12	1/4"
MEP-12-375PR	12	3/8"
MEP-12-500PR	12	1/2"
MEP-12-750PR	12	3/4"

Tech Sheet 20265

Union Elbows



Tube x Tube

0292	OD mm
UE-3	3
UE-4	4
UE-6	6
UE-8	8
UE-10	10
UE-12	12
UE-14	14
UE-15	15
UE-16	16
UE-18	18
UE-20	20
UE-22	22
UE-25	25

Tech Sheet 20261

Union Tees



Tube x Tube

0292	OD mm
UT-3	3
UT-4	4
UT-6	6
UT-8	8
UT-10	10
UT-12	12
UT-14	14
UT-15	15
UT-16	16
UT-18	18
UT-20	20
UT-22	22
UT-25	25

Tech Sheet 20260

Union Crosses



Tube x Tube

0292	OD mm
UC-3	3
UC-6	6
UC-8	8
UC-10	10
UC-12	12
UC-16	16
UC-18	18
UC-20	20
UC-25	25

Tech Sheet 20262

316 STAINLESS STEEL TWIN FERRULE METRIC TUBE FITTINGS

stainless steel



Weld Union, Connectors



Tube x Tube

0292	OD mm	Stem OD
MWC-3-125	3	1/8"
MWC-4-125	4	1/8"
MWC-6-125	6	1/8"
MWC-6-250	6	1/4"
MWC-8-125	8	1/8"
MWC-8-250	8	1/4"
MWC-8-500	8	1/2"
MWC-10-250	10	1/4"
MWC-10-500	10	1/2"
MWC-12-250	12	1/4"
MWC-12-375	12	3/8"
MWC-12-500	12	1/2"
MWC-14-375	14	3/8"
MWC-15-500	15	1/2"
MWC-16-500	16	1/2"
MWC-18-500	18	1/2"

Tech Sheet 20873

Port Connectors



Tube x Tube

0292	OD mm
PC-3	3
PC-6	6
PC-8	8
PC-10	10
PC-12-FT	12
PC-15-FT	15
PC-16	16
PC-18-FT	18
PC-20	20
PC-25	25

Tech Sheet 20874

Reducing Port Connectors



Tube x Tube

0292	OD mm	Stem OD mm
RPC-6-3	6	3
RPC-8-6	8	6
RPC-10-6	10	6
RPC-10-8	10	8
RPC-12-6	12	6
RPC-12-8	12	8
RPC-12-10	12	10
RPC-16-12	16	12

Tech Sheet 20875

Reducers



Tube x Tube

0292	OD mm	Stem OD mm
R-3-4	3	4
R-3-6	3	6
R-3-10	3	10
R-4-6	4	6
R-6-3	6	3
R-6-8	6	8
R-6-10	6	10
R-6-12	6	12
R-6-18	6	18
R-8-6	8	6
R-8-10	8	10
R-8-12	8	12
R-10-6	10	6
R-10-12	10	12
R-10-15	10	15
R-10-18	10	18
R-12-6	12	6
R-12-8	12	8
R-12-10	12	10
R-12-16	12	16
R-12-18	12	18
R-12-20	12	20
R-12-22	12	22
R-12-25	12	25
R-16-12	16	12
R-18-12	18	12
R-18-16	18	16
R-18-20	18	20
R-18-22	18	22
R-18-25	18	25
R-20-16	20	16
R-20-22	20	22
R-20-25	20	25
R-22-18	22	18
R-22-20	22	20
R-22-25	22	25
R-25-18	25	18
R-25-20	25	20

Tech Sheet 20258



Metric Tube x Imperial Tube

0292	OD mm	Stem OD
R-3-125	3	1/8"
R-3-250	3	1/4"
R-4-250	4	1/4"
R-6-125	6	1/8"
R-6-250	6	1/4"
R-6-312	6	5/16"
R-6-375	6	3/8"
R-6-500	6	1/2"
R-8-375	8	3/8"
R-8-500	8	1/2"
R-10-375	10	3/8"
R-10-500	10	1/2"
R-12-500	12	1/2"
R-12-750	12	3/4"
R-18-750	18	3/4"
R-25-1000	25	1"

Tech Sheet 20877

Caps



Tube

0292	OD mm
C-3	3
C-4	4
C-6	6
C-8	8
C-10	10
C-12	12
C-14	14
C-15	15
C-16	16
C-18	18
C-20	20
C-22	22
C-25	25

Tech Sheet 20259

316 STAINLESS STEEL TWIN FERRULE METRIC TUBE FITTINGS

stainless steel



Plugs



Tube

0292	OD mm
P-3-FT	3
P-4	4
P-6-FT	6
P-8	8
P-10	10
P-12	12
P-15	15
P-16	16
P-18	18
P-20	20
P-22	22
P-25	25

Tech Sheet 20254

Nuts



Tube

0292	OD mm
N-3	3
N-4	4
N-6	6
N-8	8
N-10	10
N-12	12
N-15	15
N-16	16
N-18	18
N-20	20
N-25	25

Tech Sheet 20255

Back Ferrules



Tube

0292	OD mm
BF-3	3
BF-4	4
BF-6	6
BF-8	8
BF-10	10
BF-12	12
BF-14	14
BF-15	15
BF-16	16
BF-18	18
BF-20	20
BF-22	22
BF-25	25

Tech Sheet 20257

Front Ferrules



Tube

0292	OD mm
FF-3	3
FF-4	4
FF-6	6
FF-8	8
FF-10	10
FF-12	12
FF-14	14
FF-15	15
FF-16	16
FF-18	18
FF-20	20
FF-22	22
FF-25	25

Tech Sheet 20256

Lock Nuts



To suit Bulkheads

0292	OD mm
BLN-3	3
BLN-4	4
BLN-6	6
BLN-8	8
BLN-10-FT	10
BLN-12-FT	12
BLN-14	14
BLN-16-FT	16
BLN-18	18
BLN-20-FT	20

Tech Sheet 20883

stainless steel



For Stainless Steel Tubing see page 1287

HYDRAULIC STAINLESS STEEL ADAPTORS

stainless steel



Male x Male Straight Adaptors



BSPP x BSPP

0044	Thread	Thread
2025-1401	1/8"	1/8"
2025-1419	1/4"	1/8"
2025-1427	1/4"	1/4"
2025-1435	3/8"	1/8"
2025-1443	3/8"	1/4"
2025-1450	3/8"	3/8"
2025-1468	1/2"	1/4"
2025-1476	1/2"	3/8"
2025-1484	1/2"	1/2"
2025-1495	5/8"	1/2"
2025-1505	5/8"	5/8"
2025-1520	3/4"	1/4"
2025-1526	3/4"	3/8"
2025-1534	3/4"	1/2"
2025-1538	3/4"	5/8"
2025-1559	3/4"	3/4"
2025-1567	1"	1/2"
2025-1572	1"	5/8"
2025-1583	1"	3/4"
2025-1591	1"	1"
2025-1595	1.1/4"	3/4"
2025-1600	1.1/4"	1"
2025-1609	1.1/4"	1.1/4"
2025-1611	1.1/2"	1"
2025-1615	1.1/2"	1.1/4"
2025-1617	1.1/2"	1.1/2"
2025-1620	2"	1.1/2"
2025-1625	2"	2"

Tech Sheet 20884



BSPP x BSPT

0044	Thread
2033-9693	1/4"
2033-9761	3/8"
2033-9719	1/2"
2033-9727	3/4"
2033-9735	1"

Tech Sheet 20884

BSPP x NPT



0044	BSPP Thread	NPT Thread
2025-1633	1/8"	1/8"
2025-1636	1/8"	1/4"
2025-1639	1/4"	1/8"
2025-1641	1/4"	1/4"
2025-1643	1/4"	3/8"
2025-1656	3/8"	1/4"
2025-1658	3/8"	3/8"
2025-1661	3/8"	1/2"
2025-1671	1/2"	3/8"
2025-1674	1/2"	1/2"
2025-1677	5/8"	1/2"
2025-1679	5/8"	3/4"
2025-1681	3/4"	1/2"
2025-1682	3/4"	3/4"
2025-1684	3/4"	1"
2025-1687	1"	3/4"
2025-1690	1"	1"
2025-1700	1.1/4"	1.1/4"
2025-1710	1.1/2"	1.1/2"
2025-1720	2"	2"

Tech Sheet 20884



BSPT x BSPT

0044	Thread	Thread
2025-1708	1/8"	1/8"
2025-1715	1/4"	1/8"
2025-1724	1/4"	1/4"
2025-1727	3/8"	1/8"
2025-1732	3/8"	1/4"
2025-1740	3/8"	3/8"
2025-1845	1/2"	1/8"
2025-1852	1/2"	1/4"
2025-1856	1/2"	3/8"
2025-1865	1/2"	1/2"
2025-1881	3/4"	1/8"
2025-1885	3/4"	1/4"
2025-1889	3/4"	3/8"
2025-1894	3/4"	1/2"
2025-1898	3/4"	3/4"
2025-1905	1"	1/8"
2025-1910	1"	1/4"
2025-1915	1"	3/8"
2025-1920	1"	1/2"
2025-1925	1"	3/4"
2025-1931	1"	1"
2025-1935	1.1/4"	1"
2025-1940	1.1/4"	1.1/4"
2025-1945	1.1/2"	1"
2025-1950	1.1/2"	1.1/2"
2025-1956	2"	1"
2025-1960	2"	1.1/2"
2025-1965	2"	2"

Tech Sheet 20884

Male x Female Straight Adaptors



Male x Female Swivel, BSPP

0044	Male Thread	Female Thread
2025-1930	1/8"	1/8"
2025-1948	1/4"	1/4"
2025-1955	1/4"	3/8"
2025-1961	1/4"	1/2"
2025-1963	3/8"	1/4"
2025-1971	3/8"	3/8"
2025-1989	3/8"	1/2"
2025-1997	1/2"	3/8"
2025-2003	1/2"	1/2"
2025-2020	1/2"	3/4"
2025-2029	3/4"	1/2"
2025-2037	3/4"	3/4"
2025-2043	3/4"	1"
2025-2060	1"	1"

Tech Sheet 20884

Female Swivel, BSPP x BSPT Male

0044	Thread
2033-9862	1/8"
2033-9867	1/4"
2033-9875	3/8"
2033-9883	1/2"
2033-9891	3/4"
2033-9896	1"

Tech Sheet 20884



Male x Female Fixed, BSPP

0044	Male Thread	Female Thread
2025-8121	1/8"	1/8"
2025-8131	1/4"	1/8"
2025-8142	1/4"	1/4"
2025-8151	3/8"	1/8"
2025-8161	3/8"	1/4"
2025-8171	3/8"	3/8"
2025-8181	1/2"	1/4"
2025-8201	1/2"	3/8"
2025-8211	1/2"	1/2"
2025-8191	3/4"	1/4"
2025-8221	3/4"	3/8"
2025-8231	3/4"	1/2"
2025-8241	3/4"	3/4"
2025-8251	1"	1/2"
2025-8261	1"	1"
2025-8271	1"	3/4"
2025-8281	1.1/4"	1/2"
2025-8291	1.1/4"	3/4"
2025-8301	1.1/4"	1"
2025-8311	1.1/4"	1.1/4"
2025-8321	1.1/2"	3/4"
2025-8331	1.1/2"	1"
2025-8341	1.1/2"	1.1/2"
2025-8351	1.1/2"	1.1/4"
2025-8361	2"	2"

Tech Sheet 20884

HYDRAULIC STAINLESS STEEL ADAPTORS

stainless steel



Female x Female Straight Adaptors



Swivel, BSPP

0044	Thread	Thread
2025-2078	1/4"	1/4"
2025-2082	3/8"	1/4"
2025-2086	3/8"	3/8"
2025-2089	1/2"	1/4"
2025-2093	1/2"	3/8"
2025-2094	1/2"	1/2"
2025-2100	5/8"	5/8"
2025-2122	3/4"	1/2"
2025-2132	3/4"	3/4"
2025-2110	1"	1"

Tech Sheet 20884

Fixed Female Hexagon Socket, BSPP



0044	Thread
2025-2466	1/8"
2025-2474	1/4"
2025-2482	3/8"
2025-2490	1/2"
2025-2508	3/4"
2025-2516	1"

Tech Sheet 20884

Elbows



Equal Elbow, BSPP

0044	Thread
2033-9922	1/8"
2033-9933	1/4"
2033-9941	3/8"
2033-9958	1/2"
2033-9962	5/8"
2033-9963	3/4"
2033-9974	1"
2033-9982	1.1/4"
2033-9992	1.1/2"

Tech Sheet 20884

Male x Female Swivel, BSPP



0044	Thread
2025-2185	1/8"
2025-2193	1/4"
2025-2201	3/8"
2025-2219	1/2"
2025-2223	5/8"
2025-2227	3/4"
2025-2232	1"
2025-2240	1.1/4"
2025-2245	1.1/2"

Tech Sheet 20884

Female Swivel, BSPP



0044	Thread
2025-2128	1/8"
2025-2136	1/4"
2025-2151	1/2"
2025-2169	3/4"

Tech Sheet 20884

Tees



Male, BSPP

0044	Thread
2025-2321	1/8"
2025-2326	1/4"
2025-2334	3/8"
2025-2342	1/2"
2025-2449	3/4"
2025-2354	1"

Tech Sheet 20884



Female Swivel, BSPP

0044	Thread
2025-2250	1/4"
2025-2258	3/8"
2025-2263	1/2"
2025-2273	5/8"
2025-2283	3/4"
2025-2293	1"

Tech Sheet 20884



Female Swivel Branch, BSPP

0044	Thread
2025-4001	1/8"
2025-4011	1/4"
2025-4021	3/8"
2025-4031	1/2"
2025-4041	3/4"
2025-4051	1"

Tech Sheet 20884



Female Swivel Run, BSPP

0044	Thread
2025-4501	1/8"
2025-4511	1/4"
2025-4521	3/8"
2025-4531	1/2"
2025-4541	3/4"
2025-4551	1"

Tech Sheet 20884

Bulkhead complete with Locknut



BSPP

0044	Thread
2025-2391	1/4"
2025-2409	3/8"
2025-2417	1/2"
2025-2425	5/8"
2025-2433	3/4"
2025-2441	1"
2025-2445	1.1/4"
2025-2450	1.1/2"

Tech Sheet 20884

Plugs



BSPP

0044	Thread
2033-4002	1/8"
2033-4012	1/4"
2033-4022	3/8"
2033-4032	1/2"
2033-4042	5/8"
2033-4052	3/4"
2033-4062	1"
2033-4072	1.1/4"
2033-4082	1.1/2"
2033-4092	2"

Tech Sheet 20884



BSPT

0044	Thread
2025-2524	1/8"
2025-2532	1/4"
2025-2540	3/8"
2025-2557	1/2"
2025-2565	3/4"
2025-2573	1"
2025-2582	1.1/4"
2025-2592	1.1/2"
2025-2602	2"

Tech Sheet 20884

Caps



BSPP

0044	Thread
2033-8301	1/8"
2033-8311	1/4"
2033-8321	3/8"
2033-8331	1/2"
2033-8341	3/4"
2033-8351	1"

Tech Sheet 20884

316 PRECISION INSTRUMENTATION PIPE FITTINGS

stainless steel



Hexagon Nipples



Male x Male, NPT

0342	Thread
PHN-01	1/16"
PHN-02	1/8"
PHN-04	1/4"
PHN-06	3/8"
PHN-08	1/2"
PHN-12	3/4"
PHN-16	1"

Tech Sheet 20885

Hexagon Nipples, Long



Male x Male, NPT

0342	Thread	Length
PHNL-02-L1.5	1/8"	1.5"
PHNL-02-L2	1/8"	2"
PHNL-02-L3	1/8"	3"
PHNL-02-L4	1/8"	4"
PHNL-02-L6	1/8"	6"
PHNL-04-L1.5	1/4"	1.5"
PHNL-04-L2	1/4"	2"
PHNL-04-L3	1/4"	3"
PHNL-04-L4	1/4"	4"
PHNL-04-L6	1/4"	6"
PHNL-06-L1.5	3/8"	1.5"
PHNL-06-L2	3/8"	2"
PHNL-06-L3	3/8"	3"
PHNL-06-L4	3/8"	4"
PHNL-06-L6	3/8"	6"
PHNL-08-L1.5	1/2"	1.5"
PHNL-08-L2	1/2"	2"
PHNL-08-L3	1/2"	3"
PHNL-08-L4	1/2"	4"
PHNL-08-L6	1/2"	6"
PHNL-12-L2	3/4"	2"
PHNL-12-L3	3/4"	3"
PHNL-12-L4	3/4"	4"
PHNL-12-L6	3/4"	6"
PHNL-16-L1.5	1"	1.5"
PHNL-16-L2	1"	2"
PHNL-16-L3	1"	3"
PHNL-16-L4	1"	4"
PHNL-16-L6	1"	6"

Tech Sheet 20885

Reducing Hexagon Nipples



Male x Male, NPT

0342	Thread	Thread
PRHN-02-01	1/8"	1/16"
PRHN-04-02	1/4"	1/8"
PRHN-06-02	3/8"	1/8"
PRHN-06-04	3/8"	1/4"
PRHN-08-02	1/2"	1/8"
PRHN-08-04	1/2"	1/4"
PRHN-08-06	1/2"	3/8"
PRHN-12-06	3/4"	1/4"
PRHN-12-08	3/4"	1/2"
PRHN-16-08	1"	1/2"
PRHN-16-12	1"	3/4"

Tech Sheet 20885

Hexagon Coupling



Female x Female, NPT

0342	Thread
PHC-02	1/8"
PHC-04	1/4"
PHC-06	3/8"
PHC-08	1/2"
PHC-12	3/4"
PHC-16	1"

Tech Sheet 20885

Reducing Hexagon Couplings



Female x Female, NPT

0342	Thread	Thread
PRC-04-02	1/4"	1/8"
PRC-06-04	3/8"	1/4"
PRC-08-02	1/2"	1/8"
PRC-08-04	1/2"	1/4"
PRC-08-06	1/2"	3/8"
PRC-12-04	3/4"	1/4"
PRC-12-08	3/4"	1/2"
PRC-16-08	1"	1/2"

Tech Sheet 20885

Equal Male x Female Adaptors



Male x Female, NPT

0342	Thread
PPA-02	1/8"
PPA-04	1/4"
PPA-06	3/8"
PPA-08	1/2"
PPA-12	3/4"
PPA-16	1"

Tech Sheet 20885

Reducing Male x Female Adaptors



Male x Female, NPT

0342	Male Thread	Female Thread
PRA-02-01	1/16"	1/8"
PRA-04-02	1/8"	1/4"
PRA-06-02	1/8"	3/8"
PRA-06-04	1/4"	3/8"
PRA-08-02	1/8"	1/2"
PRA-08-04	1/4"	1/2"
PRA-08-06	3/8"	1/2"
PRA-12-04	1/4"	3/4"
PRA-12-06	3/8"	3/4"
PRA-12-08	1/2"	3/4"
PRA-16-04	1/4"	1"
PRA-16-08	1/2"	1"
PRA-16-12	3/4"	1"

Tech Sheet 20885

Gauge Adaptor



Male NPT x Female, BSPP

0342	Male Thread	Female Thread
PGA-04-04	1/4"	1/4"
PGA-06-06	3/8"	3/8"
PGA-08-08	1/2"	1/2"

Tech Sheet 20885

316 PRECISION INSTRUMENTATION PIPE FITTINGS



Reducing Bushes



Male x Female, NPT

0342	Male Thread	Female Thread
PRB-02-01	1/8"	1/16"
PRB-04-02	1/4"	1/8"
PRB-06-02	3/8"	1/8"
PRB-06-04	3/8"	1/4"
PRB-08-02	1/2"	1/8"
PRB-08-04	1/2"	1/4"
PRB-08-06	1/2"	3/8"
PRB-12-04	3/4"	1/4"
PRB-12-06	3/4"	3/8"
PRB-12-08	3/4"	1/2"
PRB-16-04	1"	1/4"
PRB-16-06	1"	3/8"
PRB-16-08	1"	1/2"
PRB-16-12	1"	3/4"

Tech Sheet 20885

Pipe Caps



NPT

0342	Thread
PCP-02	1/8"
PCP-04	1/4"
PCP-06	3/8"
PCP-08	1/2"
PCP-12	3/4"
PCP-16	1"

Tech Sheet 20885

Pipe Plugs



NPT

0342	Thread
PP-01	1/16"
PP-02	1/8"
PP-04	1/4"
PP-06	3/8"
PP-08	1/2"
PP-12	3/4"
PP-16	1"

Tech Sheet 20885

Equal Elbows



Female, NPT

0342	Thread
PPFE-02	1/8"
PPFE-04	1/4"
PPFE-06	3/8"
PPFE-08	1/2"
PPFE-12	3/4"
PPFE-16	1"

Tech Sheet 20885



Male, NPT

0342	Thread
PPME-02	1/8"
PPME-04	1/4"
PPME-06	3/8"
PPME-08	1/2"

Tech Sheet 20885



Male x Female, NPT

0342	Thread
PSE-01	1/16"
PSE-02	1/8"
PSE-04	1/4"
PSE-06	3/8"
PSE-08	1/2"
PSE-12	3/4"
PSE-16	1"

Tech Sheet 20885

Equal Tees



Female, NPT

0342	Thread
PFT-02	1/8"
PFT-04	1/4"
PFT-06	3/8"
PFT-08	1/2"
PFT-12	3/4"
PFT-16	1"

Tech Sheet 20885



Male, NPT

0342	Thread
PMT-02	1/8"
PMT-04	1/4"
PMT-06	3/8"
PMT-08	1/2"

Tech Sheet 20885

Branch Tees



Female x Male, NPT

0342	Thread
PBT-02	1/8"
PBT-04	1/4"
PBT-06	3/8"
PBT-08	1/2"

Tech Sheet 20885

Equal Crosses



Female, NPT

0342	Thread
PPC-02	1/8"
PPC-04	1/4"
PPC-06	3/8"
PPC-08	1/2"
PPC-12	3/4"
PPC-16	1"

Tech Sheet 20885

316 STAINLESS STEEL ADAPTORS



stainless steel



Threads:

Tapered gas in conformity with ISO 7.1, BS 21, DIN 2999.
 Parallel gas in conformity with ISO 228 Class A.
 Metric in conformity with ISO R/262.

Working Temperature:
 -110°C to +300°C

Maximum Working Pressure:
 -0.99 - 140 bar

Adaptors



Equal Male Thread, BSPT

0188	Thread
62000-1/8	1/8"
62000-1/4	1/4"
62000-3/8	3/8"
62000-1/2	1/2"
62000-3/4	3/4"

Tech Sheet 10708



Unequal Male Thread, BSPT

0188	Thread	Thread
62020-1/8-1/4	1/8"	1/4"
62020-1/8-3/8	1/8"	3/8"
62020-1/4-3/8	1/4"	3/8"
62020-1/4-1/2	1/4"	1/2"
62020-3/8-1/2	3/8"	1/2"
62020-1/2-3/4	1/2"	3/4"

Tech Sheet 10708



Male Thread, BSPT x Female Thread, BSPP

0188	Male Thread	Female Thread
62040-1/8-1/4	1/8"	1/4"
62040-1/4-3/8	1/4"	3/8"
62040-1/4-1/2	1/4"	1/2"
62040-3/8-1/2	3/8"	1/2"
62040-1/2-3/4	1/2"	3/4"

Tech Sheet 10708

Reducing Bush



Male Thread, BSPT x Female Thread, BSPP

0188	Male Thread	Female Thread
62080-1/4-1/8	1/4"	1/8"
62080-3/8-1/8	3/8"	1/8"
62080-3/8-1/4	3/8"	1/4"
62080-1/2-1/4	1/2"	1/4"
62080-1/2-3/8	1/2"	3/8"
62080-3/4-1/2	3/4"	1/2"

Tech Sheet 10708

Sockets



Equal Female Thread, BSPP

0188	Thread
62300-1/8	1/8"
62300-1/4	1/4"
62300-3/8	3/8"
62300-1/2	1/2"
62300-3/4	3/4"

Tech Sheet 10708



Unequal Female Thread, BSPP

0188	Thread	Thread
62310-1/8-1/4	1/8"	1/4"
62310-1/4-3/8	1/4"	3/8"
62310-3/8-1/2	3/8"	1/2"
62310-1/2-3/4	1/2"	3/4"

Tech Sheet 10708

Blanking Plugs



FKM O-Ring & Hexagon Recess, Male Thread, BSPP

0188	Thread
62315-M5	M5
62315-1/8	1/8"
62315-1/4	1/4"
62315-3/8	3/8"
62315-1/2	1/2"

Tech Sheet 10708



Male Thread, BSPP

0188	Thread
62320-1/8	1/8"
62320-1/4	1/4"
62320-3/8	3/8"
62320-1/2	1/2"
62320-3/4	3/4"

Tech Sheet 10708

Male Plugs



Male Thread, BSPT

0188	Thread
62325-1/8	1/8"
62325-1/4	1/4"
62325-3/8	3/8"
62325-1/2	1/2"

Tech Sheet 10708

316 STAINLESS STEEL ADAPTORS

stainless
steel


AIGNEP

Threads:

Tapered gas in conformity with ISO 7.1, BS 21, DIN 2999.

Parallel gas in conformity with ISO 228 Class A.

Metric in conformity with ISO R/262.

 **Working Temperature:**
-110°C to +300°C

 **Maximum Working Pressure:**
-0.99 - 140 bar

Equal Tees



Female Thread, BSPP

0188	Thread
62400-1/8	1/8"
62400-1/4	1/4"
62400-3/8	3/8"
62400-1/2	1/2"

Tech Sheet 10708



Female BSPP Run Tee x Male BSPT Branch

0188	Thread
62440-1/8	1/8"
62440-1/4	1/4"
62440-3/8	3/8"
62440-1/2	1/2"

Tech Sheet 10708



Male BSPT x Female BSPP Run Tee x Female BSPP Branch

0188	Thread
62450-1/8	1/8"
62450-1/4	1/4"
62450-3/8	3/8"
62450-1/2	1/2"

Tech Sheet 10708

Equal Elbows



Female Thread, BSPP

0188	Thread
62510-1/8	1/8"
62510-1/4	1/4"
62510-3/8	3/8"
62510-1/2	1/2"

Tech Sheet 10708



Male Thread, BSPT x Female Thread, BSPP

0188	Thread
62520-1/8	1/8"
62520-1/4	1/4"
62520-3/8	3/8"
62520-1/2	1/2"

Tech Sheet 10708



Bulkhead with Locknut

Female Thread, BSPP

0188	Thread
62360-1/8	1/8"
62360-1/4	1/4"
62360-3/8	3/8"
62360-1/2	1/2"
62360-3/4	3/4"

Tech Sheet 10708

37° JIC STAINLESS STEEL FLARE FITTINGS

stainless
steel

Male Stud Couplings



UNF

0215	Thread
205BM6	7/16"-20
205BM8	1/2"-20
205BM10	9/16"-18
205BM12	3/4"-16
205BM16	7/8"-14
205BM20	1.1/16"-12
205BM22	1.3/16"-12
205BM25	1.5/16"-12
205BM32	1.5/8"-12

Tech Sheet 20886



UNF x BSPT

0215	Thread	Thread
210BM6R18	7/16"-20	1/8"
210BM6R14	7/16"-20	1/4"
210BM6R12	7/16"-20	1/2"
210BM8R18	1/2"-20	1/8"
210BM8R14	1/2"-20	1/4"
210BM10R14	9/16"-18	1/4"
210BM10R18	9/16"-18	1/8"
210BM10R38	9/16"-18	3/8"
210BM10R12	9/16"-18	1/2"
210BM12R14	3/4"-16	1/4"
210BM12R38	3/4"-16	3/8"
210BM12R12	3/4"-16	1/2"
210BM16R12	7/8"-14	1/2"
210BM16R34	7/8"-14	3/4"
210BM20R12	1.1/16"-12	1/2"
210BM20R34	1.1/16"-12	3/4"
210BM20R1	1.1/16"-12	1"
210BM22R34	1.3/16"-12	3/4"
210BM25R34	1.5/16"-12	3/4"
210BM25R1	1.5/16"-12	1"
210BM32R1	1.5/8"-12	1"
210BM32R114	1.5/8"-12	1.1/4"
210BM38R112	1.7/8"-12	1.1/2"

Tech Sheet 20886



UNF x BSPP

0215	Thread	Thread
210SM6G18	7/16"-20	1/8"
210SM6G14	7/16"-20	1/4"
210SM6G38	7/16"-20	3/8"
210SM6G12	7/16"-20	1/2"
210SM8G18	1/2"-20	1/8"
210SM8G14	1/2"-20	1/4"
210SM8G38	1/2"-20	3/8"
210SM10G18	9/16"-18	1/8"
210SM10G14	9/16"-18	1/4"
210SM10G38	9/16"-18	3/8"
210SM10G12	9/16"-18	1/2"
210SM12G14	3/4"-16	1/4"
210SM12G38	3/4"-16	3/8"
210SM12G12	3/4"-16	1/2"
210SM12G34	3/4"-16	3/4"
210SM16G38	7/8"-14	3/8"
210SM16G12	7/8"-14	1/2"
210SM16G34	7/8"-14	3/4"
210SM20G12	1.1/16"-12	1/2"
210SM20G34	1.1/16"-12	3/4"
210SM20G1	1.1/16"-12	1"
210SM22G34	1.3/16"-12	3/4"
210SM25G34	1.5/16"-12	3/4"
210SM25G1	1.5/16"-12	1"
210SM25G114	1.5/16"-12	1.1/4"
210SM32G1	1.5/8"-12	1"
210SM32G114	1.5/8"-12	1.1/4"
210SM38G114	1.7/8"-12	1.1/4"
210SM38G112	1.7/8"-12	1.1/2"

Tech Sheet 20886



UNF x NPT

0215	Thread	Thread
214BM6N18	7/16"-20	1/8"
214BM6N14	7/16"-20	1/4"
214BM8N18	1/2"-20	1/8"
214BM8N14	1/2"-20	1/4"
214BM10N18	9/16"-18	1/8"
214BM10N14	9/16"-18	1/4"
214BM10N38	9/16"-18	3/8"
214BM10N12	9/16"-18	1/2"
214BM12N14	3/4"-16	1/4"
214BM12N38	3/4"-16	3/8"
214BM12N12	3/4"-16	1/2"
214BM12N34	3/4"-16	3/4"
214BM16N12	7/8"-14	1/2"
214BM20N12	1.1/16"-12	1/2"
214BM20N34	1.1/16"-12	3/4"
214BM20N1	1.1/16"-12	1"
214BM25N34	1.5/16"-12	3/4"
214BM25N1	1.5/16"-12	1"
214BM32N1	1.5/8"-12	1"
214BM32N114	1.5/8"-12	1.1/4"
214BM38N114	1.7/8"-12	1.1/4"
214BM38N112	1.7/8"-12	1.1/2"

Tech Sheet 20886

stainless
steel

For 316 Stainless Steel Tubing
see page 1287



For Flare Seals see page 111

37° JIC STAINLESS STEEL FLARE FITTINGS

stainless
steel



Female Stud Couplings



Male UNF x Female BSPP

0215	Male Thread	Female Thread
230BM6G18	7/16"-20	1/8"
230BM6G14	7/16"-20	1/4"
230BM6G12	7/16"-20	1/2"
230BM8G14	1/2"-20	1/4"
230BM10G18	9/16"-18	1/8"
230BM10G14	9/16"-18	1/4"
230BM10G38	9/16"-18	3/8"
230BM10G12	9/16"-18	1/2"
230BM12G14	3/4"-16	1/4"
230BM12G38	3/4"-16	3/8"
230BM12G12	3/4"-16	1/2"
230BM12G34	3/4"-16	3/4"
230BM16G38	7/8"-14	3/8"
230BM16G12	7/8"-14	1/2"
230BM16G34	7/8"-14	3/4"
230BM18G1	1.1/16"-12	1"
230BM22G34	1.3/16"-12	3/4"
230BM25G34	1.5/16"-12	3/4"
230BM25G1	1.5/16"-12	1"
230BM32G1	1.5/8"-12	1"
230BM32G114	1.5/8"-12	1.1/4"
230BM38G114	1.7/8"-12	1.1/2"
230BM38G112	1.7/8"-12	1.1/2"

Tech Sheet 20886

Male UNF x Female NPT

0215	Male Thread	Female Thread
232BM6N18	7/16"-20	1/8"
232BM6N14	7/16"-20	1/4"
232BM8N14	1/2"-20	1/4"
232BM10N14	9/16"-18	1/4"
232BM10N38	9/16"-18	3/8"
232BM12N12	3/4"-16	1/2"
232BM20N12	1.1/16"-12	1/2"
232BM20N34	1.1/16"-12	3/4"
232BM25N1	1.5/16"-12	1"
232BM32N114	1.5/8"-12	1.1/4"
232BM38N112	1.7/8"-12	1.1/2"

Tech Sheet 20886

Male UNF x Female BSPT

0215	Male Thread	Female Thread
231M6R18	7/16"-20	1/8"
231M6R14	7/16"-20	1/4"
231M6R12	7/16"-20	1/2"
231M8R18	1/2"-20	1/8"
231M8R14	1/2"-20	1/4"
231M10R18	9/16"-18	1/8"
231M10R14	9/16"-18	1/4"
231M10R38	9/16"-18	3/8"
231M10R12	9/16"-18	1/2"
231M12R14	3/4"-16	1/4"
231M12R38	3/4"-16	3/8"
231M12R12	3/4"-16	1/2"
231M12R34	3/4"-16	3/4"
231M16R38	7/8"-14	3/8"
231M16R12	7/8"-14	1/2"
231M16R34	7/8"-14	3/4"
231M18R34	1.1/16"-12	3/4"
231M18R1	1.1/16"-12	1"
231M22R34	1.3/16"-12	3/8"
231M25R34	1.5/16"-12	3/4"
231M25R1	1.5/16"-12	1"
231M32R1	1.5/8"-12	1"
231M32R114	1.5/8"-12	1.1/4"
231M38R114	1.7/8"-12	1.1/4"
231M38R112	1.7/8"-12	1.1/2"

Tech Sheet 20886

Female Swivel Connectors



Male UNF x Female UNF

0215	Male Thread	Female Thread
273M6U716	7/16"-20	7/16"-20
273M8U716	1/2"-20	7/16"-20
273M8U12	1/2"-20	1/2"-20
273M10U716	9/16"-18	7/16"-20
273M10U916	9/16"-18	9/16"-18
273M12U916	3/4"-16	9/16"-18
273M16U34	7/8"-14	3/4"-16
273M18U34	1.1/16"-12	3/4"-16
273M18U1116	1.1/16"-12	1.1/16"-12
273M22U1116	1.3/16"-12	1.1/16"-12
273M25U1116	1.5/16"-12	1.1/16"-12
273M25U1516	1.5/16"-12	1.5/16"-12

Tech Sheet 20886

Male BSPP x Female UNF

0215	Male Thread	Female Thread
273M6G18	1/8"	7/16"-20
273M8G18	1/8"	1/2"-20
273M8G14	1/4"	1/2"-20
273M10G14	1/4"	9/16"-18
273M10G38	3/8"	9/16"-18
273M12G38	3/8"	3/4"-16
273M16G12	1/2"	7/8"-14
273M20G34	3/4"	1.1/16"-12
273M22G34	3/4"	1.3/16"-12
273M25G1	1"	1.5/16"-12
273M32G114	1.1/4"	1.5/8"-12
273M38G112	1.1/2"	1.7/8"-12

Tech Sheet 20886

Male NPT x Female UNF

0215	Male Thread	Female Thread
276M6N18	1/8"	7/16"-20
276M8N18	1/8"	1/2"-20
276M6N14	1/4"	7/16"-20
276M8N14	1/4"	1/2"-20
276M10N14	1/4"	9/16"-18
276M10N38	3/8"	9/16"-18
276M12N38	3/8"	3/4"-16
276M16N12	1/2"	7/8"-14
276M20N12	1/2"	1.1/16"-12
276M20N34	3/4"	1.1/16"-12
276M22N34	3/4"	1.3/16"-12
276M25N34	3/4"	1.5/16"-12
276M25N1	1"	1.5/16"-12
276M32N114	1.1/4"	1.5/8"-12
276M38N112	1.1/2"	1.7/8"-12

Tech Sheet 20886

Male BSPT x Female UNF

0215	Male Thread	Female Thread
273M6R18	1/8"	7/16"-20
273M8R14	1/4"	1/2"-20
273M10R14	1/4"	9/16"-18
273M12R14	1/4"	3/4"-16
273M12R38	3/8"	3/4"-16
273M16R12	1/2"	7/8"-14
273M20R12	1/2"	1.1/16"-12
273M20R34	3/4"	1.1/16"-12
273M22R34	3/4"	1.3/16"-12
273M25R34	3/4"	1.5/16"-12
273M25R1	1"	1.5/16"-12
273M32R114	1.1/4"	1.5/8"-12
273M38R112	1.1/2"	1.7/8"-12

Tech Sheet 20886

37° JIC STAINLESS STEEL FLARE FITTINGS

stainless steel



Bulkhead Unions



Bulkhead complete with Locknut, UNF

0215	Thread
204M6U716	7/16"-20
204M8U12	1/2"-20
204M10U916	9/16"-18
204M12U34	3/4"-16
204M16U78	7/8"-14
204M18U1116	1.1/16"-12
204M22U1316	1.3/16"-12
204M25U1516	1.5/16"-12
204M32U158	1.5/8"-12
204M38U178	1.7/8"-12

Tech Sheet 20886

Bulkhead Locknuts

0215	Thread
199M6U716	7/16"-20
199M8U12	1/2"-20
199M10U916	9/16"-18
199M12U34	3/4"-16
199M16U78	7/8"-14
199M18U1116	1.1/16"-12
199M22U1316	1.3/16"-12
199M25U1516	1.5/16"-12
199M32U158	1.5/8"-12
199M38U178	1.7/8"-12

Tech Sheet 20886

Fixed Elbows



UNF

0215	Thread
206BM6	7/16"-20
206BM8	1/2"-20
206BM12	3/4"-16
206BM20	1.1/16"-12
206BM22	1.3/16"-12
206BM25	1.5/16"-12
206BM32	1.5/8"-12
206BM38	1.7/8"-12

Tech Sheet 20886

UNF Male x BSPT Male

0215	Thread	Thread
206M6R18	7/16"-20	1/8"
206M6R14	7/16"-20	1/4"
206M6R12	7/16"-20	1/2"
206M8R18	1/2"-20	1/8"
206M8R14	1/2"-20	1/4"
206M10R18	9/16"-18	1/8"
206M10R14	9/16"-18	1/4"
206M10R38	9/16"-18	3/8"
206M10R12	9/16"-18	1/2"
206M12R14	3/4"-16	1/4"
206M12R38	3/4"-16	3/8"
206M12R12	3/4"-16	1/2"
206M12R34	3/4"-16	3/4"
206M16R38	7/8"-14	3/8"
206M16R12	7/8"-14	1/2"
206M16R34	7/8"-14	3/4"
206M18R34	1.1/16"-12	3/4"
206M18R1	1.1/16"-12	1"
206M22R34	1.3/16"-12	3/4"
206M25R34	1.5/16"-12	3/4"
206M25R1	1.5/16"-12	1"
206M32R1	1.5/8"-12	1"
206M32R114	1.5/8"-12	1.1/4"
206M38R114	1.7/8"-12	1.1/4"
206M38R112	1.7/8"-12	1.1/2"

Tech Sheet 20886



UNF Male x 45° NPT Male

0215	Thread	Thread
285M6N18	7/16"-20	1/8"
285M8N14	1/2"-20	1/8"
285M10N12	9/16"-18	1/4"
285M12N18	3/4"-16	3/8"
285M16N14	7/8"-14	1/2"
285M18N18	1.1/16"-12	3/4"
285M22N14	1.3/16"-12	3/4"
285M25N38	1.5/16"-12	1"
285M32N12	1.5/8"-12	1.1/4"
285M38N14	1.7/8"-12	1.1/2"

Tech Sheet 20886



For Hydraulic Oil see page 283

For Flareite Seals see page 111

37° JIC STAINLESS STEEL FLARE FITTINGS

stainless
steel



Swivel Elbows



Male x Female, UNF

0215	Thread
275M6U716	7/16"-20
275M8U12	1/2"-20
275M10U916	9/16"-18
275M12U34	3/4"-16
275M16U78	7/8"-14
275M18U1116	1.1/16"-12
275M22U1316	1.3/16"-12
275M25U1516	1.5/16"-12
275M32U158	1.5/8"-12
275M38U178	1.7/8"-12

Tech Sheet 20886



Equal Female, UNF

0215	Thread
265M6U716	7/16"-20
265M8U12	1/2"-20
265M10U916	9/16"-18
265M12U34	3/4"-16
265M16U78	7/8"-14
265M18U1116	1.1/16"-12
265M22U1316	1.3/16"-12
265M25U1516	1.5/16"-12
265M32U158	1.5/8"-12
265M38U178	1.7/8"-12

Tech Sheet 20886

Fixed Tees



UNF

0215	Thread
207BM6	7/16"-20
207BM8	1/2"-20
207BM10	9/16"-18
207BM12	3/4"-16
207BM16	7/8"-14
207BM20	1.1/16"-12
207BM22	1.3/16"-12
207BM25	1.5/16"-12
207BM32	1.5/8"-12

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NPT Male x UNF Female

0215	Thread	Thread
275M6N18	7/16"-20	1/8"
275M6N14	7/16"-20	1/4"
275M6N12	7/16"-20	1/2"
275M8N18	1/2"-20	1/8"
275M8N14	1/2"-20	1/4"
275M10N18	9/16"-18	1/8"
275M10N14	9/16"-18	1/4"
275M10N12	9/16"-18	1/2"
275M10N38	9/16"-18	3/8"
275M12N18	9/16"-18	1/2"
275M12N14	3/4"-16	1/4"
275M12N38	3/4"-16	3/8"
275M12N12	3/4"-16	1/2"
275M12N34	3/4"-16	3/4"
275M16N38	7/8"-14	3/8"
275M16N12	7/8"-14	1/2"
275M16N34	7/8"-14	3/4"
275M18N34	1.1/16"-12	3/4"
275M18N1	1.1/16"-12	1"
275M22N34	1.3/16"-12	3/4"
275M25N34	1.5/16"-12	3/4"
275M25N1	1.5/16"-12	1"
275M32N1	1.5/8"-12	1"
275M32N114	1.5/8"-12	1.1/4"
275M38N114	1.7/8"-12	1.1/4"
275M38N112	1.7/8"-12	1.1/2"

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90° Position Elbows



UNF x BSPP

0215	Thread	Thread
216SM6G18	7/16"-20	1/8"
216SM6G14	7/16"-20	1/4"
216SM8G18	1/2"-20	1/8"
216SM10G38	9/16"-18	3/8"
216SM12G14	3/4"-16	1/4"
216SM12G38	3/4"-16	3/8"
216SM12G12	3/4"-16	1/2"
216SM12G34	3/4"-16	3/4"
216SM16G14	7/8"-14	1/4"
216SM16G38	7/8"-14	3/8"
216SM16G12	7/8"-14	1/2"
216SM16G34	7/8"-14	3/4"
216SM20G12	1.1/16"-12	1/2"
216SM20G34	1.1/16"-12	3/4"
216SM22G12	1.3/16"-12	1/2"
216SM22G34	1.3/16"-12	3/4"
216SM22G1	1.3/16"-12	1/2"
216SM25G12	1.5/16"-12	1/2"
216SM25G1	1.5/16"-12	1"
216SM32G1	1.5/8"-12	1"
216SM38G112	1.7/8"-12	1.1/2"

Tech Sheet 20886



UNF Male x NPT Male Branch

0215	Thread	Thread
307M6N18	7/16"-20	1/8"
307M6N14	7/16"-20	1/4"
307M6N12	7/16"-20	1/2"
307M8N18	1/2"-20	1/8"
307M8N14	1/2"-20	1/4"
307M10N18	9/16"-18	1/8"
307M10N14	9/16"-18	1/4"
307M10N38	9/16"-18	3/8"
307M10N12	9/16"-18	1/2"
307M12N14	3/4"-16	1/4"
307M12N38	3/4"-16	3/8"
307M12N12	3/4"-16	1/2"
307M12N34	3/4"-16	3/4"
307M16N38	7/8"-14	3/8"
307M16N12	7/8"-14	1/2"
307M16N34	7/8"-14	3/4"
307M18N34	1.1/16"-12	3/4"
307M18N1	1.1/16"-12	1"
307M22N34	1.3/16"-12	3/4"
307M25N34	1.5/16"-12	3/4"
307M25N1	1.5/16"-12	1"
307M32N1	1.5/8"-12	1"
307M32N114	1.5/8"-12	1.1/4"
307M38N114	1.7/8"-12	1.1/4"
307M38N112	1.7/8"-12	1.1/2"

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For Flare Seals see page 111

37° JIC STAINLESS STEEL FLARE FITTINGS

stainless steel



Fixed Tees



UNF Male x NPT Male Run

0215	Thread	Thread
309M6N18	7/16"-20	1/8"
309M6N14	7/16"-20	1/4"
309M6N12	7/16"-20	1/2"
309M8N18	1/2"-20	1/8"
309M8N14	1/2"-20	1/4"
309M10N18	9/16"-18	1/8"
309M10N14	9/16"-18	1/4"
309M10N38	9/16"-18	3/8"
309M10N12	9/16"-18	1/2"
309M12N14	3/4"-16	1/4"
309M12N38	3/4"-16	3/8"
309M12N12	3/4"-16	1/2"
309M12N34	3/4"-16	3/4"
309M16N38	7/8"-14	3/8"
309M16N12	7/8"-14	1/2"
309M16N34	7/8"-14	3/4"
309M18N34	1.1/16"-12	3/4"
309M18N1	1.1/16"-12	1"
309M22N34	1.3/16"-12	3/4"
309M25N34	1.5/16"-12	3/4"
309M25N1	1.5/16"-12	1"
309M32N1	1.5/8"-12	1"
309M32N114	1.5/8"-12	1.1/4"
309M38N114	1.7/8"-12	1.1/4"
309M38N112	1.7/8"-12	1.1/2"

Tech Sheet 20886

Swivel Tees



Female Swivel, UNF

0215	Thread
310M6U716	7/16"-20
310M8U12	1/2"-20
310M10U916	9/16"-18
310M12U34	3/4"-16
310M16U78	7/8"-14
310M18U1116	1.1/16"-12
310M22U1316	1.3/16"-12
310M25U1516	1.5/16"-12
310M32U158	1.5/8"-12
310M38U178	1.7/8"-12

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Female Swivel Branch, UNF

0215	Thread
314M6U716	7/16"-20
314M8U12	1/2"-20
314M10U916	9/16"-18
314M12U34	3/4"-16
314M16U78	7/8"-14
314M18U1116	1.1/16"-12
314M22U1316	1.3/16"-12
314M25U1516	1.5/16"-12
314M32U158	1.5/8"-12
314M38U178	1.7/8"-12

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Female Swivel Run, UNF

0215	Thread
312M6U716	7/16"-20
312M8U12	1/2"-20
312M10U916	9/16"-18
312M12U34	3/4"-16
312M16U78	7/8"-14
312M18U1116	1.1/16"-12
312M22U1316	1.3/16"-12
312M25U1516	1.5/16"-12
312M32U158	1.5/8"-12
312M38U178	1.7/8"-12

Tech Sheet 20886

Position Tees



UNF Male x BSPP Male

0215	Thread	Thread
308M6G18	7/16"-20	1/8"
308M6G14	7/16"-20	1/4"
308M8G18	1/2"-20	1/8"
308M8G14	1/2"-20	1/4"
308M10G14	9/16"-18	1/4"
308M10G38	9/16"-18	3/8"
308M12G14	3/4"-16	1/4"
308M12G38	3/4"-16	3/8"
308M12G12	3/4"-16	1/2"
308M12G34	3/4"-16	3/4"
308M16G14	7/8"-14	1/4"
308M16G38	7/8"-14	3/8"
308M16G12	7/8"-14	1/2"
308M16G34	7/8"-14	3/4"
308M20G12	1.1/16"-12	1/2"
308M20G34	1.1/16"-12	3/4"
308M22G34	1.3/16"-12	1/2"
308M22G1	1.3/16"-12	3/4"
308M22G12	1.3/16"-12	1"
308M25G34	1.5/16"-12	1/2"
308M25G1	1.5/16"-12	3/4"
308M32G1	1.5/8"-12	1"
308M32G114	1.5/8"-12	1"
308M38G114	1.7/8"-12	1.1/4"
308M38G112	1.7/8"-12	1.1/2"

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Cross

Male, UNF

0215	Thread
320M6U716	7/16"-20
320M8U12	1/2"-20
320M10U916	9/16"-18
320M12U34	3/4"-16
320M16U78	7/8"-14
320M18U1116	1.1/16"-12
320M22U1316	1.3/16"-12
320M25U1516	1.5/16"-12
320M32U158	1.5/8"-12
320M38U178	1.7/8"-12

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For Flare Seals see page 111

37° JIC STAINLESS STEEL FLARE FITTINGS

Swivel Caps



UNF

0215	Thread
289M6U716	7/16"-20
289M8U12	1/2"-20
289M10U916	9/16"-18
289M12U34	3/4"-16
289M16U78	7/8"-14
289M22U1316	1.3/16"-12
289M25U1516	1.5/16"-12
289M32U158	1.5/8"-12
289M38U178	1.7/8"-12

Tech Sheet 20886

Blanking Plugs



UNF

0215	Thread
299M6	7/16"-20
299M8	1/2"-20
299M10	9/16"-18
299M12	3/4"-16
299M16	7/8"-14
299M20	1.1/16"-12
299M22	1.3/16"-12
299M25	1.5/16"-12
299M32	1.5/8"-12
299M38	1.7/8"-12

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Reducing Adaptors



UNF Tube x UNF Male

0215	OD mm	OD mm	Male Thread
303M6U716	10	6	7/16"-20
303M6U34	12	6	3/4"-16
303M10U34	12	10	3/4"-16
303M6U78	16	6	7/8"-14
303M10U78	16	10	7/8"-14
303M6U1116	18	6	1.1/16"-12
303M10U1116	18	10	1.1/16"-12
303M12U1116	18	12	1.1/16"-12
303M10U1316	22	10	1.3/16"-12
303M16U1316	22	16	1.3/16"-12
303M6U1516	25	6	1.5/16"-12
303M10U1516	25	10	1.5/16"-12
303M12U1516	25	12	1.5/16"-12
303M16U1516	25	16	1.5/16"-12
303M18U1516	25	18	1.5/16"-12
303M18U158	32	18	1.5/8"-12
303M25U158	32	25	1.5/8"-12
303M12U178	38	12	1.7/8"-12
303M18U178	38	18	1.7/8"-12
303M25U178	38	25	1.7/8"-12

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Tube Nuts



UNF

0215	Thread
201M6U716	7/16"-20
201M8U12	1/2"-20
201M10U916	9/16"-18
201M12U34	3/4"-16
201M16U78	7/8"-14
201M20U1116	1.1/16"-12
201M22U1316	1.3/16"-12
201M25U1516	1.5/16"-12
201M32U158	1.5/8"-12
201M38U178	1.7/8"-12

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Flare Sleeves



Metric

0215	OD mm
203M6	6
203M8	8
203M10	10
203M12	12
203M14	14
203M15	15
203M16Z58	16
203M18	18
203M20	20
203M25	25
203M30	30
203M32	32
203M38Z112	38

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Imperial

0215	OD
203Z14	1/4"
203Z516	5/16"
203Z38	3/8"
203Z12	1/2"
203M15Z58	5/8"
203Z34	3/4"
203Z1	1"

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For Flaretite Seals see page 111

10,000 PSI RATED, 316 STAINLESS STEEL ADAPTORS

stainless
steel



These fittings within the industry are known as 10K fittings which have a 10,000 psi working pressure rating. All BSPP fittings are 60° coned for connection to hoses.



Maximum Working Pressure:
10,000 psi (690 bar)

Male x Male Straight Adaptors



BSPP x BSPP

0339	Thread	Thread
2G-2G-MM-10K	1/8"	1/8"
2G-4G-MM-10K	1/8"	1/4"
2G-6G-MM-10K	1/8"	3/8"
2G-8G-MM-10K	1/8"	1/2"
2G-12G-MM-10K	1/8"	3/4"
2G-16G-MM-10K	1/8"	1"
4G-4G-MM-10K	1/4"	1/4"
4G-6G-MM-10K	1/4"	3/8"
4G-8G-MM-10K	1/4"	1/2"
4G-12G-MM-10K	1/4"	3/4"
4G-16G-MM-10K	1/4"	1"
6G-6G-MM-10K	3/8"	3/8"
6G-8G-MM-10K	3/8"	1/2"
6G-12G-MM-10K	3/8"	3/4"
6G-16G-MM-10K	3/8"	1"
8G-8G-MM-10K	1/2"	1/2"
8G-12G-MM-10K	1/2"	3/4"
8G-16G-MM-10K	1/2"	1"
12G-12G-MM-10K	3/4"	3/4"
12G-16G-MM-10K	3/4"	1"
16G-16G-MM-10K	1"	1"

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BSPP x NPT

0339	Thread	Thread
2G-2N-MM-10K	1/8"	1/8"
2G-4N-MM-10K	1/8"	1/4"
2G-6N-MM-10K	1/8"	3/8"
2G-8N-MM-10K	1/8"	1/2"
2G-12N-MM-10K	1/8"	3/4"
2G-16N-MM-10K	1/8"	1"
4G-2N-MM-10K	1/4"	1/8"
4G-4N-MM-10K	1/4"	1/4"
4G-6N-MM-10K	1/4"	3/8"
4G-8N-MM-10K	1/4"	1/2"
4G-12N-MM-10K	1/4"	3/4"
4G-16N-MM-10K	1/4"	1"
6G-4N-MM-10K	3/8"	1/4"
6G-6N-MM-10K	3/8"	3/8"
6G-8N-MM-10K	3/8"	1/2"
6G-12N-MM-10K	3/8"	3/4"
6G-16N-MM-10K	3/8"	1"
8G-4N-MM-10K	1/2"	1/4"
8G-6N-MM-10K	1/2"	3/8"
8G-8N-MM-10K	1/2"	1/2"
8G-12N-MM-10K	1/2"	3/4"
8G-16N-MM-10K	1/2"	1"
12G-12N-MM-10K	3/4"	3/4"
12G-16N-MM-10K	3/4"	1"
16G-16N-MM-10K	1"	1"

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BSPP x JIC

0339	Thread	Thread
2G-4J-MM-10K	1/8"	7/16"
2G-6J-MM-10K	1/8"	9/16"
4G-4J-MM-10K	1/4"	7/16"
4G-6J-MM-10K	1/4"	9/16"
4G-8J-MM-10K	1/4"	3/4"
6G-4J-MM-10K	3/8"	7/16"
6G-6J-MM-10K	3/8"	9/16"
6G-8J-MM-10K	3/8"	3/4"
6G-10J-MM-10K	3/8"	7/8"
6G-12J-MM-10K	3/8"	1.1/16"
8G-4J-MM-10K	1/2"	7/16"
8G-6J-MM-10K	1/2"	3/4"
8G-10J-MM-10K	1/2"	7/8"
8G-12J-MM-10K	1/2"	1.1/16"
8G-16J-MM-10K	1/2"	1.5/16"
12G-8J-MM-10K	3/4"	3/4"
12G-10J-MM-10K	3/4"	7/8"
12G-12J-MM-10K	3/4"	1.1/16"
12G-16J-MM-10K	3/4"	1.5/16"
16G-10J-MM-10K	1"	7/8"
16G-12J-MM-10K	1"	1.1/16"
16G-16J-MM-10K	1"	1.5/16"

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NPT x NPT

0339	Thread	Thread
2N-2N-MM-10K	1/8"	1/8"
2N-4N-MM-10K	1/8"	1/4"
4N-4N-MM-10K	1/4"	1/4"
4N-6N-MM-10K	1/4"	3/8"
4N-8N-MM-10K	1/4"	1/2"
6N-2N-MM-10K	3/8"	1/8"
6N-6N-MM-10K	3/8"	3/8"
6N-8N-MM-10K	3/8"	1/2"
8N-2N-MM-10K	1/2"	1/8"
8N-8N-MM-10K	1/2"	1/2"
12N-2N-MM-10K	3/4"	1/8"
12N-4N-MM-10K	3/4"	1/4"
12N-6N-MM-10K	3/4"	3/8"
12N-8N-MM-10K	3/4"	1/2"
12N-12N-MM-10K	3/4"	3/4"
16N-2N-MM-10K	1"	1/8"
16N-4N-MM-10K	1"	1/4"
16N-6N-MM-10K	1"	3/8"
16N-8N-MM-10K	1"	1/2"
16N-12N-MM-10K	1"	3/4"
16N-16N-MM-10K	1"	1"

Tech Sheet 20887



NPT x JIC

0339	Thread	Thread
2N-2J-MM-10K	1/8"	5/16"
2N-4J-MM-10K	1/8"	7/16"
4N-4J-MM-10K	1/4"	7/16"
4N-6J-MM-10K	1/4"	9/16"
4N-8J-MM-10K	1/4"	3/4"
6N-4J-MM-10K	3/8"	7/16"
6N-6J-MM-10K	3/8"	9/16"
6N-8J-MM-10K	3/8"	3/4"
6N-12J-MM-10K	3/8"	1.1/16"
8N-4J-MM-10K	1/2"	7/16"
8N-6J-MM-10K	1/2"	9/16"
8N-8J-MM-10K	1/2"	3/4"
8N-12J-MM-10K	1/2"	1.1/16"
12N-8J-MM-10K	3/4"	3/4"
12N-12J-MM-10K	3/4"	1.1/16"
12N-16J-MM-10K	3/4"	1.5/16"
16N-12J-MM-10K	1"	1.1/16"
16N-16J-MM-10K	1"	1.5/16"

Tech Sheet 20887



JIC x JIC

0339	Thread	Thread
4J-4J-MM-10K	7/16"	7/16"
4J-6J-MM-10K	7/16"	9/16"
4J-8J-MM-10K	7/16"	3/4"
6J-6J-MM-10K	9/16"	9/16"
6J-8J-MM-10K	9/16"	3/4"
6J-10J-MM-10K	9/16"	7/8"
8J-8J-MM-10K	3/4"	3/4"
8J-10J-MM-10K	3/4"	7/8"
8J-12J-MM-10K	3/4"	1.1/16"
10J-10J-MM-10K	7/8"	7/8"
10J-12J-MM-10K	7/8"	1.1/16"
10J-16J-MM-10K	7/8"	1.5/16"
12J-16J-MM-10K	1.1/16"	1.5/16"
16J-16J-MM-10K	1.5/16"	1.5/16"

Tech Sheet 20887

10,000 PSI RATED, 316 STAINLESS STEEL ADAPTORS

stainless
steel



These fittings within the industry are known as 10K fittings which have a 10,000 psi working pressure rating. All BSPP fittings are 60° coned for connection to hoses.

Maximum Working Pressure:
10,000 psi (690 bar)

Male x Female Straight Adaptors



BSPP x BSPP

0339	Male Thread	Female Thread
2G-2G-MF-A-10K	1/8"	1/8"
2G-4G-MF-A-10K	1/8"	1/4"
2G-6G-MF-A-10K	1/8"	3/8"
2G-8G-MF-A-10K	1/8"	1/2"
2G-12G-MF-A-10K	1/8"	3/4"
4G-4G-MF-A-10K	1/4"	1/4"
4G-6G-MF-A-10K	1/4"	3/8"
4G-8G-MF-A-10K	1/4"	1/2"
4G-12G-MF-A-10K	1/4"	3/4"
4G-16G-MF-A-10K	1/4"	1"
6G-6G-MF-A-10K	3/8"	3/8"
6G-8G-MF-A-10K	3/8"	1/2"
6G-12G-MF-A-10K	3/8"	3/4"
6G-16G-MF-A-10K	3/8"	1"
8G-8G-MF-A-10K	1/2"	1/2"
8G-12G-MF-A-10K	1/2"	3/4"
8G-16G-MF-A-10K	1/2"	1"
12G-12G-MF-A-10K	3/4"	3/4"
12G-16G-MF-A-10K	3/4"	1"
16G-16G-MF-A-10K	1"	1"

Tech Sheet 20887



NPT x NPT

0339	Male Thread	Female Thread
2N-2N-MF-A-10K	1/8"	1/8"
2N-4N-MF-A-10K	1/8"	1/4"
2N-6N-MF-A-10K	1/8"	3/8"
2N-8N-MF-A-10K	1/8"	1/2"
2N-12N-MF-A-10K	1/8"	3/4"
4N-4N-MF-A-10K	1/4"	1/4"
4N-6N-MF-A-10K	1/4"	3/8"
4N-8N-MF-A-10K	1/4"	1/2"
4N-12N-MF-A-10K	1/4"	3/4"
4N-16N-MF-A-10K	1/4"	1"
6N-6N-MF-A-10K	3/8"	3/8"
6N-8N-MF-A-10K	3/8"	1/2"
6N-12N-MF-A-10K	3/8"	3/4"
6N-16N-MF-A-10K	3/8"	1"
8N-8N-MF-A-10K	1/2"	1/2"
8N-12N-MF-A-10K	1/2"	3/4"
8N-16N-MF-A-10K	1/2"	1"
12N-12N-MF-A-10K	3/4"	3/4"
12N-16N-MF-A-10K	3/4"	1"
16N-16N-MF-A-10K	1"	1"

Tech Sheet 20887

JIC x NPT

0339	Male Thread	Female Thread
4J-2N-MF-A-10K	7/16"-20	1/8"
4J-4N-MF-A-10K	7/16"-20	1/4"
6J-4N-MF-A-10K	9/16"-18	1/4"
4J-6N-MF-A-10K	7/16"-20	3/8"
6J-6N-MF-A-10K	9/16"-18	3/8"
8J-6N-MF-A-10K	3/4"-16	3/8"
8J-8N-MF-A-10K	9/16"-18	1/2"
10J-8N-MF-A-10K	3/4"-16	1/2"
12J-8N-MF-A-10K	7/8"-14	1/2"
12J-12N-MF-A-10K	3/4"-16	1/2"
16J-16N-MF-A-10K	7/8"-14	1/2"

Tech Sheet 20887

BSPP x JIC, Swivel

0339	Male Thread	Female Thread
4G-4J-MF-10K	1/4"	7/16"
4G-5J-MF-10K	1/4"	1/2"
4G-6J-MF-10K	1/4"	9/16"
6G-6J-MF-10K	3/8"	9/16"
8G-6J-MF-10K	1/2"	9/16"
6G-8J-MF-10K	3/8"	3/4"
8G-8J-MF-10K	1/2"	3/4"
6G-10J-MF-10K	3/8"	7/8"
8G-10J-MF-10K	1/2"	7/8"
12G-10J-MF-10K	3/4"	7/8"
8G-12J-MF-10K	1/2"	1.1/16"
12G-12J-MF-10K	3/4"	1.1/16"
16G-12J-MF-10K	1"	1.1/16"
12G-16J-MF-10K	3/4"	1.5/16"
16G-16J-MF-10K	1"	1.5/16"

Tech Sheet 20887

NPT x JIC, Swivel

0339	Male Thread	Female Thread
4N-4J-MF-10K	1/4"	7/16"
6N-6J-MF-10K	3/8"	9/16"
6N-8J-MF-10K	3/8"	3/4"
8N-10J-MF-10K	1/2"	7/8"
8N-12J-MF-10K	1/2"	1.1/16"
12N-12J-MF-10K	3/4"	1.1/16"
12N-14J-MF-10K	3/4"	1.3/16"
12N-16J-MF-10K	3/4"	1.5/16"
16N-16J-MF-10K	1"	1.5/16"

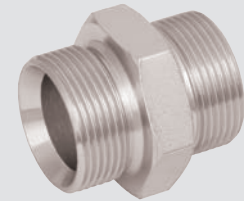
Tech Sheet 20887



JIC x JIC, Swivel

0339	Male Thread	Female Thread
4J-4J-MF-10K	7/16"	7/16"
4J-6J-MF-10K	7/16"	9/16"
4J-8J-MF-10K	7/16"	3/4"
6J-4J-MF-10K	9/16"	7/16"
6J-6J-MF-10K	9/16"	9/16"
6J-8J-MF-10K	9/16"	3/4"
8J-4J-MF-10K	3/4"	7/16"
8J-6J-MF-10K	3/4"	9/16"
10J-8J-MF-10K	7/8"	3/4"
12J-8J-MF-10K	1.1/16"	3/4"
12J-12J-MF-10K	1.1/16"	1.1/16"
14J-12J-MF-10K	1.3/16"	1.1/16"
16J-12J-MF-10K	1.5/16"	1.1/16"
16J-16J-MF-10K	1.5/16"	1.5/16"

Tech Sheet 20887



For Hydraulic Adaptors
see pages 82-84

10,000 PSI RATED, 316 STAINLESS STEEL ADAPTORS

stainless
steel



These fittings within the industry are known as 10K fittings which have a 10,000 psi working pressure rating. All BSPP fittings are 60° coned for connection to hoses.

Maximum Working Pressure:
10,000 psi (690 bar)

Male x Female Straight Reducers



BSPP

0339	Male Thread	Female Thread
4G-2G-MF-B-10K	1/4"	1/8"
6G-2G-MF-B-10K	3/8"	1/8"
6G-4G-MF-B-10K	3/8"	1/4"
8G-2G-MF-B-10K	1/2"	1/8"
8G-4G-MF-B-10K	1/2"	1/4"
8G-6G-MF-B-10K	1/2"	3/8"
12G-2G-MF-B-10K	3/4"	1/8"
12G-4G-MF-B-10K	3/4"	1/4"
12G-6G-MF-B-10K	3/4"	3/8"
12G-8G-MF-B-10K	3/4"	1/2"
16G-2G-MF-B-10K	1"	1/8"
16G-4G-MF-B-10K	1"	1/4"
16G-6G-MF-B-10K	1"	3/8"
16G-8G-MF-B-10K	1"	1/2"
16G-12G-MF-B-10K	1"	3/4"

Tech Sheet 20887



NPT

0339	Male Thread	Female Thread
4N-2N-MF-B-10K	1/4"	1/8"
6N-2N-MF-B-10K	3/8"	1/8"
6N-4N-MF-B-10K	3/8"	1/4"
8N-2N-MF-B-10K	1/2"	1/8"
8N-4N-MF-B-10K	1/2"	1/4"
8N-6N-MF-B-10K	1/2"	3/8"
12N-2N-MF-B-10K	3/4"	1/8"
12N-4N-MF-B-10K	3/4"	1/4"
12N-6N-MF-B-10K	3/4"	3/8"
12N-8N-MF-B-10K	3/4"	1/2"
16N-2N-MF-B-10K	1"	1/8"
16N-4N-MF-B-10K	1"	1/4"
16N-6N-MF-B-10K	1"	3/8"
16N-8N-MF-B-10K	1"	1/2"
16N-12N-MF-B-10K	1"	3/4"

Tech Sheet 20887

Female x Female Straight Adaptors



Swivel, BSPP

0339	Thread	Thread
4G-4G-FF-10K	1/4"	1/4"
4G-6G-FF-10K	1/4"	3/8"
4G-8G-FF-10K	1/4"	1/2"
6G-6G-FF-10K	3/8"	3/8"
6G-8G-FF-10K	3/8"	1/2"
8G-8G-FF-10K	1/2"	1/2"
12G-12G-FF-10K	3/4"	3/4"
16G-16G-FF-10K	1"	1"

Tech Sheet 20887



Fixed, NPT

0339	Thread	Thread
2N-2N-FF-10K	1/8"	1/8"
2N-4N-FF-10K	1/8"	1/4"
2N-6N-FF-10K	1/8"	3/8"
2N-8N-FF-10K	1/8"	1/2"
2N-12N-FF-10K	1/8"	3/4"
2N-16N-FF-10K	1/8"	1"
4N-4N-FF-10K	1/4"	1/4"
4N-6N-FF-10K	1/4"	3/8"
4N-8N-FF-10K	1/4"	1/2"
4N-12N-FF-10K	1/4"	3/4"
4N-16N-FF-10K	1/4"	1"
6N-6N-FF-10K	3/8"	3/8"
6N-8N-FF-10K	3/8"	1/2"
6N-12N-FF-10K	3/8"	3/4"
6N-16N-FF-10K	3/8"	1"
8N-8N-FF-10K	1/2"	1/2"
8N-12N-FF-10K	1/2"	3/4"
8N-16N-FF-10K	1/2"	1"
12N-12N-FF-10K	3/4"	3/4"
12N-16N-FF-10K	3/4"	1"
16N-16N-FF-10K	1"	1"

Tech Sheet 20887



Swivel, JIC

0339	Thread	Thread
4J-4J-FF-10K	7/16"	7/16"
4J-6J-FF-10K	7/16"	9/16"
4J-8J-FF-10K	9/16"	3/4"
6J-6J-FF-10K	9/16"	9/16"
6J-8J-FF-10K	9/16"	3/4"
8J-8J-FF-10K	3/4"	3/4"
12J-12J-FF-10K	1.1/16"	1.1/16"
16J-16J-FF-10K	1.5/16"	1.5/16"

Tech Sheet 20887

Male x Male Elbows



BSPP

0339	Thread
2G-E-MM-10K	1/8"
4G-E-MM-10K	1/4"
6G-E-MM-10K	3/8"
8G-E-MM-10K	1/2"
12G-E-MM-10K	3/4"
16G-E-MM-10K	1"

Tech Sheet 20887



NPT

0339	Thread
2N-E-MM-10K	1/8"
4N-E-MM-10K	1/4"
6N-E-MM-10K	3/8"
8N-E-MM-10K	1/2"
12N-E-MM-10K	3/4"
16N-E-MM-10K	1"

Tech Sheet 20887

10,000 PSI RATED, 316 STAINLESS STEEL ADAPTORS



These fittings within the industry are known as 10K fittings which have a 10,000 psi working pressure rating. All BSPP fittings are 60° coned for connection to hoses.

Maximum Working Pressure:
10,000 psi (690 bar)

Male x Female Elbows



Swivel, BSPP

0339	Thread
2G-E-MF-10K	1/8"
4G-E-MF-10K	1/4"
6G-E-MF-10K	3/8"
8G-E-MF-10K	1/2"
12G-E-MF-10K	3/4"
16G-E-MF-10K	1"

Tech Sheet 20887



Fixed, NPT

0339	Thread
2N-E-MF-10K	1/8"
4N-E-MF-10K	1/4"
6N-E-MF-10K	3/8"
8N-E-MF-10K	1/2"
12N-E-MF-10K	3/4"
16N-E-MF-10K	1"

Tech Sheet 20887



Swivel, JIC

0339	Thread
4J-E-MF-10K	7/16"
6J-E-MF-10K	9/16"
8J-E-MF-10K	3/4"
10J-E-MF-10K	7/8"
12J-E-MF-10K	1.1/16"
16J-E-MF-10K	1.5/16"

Tech Sheet 20887



NPT x JIC

0339	Male Thread	Female Thread
4N-4J-E-MF-10K	1/4"	7/16"
6N-6J-E-MF-10K	3/8"	9/16"
8N-8J-E-MF-10K	1/2"	3/4"
12N-12J-E-MF-10K	3/4"	1.1/16"

Tech Sheet 20887

Female x Female Elbows



BSPP

0339	Thread
2G-E-FF-10K	1/8"
4G-E-FF-10K	1/4"
6G-E-FF-10K	3/8"
8G-E-FF-10K	1/2"
12G-E-FF-10K	3/4"
16G-E-FF-10K	1"

Tech Sheet 20887



NPT

0339	Thread
2N-E-10K	1/8"
4N-E-10K	1/4"
6N-E-10K	3/8"
8N-E-10K	1/2"
12N-E-10K	3/4"
16N-E-10K	1"

Tech Sheet 20887



JIC

0339	Thread
2J-E-FF-10K	7/16"
4J-E-FF-10K	9/16"
6J-E-FF-10K	3/4"
8J-E-FF-10K	7/8"
12J-E-FF-10K	1.1/16"
16J-E-FF-10K	1.5/16"

Tech Sheet 20887

Male x Male Tees



BSPP

0339	Thread
2G-T-MM-10K	1/8"
4G-T-MM-10K	1/4"
6G-T-MM-10K	3/8"
8G-T-MM-10K	1/2"
12G-T-MM-10K	3/4"
16G-T-MM-10K	1"

Tech Sheet 20887



NPT

0339	Thread
2N-T-MM-10K	1/8"
4N-T-MM-10K	1/4"
6N-T-MM-10K	3/8"
8N-T-MM-10K	1/2"
12N-T-MM-10K	3/4"
16N-T-MM-10K	1"

Tech Sheet 20887



JIC

0339	Thread
4J-T-MM-10K	7/16"
5J-T-MM-10K	1/2"
6J-T-MM-10K	9/16"
8J-T-MM-10K	3/4"
10J-T-MM-10K	7/8"
12J-T-MM-10K	1.1/16"
14J-T-MM-10K	1.3/16"
16J-T-MM-10K	1.5/16"

Tech Sheet 20887

10,000 PSI RATED, 316 STAINLESS STEEL ADAPTORS

stainless
steel



These fittings within the industry are known as 10K fittings which have a 10,000 psi working pressure rating. All BSPP fittings are 60° coned for connection to hoses.



Maximum Working Pressure:
10,000 psi (690 bar)

Female x Female Tees



BSPP

0339	Thread
2G-T-FF-10K	1/8"
4G-T-FF-10K	1/4"
6G-T-FF-10K	3/8"
8G-T-FF-10K	1/2"
12G-T-FF-10K	3/4"
16G-T-FF-10K	1"

Tech Sheet 20887



NPT

0339	Thread
2N-T-10K	1/8"
4N-T-10K	1/4"
6N-T-10K	3/8"
8N-T-10K	1/2"
12N-T-10K	3/4"

Tech Sheet 20887



JIC

0339	Thread
2J-T-FF-10K	7/16"
4J-T-FF-10K	9/16"
6J-T-FF-10K	3/4"
8J-T-FF-10K	7/8"
12J-T-FF-10K	1.1/16"
16J-T-FF-10K	1.5/16"

Tech Sheet 20887

Female Equal Cross



NPT

0339	Thread
2N-X-10K	1/8"
4N-X-10K	1/4"
6N-X-10K	3/8"
8N-X-10K	1/2"
12N-X-10K	3/4"
16N-X-10K	1"

Tech Sheet 20887

Plugs



BSPP

0339	Thread
2G-P-10K	1/8"
4G-P-10K	1/4"
6G-P-10K	3/8"
8G-P-10K	1/2"
12G-P-10K	3/4"
16G-P-10K	1"

Tech Sheet 20887



NPT

0339	Thread
2N-P-10K	1/8"
4N-P-10K	1/4"
6N-P-10K	3/8"
8N-P-10K	1/2"
12N-P-10K	3/4"
16N-P-10K	1"

Tech Sheet 20887



JIC

0339	Thread
4J-P-10K	7/16"
6J-P-10K	9/16"
8J-P-10K	3/4"
10J-P-10K	7/8"
12J-P-10K	1.1/16"
16J-P-10K	1.5/16"

Tech Sheet 20887

Caps



BSPP

0339	Thread
2G-C-10K	1/8"
4G-C-10K	1/4"
6G-C-10K	3/8"
8G-C-10K	1/2"
12G-C-10K	3/4"
16G-C-10K	1"

Tech Sheet 20887



NPT

0339	Thread
2N-C-10K	1/8"
4N-C-10K	1/4"
6N-C-10K	3/8"
8N-C-10K	1/2"
12N-C-10K	3/4"
16N-C-10K	1"

Tech Sheet 20887



JIC

0339	Thread
4J-C-10K	7/16"
6J-C-10K	9/16"
8J-C-10K	3/4"
10J-C-10K	7/8"
12J-C-10K	1.1/16"
16J-C-10K	1.5/16"

Tech Sheet 20887

316 Stainless Steel Tube

3 metre lengths next day.

6 metre lengths may take up to 3 working days to be delivered, dependant on weight and delivery address location. Additional carriage charges may apply.

For full details please contact our Business Development Team.

Minimum of 10 lengths is advised up to 8mm to prevent damage in transit.



Seamless ASTM A269, Metric, 6 Metre Lengths

0214	OD mm	Wall Thickness mm	Max Pressure Bar
765-0610-6M	6	1	428
765-6X1.5-6M	6	1.5	627
765-0810-6M	8	1	321
765-8X1.5-6M	8	1.5	472
765-1013-6M	10	1	257
765-10X1.5-6M	10	1.5	385
765-12X1.5-6M	12	1.5	321
765-1515-6M	15	1.5	257
765-16X1.5-6M	16	1.5	235
765-1602-6M	16	2	321
765-20X2-6M	20	2	257
765-25X2.5-6M	25	2.5	210
765-30X3-6M	30	3	257

Tech Sheet 831

Seamless ASTM A269, Metric, 3 Metre Lengths, Random

0214	OD mm	Wall Thickness mm	Max Pressure Bar
765-0610	6	1	428
765-6X1.5	6	1.5	627
765-6X2	6	2	942
765-0813	8	1	321
765-8X1.5	8	1.5	472
765-8X2	8	2	706
765-1013	10	1	257
765-10X1.5	10	1.5	385
765-10X2	10	2	564
765-1213	12	1	210
765-12X1.5	12	1.5	321
765-12X2	12	2	420
765-1513	15	1	200
765-15X1.5	15	1.5	257
765-15X2	15	2	376
765-16X1.5	16	1.5	235
765-16X2	16	2	321
765-18X1.5	18	1.5	235
765-18X2	18	2	314
765-20X1.5	20	1.5	212
765-20X2	20	2	257
765-20X3	20	3	424
765-22X1.5	22	1.5	193
765-22X2	22	2	256
765-25X1.5	25	1.5	169
765-25X2	25	2	226
765-25X2.5	25	2.5	210
765-25X3	25	3	339
765-28X2	28	2	201
765-30X3	30	3	257
765-35X3	35	3	242
765-42X3	42	3	201

Tech Sheet 831

Seamless ASTM A269, Imperial, 3 Metre Lengths, Random

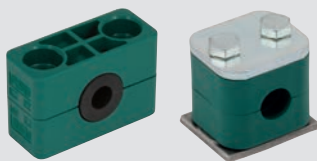
0214	OD	SWG	Max Pressure Bar
2020-1372	1/8"	20	718
2020-1380	1/4"	20	360
2020-1406	3/8"	20	240
2020-1414	1/2"	20	180
2020-1422	3/4"	20	120
2020-1430	1"	20	90

Tech Sheet 831

Seamless ASTM A269, Imperial, 6 Metre Lengths, Random

0214	OD	SWG	Max Pressure Bar
2020-1372-6M	1/8"	20	750
2020-1380-6M	1/4"	20	360
2020-1406-6M	3/8"	20	240
2020-1414-6M	1/2"	20	180
2020-1422-6M	3/4"	20	120
2020-1430-6M	1"	20	90

Tech Sheet 831



For Tube Clamps
Stainless Steel
see pages 186-189

High Pressure Stainless Steel Ball Valves

Working Temperature:
-20°C to +120°C

- Nitrile seals



2 Way, BSPP

0098	Thread	Max Pressure Bar
HBVSS-14	1/4"	500
HBVSS-38	3/8"	500
HBVSS-12	1/2"	500
HBVSS-34	3/4"	315
HBVSS-1	1"	315

Tech Sheet 20888

High Pressure Stainless Steel Block Style Ball Valves



2 Way, BSPP

0098	Thread	DN Size	Length mm	Max Pressure Bar
HBVSS-14	1/4"	6	69	500
HBVSS-38	3/8"	10	72	500
HBVSS-12	1/2"	13	83	500
HBVSS-34	3/4"	20	95	315
HBVSS-1	1"	25	113	315

Tech Sheet 10224

Due to the change of finishes used by our supplier, the product you receive may look slightly different to that illustrated.

Lockable High Pressure Stainless Steel Block Style Ball Valves

Lock not included



2 Way, BSPP

0098	Thread	DN Size	Length mm	Max Pressure Bar
HBBVSS-14-LK	1/4"	6	69	500
HBBVSS-38-LK	3/8"	10	72	500
HBBVSS-12-LK	1/2"	13	83	500
HBBVSS-34-LK	3/4"	20	95	315
HBBVSS-1-LK	1"	25	113	315

Tech Sheet 10224

Locking Device



Stainless Steel

0177	To Suit
HPBVLD-1	DN6, DN8, DN10, DN13
HPBVLD-2	DN20, DN25
HPBVLD-3	DN32, DN38, DN50

Tech Sheet 10171

Stainless Steel Lockable Ball Valves

Suitable for domestic water services, heating and air-conditioning plants, and compressed air systems.

- Full bore
- PTFE seals
- PTFE O-rings

Working Temperature:
-20°C to +180°C

Maximum Working Pressure:
63 bar: up to 3/4"
50 bar: 1" and 1.1/4"
40 bar: 1.1/2" upwards



2 Piece, Full Bore, Male x Female, BSPP

0901	Thread
789-14	1/4"
789-38	3/8"
789-12	1/2"
789-34	3/4"
789-1	1"
789-114	1.1/4"
789-112	1.1/2"
789-2	2"

Tech Sheet 6019

316 Stainless Steel Ball Valves ISO Pad Mount

Features:

- Full bore
- PN16 flanged ends
- Direct mount ISO 5211
- Bureau Veritas certification
- Blowout proof stem
- Locking lever for 1" to 4"
- Suitable for applications such as chemical, petrochemical, hydraulic and compressed air

Working Temperature:
-20°C to +180°C

Maximum Working Pressure:
16 bar



Flanged PN16 Wafer Pattern Direct Mount Ball Valve

0901	Size
771 04	1/2"
771 05	3/4"
771 06	1"
771 07	1.1/4"
771 08	1.1/2"
771 09	2"
771 10	2.1/2"
771 11	3"
771 12	4"
771 13	5"
771 14	6"

Tech Sheet 6030

316 Stainless Steel Mini Ball Valves

Features:

- Suitable for domestic water services, heating and air-conditioning plants and compressed air systems

Working Temperature:
-29°C to +160°C

Maximum Working Pressure: 63 bar



Hexagon Body, Female, BSPP

0902	Thread
HEXSMBV14	1/4"
HEXSMBV38	3/8"
HEXSMBV12	1/2"
HEXSMBV34	3/4"
HEXSMBV1	1"

Tech Sheet 6018



Hexagon Body, Male x Female, BSPP

0902	Thread
HEXSMBV14M	1/4"
HEXSMBV38M	3/8"
HEXSMBV12M	1/2"
HEXSMBV34M	3/4"
HEXSMBV1M	1"

Tech Sheet 6018

Hygienic Stainless Steel Butterfly Valves



Weld End

0708	OD	OD mm	Length mm
BUTVWE-1	1"	12.7	68
BUTVWE-112	1.1/2"	19.05	76
BUTVWE-2	2"	25.4	80
BUTVWE-212	2.1/2"	38.1	80
BUTVWE-3	3"	50.8	82
BUTVWE-4	4"	63.5	88

Tech Sheet 68172



Clamp End

0708	Size	Length mm
BUTVCE-1	1"	66
BUTVCE-112	1.1/2"	70
BUTVCE-2	2"	70

Tech Sheet 68172



RJT Male x Male


0708	Size	Thread	Length mm
BUTVRJT-1	1"	45.72 x 8T WHIT	68
BUTVRJT-112	1.1/2"	58.42 x 8T WHIT	76
BUTVRJT-2	2"	72.72 x 6T WHIT	80
BUTVRJT-212	2.5"	85.42 x 6T WHIT	80
BUTVRJT-3	3"	98.12 x 6T WHIT	82
BUTVRJT-4	4"	123.52 x 6T WHIT	100


Tech Sheet 68172

316 Stainless Steel Ball Valves

Features:

- ATEX approved
- Investment casting
- Blowout proof stem
- Locking lever

 **Working Temperature:**
-20°C to +200°C

 **Maximum Working Pressure:** 63 bar



2 Piece, Full Bore, BSPP

0099	Thread
2006S-14	1/4"
2006S-38	3/8"
2006S-12	1/2"
2006S-34	3/4"
2006S-1	1"
2006S-114	1.1/4"
2006S-112	1.1/2"
2006S-2	2"

Tech Sheet 1966

2 Piece, Full Bore, NPT


0099	Thread
2006S-14N	1/4"
2006S-38N	3/8"
2006S-12N	1/2"
2006S-34N	3/4"
2006S-1N	1"
2006S-114N	1.1/4"
2006S-112N	1.1/2"
2006S-2N	2"

Tech Sheet 1966

Features:

- ATEX approved
- Investment casting
- Blowout proof stem
- Locking lever

 **Working Temperature:**
-20°C to +200°C

 **Maximum Working Pressure:** 138 bar



2 Piece, Full Bore, BSPP

0099	Thread
2006-14	1/4"
2006-38	3/8"
2006-12	1/2"
2006-34	3/4"
2006-1	1"

Tech Sheet 6003

Features:

- Full bore
- Investment casting
- Blowout proof stem
- Locking lever or wing handle

 **Working Temperature:**
-20°C to +200°C

 **Maximum Working Pressure:**
63 bar



Wing Handle, BSPP

0099	Size
2006FW-14W	1/4"
2006FW-38W	3/8"
2006FW-12W	1/2"

Tech Sheet 6001

316 Stainless Steel Ball Valves

Working Temperature:
-20°C to +200°C

Maximum Working Pressure:
63 bar

- Features:
- Investment casting
 - Blowout proof stem
 - Locking lever



1 Piece, Reduced Bore, BSPP

0924	Thread
2017FW-14	1/4"
2017FW-38	3/8"
2017FW-12	1/2"
2017FW-34	3/4"
2017FW-1	1"
2017FW-114	1.1/4"
2017FW-112	1.1/2"
2017FW-2	2"

Tech Sheet 6000



2 Piece, Full Bore, BSPP

0924	Thread
2006FW-14	1/4"
2006FW-38	3/8"
2006FW-12	1/2"
2006FW-34	3/4"
2006FW-1	1"
2006FW-114	1.1/4"
2006FW-112	1.1/2"
2006FW-2	2"
2006FW-212	2.1/2"
2006FW-3	3"

Tech Sheet 6001



3 Piece, Full Bore, BSPP

0924	Thread
2013FW-14	1/4"
2013FW-38	3/8"
2013FW-12	1/2"
2013FW-34	3/4"
2013FW-1	1"
2013FW-114	1.1/4"
2013FW-112	1.1/2"
2013FW-2	2"
2013FW-212	2.1/2"
2013FW-3	3"
2013FW-4	4"

Tech Sheet 6005



3 Piece, Full Bore, NPT

0924	Thread
2013FW-14N	1/4"
2013FW-38N	3/8"
2013FW-12N	1/2"
2013FW-34N	3/4"
2013FW-1N	1"
2013FW-114N	1.1/4"
2013FW-112N	1.1/2"
2013FW-2N	2"
2013FW-212N	2.1/2"
2013FW-3N	3"
2013FW-4N	4"

Tech Sheet 6005



3 Piece, Full Bore, Butt Weld

0924	Size
2012FW-14	1/4"
2012FW-38	3/8"
2012FW-12	1/2"
2012FW-34	3/4"
2012FW-1	1"
2012FW-114	1.1/4"
2012FW-112	1.1/2"
2012FW-2	2"
2012FW-212	2.1/2"
2012FW-3	3"
2012FW-4	4"

Tech Sheet 6005



3 Piece, Full Bore, Socket Weld

0924	Thread
2011FW-14	1/4"
2011FW-38	3/8"
2011FW-12	1/2"
2011FW-34	3/4"
2011FW-1	1"
2011FW-114	1.1/4"
2011FW-112	1.1/2"
2011FW-2	2"
2011FW-212	2.1/2"
2011FW-3	3"
2011FW-4	4"

Tech Sheet 6005

316 Stainless Steel Ball Valves ISO Pad Mount

Features:

- Direct mount ISO 5211
- ATEX approved
- TA Luft
- ISO 15848-1:2006 fugitive emissions
- Anti-static device
- Investment casting
- Blowout proof stem

° Working Temperature:
-20°C to +200°C

Maximum Working
Pressure: 63 bar



2 Piece, Full Bore, BSPP

0924	Thread
2006SD-14	1/4"
2006SD-38	3/8"
2006SD-12	1/2"
2006SD-34	3/4"
2006SD-1	1"
2006SD-114	1.1/4"
2006SD-112	1.1/2"
2006SD-2	2"

Tech Sheet 6004

Features:

- Direct mount ISO 5211
- ATEX approved
- Anti-static device
- Investment casting
- Blowout proof stem
- Locking lever
- Suitable for saturated steam up to 6 bar

° Working Temperature:
-20°C to +200°C

Maximum Working
Pressure: 63 bar



3 Piece, Full Bore, BSPP

0924	Thread
2013ND-14	1/4"
2013ND-38	3/8"
2013ND-12	1/2"
2013ND-34	3/4"
2013ND-1	1"
2013ND-114	1.1/4"
2013ND-112	1.1/2"
2013ND-2	2"
2013ND-212	2.1/2"
2013ND-3	3"
2013ND-4	4"

Tech Sheet 6006

3 Piece, Full Bore, NPT

0924	Thread
2013ND-12N	1/2"
2013ND-34N	3/4"
2013ND-1N	1"
2013ND-114N	1.1/4"
2013ND-112N	1.1/2"
2013ND-2N	2"

Tech Sheet 6006

3 Piece, Full Bore, Butt Weld

0924	Thread
2012ND-12	1/2"
2012ND-34	3/4"
2012ND-1	1"
2012ND-114	1.1/4"
2012ND-112	1.1/2"
2012ND-2	2"
2012ND-212	2.1/2"
2012ND-3	3"
2012ND-4	4"

Tech Sheet 6006

3 Piece, Full Bore, Socket Weld

0924	Thread
2011ND-12	1/2"
2011ND-34	3/4"
2011ND-1	1"
2011ND-114	1.1/4"
2011ND-112	1.1/2"
2011ND-2	2"
2011ND-212	2.1/2"
2011ND-3	3"
2011ND-4	4"

Tech Sheet 6006



You might also need a...
Haitima Pneumatic Actuator
...see page 1015

STAINLESS STEEL VALVES

stainless steel



316 Stainless Steel Ball Valves

Features:

- Investment casting
- Blowout proof stem
- Locking lever

Working Temperature:
-20°C to +200°C

Maximum Working Pressure: 16 bar



PN16 Full Bore

0924	Flange Size	Bore mm
2019S 04	1/2"	15
2019S 05	3/4"	20
2019S 06	1"	25
2019S 07	1.1/4"	32
2019S 08	1.1/2"	40
2019S 09	2"	50
2019S 10	2.1/2"	65
2019S 11	3"	80
2019S 12	4"	100
2019S 14	6"	150

Tech Sheet 6011

Features:

- Investment casting
- Blowout proof stem
- Locking lever

Working Temperature:
-20°C to +200°C

Maximum Working Pressure: 19.6 bar



ANSI150 Full Bore

0099	Flange Size	Bore mm
2020S 04	1/2"	15
2020S 05	3/4"	20
2020S 06	1"	25
2020S 08	1.1/2"	40
2020S 09	2"	50
2020S 10	2.1/2"	65
2020S 11	3"	80
2020S 12	4"	100
2020S 14	6"	150

Tech Sheet 6013

3 Piece Full Bore Fire Safe Direct Mount Ball Valve

Features:

- Full bore
- Direct mount ISO 5211
- ATEX approved
- DNV certifie
- Anti-static device
- Investment casting
- Blowout proof stem
- Locking lever

Working Temperature:
-20°C to +220°C

Maximum Working Pressure:
138 bar: 1/2" to 1"
103 bar: 1.1/4" to 2"
63 bar: 2.1/2" upwards



BSPP

0924	Thread
2013KMD-12	1/2"
2013KMD-34	3/4"
2013KMD-1	1"
2013KMD-114	1.1/4"
2013KMD-112	1.1/2"
2013KMD-2	2"
2013KMD-212	2.1/2"
2013KMD-3	3"

Tech Sheet 6007

NPT

0924	Thread
2013KMD-12N	1/2"
2013KMD-34N	3/4"
2013KMD-1N	1"
2013KMD-114N	1.1/4"
2013KMD-112N	1.1/2"
2013KMD-2N	2"
2013KMD-3N	3"

Tech Sheet 6007

Butt Weld

0924	Size
2012KMD-12	1/2"
2012KMD-34	3/4"
2012KMD-1	1"
2012KMD-112	1.1/2"
2012KMD-2	2"

Tech Sheet 6007

Socket Weld

0924	Size
2011KMD-12	1/2"
2011KMD-34	3/4"
2011KMD-1	1"
2011KMD-114	1.1/4"
2011KMD-112	1.1/2"
2011KMD-2	2"

Tech Sheet 6007

Fire Safe Direct Mount Ball Valves

Features:

- Direct mount ISO 5211
- ATEX approved
- Fire Safe API 607 4th edition
- DNV certifie
- Anti-static device
- Investment casting
- Blowout proof stem
- Locking lever
- NACE MR0175

° Working Temperature:
-20°C to +200°C



2 Piece, Flanged PN16, Full Bore

0924	Flange Size	Flange	Max Pressure bar
2019D 04	1/2"	PN16/40	40
2019D 05	3/4"	PN16/40	40
2019D 06	1"	PN16/40	40
2019D 07	1.1/4"	PN16/40	40
2019D 08	1.1/2"	PN16/40	40
2019D 09	2"	PN16/40	40
2019D 10	2.1/2"	PN16	16
2019D4 10	2.1/2"	PN40	40
2019D 11	3"	PN16	16
2019D4 11	3"	PN40	40
2019D 12	4"	PN16	16
2019D4 12	4"	PN40	40
2019D 13	5"	PN16	16
2019D 14	6"	PN16	16
2019D 16	8"	PN16	16

Tech Sheet 10336

316 Stainless Steel Ball Valve Accessories

Features:

- ISO mounting pad to ISO 5211

° Working Temperature:
-20°C to +200°C



Stem Extension

0924	Valve ISO	Stem Size
TSM 1	F04	9
TSM 2	F05	11
TSM 3	F07	14
TSM 4	F10	17
TSM 5	F12	22

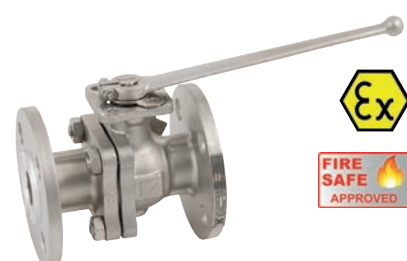
Tech Sheet 6016

Features:

- Direct mount ISO 5211
- ATEX approved
- Fire Safe API 607 4th edition
- Anti-static device
- Investment casting
- Blowout proof stem
- Locking lever
- NACE MR0175

° Working Temperature:
-20°C to +230°C

Maximum Working Pressure:
19.6 bar



2 Piece, Flanged ANSI150, Full Bore

0924	Flange Size
2020D 04	1/2"
2020D 05	3/4"
2020D 06	1"
2020D 07	1.1/4"
2020D 08	1.1/2"
2020D 09	2"
2020D 10	2.1/2"
2020D 11	3"
2020D 12	4"
2020D 14	6"

Tech Sheet 10331

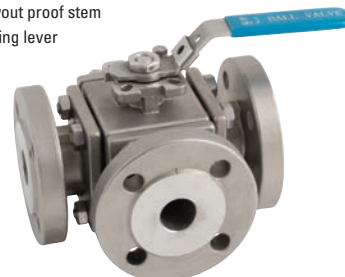
Other Flanged End connections are available on request

316 Stainless Steel Direct Mount Ball Valves

Features:

- Direct mount ISO 5211
- Investment casting
- Blowout proof stem
- Locking lever

° Working Temperature:
-20°C to +200°C



3 Way, L Port, Flanged PN16, Full Bore

0924	Flange Size	Max Pressure bar
2059DL16 04	1/2"	16
2059DL16 06	1"	16
2059DL16 08	1.1/2"	16
2059DL16 09	2"	16
2059DL16 10	2.1/2"	16
2059DL16 11	3"	16
2059DL16 12	4"	16
2059DL16 14	6"	16

Tech Sheet 6015

3 Way, L Port, Flanged ANSI150, Full Bore

0924	Flange Size	Max Pressure bar
2059DL150 04	1/2"	19.6
2059DL150 06	1"	19.6
2059DL150 08	1.1/2"	19.6
2059DL150 09	2"	19.6
2059DL150 11	3"	19.6
2059DL150 12	4"	19.6
2059DL150 14	6"	19.6

Tech Sheet 6015

3 Way, T Port, Flanged PN16, Full Bore

0924	Flange Size	Max Pressure bar
2059DT16 04	1/2"	16
2059DT16 06	1"	16
2059DT16 08	1.1/2"	16
2059DT16 09	2"	16
2059DT16 10	2.1/2"	16
2059DT16 11	3"	16
2059DT16 12	4"	16
2059DT16 14	6"	16

Tech Sheet 6015

3 Way, T Port, Flanged ANSI150, Full Bore

0924	Flange Size	Max Pressure bar
2059DT150 04	1/2"	19.6
2059DT150 06	1"	19.6
2059DT150 08	1.1/2"	19.6
2059DT150 09	2"	19.6
2059DT150 11	3"	19.6
2059DT150 12	4"	19.6
2059DT150 14	6"	19.6


Tech Sheet 6015


STAINLESS STEEL VALVES

316 Stainless Steel Ball Valves ISO Pad Mount

Features:

- Reduced bore
- Direct mount ISO 5211
- Anti-static device
- Blowout proof stem
- Locking lever

 **Working Temperature:**
-25°C to +180°C

 **Maximum Working Pressure:** 63 bar



3 Way, L Port, BSPP

0902	Thread
2040-14	1/4"
2040-38	3/8"
2040-12	1/2"
2040-34	3/4"
2040-1	1"
2040-114	1.1/4"
2040-112	1.1/2"
2040-2	2"
2040-212	2.1/2"

Tech Sheet 6025



3 Way, T Port, BSPP

0902	Thread
2041-14	1/4"
2041-38	3/8"
2041-12	1/2"
2041-34	3/4"
2041-1	1"
2041-114	1.1/4"
2041-112	1.1/2"
2041-2	2"
2041-212	2.1/2"


Tech Sheet 6025


GATE VALVES

Stainless Steel Flanged Gate Valves

Features:

- Investment casting
- Rising stem

 **Working Temperature:**
-20°C to +200°C

 **Maximum Working Pressure:**
PN16: 16 bar



PN16

0982	Flange Size
2054SL16 04	1/2"
2054SL16 06	1"
2054SL16 07	1.1/4"
2054SL16 08	1.1/2"
2054SL16 09	2"
2054SL16 11	3"
2054SL16 12	4"
2054SL16 14	6"

Tech Sheet 1876

Features:

- Investment casting
- Rising stem

 **Working Temperature:**
-20°C to +200°C

 **Maximum Working Pressure:**
196 bar



ANSI150

0982	Flange Size
2054SL150 04	1/2"
2054SL150 06	1"
2054SL150 08	1.1/2"
2054SL150 09	2"
2054SL150 10	2.1/2"
2054SL150 11	3"
2054SL150 12	4"
2054SL150 14	6"

Tech Sheet 1873

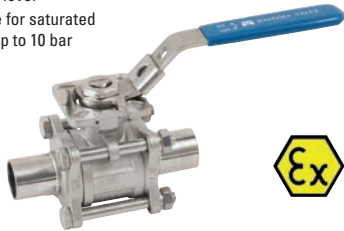
Hygienic 316 Stainless Steel Ball Valves ISO Pad Mount

Features:

- Cavity filled seats
- Direct mount ISO 5211
- ATEX approved
- Anti-static device
- Investment casting
- Blowout proof stem
- Locking lever
- Suitable for saturated steam up to 10 bar

° Working Temperature:
-20°C to +200°C

Maximum Working Pressure:
10 bar



3 Piece, Butt Weld

0924	Size	DN	OD mm	Length	ISO 5211
2012CD-12	1/2"	15	12.70	90.70	F03/F04
2012CD-34	3/4"	20	19.10	103	F03/F04
2012CD-1	1"	25	25.40	115	F04/F05
2012CD-112	1.1/2"	40	38.10	139	F05/F07
2012CD-2	2"	50	50.80	158	F05/F07
2012CD-212	2.1/2"	65	63.50	197	F07/F10
2012CD-3	3"	80	76.20	228	F07/F10
2012CD-4	4"	100	101.60	241.80	F10/F12

Tech Sheet 6009

° Working Temperature:
-20°C to +200°C

Maximum Working Pressure:
10 bar



3 Piece, Clamp End

0924	Size	DN	Length	ISO 5211
2013CD-12	1/2"	15	90.70	F03/F04
2013CD-34	3/4"	20	103	F03/F04
2013CD-1	1"	25	115	F04/F05
2013CD-112	1.1/2"	40	139	F05/F07
2013CD-2	2"	50	158	F05/F07
2013CD-212	2.1/2"	65	197	F07/F10
2013CD-3	3"	80	228	F07/F10
2013CD-4	4"	100	241.80	F10/F12

Tech Sheet 6009

Features:

- Direct mount ISO 5211
- Investment casting
- Blowout proof stem
- Locking lever
- Suitable for saturated steam up to 10 bar

° Working Temperature:
-20°C to +200°C

Maximum Working Pressure:
10 bar



3 Way, L Port, Butt Weld

0924	Size	DN	OD mm	Length	ISO 5211
2057CBL-12	1/2"	15	12.70	118	F03/F04
2057CBL-1	1"	25	25.40	152.40	F04/F05
2057CBL-112	1.1/2"	40	38.10	175	F05/F07
2057CBL-2	2"	50	50.80	190	F05/F07
2057CBL-212	2.1/2"	65	63.50	228	F07/F10
2057CBL-3	3"	80	76.20	260	F07/F10
2057CBL-4	4"	100	102	289	F10/F12

Tech Sheet 6009

3 Way, T Port, Butt Weld

0924	Size	DN	OD mm	Length	ISO 5211
2057CBT-12	1/2"	15	12.70	118	F03/F04
2057CBT-1	1"	25	25.40	152.40	F04/F05
2057CBT-112	1.1/2"	40	38.10	175	F05/F07
2057CBT-2	2"	50	50.80	190	F05/F07
2057CBT-212	2.1/2"	65	63.50	228	F07/F10
2057CBT-3	3"	80	76.20	260	F07/F10
2057CBT-4	4"	100	102	289	F10/F12

Tech Sheet 6009

Hygienic 316 Stainless Steel Ball Valves



° Working Temperature:
-20°C to +160°C

Maximum Working Pressure:
8 bar

Features:

- Cavity filled seats
- Locking lever

3 Piece, Weld End

0708	OD	OD mm	Length mm
HSBVWE-12	1/2"	12.7	89
HSBVWE-34	3/4"	19.05	101
HSBVWE-1	1"	25.4	114
HSBVWE-112	1.1/2"	38.1	140
HSBVWE-2	2"	50.8	156
HSBVWE-212	2.1/2"	63.5	197
HSBVWE-3	3"	76.2	229
HSBVWE-4	4"	101.6	242.7

Tech Sheet 68171



° Working Temperature:
-20°C to +160°C

Maximum Working Pressure:
8 bar

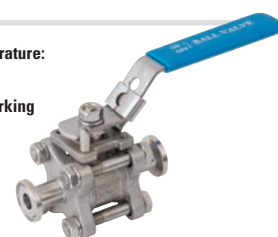
Features:

- Cavity filled seats
- Locking lever

3 Piece, Clamp End

0708	Clamp Size	Length mm
HSBVCE-12	1/2"	89
HSBVCE-34	3/4"	101
HSBVCE-1	1"	114
HSBVCE-112	1.1/2"	140
HSBVCE-2	2"	156
HSBVCE-212	2.1/2"	197
HSBVCE-3	3"	229
HSBVCE-4	4"	242.7

Tech Sheet 68171



CHECK VALVES

stainless steel



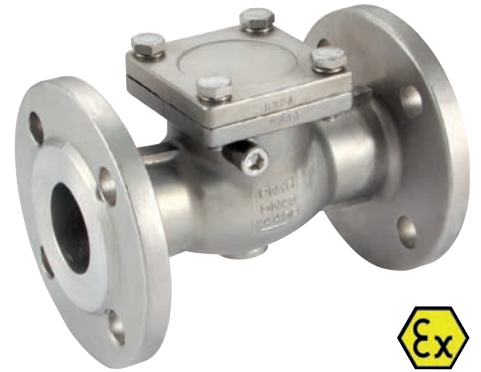
Stainless Steel Flanged Check Valves

Features:

- Installation in a horizontal position only
- Suitable for saturated steam up to 10 bar

Working Temperature:
-20°C to +200°C

Maximum Working Pressure:
19.6 bar: ANSI150
16 bar: PN16



ANSI150

0982	Flange Size
2024SL150 06	1"
2024SL150 08	1.1/2"
2024SL150 09	2"
2024SL150 11	3"
2024SL150 12	4"
2024SL150 14	6"
Tech Sheet 1875	

Other sizes on request.

PN16

0982	Flange Size
2024SL16 06	1"
2024SL16 08	1.1/2"
2024SL16 09	2"
2024SL16 10	2.1/2"
2024SL16 11	3"
2024SL16 12	4"
2024SL16 14	6"
Tech Sheet 1875	

Cannot see the product you're looking for? Contact us. More often than not, we can acquire that product.



stainless steel



You may also need...
Stainless Steel 150lb Fittings
...see pages 1181-1185

CHECK VALVES

Cromax Spring Check Valves

Body: 304SS or 316SS

Seal: Viton

Other sizes on request.

° Working Temperature:
-20°C - +150°C

Maximum Working Pressure: 16 bar



304 Stainless Steel, BSPP

0902	Thread
2440-14	1/4"
2440-38	3/8"
2440-12	1/2"
2440-34	3/4"
2440-1	1"
2440-114	1.1/4"
2440-112	1.1/2"
2440-2	2"

Tech Sheet 1871

316 Stainless Steel, BSPP

0902	Thread
2445-14	1/4"
2445-38	3/8"
2445-12	1/2"
2445-34	3/4"
2445-1	1"
2445-114	1.1/4"
2445-112	1.1/2"
2445-2	2"

Tech Sheet 1871

Check Valves Basket

Features:

- BSPP threads
- Mesh size 1mm up to 2". 1.9mm for 2.1/2" upwards

° Working Temperature:
-20°C to +150°C

Maximum Working Pressure: 16 bar



Strainer Basket for CROMAX Spring Check Valve

0902	Size	DN
2447-12	1/2"	15
2447-34	3/4"	20
2447-1	1"	25
2447-114	1.1/4"	32
2447-112	1.1/2"	40
2447-2	2"	50
2447-212	2.1/2"	65
2447-3	3"	80
2447-4	4"	100

Tech Sheet 6094

Wafer Check Valves

Seal: Viton

- Can be mounted between PN10/16 and ANSI150 flange

° Working Temperature:
-20°C to +180°C

Maximum Working Pressure: 16 bar



Wafer Pattern, Swing

0902	Flange Size
2406 08	1.1/2"
2406 09	2"
2406 10	2.1/2"
2406 11	3"
2406 12	4"
2406 13	5"
2406 14	6"
2406 16	8"
2406 18	10"
2406 20	12"

Tech Sheet 1878

Features:

- Can be mounted between PN25 and ANSI150 flange
- Can be installed in any position

° Working Temperature:
-20°C to +180°C

Maximum Working Pressure: 25 bar



Dual Plate Spring Assisted Swing

0902	Flange Size
2402 09	2"
2402 10	2.1/2"
2402 11	3"
2402 12	4"
2402 13	5"
2402 14	6"
2402 16	8"

Tech Sheet 6096

CHECK VALVES



Stainless Steel Spring Check Valves

Features:

- Installation in a horizontal position only

Working Temperature:
-25°C to +180°C

Maximum Working Pressure:
200 psi (13.8 bar)



Swing, BSPP

0900	Thread
2030-12	1/2"
2030-34	3/4"
2030-1	1"
2030-114	1.1/4"
2030-112	1.1/2"
2030-2	2"
2030-212	2.1/2"
2030-3	3"

Tech Sheet 6098

Features:

- Can be installed in any position

Working Temperature:
-25°C to +180°C



Spring Assisted, BSPP

0900	Thread	Max Pressure bar
2413-14	1/4"	83
2413-38	3/8"	83
2413-12	1/2"	83
2413-34	3/4"	83
2413-1	1"	83
2413-114	1.1/4"	69
2413-112	1.1/2"	69
2413-2	2"	63

Tech Sheet 6093

Features:

- Can be mounted between PN16/25/40 and ANSI150 flanges
- Can be installed in any position
- Suitable for saturated steam up to 10 bar

Working Temperature:
-20°C to +180°C

Maximum Working Pressure: 40 bar



Spring Assisted Wafer Pattern

0933	Flange Size
2026 04	1/2"
2026 05	3/4"
2026 06	1"
2026 07	1.1/4"
2026 08	1.1/2"
2026 09	2"
2026 10	2.1/2"
2026 11	3"
2026 12	4"

Tech Sheet 6095

Features:

- Can be installed in any position
- Suitable for saturated steam up to 10 bar

Working Temperature:
-20°C to +180°C

Maximum Working Pressure: 40 bar



3 Piece, Spring Assisted, BSPP

0933	Thread
2026C-12	1/2"
2026C-34	3/4"
2026C-1	1"
2026C-114	1.1/4"
2026C-112	1.1/2"
2026C-2	2"
2026C-212	2.1/2"
2026C-3	3"
2026C-4	4"

Tech Sheet 6097

High Pressure Check Valves

Maximum Working Pressure: 350 bar



BSPP, 0.5 bar Cracking Pressure

0098	Thread
HCVSS-3/8	3/8"
HCVSS-1/2	1/2"
HCVSS-3/4	3/4"
HCVSS-1	1"

Tech Sheet 10043

Strainers for YS Series



Stainless Steel AISI 304

0090	To Suit
192-12-STRAINER	YS-12
192-34-STRAINER	YS-34
192-1-STRAINER	YS-1
192-114-STRAINER	YS-114
192-112-STRAINER	YS-112
192-2-STRAINER	YS-2
192-212-STRAINER	YS-212
192-3-STRAINER	YS-3
192-4-STRAINER	YS-4

Tech Sheet 2032

Stainless Steel Y Strainers

Features:

- 0.4mm perforations
- Suitable for saturated steam up to 10 bar

Working Temperature:
-25°C to +180°C

Maximum Working Pressure:
800 psi (55.16 bar)

stainless steel



BSP

0900	Size
2049-38	3/8"
2049-12	1/2"
2049-34	3/4"
2049-1	1"
2049-114	1.1/4"
2049-112	1.1/2"
2049-2	2"

Tech Sheet 2049

NPT

0900	Size
2049-12N	1/2"
2049-34N	3/4"
2049-1N	1"
2049-114N	1.1/4"
2049-112N	1.1/2"
2049-2N	2"

Tech Sheet 2049

Y STRAINERS

stainless steel



HAITIMA

Flanged Y Strainers

Features:

- 0.4mm perforations

Working Temperature:
-20°C to +200°C

Maximum Working Pressure:
16 bar: PN16
19.6 bar: ANSI150

PN16

0982	Size
2049SL16 04	1/2"
2049SL16 05	3/4"
2049SL16 06	1"
2049SL16 07	1.1/4"
2049SL16 08	1.1/2"
2049SL16 09	2"
2049SL16 10	2.1/2"
2049SL16 11	3"
2049SL16 12	4"
2049SL16 13	5"
2049SL16 14	6"

Tech Sheet 1877

ANSI150

0982	Size
2049SL150 04	1/2"
2049SL150 05	3/4"
2049SL150 06	1"
2049SL150 08	1.1/2"
2049SL150 09	2"
2049SL150 10	2.1/2"
2049SL150 11	3"
2049SL150 12	4"
2049SL150 13	5"
2049SL150 14	6"

Tech Sheet 1874



STAINLESS STEEL VALVES

stainless steel



3,000 psi Rated Mini Needle Valve

Working Temperature:
-50°C to +121°C

Maximum Working Pressure:
205 bar

Seal: Viton



NPT

0292	Thread	Description
PMV-H-S-4-FF-V	1/4"	Female x Female
PMV-H-S-4-MF-V	1/4"	Male x Female

Tech Sheet 10506

6,000 psi Rated Imperial Needle Valves

The 'IB' series of needle valves are specially designed and manufactured for use in corrosive and hazardous environments. These valves are for use in process control, instrumentation and flow control applications.

Feature Benefits
One piece body construction for strength and safety. Non rotating Vee tip design, which forms a bearing joint with the stem eliminating

any rotation between the plug and seat on closure ensuring long life. **Testing:** All valves are 100% factory tested and complete traceability is available upon request.

Material: Body, panel nut, washer and gland nut A479-316
Stem: A479-316 / 17-4PH
Packing: PTFE
Grub Screw: Steel plated
Handle: Stainless steel
See Tip: A 564-630

Working Temperature:
-29°C to +121°C

Maximum Working Pressure:
413 bar (6,000 psi)

Female x Female, NPTF

0292	Thread
PNV-IB-S-2-FF	1/8"
PNV-IB-S-4-FF	1/4"
PNV-IB-S-6-FF	3/8"
PNV-IB-S-8-FF	1/2"
PNV-IB-S-12-FF	3/4"
PNV-IB-S-16-FF	1"

Tech Sheet 2156



Female x Female, BSPP

0099	Thread
2018-6938	1/4"
2018-6946	3/8"
2018-6953	1/2"

Tech Sheet 10036

Male x Female, NPTF

0292	Thread
PNV-IB-S-2-MF	1/8"
PNV-IB-S-4-MF	1/4"
PNV-IB-S-6-MF	3/8"
PNV-IB-S-8-MF	1/2"
PNV-IB-S-12-MF	3/4"
PNV-IB-S-16-MF	1"

Tech Sheet 2156



OD Compression

0292	OD
NV6000-18	1/8"
NV6000-14	1/4"
NV6000-38	3/8"
NV6000-12	1/2"
NV6000-34	3/4"
NV6000-1	1"

Tech Sheet 2156



10,000 psi Rated Imperial Needle Valves

The 'HP' series of needle valves are specially designed and manufactured for use in corrosive and hazardous environments. These valves are for use in process control, instrumentation and flow control applications.

Feature Benefits
One piece body construction for strength and safety. Non rotating Vee tip design, which forms a bearing joint with the stem eliminating any rotation between the plug and seat on closure ensuring long life.

Testing: Each valve is hydrostatically tested in accordance with MSS-SP-99. This procedure includes testing of the body cavity. A Hydrostatic test is

performed with pure water or other liquids of similar or lower viscosity at 1.5 times and seat leakage test at 1.1 times of the maximum working pressure.

Each valve is also tested with nitrogen gas at 1000psi for seat, seal and shell leakage. Other tests like vibration, temperature and helium are available upon request.

Material: Body, stem, packing washer, lock nut and gland retainer A479-316/A-105
Gland Packing: Glass Filled PTFE
Packing: PTFE
Handle: Stainless steel
Dust Cap: Plastic
See Tip: A 564-630

Working Temperature:
-50°C to +93°C

Maximum Working Pressure:
700 bar (10,000 psi)

Female x Female, NPTF

0292	Thread
PNV-HP-S-2-FF	1/8"
PNV-HP-S-4-FF	1/4"
PNV-HP-S-6-FF	3/8"
PNV-HP-S-8-FF	1/2"
PNV-HP-S-16-FF	1"

Tech Sheet 2157



Male x Female, NPTF

0292	Thread
PNV-HP-S-2-MF	1/8"
PNV-HP-S-4-MF	1/4"
PNV-HP-S-6-MF	3/8"
PNV-HP-S-8-MF	1/2"
PNV-HP-S-12-MF	3/4"
PNV-HP-S-16-MF	1"

Tech Sheet 2157



STAINLESS STEEL VALVES



Manifold Valves

Working Temperature:
-29°C to +121°C

Maximum Working Pressure:
414 bar

2 Valve manifold pipe to pipe design for separate mounting, connection system impulse lines and transmitters, having a simple 2 valve configuration, which allows for easy block, bleed and calibration of static pressure transmitter of gauge.

Other mounting options are available on request.



2 Valve Manifold, Pipe to Pipe, NPT

0380	Thread
P2VM-SS-8-R	1/2"

Tech Sheet 10216

3 Valve manifold pipe to pipe design for connecting system impulse lines and transmitters. This valve consists of 1/2" NPT female connectors on 54mm centres and 1 equalizer valve and 2 block valves.

Other mounting options are available on request.



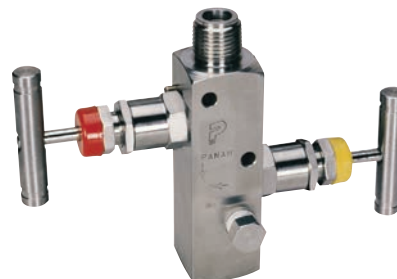
3 Valve Manifold, Pipe to Pipe, NPT

0380	Thread
P3VM-SS-8-R	1/2"

Tech Sheet 10216

2 Valve manifold remote mount flange to flange design for separate mounting, connecting system impulse lines and transmitters, having a simple 2 valve configuration, which allows for easy block, bleed and calibration of static pressure transmitter of gauge.

Other mounting options are available on request.



2 Valve Manifold, Remote Mount, NPT

0380	Thread
P2VM-SS-8-RM	1/2"

Tech Sheet 10216

STAINLESS STEEL COMPRESSION BALL VALVES



Stainless Steel 6,000 psi, Check Valves

Working Temperature:
-26°C to +190°C

Cracking Pressure:
0.35 psi

Maximum Working Pressure:
414 bar

Seal: Viton



Female, NPT

0292	Thread
PCV-02-SS-FF	1/8"
PCV-04-SS-FF	1/4"
PCV-06-SS-FF	3/8"
PCV-08-SS-FF	1/2"
PCV-12-SS-FF	3/4"
PCV-16-SS-FF	1"

Tech Sheet 10507

6,000 psi Rated Ball Valves

Working Temperature:
0°C to +40°C

Maximum Working Pressure:
400 bar



Female, NPT

0292	Thread
PBV-2-S-02-FF	1/8"
PBV-2-S-04-FF	1/4"
PBV-2-S-06-FF	3/8"
PBV-2-S-08-FF	1/2"
PBV-2-S-12-FF	3/4"
PBV-2-S-16-FF	1"

Tech Sheet 10508

Ball Valves

Working Pressure:
6000 psi



Compression, 2 Way

0292	OD
BV6000-18	1/8"
BV6000-12	1/2"

Tech Sheet 20847

ISO A INTERCHANGE COUPLINGS & PLUGS

stainless steel



ISO A Interchange

Working Temperature:
-25°C to +120°C Nitrile
-25°C to +175°C Viton



316 Stainless Steel ISO A Coupling with Viton Seals, BSPP

8111	Thread	Max Pressure Bar
HFSSFC7314-V	1/4"	250
HFSSFC7338-V	3/8"	200
HFSSFC7312-V	1/2"	200
HFSSFC7334-V	3/4"	160
HFSSFC7310-V	1"	125

Tech Sheet 10002



316 Stainless Steel ISO A Plug with Viton Seals, BSPP

8111	Thread	Max Pressure Bar
HFSSFP7314-V	1/4"	250
HFSSFP7338-V	3/8"	200
HFSSFP7312-V	1/2"	200
HFSSFP7334-V	3/4"	160
HFSSFP7310-V	1"	125

Tech Sheet 10002

316 Stainless Steel ISO A Coupling with Nitrile Seals, NPT

8111	Thread	Max Pressure Bar
HKSA04SS-NPT	1/4"	250
HKSA06SS-NPT	3/8"	200
HKSA08SS-NPT	1/2"	200
HKSA12SS-NPT	3/4"	160
HKSA16SS-NPT	1"	125

Tech Sheet 10002

316 Stainless Steel ISO A Plug with Nitrile Seals, NPT

8111	Thread	Max Pressure Bar
HKPA04SS-NPT	1/4"	250
HKPA06SS-NPT	3/8"	200
HKPA08SS-NPT	1/2"	200
HKPA12SS-NPT	3/4"	160
HKPA16SS-NPT	1"	125

Tech Sheet 10002

ISO B INTERCHANGE COUPLINGS & PLUGS

stainless steel



ISO B Interchange

Working Temperature:
-25°C to +120°C Nitrile
-25°C to +175°C Viton



316 Stainless Steel ISO B Coupling with Nitrile Seal, BSPP

0249	Thread	Max Pressure Bar
HKS02SS	1/8"	250
HKS04SS	1/4"	250
HKS06SS	3/8"	200
HKS08SS	1/2"	200
HKS12SS	3/4"	160
HKS16SS	1"	125

Tech Sheet 10003

316 Stainless Steel ISO B Coupling with Nitrile Seal, NPT

8111	Thread	Max Pressure Bar
HKS04SS-NPT	1/4"	250
HKS06SS-NPT	3/8"	200
HKS08SS-NPT	1/2"	200
HKS12SS-NPT	3/4"	160
HKS16SS-NPT	1"	125

Tech Sheet 10003

316 Stainless Steel ISO B Coupling with Viton Seal, BSPP

0249	Thread	Max Pressure Bar
HKS02SS-V	1/8"	250
HKS04SS-V	1/4"	250
HKS06SS-V	3/8"	200
HKS08SS-V	1/2"	200
HKS12SS-V	3/4"	160
HKS16SS-V	1"	125

Tech Sheet 10003

Other seals available on request



316 Stainless Steel ISO B Plug with Nitrile Seal, BSPP

0249	Thread	Max Pressure Bar
HKP02SS	1/8"	250
HKP04SS	1/4"	250
HKP06SS	3/8"	200
HKP08SS	1/2"	200
HKP12SS	3/4"	160
HKP16SS	1"	125

Tech Sheet 10003

316 Stainless Steel ISO B Plug with Nitrile Seal, NPT

8111	Thread	Max Pressure Bar
HKP04SS-NPT	1/4"	250
HKP06SS-NPT	3/8"	200
HKP08SS-NPT	1/2"	200
HKP12SS-NPT	3/4"	160
HKP16SS-NPT	1"	125

Tech Sheet 10003

316 Stainless Steel ISO B Plug with Viton Seal, BSPP

0249	Thread	Max Pressure Bar
HKP02SS-V	1/8"	250
HKP04SS-V	1/4"	250
HKP06SS-V	3/8"	200
HKP08SS-V	1/2"	200
HKP12SS-V	3/4"	160
HKP16SS-V	1"	125

Tech Sheet 10003

HYDRAULIC QUICK RELEASE COUPLINGS

stainless steel



PAVX Series, ISO A Stainless Steel Couplings

Working Temperature: -25°C to +200°C Viton

Maximum Working Pressure: 450 bar

Standard: ISO 7241-1 A
Occlusion: Poppet
Locking: Radial balls
Material: Stainless steel AISI 316

Available Threads: BSP, NPT
Standard Seals: Viton
Optional Seals: FFKM, EPDM
Connection Under Pressure: Not allowed

Coupling, BSPP

0457	Thread	ISO	Max Pressure Bar
PAVX.0606.002	1/4"	6.3	450
PAVX.1010.002	3/8"	10	300
PAVX.1313.002	1/2"	12.5	300
PAVX.2019.002	3/4"	20	250
PAVX.2525.002	1"	25	200
PAVX.3031.002	1.1/4"	31.5	100
PAVX.3939.002	1.1/2"	40	80
PAVX.5051.002	2"	50	60

Tech Sheet 20474



Plug, BSPP

0457	Thread	ISO	Max Pressure Bar
PAVX.0606.003	1/4"	6.3	450
PAVX.1010.003	3/8"	10	300
PAVX.1313.003	1/2"	12.5	300
PAVX.2019.003	3/4"	19	250
PAVX.2525.003	1"	25	200
PAVX.3031.003	1.1/4"	31.5	100
PAVX.3939.003	1.1/2"	40	80
PAVX.5051.003	2"	50	60

Tech Sheet 20474



PBVX Series, ISO B Stainless Steel Couplings

Working Temperature: -25°C to +200°C

Maximum Working Pressure: 400 bar

Standard: ISO 7241-1 B
Occlusion: Poppet
Locking: Radial balls
Material: Stainless steel AISI 316

Available Threads: BSP, NPT
Standard Seals: Viton
Optional Seals: FFKM, EPDM
Connection Under Pressure: Not allowed

Coupling, BSPP

0457	Thread	ISO	Max Pressure Bar
PBVX.0404.002	1/8"	5	400
PBVX.0606.002	1/4"	6.3	350
PBVX.1010.002	3/8"	10	300
PBVX.1313.002	1/2"	12.5	300
PBVX.2019.002	3/4"	20	220
PBVX.2525.002	1"	25	200
PBVX.3931.002	1.1/4"	40	80
PBVX.3939.002	1.1/2"	40	80
PBVX.5051.002	2"	50	60

Tech Sheet 20478



Plug, BSPP

0457	Thread	ISO	Max Pressure Bar
PBVX.0404.003	1/8"	5	400
PBVX.0606.003	1/4"	6.3	350
PBVX.1010.003	3/8"	10	300
PBVX.1313.003	1/2"	12.5	300
PBVX.2019.003	3/4"	20	220
PBVX.2525.003	1"	25	200
PBVX.3931.003	1.1/4"	40	80
PBVX.3939.003	1.1/2"	40	80
PBVX.5051.003	2"	50	60

Tech Sheet 20478



HYDRAULIC QUICK RELEASE COUPLINGS



PLTX Series, ISO 16028 Flat Face Couplings, Stainless Steel

Standard: ISO 16028
Occlusion: Flat face
Locking: Radial balls
Material: Stainless steel AISI 316

Available Threads: BSP, NPT, SAE
Standard Seals: Viton
Optional Seals: EPDM, FFKM
Connection Under Pressure: Not allowed

Working Temperature: -25°C to +100°C
Maximum Working Pressure: 350 bar



Coupling, BSPP

0457	Thread	ISO	Max Pressure Bar
PLTX.0606.112	1/4"	6.3	400
PLTX.1310.112	3/8"	10	250
PLTX.1313.112	1/2"	10	250
PLTX.2013.112	1/2"	12.5	250
PLTX.2019.112	3/4"	12.5	250
PLTX.2519.112	3/4"	19	250
PLTX.2525.112	1"	19	250
PLTX.3031.112	1.1/4"	25	250
PLTX.3939.112	1.1/2"	40	150
PLTX.5051.112	2"	50	100

Tech Sheet 20483



Plug, BSPP

0457	Thread	ISO	Max Pressure Bar
PLTX.0606.113	1/4"	6.3	400
PLTX.1310.113	3/8"	10	250
PLTX.1313.113	1/2"	10	250
PLTX.2013.113	1/2"	12.5	250
PLTX.2019.113	3/4"	12.5	250
PLTX.2519.113	3/4"	19	250
PLTX.2525.113	1"	19	250
PLTX.3031.113	1.1/4"	25	250
PLTX.3939.113	1.1/2"	40	150
PLTX.5051.113	2"	50	100

Tech Sheet 20483

PLSX Series, Flat Face, Stainless Steel

Interchange: Snap-Tite 71
Occlusion: Flat face
Locking: Radial balls
Material: Stainless steel AISI 316

Available Threads: BSP, NPT
Standard Seals: Viton
Optional Seals: FFKM, EPDM
Connection Under Pressure: Not allowed

Working Temperature: -25°C to +100°C
Maximum Working Pressure: 350 bar



Coupling, BSPP

0457	Thread	ISO	Max Pressure Bar
PLSX.0606.112	1/4"	6.3	350
PLSX.1010.112	3/8"	10	350
PLSX.1013.112	1/2"	10	350
PLSX.1313.112	1/2"	12.5	350
PLSX.2019.112	3/4"	19	350
PLSX.2525.112	1"	25	350
PLSX.2531.112	1.1/4"	25	350

Tech Sheet 20485



Plug, BSPP

0457	Thread	ISO	Max Pressure Bar
PLSX.0606.113	1/4"	6.3	350
PLSX.1010.113	3/8"	10	350
PLSX.1013.113	1/2"	10	350
PLSX.1313.113	1/2"	12.5	350
PLSX.2019.113	3/4"	19	350
PLSX.2525.113	1"	25	350
PLSX.2531.113	1.1/4"	25	350

Tech Sheet 20485

PLS1 Series, Flat Face

Material: Steel
Finishing: Zn-Fe (Cr III)
Available Threads: BSP, NPT, SAE

Standard Seals: Nitrile
Optional Seals: Viton, EPDM
Connection Under Pressure: Not allowed



Coupling, BSPP

0457	Thread	ISO	Max Pressure Bar
PLS1.0606.112	1/4"	6.3	350
PLS1.1010.112	3/8"	10	350
PLS1.1013.112	1/2"	10	350
PLS1.1313.112	1/2"	12.5	350
PLS1.2019.112	3/4"	19	350
PLS1.2525.112	1"	25	350
PLS1.2531.112	1.1/4"	25	350

Tech Sheet 20484



Plug, BSPP

0457	Thread	ISO	Max Pressure Bar
PLS1.0606.113	1/4"	6.3	350
PLS1.1010.113	3/8"	10	350
PLS1.1013.113	1/2"	10	350
PLS1.1313.113	1/2"	12.5	350
PLS1.2019.113	3/4"	19	350
PLS1.2525.113	1"	25	350
PLS1.2531.113	1.1/4"	25	350

Tech Sheet 20484

ISO 16028 Flat Face Protection Caps & Plugs

Plug for Coupling

Cap for Plug



Plug for Coupling

0457	To Suit	Material
SPLT.06002	ISO 6.3	Plastic
SPLT.13002	ISO 10	Plastic
SPLT.20002	ISO 12.5	Plastic
SPLT.25002	ISO 19	Plastic

Tech Sheet 20483

Cap for Plug

0457	To Suit	Material
SPLT.06003	ISO 6.3	Plastic
SPLT.13003	ISO 10	Plastic
SPLT.20003	ISO 12.5	Plastic
SPLT.25003	ISO 19	Plastic
SPLT.30003	ISO 25	Plastic

Tech Sheet 20483

ISO 16028 Automatic Caps



Cap for Coupling

0457	To Suit	Colour
SPLT.13302	ISO 10	Red
SPLT.13342	ISO 10	Black
SPPV.13302	ISO 12.5	Black
SPPV.13312	ISO 12.5	Black
SPPV.13322	ISO 12.5	Yellow
SPPV.13342	ISO 12.5	Red

Tech Sheet 20483

316 Stainless Steel Couplings

See page 1472 for spare seals.

A



Female Threaded Plug, BSPP

0060	Thread
A12-SS	1/2"
A34-SS	3/4"
A1-SS	1"
A114-SS	1.1/4"
A112-SS	1.1/2"
A2-SS	2"
A212-SS	2.1/2"
A3-SS	3"
A4-SS	4"
A6-SS	6"

Tech Sheet 532

Female Threaded Plug, NPT

0060	Thread
A12-SS-NPT	1/2"
A34-SS-NPT	3/4"
A1-SS-NPT	1"
A114-SS-NPT	1.1/4"
A112-SS-NPT	1.1/2"
A2-SS-NPT	2"
A212-SS-NPT	2.1/2"
A3-SS-NPT	3"
A4-SS-NPT	4"

Tech Sheet 532

B



Male Threaded Lever Coupling, BSPT

0060	Thread
B12-SS	1/2"
B34-SS	3/4"
B1-SS	1"
B114-SS	1.1/4"
B112-SS	1.1/2"
B2-SS	2"
B212-SS	2.1/2"
B3-SS	3"
B4-SS	4"

Tech Sheet 532

Male Threaded Lever Coupling, NPT

0060	Thread
B12-SS-NPT	1/2"
B34-SS-NPT	3/4"
B1-SS-NPT	1"
B114-SS-NPT	1.1/4"
B112-SS-NPT	1.1/2"
B2-SS-NPT	2"
B3-SS-NPT	3"
B4-SS-NPT	4"

Tech Sheet 532

C



Hose Tail Lever Coupling

0060	Body
C12-SS	1/2"
C34-SS	3/4"
C1-SS	1"
C114-SS	1.1/4"
C112-SS	1.1/2"
C2-SS	2"
C212-SS	2.1/2"
C3-SS	3"
C4-SS	4"

Tech Sheet 532

D



Female Lever Coupling, BSPP

0060	Thread
D12-SS	1/2"
D34-SS	3/4"
D1-SS	1"
D114-SS	1.1/4"
D112-SS	1.1/2"
D2-SS	2"
D212-SS	2.1/2"
D3-SS	3"
D4-SS	4"

Tech Sheet 532

Female Lever Coupling, NPT

0060	Thread
D12-SS-NPT	1/2"
D34-SS-NPT	3/4"
D1-SS-NPT	1"
D114-SS-NPT	1.1/4"
D112-SS-NPT	1.1/2"
D2-SS-NPT	2"
D212-SS-NPT	2.1/2"
D3-SS-NPT	3"
D4-SS-NPT	4"

Tech Sheet 532

Dust Plug



0060	Body
DP12-SS	1/2"
DP34-SS	3/4"
DP1-SS	1"
DP112-SS	1.1/2"
DP2-SS	2"
DP212-SS	2.1/2"
DP3-SS	3"

Tech Sheet 532

Lever Stop



0060	Body
DC34-SS	3/4"
DC1-SS	1"
DC114-SS	1.1/4"
DC112-SS	1.1/2"
DC2-SS	2"
DC3-SS	3"
DC4-SS	4"

Tech Sheet 532

E



Hose Tail

0060	Thread
E12-SS	1/2"
E34-SS	3/4"
E1-SS	1"
E114-SS	1.1/4"
E112-SS	1.1/2"
E2-SS	2"
E212-SS	2.1/2"
E3-SS	3"
E4-SS	4"

Tech Sheet 532

F



Male Threaded Plug, BSPT

0060	Thread
F12-SS	1/2"
F34-SS	3/4"
F1-SS	1"
F114-SS	1.1/4"
F112-SS	1.1/2"
F2-SS	2"
F212-SS	2.1/2"
F3-SS	3"
F4-SS	4"

Tech Sheet 532

Male Threaded Plug, NPT

0060	Body
F12-SS-NPT	1/2"
F34-SS-NPT	3/4"
F1-SS-NPT	1"
F114-SS-NPT	1.1/4"
F112-SS-NPT	1.1/2"
F2-SS-NPT	2"
F212-SS-NPT	2.1/2"
F3-SS-NPT	3"
F4-SS-NPT	4"

Tech Sheet 532

Please note: 1/2" sizes are only supplied with one locking arm.

CLAW COUPLINGS

Claw Couplings DIN 3489, Stainless Steel

Working Temperature:
-30°C to +200°C

Maximum Working Pressure: 16 bar

Universal system for aggressive fluids in chemical or petrochemical industry, as well as food or drinking water applications.
Use original DIN 3489 Seal GPOR (EPDM) food or drinking water applications.

Material: Stainless steel 1.4401/1.4404
Seal: FKM
Media: Chemical substances
Claw Distance: 42 mm



stainless steel



Hose Tail

6295	To Suit Hose ID mm
EKT10V	10
EKT13V	13
EKT19V	19
EKT25V	25

stainless steel



Female Thread, BSPP

6295	Thread
EKI38V	3/8"
EKI12V	1/2"
EKI34V	3/4"
EKI10V	1"

stainless steel



Male Thread, BSPP

6295	Thread
EKA12V	1/2"
EKA34V	3/4"
EKA10V	1"

stainless steel



Blank End

6295	Description
EKOV	Blank End
EKMV	Blank End with Chain
EKMV-K	Spare Chain 200mm

Weld Liner



Stainless Steel

0108	Size
RJTWL1	1"
RJTWL112	1.1/2"
RJTWL2	2"
RJTWL212	2.1/2"
RJTWL3	3"

Tech Sheet 60554

Reducing Weld Liner



Stainless Steel

0108	Size
RJTRWL2112	2" to 1.1/2"

Tech Sheet 60554

Blank Liner



Stainless Steel

0108	Size
RJTBL1	1"
RJTBL112	1.1/2"
RJTBL2	2"
RJTBL212	2.1/2"
RJTBL3	3"

Tech Sheet 60554

Hose Liner



Stainless Steel

0108	Size
RJTHL1	1"
RJTHL112	1.1/2"
RJTHL2	2"
RJTHL212	2.1/2"
RJTHL3	3"

Tech Sheet 60554

Hex Nut



Stainless Steel

0108	Size
RJTN1	1"
RJTN112	1.1/2"
RJTN2	2"
RJTN3	3"

Tech Sheet 60554

Weld Male



Stainless Steel

0108	Size
RJTWM1	1"
RJTWM112	1.1/2"
RJTWM2	2"
RJTWM3	3"

Tech Sheet 60554

BSP Adaptor



Stainless Steel

0108	Size	Thread
RJTA1	1"	1"
RJTA112	1.1/2"	1.1/2"
RJTD2	2"	2"
RJTA3	3"	3"

Tech Sheet 60554

Seal



0108	Size
RJTS1	1"
RJTS112	1.1/2"
RJTS2	2"
RJTS3	3"

Tech Sheet 60554

STAINLESS STEEL LEVER LOCK WATER PUMP COUPLINGS

stainless steel



Male x Hose Connector



0120	Coupling Size	To Suit Hose ID
LLSSMT2	50	2"
LLSSMT33	76	3"
LLSSMT3312	89	3" Tail x 3.1/2"
LLSSMT4	108	4"
LLSSMT6	159	6"
LLSSMT8	194	8"

Female x Hose Connector



0120	Coupling Size	To Suit Hose ID
LLSFT2	50	2"
LLSFT3312	89	3" Tail x 3.1/2"
LLSFT4	108	4"
LLSFT6	159	6"
LLSFT8	194	8"

Male Weld End

Other sizes available on request.
Minimum quantity order may apply.



0120	Coupling Size
LLSSMWE2	50
LLSSMWE3312	89
LLSSMWE4	108
LLSSMWE6	159

Female Weld End



0120	Coupling Size
LLSSFWE2	50
LLSSFWE33	76
LLSSFWE3312	89
LLSSFWE4	108
LLSSFWE6	159

Male x Male BSPP Pipe Thread

Other sizes available on request.
Minimum quantity order may apply.



With Lever Closure Ring, BSPP

0120	Coupling Size	To Suit Hose ID
LLSSMBSP2	50	2"
LLSSMBSP33	76	3"
LLSSMBSP3312	89	3" BSPP x 3.1/2"
LLSSMBSP4	108	4"

Female complete with BSPP Male Pipe Thread

Other sizes available on request.
Minimum quantity order may apply.



0120	Coupling Size	Thread
LLSFBSP2	50	2"
LLSFBSP33	76	3"
LLSFBSP3312	89	3" BSPP x 3.1/2"
LLSFBSP4	108	4"
LLSFBSP5	133	5"
LLSFBSP6	159	6"

Male End Cap



0120	Coupling Size
LLSSMEC2	50
LLSSMEC33	76
LLSSMEC3312	89
LLSSMEC4	108
LLSSMEC5	133
LLSSMEC6	159

Female End Cap

Other sizes available on request.
Minimum quantity order may apply.



0120	Coupling Size
LLSSFEC3312	89
LLSSFEC4	108
LLSSFEC6	159

150lb 316 STAINLESS STEEL PIPE FITTINGS



stainless steel



This technical data is applicable to the full range of 316 Stainless Steel Adaptors only.
Threads: Tapered in conformity with ISO 7.1, BS 21, DIN 2999. Parallel in conformity with BS 2779, ISO 228.
Dimensions: All components are manufactured to the requirements of ASTM A-351.
 The dimensions are in accordance with ANSI B16.3.

Working Temperature:
-20°C to +260°C

Working Pressure:
20 bar

Equal Cross



Female Thread, BSPP

1111	Thread
EC-18	1/8"
EC-14	1/4"
EC-38	3/8"
EC-12	1/2"
EC-34	3/4"
EC-1	1"
EC-114	1.1/4"
EC-112	1.1/2"
EC-2	2"

Tech Sheet 1800

Equal Tee



Female Thread, BSPP

1111	Thread
ET-18	1/8"
ET-14	1/4"
ET-38	3/8"
ET-12	1/2"
ET-34	3/4"
ET-1	1"
ET-114	1.1/4"
ET-112	1.1/2"
ET-2	2"
ET-212	2.1/2"
ET-3	3"
ET-4	4"

Tech Sheet 1799

Straight Hose Tails



Male Thread, BSPT

1111	Thread	To Suit Hose ID
HT-18-06	1/8"	1/4" (6mm)
HT-14	1/4"	1/4" (6mm)
HT-14-08	1/4"	5/16" (8mm)
HT-14-10	1/4"	3/8" (10mm)
HT-14-13	1/4"	1/2" (13mm)
HT-38-08	3/8"	5/16" (8mm)
HT-38	3/8"	3/8" (10mm)
HT-38-13	3/8"	1/2" (13mm)
HT-12-06	1/2"	1/4" (6mm)
HT-12-10	1/2"	3/8" (10mm)
HT-12	1/2"	1/2" (13mm)
HT-12-19	1/2"	3/4" (19mm)
HT-12-25	1/2"	1" (25mm)
HT-12-16	1/2"	5/8"
HT-34-13	3/4"	1/2" (13mm)
HT-34	3/4"	3/4" (19mm)
HT-1-19	1"	3/4" (19mm)
HT-1	1"	1" (25mm)
HT-1-31	1"	1.1/4" (31mm)
HT-114	1.1/4"	1.1/4" (31mm)
HT-112	1.1/2"	1.1/2" (38mm)
HT-2	2"	2" (50mm)
HT-212	2.1/2"	2.1/2" (63mm)
HT-3	3"	3" (75mm)
HT-4	4"	4" (100mm)

Tech Sheet 1795



Female Fixed Thread, BSPP

1111	Thread	To Suit Hose ID
SFHT10/06	1/8"	6mm (1/4")
SFHT13/06	1/4"	6mm (1/4")
SFHT13/09	1/4"	9mm (3/8")
SFHT17/10	3/8"	10mm (3/8")
SFHT21/13	1/2"	13mm (1/2")
SFHT26/19	3/4"	19mm (3/4")
SFHT33/25	1"	25mm (1")
SFHT42/32	1.1/4"	32mm (1.1/4")
SFHT48/38	1.1/2"	38mm (1.1/2")
SFHT52/51	2"	51mm (2")

Tech Sheet 2077

Equal Hose Joiner



1111	To Suit Hose ID
DS06-SS	1/4" (6mm)
DS08-SS	5/16" (8mm)
DS10-SS	3/8" (10mm)
DS13-SS	1/2" (13mm)

Tech Sheet 20778



Swivel Female Thread, 60° Coned Seat, BSPP

1111	Thread	To Suit Hose ID
FH13/14SS	1/4"	1/4" (6mm)
FH17/38SS	3/8"	3/8" (10mm)
FH21/12SS	1/2"	1/2" (13mm)
FH26/12SS	3/4"	1/2" (13mm)
FH26/34SS	3/4"	3/4" (19mm)
FH33/19SS	1"	3/4"
FH33/25SS	1"	1"
FH48/38SS	1.1/2"	1.1/2"
FH52/50SS	2"	2"

Tech Sheet 20779

Barrel Nipple



Male Thread, BSPT

1111	Thread	Length mm
BN-18X30	1/8"	30
BN-18	1/8"	40
BN-14	1/4"	40
BN-14X80	1/4"	80
BN-38	3/8"	40
BN-38X80	3/8"	80
BN-12	1/2"	60
BN-12X80	1/2"	80
BN-34	3/4"	60
BN-34X80	3/4"	80
BN-1	1"	60
BN-1X100	1"	100
BN-1X150	1"	150
BN-114	1.1/4"	80
BN-112	1.1/2"	80
BN-2	2"	100
BN-212	2.1/2"	100
BN-3	3"	120
BN-4	4"	120

Tech Sheet 1803

150lb 316 STAINLESS STEEL PIPE FITTINGS



stainless steel



Close Nipple



Male Thread, BSPP

1111	Thread
CPN-14	1/4"
CPN-38	3/8"
CPN-12	1/2"
CPN-34	3/4"
CPN-1	1"
CPN-114	1.1/4"
CPN-112	1.1/2"
CPN-2	2"
CPN-212	2.1/2"

Tech Sheet 1801

Female Reducing Socket



Female Thread, BSPP

1111	Thread	Thread
FRS-14-18	1/4"	1/8"
FRS-38-14	3/8"	1/4"
FRS-38-18	3/8"	1/8"
FRS-12-38	1/2"	3/8"
FRS-12-14	1/2"	1/4"
FRS-12-18	1/2"	1/8"
FRS-34-14	3/4"	1/4"
FRS-34-12	3/4"	1/2"
FRS-34-38	3/4"	3/8"
FRS-1-34	1"	3/4"
FRS-1-14	1"	1/4"
FRS-1-38	1"	3/8"
FRS-1-12	1"	1/2"
FRS-114-1	1.1/4"	1"
FRS-114-12	1.1/4"	1/2"
FRS-114-34	1.1/4"	3/4"
FRS-112-1	1.1/2"	1"
FRS-112-34	1.1/2"	3/4"
FRS-112-114	1.1/2"	1.1/4"
FRS-2-34	2"	3/4"
FRS-2-1	2"	1"
FRS-2-112	2"	1.1/2"
FRS-2-114	2"	1.1/4"
FRS-212-114	2.1/2"	1.1/4"
FRS-212-2	2.1/2"	2"
FRS-3-114	3"	1.1/4"
FRS-3-2	3"	2"
FRS-3-212	3"	2.1/2"
FRS-4-2	4"	2"
FRS-4-3	4"	3"

Tech Sheet 1802

45° Equal Elbow



Female Thread, BSPP

1111	Thread
OE-18	1/8"
OE-14	1/4"
OE-38	3/8"
OE-12	1/2"
OE-34	3/4"
OE-1	1"
OE-114	1.1/4"
OE-112	1.1/2"
OE-2	2"
OE-212	2.1/2"
OE-3	3"
OE-4	4"

Tech Sheet 1796

45° Equal Bracket Elbow



Female Thread, BSPP

1111	Thread
WEP-12	1/2"

Tech Sheet 1797

90° Equal Elbow



Female Thread, BSPP

1111	Thread
EE-18	1/8"
EE-14	1/4"
EE-38	3/8"
EE-12	1/2"
EE-34	3/4"
EE-1	1"
EE-114	1.1/4"
EE-112	1.1/2"
EE-2	2"
EE-212	2.1/2"
EE-3	3"
EE-4	4"

Tech Sheet 1797

90° Street Elbow



Male Thread, BSPT x Female Thread, BSPP

1111	Male Thread	Female Thread
SE-18	1/8"	1/8"
SE-14	1/4"	1/4"
SE-38	3/8"	3/8"
SE-12	1/2"	1/2"
SE-34	3/4"	3/4"
SE-1	1"	1"
SE-114	1.1/4"	1.1/4"
SE-112	1.1/2"	1.1/2"
SE-2	2"	2"
SE-212	2.1/2"	2.1/2"
SE-3	3"	3"
SE-4	4"	4"

Tech Sheet 1798

Equal Nipple



Male Thread, BSPT

1111	Thread
HN-18	1/8"
HN-14	1/4"
HN-38	3/8"
HN-12	1/2"
HN-34	3/4"
HN-1	1"
HN-114	1.1/4"
HN-112	1.1/2"
HN-2	2"
HN-212	2.1/2"
HN-3	3"
HN-4	4"

Tech Sheet 1804

Male Thread, NPT

1111	Thread
NPT62001010	1/8"
NPT62001313	1/4"
NPT62001717	3/8"
NPT62002121	1/2"
NPT62002727	3/4"
NPT62003232	1"
NPT62004242	1.1/4"
NPT62004848	1.1/2"
NPT62006060	2"
NPT62007676	2.1/2"
NPT62008989	3"
NPT62000114	4"

Tech Sheet 1804



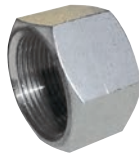
150lb 316 STAINLESS STEEL PIPE FITTINGS



stainless
steel



Hexagon Blanking Cap



Female Thread, BSPP

1111	Thread
HBC-18	1/8"
HBC-14	1/4"
HBC-38	3/8"
HBC-12	1/2"
HBC-34	3/4"
HBC-1	1"
HBC-114	1.1/4"
HBC-112	1.1/2"
HBC-2	2"
HBC-212	2.1/2"
HBC-3	3"
HBC-4	4"

Tech Sheet 1805

Blanking Plug



Male Thread, BSPT

1111	Thread
HP-18	1/8"
HP-14	1/4"
HP-38	3/8"
HP-12	1/2"
HP-34	3/4"
HP-1	1"
HP-114	1.1/4"
HP-112	1.1/2"
HP-2	2"
HP-212	2.1/2"
HP-3	3"

Tech Sheet 1806

Male Thread, NPT

1111	Thread
NPT62181000	1/8"
NPT62181300	1/4"
NPT62181700	3/8"
NPT62182100	1/2"
NPT62182700	3/4"
NPT62183200	1"
NPT62184200	1.1/4"
NPT62184800	1.1/2"
NPT62186000	2"
NPT62187600	2.1/2"
NPT62188900	3"

Tech Sheet 1808

Female Union



Female Thread, BSPP (2 Piece)

1111	Thread
HU-18	1/8"
HU-14	1/4"
HU-38	3/8"
HU-12	1/2"
HU-34	3/4"
HU-1	1"
HU-114	1.1/4"
HU-112	1.1/2"
HU-2	2"
HU-212	2.1/2"
HU-3	3"
HU-4	4"

Tech Sheet 1807

Male/Female Union



Male Thread, BSPT x Female Thread, BSPP (2 Piece)

1111	Thread
MFU-14	1/4"
MFU-38	3/8"
MFU-12	1/2"
MFU-34	3/4"
MFU-1	1"
MFU-114	1.1/4"
MFU-112	1.1/2"
MFU-2	2"
MFU-4	4"

Tech Sheet 1808

Lock Nut



Female Thread, BSPP

1111	Thread
LN-18	1/8"
LN-14	1/4"
LN-38	3/8"
LN-12	1/2"
LN-34	3/4"
LN-1	1"
LN-114	1.1/4"
LN-112	1.1/2"
LN-2	2"
LN-212	2.1/2"
LN-3	3"
LN-4	4"

Tech Sheet 1809

Reducing Bush



Male Thread, BSPT x Female Thread, BSPP

1111	Male Thread	Female Thread
RB-14-18	1/4"	1/8"
RB-38-14	3/8"	1/4"
RB-38-18	3/8"	1/8"
RB-12-14	1/2"	1/4"
RB-12-18	1/2"	1/8"
RB-12-38	1/2"	3/8"
RB-34-12	3/4"	1/2"
RB-34-14	3/4"	1/4"
RB-34-18	3/4"	1/8"
RB-34-38	3/4"	3/8"
RB-1-12	1"	1/2"
RB-1-14	1"	1/4"
RB-1-34	1"	3/4"
RB-1-38	1"	3/8"
RB-114-1	1.1/4"	1"
RB-114-12	1.1/4"	1/2"
RB-114-34	1.1/4"	3/4"
RB-112-1	1.1/2"	1"
RB-112-12	1.1/2"	1/2"
RB-112-34	1.1/2"	3/4"
RB-112-114	1.1/2"	1.1/4"
RB-2-1	2"	1"
RB-2-34	2"	3/4"
RB-2-112	2"	1.1/2"
RB-2-114	2"	1.1/4"
RB-212-1	2.1/2"	1"
RB-212-2	2.1/2"	2"
RB-212-112	2.1/2"	1.1/2"
RB-212-114	2.1/2"	1.1/4"
RB-3-1	3"	1"
RB-3-112	3"	1.1/2"
RB-3-2	3"	2"
RB-3-212	3"	2.1/2"
RB-4-3	4"	3"

Tech Sheet 1810

Male Thread, NPTF x Female Thread, NPTF

1111	Male Thread	Female Thread
NPT62041310	1/4"	1/8"
NPT62041713	3/8"	1/4"
NPT62042117	1/2"	3/8"
NPT62042721	3/4"	1/2"
NPT62043227	1"	3/4"
NPT62044232	1.1/4"	1"
NPT62044842	1.1/2"	1.1/4"
NPT62046048	2"	1.1/2"
NPT62047660	2.1/2"	2"
NPT62048976	3"	2.1/2"



150lb 316 STAINLESS STEEL PIPE FITTINGS



stainless steel



Reducing Nipple



Male Thread, BSPT

1111	Thread	Thread
RHN-14-18	1/4"	1/8"
RHN-12-14	1/2"	1/4"
RHN-12-18	1/2"	1/8"
RHN-12-38	1/2"	3/8"
RHN-38-14	3/8"	1/4"
RHN-38-18	3/8"	1/8"
RHN-34-12	3/4"	1/2"
RHN-34-14	3/4"	1/4"
RHN-34-18	3/4"	1/8"
RHN-34-38	3/4"	3/8"
RHN-1-12	1"	1/2"
RHN-1-14	1"	1/4"
RHN-1-34	1"	3/4"
RHN-1-38	1"	3/8"
RHN-114-1	1.1/4"	1"
RHN-114-12	1.1/4"	1/2"
RHN-114-34	1.1/4"	3/4"
RHN-112-1	1.1/2"	1"
RHN-112-12	1.1/2"	1/2"
RHN-112-34	1.1/2"	3/4"
RHN-112-114	1.1/2"	1.1/4"
RHN-2-1	2"	1"
RHN-2-12	2"	1/2"
RHN-2-34	2"	3/4"
RHN-2-112	2"	1.1/2"
RHN-2-114	2"	1.1/4"
RHN-3-2	3"	2"

Tech Sheet 1811

Welding Nipple



Male Thread, BSPT

1111	Thread	Length mm
WN-18	1/8"	30
WN-14	1/4"	30
WN-38	3/8"	30
WN-12	1/2"	35
WN-34	3/4"	40
WN-1	1"	40
WN-114	1.1/4"	50
WN-112	1.1/2"	50
WN-2	2"	50
WN-212	2.1/2"	60
WN-3	3"	70
WN-4	4"	80

Tech Sheet 1813

Square Head Plug



Male Thread, BSPT

1111	Thread
SP-18	1/8"
SP-14	1/4"
SP-38	3/8"
SP-12	1/2"
SP-34	3/4"
SP-1	1"
SP-114	1.1/4"
SP-112	1.1/2"
SP-2	2"
SP-212	2.1/2"
SP-3	3"

Tech Sheet 1814

Round Blanking Cap



Female Thread, BSPP

1111	Thread
RC-18	1/8"
RC-14	1/4"
RC-38	3/8"
RC-12	1/2"
RC-34	3/4"
RC-1	1"
RC-114	1.1/4"
RC-112	1.1/2"
RC-2	2"
RC-212	2.1/2"
RC-3	3"

Tech Sheet 1812

Threaded Half Socket



Female Thread, BSPP

1111	Thread
HS-18	1/8"
HS-14	1/4"
HS-38	3/8"
HS-12	1/2"
HS-34	3/4"
HS-1	1"
HS-114	1.1/4"
HS-112	1.1/2"
HS-2	2"
HS-212	2.1/2"
HS-3	3"
HS-4	4"

Tech Sheet 1816

Threaded Full Socket



Female Thread, BSPP

1111	Thread
FS-18	1/8"
FS-14	1/4"
FS-38	3/8"
FS-12	1/2"
FS-34	3/4"
FS-1	1"
FS-114	1.1/4"
FS-112	1.1/2"
FS-2	2"
FS-212	2.1/2"
FS-3	3"
FS-4	4"

Tech Sheet 1815

Female Thread, NPT

1111	Thread
NPT62061010	1/8"
NPT62061313	1/4"
NPT62061717	3/8"
NPT62062121	1/2"
NPT62062727	3/4"
NPT62063232	1"
NPT62064242	1.1/4"
NPT62064848	1.1/2"
NPT62066060	2"
NPT62067676	2.1/2"
NPT62068989	3"
NPT62060114	4"

316 Stainless Steel Tube

Seamless schedule 40 ASTM A312/AMSE SA312-A530. Conforms to NACE standard MR-01-75, Din50049-3.1.B.

N.B. Delivery may take up to 48 hours.



3 Metre Lengths, Random

0214	NB	Wall Thickness mm
2028-5839	1/8"	1.73
2028-5854	1/4"	2.24
2028-5862	3/8"	2.31
2028-5870	1/2"	2.77
2028-5953	3/4"	2.87
2028-5961	1"	3.38
2028-5979	1.1/4"	3.56
2028-5987	1.1/2"	3.68
2028-5995	2"	3.91

Tech Sheet 831



- ASTM A182 316/L stainless steel
- Dimensions to ANSI B16.11/BS3799
- Sizes 1/4" to 2"
- NPT threaded to ANSI B2.1
- BSPT threaded to ISO 7/1

- Pressure/temperature ratings according to BS 3799
- Pressure rating performance will vary depending on temperature.

 **Working Temperature:**
-100°C to +525°C

 **Maximum Working Pressure:**
207 bar

90° Equal Female Elbow



NPT

0434	Thread
1012-0001	1/4"
1012-0002	3/8"
1012-0003	1/2"
1012-0004	3/4"
1012-0005	1"
1012-0006	1.1/4"
1012-0007	1.1/2"
1012-0008	2"

Tech Sheet 20506

BSPT

0434	Thread
1012-0009	1/4"
1012-0010	3/8"
1012-0011	1/2"
1012-0012	3/4"
1012-0013	1"
1012-0014	1.1/4"
1012-0016	2"

Tech Sheet 20494

Socket Weld

0434	NB
1012-0017	1/4"
1012-0018	3/8"
1012-0019	1/2"
1012-0021	1"
1012-0022	1.1/4"
1012-0023	1.1/2"
1012-0024	2"

Tech Sheet 20521



90° Equal Male/Female Street Elbow



NPT

0434	Thread
1012-0041	1/4"
1012-0042	3/8"
1012-0043	1/2"
1012-0044	3/4"
1012-0045	1"
1012-0046	1.1/4"
1012-0047	1.1/2"
1012-0048	2"

Tech Sheet 20515

45° Equal Female Elbow



NPT

0434	Thread
1012-0025	1/4"
1012-0027	1/2"
1012-0028	3/4"
1012-0029	1"
1012-0030	1.1/4"
1012-0031	1.1/2"
1012-0032	2"

Tech Sheet 20505

Socket Weld

0434	NB
1012-0033	1/4"
1012-0034	3/8"
1012-0035	1/2"
1012-0036	3/4"
1012-0037	1"
1012-0038	1.1/4"
1012-0039	1.1/2"

Tech Sheet 20520

Equal Tee



NPT

0434	Thread
1012-0049	1/4"
1012-0050	3/8"
1012-0051	1/2"
1012-0052	3/4"
1012-0053	1"
1012-0054	1.1/4"
1012-0055	1.1/2"
1012-0056	2"

Tech Sheet 20516

BSPT

0434	Thread
1012-0057	1/4"
1012-0058	3/8"
1012-0059	1/2"
1012-0060	3/4"
1012-0061	1"
1012-0062	1.1/4"
1012-0063	1.1/2"
1012-0064	2"

Tech Sheet 20495

Socket Weld

0434	NB
1012-0065	1/4"
1012-0066	3/8"
1012-0067	1/2"
1012-0068	3/4"
1012-0069	1"
1012-0070	1.1/4"
1012-0071	1.1/2"
1012-0072	2"

Tech Sheet 20526



3000lb 316 STAINLESS STEEL PIPE FITTINGS



- ASTM A182 316/L stainless steel
- Dimensions to ANSI B16.11/BS3799
- Sizes 1/4" to 2"
- NPT threaded to ANSI B2.1
- BSPT threaded to ISO 7/1

- Pressure/temperature ratings according to BS 3799
- Pressure rating performance will vary depending on temperature.

° Working Temperature:
-100°C to +525°C

Maximum Working Pressure:
207 bar

Equal Cross



NPT

0434	Thread
1012-0073	1/4"
1012-0074	3/8"
1012-0075	1/2"
1012-0076	3/4"
1012-0077	1"
1012-0078	1.1/4"
1012-0079	1.1/2"
1012-0080	2"

Tech Sheet 20504



Socket Weld

0434	NB
1012-0082	3/8"
1012-0083	1/2"
1012-0084	3/4"
1012-0085	1"
1012-0086	1.1/4"
1012-0087	1.1/2"
1012-0088	2"

Tech Sheet 20519

Male / Female Union



NPT

0434	Thread
1012-0089	1/4"
1012-0090	3/8"
1012-0091	1/2"
1012-0092	3/4"
1012-0093	1"
1012-0094	1.1/4"
1012-0095	1.1/2"
1012-0096	2"

Tech Sheet 20518

Female Union



NPT

0434	Thread
1012-0097	1/4"
1012-0098	3/8"
1012-0099	1/2"
1012-0100	3/4"
1012-0101	1"
1012-0102	1.1/4"
1012-0103	1.1/2"
1012-0104	2"

Tech Sheet 20517

BSPT

0434	Thread
1012-0106	3/8"
1012-0107	1/2"
1012-0108	3/4"
1012-0109	1"
1012-0110	1.1/4"
1012-0111	1.1/2"
1012-0112	2"

Tech Sheet 20500



Socket Weld

0434	NB
1012-0113	1/4"
1012-0114	3/8"
1012-0115	1/2"
1012-0116	3/4"
1012-0117	1"
1012-0118	1.1/4"
1012-0119	1.1/2"
1012-0120	2"

Tech Sheet 20527

Male Hex Nipple



NPT

0434	Thread
1012-0121	1/4"
1012-0122	3/8"
1012-0123	1/2"
1012-0124	3/4"
1012-0125	1"
1012-0126	1.1/4"
1012-0127	1.1/2"
1012-0128	2"

Tech Sheet 20509

BSPT

0434	Thread
1012-0129	1/4"
1012-0130	3/8"
1012-0131	1/2"
1012-0132	3/4"
1012-0133	1"
1012-0134	1.1/4"
1012-0135	1.1/2"
1012-0136	2"

Tech Sheet 20498

Male Barrel Nipple



NPT

0434	Thread	Length mm
1012-0137	1/4"	30
1012-0138	3/8"	40
1012-0139	1/2"	60
1012-0140	3/4"	60
1012-0141	1"	60
1012-0142	1.1/4"	80
1012-0143	1.1/2"	80
1012-0144	2"	100

Tech Sheet 20503

- ASTM A182 316/L stainless steel
- Dimensions to ANSI B16.11/BS3799
- Sizes 1/4" to 2"
- NPT threaded to ANSI B2.1
- BSPT threaded to ISO 7/1

- Pressure/temperature ratings according to BS 3799
- Pressure rating performance will vary depending on temperature.

 **Working Temperature:**
-100°C to +525°C

 **Maximum Working Pressure:**
207 bar

Male Hex Reducing Nipple



BSPT

0434	Thread	Thread
1012-0166	1/4"	1/8"
1012-0167	3/8"	1/8"
1012-0168	1/2"	1/4"
1012-0169	1/2"	3/8"
1012-0170	3/4"	3/8"
1012-0171	3/4"	1/2"
1012-0172	1"	1/2"
1012-0173	1"	3/4"
1012-0174	1.1/4"	3/4"
1012-0175	1.1/4"	1"
1012-0176	1.1/2"	1"
1012-0177	1.1/2"	1.1/4"
1012-0178	2"	1"
1012-0179	2"	1.1/4"
1012-0180	2"	1.1/2"

Tech Sheet 20499

NPT

0434	Thread	Thread
1012-0145	1/4"	1/8"
1012-0146	3/8"	1/8"
1012-0147	3/8"	1/4"
1012-0148	1/2"	1/8"
1012-0149	1/2"	1/4"
1012-0150	1/2"	3/8"
1012-0151	3/4"	1/4"
1012-0152	3/4"	3/8"
1012-0153	3/4"	1/2"
1012-0154	1"	3/8"
1012-0155	1"	1/2"
1012-0156	1"	3/4"
1012-0157	1.1/4"	1/2"
1012-0158	1.1/4"	3/4"
1012-0159	1.1/4"	1"
1012-0160	1.1/2"	3/4"
1012-0161	1.1/2"	1"
1012-0162	1.1/2"	1.1/4"
1012-0163	2"	1"
1012-0164	2"	1.1/4"
1012-0165	2"	1.1/2"

Tech Sheet 20513

Full Coupling



NPT

0434	Thread
1012-0181	1/4"
1012-0182	3/8"
1012-0183	1/2"
1012-0184	3/4"
1012-0185	1"
1012-0186	1.1/4"
1012-0187	1.1/2"
1012-0188	2"

Tech Sheet 20507

BSPT

0434	Thread
1012-0189	1/4"
1012-0190	3/8"
1012-0191	1/2"
1012-0192	3/4"
1012-0193	1"
1012-0194	1.1/4"
1012-0195	1.1/2"
1012-0196	2"

Tech Sheet 20496

Socket Weld

0434	NB
1012-0197	1/4"
1012-0198	3/8"
1012-0199	1/2"
1012-0200	3/4"
1012-0201	1"
1012-0202	1.1/4"
1012-0203	1.1/2"
1012-0204	2"

Tech Sheet 20522

Half Coupling



NPT

0434	Thread
1012-0205	1/4"
1012-0206	3/8"
1012-0208	3/4"
1012-0209	1"
1012-0210	1.1/4"
1012-0211	1.1/2"
1012-0212	2"

Tech Sheet 20508

BSPT

0434	Thread
1012-0213	1/4"
1012-0214	3/8"
1012-0215	1/2"
1012-0216	3/4"
1012-0217	1"
1012-0218	1.1/4"
1012-0219	1.1/2"
1012-0220	2"

Tech Sheet 20497

Socket Weld

0434	NB
1012-0221	1/4"
1012-0222	3/8"
1012-0223	1/2"
1012-0224	3/4"
1012-0225	1"
1012-0226	1.1/4"
1012-0228	2"

Tech Sheet 20523

3000lb 316 STAINLESS STEEL PIPE FITTINGS



- ASTM A182 316/L stainless steel
- Dimensions to ANSI B16.11/BS3799
- Sizes 1/4" to 2"
- NPT threaded to ANSI B2.1
- BSPT threaded to ISO 7/1

- Pressure/temperature ratings according to BS 3799
- Pressure rating performance will vary depending on temperature.

° Working Temperature:
-100°C to +525°C

Maximum Working Pressure:
207 bar

Reducing Coupling



NPT

0434	Thread	Thread
1012-0229	1/4"	1/8"
1012-0231	1/2"	1/4"
1012-0232	1/2"	3/8"
1012-0233	3/4"	3/8"
1012-0234	3/4"	1/2"
1012-0235	1"	1/2"
1012-0236	1"	3/4"
1012-0237	1.1/4"	3/4"
1012-0238	1.1/4"	1"
1012-0239	1.1/2"	1"
1012-0240	1.1/2"	1.1/4"
1012-0241	2"	1"
1012-0242	2"	1.1/4"
1012-0243	2"	1.1/2"

Tech Sheet 20512



Socket Weld

0434	NB	NB
1012-0244	1/4"	1/8"
1012-0245	3/8"	1/4"
1012-0246	1/2"	1/4"
1012-0247	1/2"	3/8"
1012-0248	3/4"	3/8"
1012-0249	3/4"	1/2"
1012-0250	1"	1/2"
1012-0252	1.1/4"	1"
1012-0253	1.1/2"	1"
1012-0254	1.1/2"	1.1/4"
1012-0255	2"	1"
1012-0256	2"	1.1/4"
1012-0257	2"	1.1/2"

Tech Sheet 20524

Reducing Bush



NPT

0434	Thread	Thread
1012-0258	1/4"	1/8"
1012-0259	3/8"	1/8"
1012-0260	3/8"	1/4"
1012-0261	1/2"	1/8"
1012-0262	1/2"	1/4"
1012-0263	1/2"	3/8"
1012-0264	3/4"	1/4"
1012-0265	3/4"	3/8"
1012-0266	3/4"	1/2"
1012-0267	1"	1/4"
1012-0268	1"	3/8"
1012-0269	1"	1/2"
1012-0270	1"	3/4"
1012-0271	1.1/4"	1/2"
1012-0272	1.1/4"	3/4"
1012-0273	1.1/4"	1"
1012-0274	1.1/2"	3/4"
1012-0275	1.1/2"	1"
1012-0276	1.1/2"	1.1/4"
1012-0277	2"	1"
1012-0278	2"	1.1/4"
1012-0279	2"	1.1/2"

Tech Sheet 20511

BSPT

0434	Thread	Thread
1012-0280	1/4"	1/8"
1012-0281	3/8"	1/8"
1012-0282	3/8"	1/4"
1012-0283	1/2"	1/8"
1012-0284	1/2"	1/4"
1012-0285	1/2"	3/8"
1012-0286	3/4"	1/4"
1012-0287	3/4"	3/8"
1012-0288	3/4"	1/2"
1012-0289	1"	1/4"
1012-0290	1"	3/8"
1012-0291	1"	1/2"
1012-0292	1"	3/4"
1012-0293	1.1/4"	1/2"
1012-0294	1.1/4"	3/4"
1012-0295	1.1/4"	1"
1012-0296	1.1/2"	3/4"
1012-0297	1.1/2"	1"
1012-0298	1.1/2"	1.1/4"
1012-0299	2"	1"
1012-0300	2"	1.1/4"
1012-0301	2"	1.1/2"

Tech Sheet 20502

Hex Head Plug



NPT

0434	Thread
1012-0302	1/4"
1012-0303	3/8"
1012-0304	1/2"
1012-0305	3/4"
1012-0306	1"
1012-0307	1.1/4"
1012-0308	1.1/2"
1012-0309	2"

Tech Sheet 20510

BSPT

0434	Thread
1012-0310	1/4"
1012-0311	3/8"
1012-0312	1/2"
1012-0313	3/4"
1012-0314	1"
1012-0315	1.1/4"
1012-0316	1.1/2"
1012-0317	2"

Tech Sheet 20501

Round Cap



NPT

0434	Thread
1012-0318	1/4"
1012-0319	3/8"
1012-0320	1/2"
1012-0321	3/4"
1012-0322	1"
1012-0323	1.1/4"
1012-0324	1.1/2"
1012-0325	2"

Tech Sheet 20514

Socket Weld

0434	NB
1012-0326	1/4"
1012-0327	3/8"
1012-0328	1/2"
1012-0329	3/4"
1012-0330	1"
1012-0331	1.1/4"
1012-0332	1.1/2"
1012-0333	2"

Tech Sheet 20525

Slip-on PN16/3



BS4504: Sect 3.1:1989

1113	Size
SSFSB-12	1/2"
SSFSB-34	3/4"
SSFSB-1	1"
SSFSB-114	1.1/4"
SSFSB-112	1.1/2"
SSFSB-2	2"
SSFSB-3	3"

Tech Sheet 1500

Slip-on 150lb



ANSI B16.5

1113	Size
SSFSA-12	1/2"
SSFSA-1	1"
SSFSA-112	1.1/2"
SSFSA-2	2"

Tech Sheet 1500

Table D



1113	Size
TABLE-D-112	1.1/2"
TABLE-D-4	4"

Tech Sheet 1500

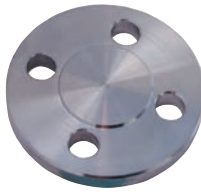
Table E



1113	Size
TABLE-E-1	1"
TABLE-E-112	1.1/2"
TABLE-E-2	2"
TABLE-E-3	3"

Tech Sheet 1500

Blind PN16/8



BS4504: Sect 3.1:1989

1113	Size
SSFBB-12	1/2"
SSFBSB-34	3/4"
SSFBSB-1	1"
SSFBSB-114	1.1/4"
SSFBSB-112	1.1/2"
SSFBB-2	2"
SSFBB-3	3"

Tech Sheet 1500

Blind 150lb



BS4504: Sect 3.1:1989

1113	Size
SSFBA-12	1/2"
SSFBA-34	3/4"
SSFBA-1	1"
SSFBA-2	2"
SSFBA-3	3"

Tech Sheet 1500

Weld Neck 150lb



ANSI B16.5

1113	Size
SSFWA-34	3/4"
SSFWA-2	2"
SSFWA-3	3"

Tech Sheet 1500

Customers who bought from this page also purchased...



Flange Gaskets



...see page 1389

BS TYPE, 316L HYGIENIC PIPE FITTINGS

stainless steel



Elbows



90° Bends, Long

0706	OD
BSL2S-316-1	1"
BSL2S-316-1.5	1.1/2"
BSL2S-316-2	2"
BSL2S-316-2.5	2.1/2"
BSL2S-316-3	3"
BSL2S-316-4	4"

Tech Sheet 68082



90° Bends, Short

0706	OD
BS2WCL-316-1	1"
BS2WCL-316-1.5	1.1/2"
BS2WCL-316-2	2"
BS2WCL-316-2.5	2.1/2"
BS2WCL-316-3	3"
BS2WCL-316-4	4"

Tech Sheet 68082



45° Bends, Long

0706	OD
BSL2KS-316-1	1"
BSL2KS-316-1.5	1.1/2"
BSL2KS-316-2	2"
BSL2KS-316-2.5	2.1/2"
BSL2KS-316-3	3"
BSL2KS-316-4	4"

Tech Sheet 68082

Tees



Short Tees

0706	OD
BS7WWW-316-3/4	3/4"
BS7WWW-316-1	1"
BS7WWW-316-1.5	1.1/2"
BS7WWW-316-2	2"
BS7WWW-316-2.5	2.1/2"
BS7WWW-316-3	3"

Tech Sheet 68082



Pulled Tees

0706	OD
BS7WWO-316-1	1"
BS7WWO-316-1.5	1.1/2"
BS7WWO-316-2	2"
BS7WWO-316-2.5	2.1/2"
BS7WWO-316-3	3"
BS7WWO-316-4	4"

Tech Sheet 68082

Reducers



Concentric Reducing Cones

0706	OD A	OD B
BSL31-316-1X0.5	1"	1/2"
BSL31-316-1.5X1	1.1/2"	1"
BSL31-316-2X1	2"	1"
BSL31-316-2X1.5	2"	1.1/2"
BSL31-316-2.5X1	2.1/2"	1"
BSL31-316-2.5X1.5	2.1/2"	1.1/2"
BSL31-316-2.5X2	2.1/2"	2"
BSL31-316-3X2	3"	2"
BSL31-316-3X2.5	3"	2.1/2"
BSL31-316-4X1.5	4"	1.1/2"
BSL31-316-4X2	4"	2"
BSL31-316-4X2.5	4"	2.1/2"
BSL31-316-4X3	4"	3"

Tech Sheet 68082



Eccentric Reducing Cones

0706	OD A	OD B
BSL32-316075X0.5	3/4"	1/2"
BSL32-316-2X1	2"	1"
BSL32-316-2X1.5	2"	1.1/2"
BSL32-316-2.5X2	2.1/2"	2"
BSL32-316-3X2	3"	2"
BSL32-316-3X2.5	3"	2.1/2"
BSL32-316-4X1.5	4"	1.1/2"
BSL32-316-4X2	4"	2"
BSL32-316-4X3	4"	3"

Tech Sheet 68082

IDF Weld Fittings



Hex Nut

0706	Size
BSIDF-13H-1	1"
BSIDF-13H-1.5	1.1/2"
BSIDF-13H-2	2"
BSIDF-13H-2.5	2.1/2"
BSIDF-13H-3	3"

Tech Sheet 68081



Welding Male

0706	Size
BSIDF-15-1	1"
BSIDF-15-1.5	1.1/2"
BSIDF-15-2	2"
BSIDF-15-2.5	2.1/2"
BSIDF-15-3	3"
BSIDF-15-4	4"

Tech Sheet 68081



Welding Liner

0706	Size
BSIDF-14-1	1"
BSIDF-14-1.5	1.1/2"
BSIDF-14-2	2"
BSIDF-14-2.5	2.1/2"
BSIDF-14-3	3"
BSIDF-14-4	4"

Tech Sheet 68081



EPDM Seal

0706	Size
BSIDF-SEAL-1	1"
BSIDF-SEAL-1.5	1.1/2"
BSIDF-SEAL-2	2"
BSIDF-SEAL-2.5	2.1/2"
BSIDF-SEAL-3	3"
BSIDF-SEAL-4	4"

Tech Sheet 68081

RJT Weld Fittings



Hex Nut

0706	Size
BSRJT-13H-1	1"
BSRJT-13H-1.5	1.1/2"
BSRJT-13H-2	2"
BSRJT-13H-2.5	2.1/2"
BSRJT-13H-3	3"
BSRJT-13H-4	4"

Tech Sheet 68081



Welding Male

0706	Size
BSRJT-15-1	1"
BSRJT-15-1.5	1.1/2"
BSRJT-15-2	2"
BSRJT-15-2.5	2.1/2"
BSRJT-15-3	3"
BSRJT-15-4	4"

Tech Sheet 68081



Welding Liner

0706	Size
BSRJT-14-1	1"
BSRJT-14-1.5	1.1/2"
BSRJT-14-2	2"
BSRJT-14-2.5	2.1/2"
BSRJT-14-3	3"
BSRJT-14-4	4"

Tech Sheet 68081



Blanking Nut

0706	Size
BSRJT-13HBN-1	1"
BSRJT-13HBN-1.5	1.1/2"
BSRJT-13HBN-2	2"
BSRJT-13HBN-2.5	2.1/2"
BSRJT-13HBN-3	3"
BSRJT-13HBN-4	4"

Tech Sheet 68081



EPDM Seal

0706	Size
BSRJT-SEAL-1	1"
BSRJT-SEAL-1.5	1.1/2"
BSRJT-SEAL-2	2"
BSRJT-SEAL-2.5	2.1/2"
BSRJT-SEAL-3	3"
BSRJT-SEAL-4	4"

Tech Sheet 68081

RJT Fittings

Most process lines have to be frequently dismantled for cleaning and all ranges of our hygienic fittings are suitable for this purpose. Clamp unions provide a crevice free connection with a rapid break down and assembly, with no tools required. RJT unions are probably the most widely used for frequent break down and cleaning.

IDF unions provide an alternative security and limit unauthorised access. Sizes to suit OD tube.



RJT Spanner

0147	Size
RJT-SPANNER-1.0	1"
RJT-SPANNER-1.5	1.1/2"
RJT-SPANNER-2	2"
RJT-SPANNER-2.5	2.1/2"
RJT-SPANNER-3	3"
RJT-SPANNER-4	4"

Tech Sheet 68081

Hygienic Tube

N.B. Delivery may take up to 48 hours.



3 Metre Lengths

0214	Size
ODT316L-W-H-1.0	1"
ODT316L-W-H-1.5	1.1/2"
ODT316L-W-H-2	2"
ODT316L-W-H-2.5	2.1/2"
ODT316L-W-H-3	3"
ODT316L-W-H-4	4"

Tech Sheet 68081

HYGIENIC CLAMP FITTINGS

stainless steel

FT PRO

Clamp Fittings



Weld Ferrule

0707	Clamp Size
14MMP-0.5	1/2"
14MMP-0.75	3/4"
14MMP-1	1"
14MMP-1.5	1.1/2"
14MMP-2	2"
14MMP-2.5	2.1/2"
14MMP-3	3"
14MMP-4	4"

Tech Sheet 68084



Heavy-duty Single Pin Clamp

0707	Clamp Size
13MHH-2.5	2.1/2"
13MHH-0.5	1/2" - 3/4"
13MHH-1	1" - 1.1/2"
13MHH-2	2"
13MHH-3	3"
13MHH-4	4"

Tech Sheet 68084



Heavy-duty Double Pin Clamp

0707	Clamp Size
13MHMM-1	1" - 1.1/2"
13MHMM-2	2"
13MHMM-2.5	2.1/2"
13MHMM-3	3"
13MHMM-4	4"

Tech Sheet 68084



End Cap

0707	Clamp Size
16AMP-0.5	1/2" - 3/4"
16AMP-1	1" - 1.1/2"
16AMP-2	2"
16AMP-2.5	2.1/2"
16AMP-3	3"
16AMP-4	4"

Tech Sheet 68084



Clamp Joint Seal, EPDM

0707	Clamp Size
13PG-0.5	1/2"
13PG-0.75	3/4"
13PG-1	1"
13PG-1.5	1.1/2"
13PG-2	2"
13PG-2.5	2.1/2"
13PG-3	3"
13PG-4	4"

Tech Sheet 68084



For M-Press Stainless Steel Fittings see pages 1120-1125

ONE TOUCH ALL STAINLESS STEEL PUSH-IN FITTINGS

stainless
steel

FT PRO®

° Working Temperature:
-20°C to +200°C

Maximum Working Pressure:
10 bar
Negative Pressure:
750mm Hg (10Torr)

Material:
Body and Collet: 316 stainless steel
O-Ring: Viton

Tube to Connect: PU, Nylon and PTFE
Media: Compressed air, steam water and other
compatible liquids

Male Studs



Male Thread, BSPP

0386	OD mm	Thread
SSPC4-01	4	1/8"
SSPC6-01	6	1/8"
SSPC6-02	6	1/4"
SSPC8-01	8	1/8"
SSPC8-02	8	1/4"
SSPC10-02	10	1/4"
SSPC10-03	10	3/8"
SSPC12-04	12	1/2"

Tech Sheet 10257



Male Thread, BSPP

0386	OD mm	Thread
SSPC4-G01	4	1/8"
SSPC6-G01	6	1/8"
SSPC6-G02	6	1/4"
SSPC8-G01	8	1/8"
SSPC8-G02	8	1/4"
SSPC10-G02	10	1/4"
SSPC10-G03	10	3/8"
SSPC12-G04	12	1/2"

Tech Sheet 10257

Female Studs



Female Thread, BSPP

0386	OD mm	Thread
SSPCF4-G01	4	1/8"
SSPCF6-G01	6	1/8"
SSPCF6-G02	6	1/4"
SSPCF8-G01	8	1/8"
SSPCF8-G02	8	1/4"
SSPCF10-G02	10	1/4"
SSPCF10-G03	10	3/8"
SSPCF12-G03	12	3/8"
SSPCF12-G04	12	1/2"

Tech Sheet 10257

Male Stud Swivel Elbows



Male Thread, BSPP

0386	OD mm	Thread
SSPL4-01	4	1/8"
SSPL6-01	6	1/8"
SSPL6-02	6	1/4"
SSPL8-01	8	1/8"
SSPL8-02	8	1/4"
SSPL10-02	10	1/4"
SSPL10-03	10	3/8"
SSPL12-04	12	1/2"

Tech Sheet 10257



Male Thread, BSPP

0386	OD mm	Thread
SSPL4-G01	4	1/8"
SSPL6-G01	6	1/8"
SSPL6-G02	6	1/4"
SSPL8-G01	8	1/8"
SSPL8-G02	8	1/4"
SSPL10-G02	10	1/4"
SSPL10-G03	10	3/8"
SSPL12-G04	12	1/2"

Tech Sheet 10257

Female Stud Elbows



Female Thread, BSPP

0386	OD mm	Thread
SSPLF4-G01	4	1/8"
SSPLF6-G01	6	1/8"
SSPLF6-G02	6	1/4"
SSPLF8-G01	8	1/8"
SSPLF8-G02	8	1/4"
SSPLF10-G02	10	1/4"
SSPLF10-G03	10	3/8"
SSPLF12-G03	12	3/8"
SSPLF12-G04	12	1/2"

Tech Sheet 10257

Male Stud Swivel Tees



Branch Male Thread, BSPP

0386	OD mm	Thread
SSPB4-G01	4	1/8"
SSPB6-G01	6	1/8"
SSPB6-G02	6	1/4"
SSPB8-G01	8	1/8"
SSPB8-G02	8	1/4"
SSPB10-G02	10	1/4"
SSPB10-G03	10	3/8"
SSPB12-G03	12	3/8"
SSPB12-G04	12	1/2"

Tech Sheet 10257

Speed Control Valves



Male Thread, BSPP

0386	OD mm	Thread
SSNSE4-G01	4	1/8"
SSNSE6-G01	6	1/8"
SSNSE6-G02	6	1/4"
SSNSE8-G01	8	1/8"
SSNSE8-G02	8	1/4"
SSNSE8-G03	8	3/8"
SSNSE10-G02	10	1/4"
SSNSE10-G03	10	3/8"
SSNSE10-G04	10	1/2"
SSNSE12-G04	12	1/2"

Tech Sheet 10257



All seals have FDA Certification

ONE TOUCH ALL STAINLESS STEEL PUSH-IN FITTINGS

stainless
steel



Working Temperature:
-20°C to +200°C

Maximum Working Pressure:
10 bar
Negative Pressure:
750mm Hg (10Torr)

Material:
Body and Collet: 316 stainless steel
O-Ring: Viton

Tube to Connect: PU, Nylon and PTFE
Media: Compressed air, steam water and other compatible liquids

Tube x Tube Connectors



Equal Straights

0386	OD mm
SSPUC-4	4
SSPUC-6	6
SSPUC-8	8
SSPUC-10	10
SSPUC-12	12

Tech Sheet 10257



Unequal Straights

0386	OD mm	OD mm
SSPG6-4	6	4
SSPG8-4	8	4
SSPG8-6	8	6
SSPG10-6	10	6
SSPG10-8	10	8
SSPG12-8	12	8
SSPG12-10	12	10

Tech Sheet 10257



Equal Elbows

0386	OD mm
SSPUL-4	4
SSPUL-6	6
SSPUL-8	8
SSPUL-10	10
SSPUL-12	12

Tech Sheet 10257



Equal Tees

0386	OD mm
SSPUT-4	4
SSPUT-6	6
SSPUT-8	8
SSPUT-10	10
SSPUT-12	12

Tech Sheet 10257



Equal Bulkheads

0386	OD mm
SSPM-4	4
SSPM-6	6
SSPM-8	8
SSPM-10	10
SSPM-12	12

Tech Sheet 10257



Equal Ys

0386	OD mm
SSPY-4	4
SSPY-6	6
SSPY-8	8
SSPY-10	10
SSPY-12	12

Tech Sheet 10257

Stem Connectors



Tube x Stem Reducers

0386	OD mm	OD mm
SSPGJ6-4	6	4
SSPGJ8-4	8	4
SSPGJ8-6	8	6
SSPGJ10-6	10	6
SSPGJ10-8	10	8
SSPGJ12-8	12	8
SSPGJ12-10	12	10

Tech Sheet 10257

Plugs



Tube

0386	OD mm
SSPP-4	4
SSPP-6	6
SSPP-8	8
SSPP-10	10
SSPP-12	12

Tech Sheet 10257



All seals have FDA Certification

316 STAINLESS STEEL PUSH-IN FITTINGS



stainless
steel



° Working Temperature:
-15°C to +190°C

Maximum Working
Pressure:
-0.99 bar to 20 bar

This series is fully made of stainless steel AISI 316L and developed to be used with aggressive fluids and food applications. Also ideal for use in salty environments and in machines that need frequent washing with aggressive detergents. Certified NSF 169 and conformed to NSF 61 & NSF 372 standards. All parallel threads have a Food FKM seal as standard

Male Studs



Male Thread, BSPT

0006	OD mm	Thread
60000-4-1/8	4	1/8"
60000-4-1/4	4	1/4"
60000-6-1/8	6	1/8"
60000-6-1/4	6	1/4"
60000-8-1/8	8	1/8"
60000-8-1/4	8	1/4"
60000-10-1/4	10	1/4"
60000-10-3/8	10	3/8"
60000-12-3/8	12	3/8"
60000-12-1/2	12	1/2"

Tech Sheet 1378



Male Thread, Metric & BSPP

0006	OD mm	Thread
60020-4-M5	4	M5
60020-4-1/8	4	1/8"
60020-4-1/4	4	1/4"
60020-6-M5	6	M5
60020-6-1/8	6	1/8"
60020-6-1/4	6	1/4"
60020-8-1/8	8	1/8"
60020-8-1/4	8	1/4"
60020-10-1/4	10	1/4"
60020-10-3/8	10	3/8"
60020-10-1/2	10	1/2"
60020-12-3/8	12	3/8"
60020-12-1/2	12	1/2"
60020-14-1/2	14	1/2"

Tech Sheet 1378

Male Stud Swivel Elbows



Male Thread, BSPT

0006	OD mm	Thread
60110X-4-18	4	1/8"
60110X-4-14	4	1/4"
60110X-6-18	6	1/8"
60110X-6-14	6	1/4"
60110X-8-18	8	1/8"
60110X-8-14	8	1/4"
60110X-10-14	10	1/4"
60110X-10-38	10	3/8"
60110X-10-12	10	1/2"
60110X-12-38	12	3/8"
60110X-12-12	12	1/2"

Tech Sheet 1378



Male Thread, Metric & BSPP

0006	OD mm	Thread
60115X-4-M5	4	M5
60115X-4-18	4	1/8"
60115X-4-14	4	1/4"
60115X-6-M5	6	M5
60115X-6-18	6	1/8"
60115X-6-14	6	1/4"
60115X-6-38	6	3/8"
60115X-8-18	8	1/8"
60115X-8-14	8	1/4"
60115X-8-38	8	3/8"
60115X-10-14	10	1/4"
60115X-10-38	10	3/8"
60115X-10-12	10	1/2"
60115X-12-38	12	3/8"
60115X-12-12	12	1/2"
60115X-14-12	14	1/2"

Tech Sheet 1378

Male Stud Swivel Tees



Branch Male Thread, BSPT

0006	OD mm	Thread
60210X-4-18	4	1/8"
60210X-4-14	4	1/4"
60210X-6-18	6	1/8"
60210X-6-14	6	1/4"
60210X-8-18	8	1/8"
60210X-8-14	8	1/4"
60210X-10-14	10	1/4"
60210X-10-38	10	3/8"
60210X-10-12	10	1/2"
60210X-12-38	12	3/8"
60210X-12-12	12	1/2"

Tech Sheet 1378



Branch Male Thread, BSPP

0006	OD mm	Thread
60215X-4-M5	4	M5
60215X-4-18	4	1/8"
60215X-4-14	4	1/4"
60215X-6-M5	6	M5
60215X-6-18	6	1/8"
60215X-6-14	6	1/4"
60215X-8-18	8	1/8"
60215X-8-14	8	1/4"
60215X-10-14	10	1/4"
60215X-10-38	10	3/8"
60215X-10-12	10	1/2"
60215X-12-38	12	3/8"
60215X-12-12	12	1/2"
60215X-14-12	14	1/2"

Tech Sheet 1378

316 STAINLESS STEEL PUSH-IN FITTINGS



stainless
steel



Working Temperature: -15°C to +190°C
Maximum Working Pressure: -0.99 bar to 20 bar

This series is fully made of stainless steel AISI 316L and developed to be used with aggressive fluids and food applications. Also ideal for use in salty environments and in machines that need frequent washing with aggressive detergents. Certified NSF 169 and conformed to NSF 61 & NSF 372 standards. All parallel threads have a Food FKM seal as standard.

Tube x Tube Connectors



Equal Straights

0006	OD mm
60040-4	4
60040-6	6
60040-8	8
60040-10	10
60040-12	12
60040-14	14
Tech Sheet 1378	



Unequal Straights

0006	OD mm	OD mm
60040-4-6	4	6
60040-6-8	6	8
60040-8-10	8	10
60040-10-12	10	12
Tech Sheet 1378		



Equal Bulkheads

0006	OD mm	Thread
60050-4	4	M12 x 1
60050-6	6	M14 x 1
60050-8	8	M16 x 1
60050-10	10	M20 x 1
60050-12	12	M22 x 1
Tech Sheet 1378		



Equal Ys

0006	OD mm
60310X-4	4
60310X-6	6
60310X-8	8
Tech Sheet 1378	



Equal Elbows

0006	OD mm
60130X-4	4
60130X-6	6
60130X-8	8
60130X-10	10
60130X-12	12
60130X-14	14
Tech Sheet 1378	



Equal Tees

0006	OD mm
60230X-4	4
60230X-6	6
60230X-8	8
60230X-10	10
60230X-12	12
60230X-14	14
Tech Sheet 1378	

Stem Adaptors



Male Thread, BSPP

0006	OD mm	Thread
60600-6-18	6	1/8"
60600-8-14	8	1/4"
60600-10-14	10	1/4"
60600-10-38	10	3/8"
60600-12-38	12	3/8"
60600-12-12	12	1/2"
Tech Sheet 1378		

SERIES 25 QUICK COUPLING EUROPEAN PROFILE STAINLESS STEEL

stainless
steel



Working Temperature:
-15°C to +200°C
Standard seal FKM

Maximum Static Working Pressure:
PB 35 bar (500 PSI)



Interchangeability:
Rectus 26

Material:
Stainless steel coupling and plug
Application:
General purpose pneumatic coupling, stainless steel.



Profil

Couplings



Male Thread, BSPP

2510	Thread	Hex Size mm	Length mm
25KAAW13RVX	1/4"	19	59
25KAAW17RVX	3/8"	19	57.5

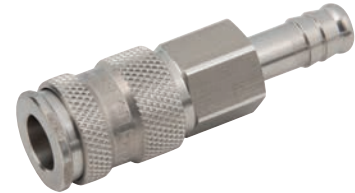
Tech Sheet 518



Female Thread, BSPP

2510	Thread	Hex Size mm	Length mm
25KAIW13RVX	1/4"	19	56
25KAIW17RVX	3/8"	19	55
25KAIW21RVX	1/2"	24	56

Tech Sheet 518



Hose Tail

2510	To Suit Hose ID	Hex Size mm	Length mm
25KATF10RVX	10mm (3/8")	19	74
25KATF13RVX	13mm (1/2")	19	74

Tech Sheet 518

Plugs



Male Thread, BSPP

2510	Thread	Hex Size mm	Length mm
25SFAW13RXX	1/4"	17	33.5
25SFAW17RXX	3/8"	19	33
25SFAW21RXX	1/2"	24	38

Tech Sheet 518



Female Thread, BSPP

2510	Thread	Hex Size mm	Length mm
25SFIW13RXX	1/4"	17	38.5
25SFIW17RXX	3/8"	19	39.5
25SFIW21RXX	1/2"	24	44

Tech Sheet 518



Hose Tail

2510	To Suit Hose ID	Length mm
25SFTF06RXX	6mm (1/4")	48
25SFTF08RXX	8mm (5/16")	48
25SFTF10RXX	10mm (3/8")	48
25SFTF13RXX	13mm (1/2")	48

Tech Sheet 518

Other materials, seals and finishes available on request, please contact our technical department for further details

SOLENOID VALVES

Stainless Steel 2/2 N/C, Direct Operated/ Pilot Operated Solenoid Valves

Materials in contact with fluids

Body: Stainless steel AISI 316

Sealing: FPM

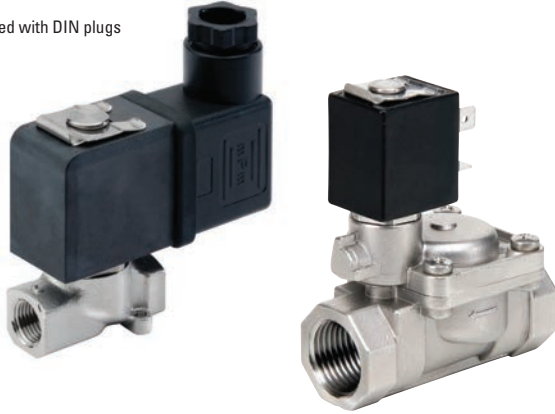
Internal Components: Stainless steel

Seat: Stainless steel AISI 316

Core Tube: Stainless steel

Shading Coil: Copper

Supplied with DIN plugs



BSPP

0030	Thread	Voltage	Coil Consumption	DN Size	KV M3/HR	Max Pressure Bar	Replacement Coil
G256C145S-23050	1/8"	230/50	4.5 VA	1.6	0.08	0-30	533534-003
G256C145S-11050	1/8"	110/50	4.5 VA	1.6	0.08	0-30	533534-024
G256C145S-2450	1/8"	24/50	4.5 VA	1.6	0.08	0-30	533534-011
G256C145S-24VDC	1/8"	24V DC	3.5 W	1.6	0.08	0-12	533534-001
G256C129S-23050	1/4"	230/50	14 VA	2.4	0.18	0-20	533593-003
G256C129S-11050	1/4"	110/50	14 VA	2.4	0.18	0-20	533593-020
G256C129S-2450	1/4"	24/50	14 VA	2.4	0.18	0-20	533593-011
G256C113S-24VDC	1/4"	24V DC	9 W	2.4	0.18	0-20	533593-002
L182V09-38-23050	3/8"	230/50	12VA	13.5	2.5	0.35 - 16	B12AA
L182V09-38-11050	3/8"	110/50	12VA	13.5	2.5	0.35 - 16	B12AC
L182V09-38-2450	3/8"	24/50	12VA	13.5	2.5	0.35 - 16	B12AE
L182V09-38-24	3/8"	24V DC	5.5W	13.5	2.5	0.35 - 16	B12AL
L182V09-12-23050	1/2"	230/50	12VA	13.5	3.8	0.35 - 16	B12AA
L182V09-12-11050	1/2"	110/50	12VA	13.5	3.8	0.35 - 16	B12AC
L182V09-12-2450	1/2"	24/50	12VA	13.5	3.8	0.35 - 16	B12AE
L182V09-12-24	1/2"	24V DC	5.5W	13.5	3.8	0.35 - 16	B12AL
L182V09-34-23050	3/4"	230/50	12VA	18	5	0.3 - 12	B12AA
L182V09-34-11050	3/4"	110/50	12VA	18	5	0.3 - 12	B12AC
L182V09-34-2450	3/4"	24/50	12VA	18	5	0.3 - 12	B12AE
L182V09-34-24	3/4"	24V DC	5.5W	18	5	0.3 - 12	B12AL
L182V09-1-23050	1"	230/50	12VA	24	12	0.3 - 12	B12AA
L182V09-1-11050	1"	110/50	12VA	24	12	0.3 - 12	B12AC
L182V09-1-2450	1"	24/50	12VA	24	12	0.3 - 12	B12AE
L182V09-1-24	1"	24V DC	5.5W	24	12	0.3 - 12	B12AL

Tech Sheets 2121, 2122 & 2123



Stainless Steel 2/2 N/O, Pilot Operated Solenoid Valves

Materials in contact with fluids

Body: Stainless steel AISI 316

Sealing: FPM

Internal Components: Stainless steel

Seat: Stainless steel AISI 316

Core Tube: Stainless steel

Shading Coil: Copper

Supplied with DIN plugs



BSPP

0030	Thread	Voltage	Coil Consumption	DN Size	KV M3/HR	Max Pressure Bar	Replacement Coil
L282V09-38-23050	3/8"	230/50	12VA	13.5	2.5	0.3 - 12	B12AA
L282V09-38-11050	3/8"	110/50	12VA	13.5	2.5	0.3 - 12	B12AC
L282V09-38-2450	3/8"	24/50	12VA	13.5	2.5	0.3 - 12	B12AE
L282V09-38-24	3/8"	24V DC	5.5W	13.5	2.5	0.3 - 12	B12AL
L282V09-12-23050	1/2"	230/50	12VA	13.5	3.8	0.3 - 12	B12AA
L282V09-12-11050	1/2"	110/50	12VA	13.5	3.8	0.3 - 12	B12AC
L282V09-12-2450	1/2"	24/50	12VA	13.5	3.8	0.3 - 12	B12AE
L282V09-12-24	1/2"	24V DC	5.5W	13.5	3.8	0.3 - 12	B12AL
L282V09-34-23050	3/4"	230/50	12VA	18	5	0.3 - 10	B12AA
L282V09-34-11050	3/4"	110/50	12VA	18	5	0.3 - 10	B12AC
L282V09-34-2450	3/4"	24/50	12VA	18	5	0.3 - 10	B12AE
L282V09-34-24	3/4"	24V DC	5.5W	18	5	0.3 - 10	B12AL
L282V09-1-23050	1"	230/50	12VA	24	12	0.3 - 10	B12AA
L282V09-1-11050	1"	110/50	12VA	24	12	0.3 - 10	B12AC
L282V09-1-2450	1"	24/50	12VA	24	12	0.3 - 10	B12AE
L282V09-1-24	1"	24V DC	5.5W	24	12	0.3 - 10	B12AL

Tech Sheet 2154

Coil reference for G256 series



BSPP

0030	Voltage
533534-003	230/50
533534-024	110/50
533534-011	24/50
533534-001	24V DC
533593-003	230/50
533593-020	110/50
533593-011	24/50
533534-002	24V DC

Tech Sheet 2154

Stainless Steel Case, Bottom Connection



BSPT

0021	Thread	Gauge Diameter mm	Pressure Range PSI	Pressure Range Bar
G63-001BG	1/4"	63	0-15	0-1
G63-002BG	1/4"	63	0-30	0-2
G63-004BG	1/4"	63	0-60	0-4
G63-006BG	1/4"	63	0-100	0-6
G63-012BG	1/4"	63	0-200	0-12
G63-020BG	1/4"	63	0-300	0-20
G63-025BG	1/4"	63	0-400	0-25
G63-040BG	1/4"	63	0-600	0-40
G63-060BG	1/4"	63	0-1000	0-60
G63-120BG	1/4"	63	0-2000	0-120
G63-200BG	1/4"	63	0-3000	0-200
G63-250BG	1/4"	63	0-4000	0-250
G63-400BG	1/4"	63	0-6000	0-400
G63-600BG	1/4"	63	0-9000	0-600
VG63-01BG	1/4"	63	-30" Hg	-1 bar

Tech Sheet 20593



BSPP

0021	Thread	Gauge Diameter mm	Pressure Range PSI	Pressure Range Bar
PG63-001BG	1/4"	63	0-15	0-1
PG63-002BG	1/4"	63	0-30	0-2
PG63-004BG	1/4"	63	0-60	0-4
PG63-006BG	1/4"	63	0-100	0-6
PG63-012BG	1/4"	63	0-200	0-12
PG63-014BG	1/4"	63	0-200	0-14
PG63-020BG	1/4"	63	0-300	0-20
PG63-025BG	1/4"	63	0-400	0-25
PG63-040BG	1/4"	63	0-600	0-40
PG63-060BG	1/4"	63	0-1000	0-60
PG63-120BG	1/4"	63	0-2000	0-120
PG63-200BG	1/4"	63	0-3000	0-200
PG63-250BG	1/4"	63	0-4000	0-250
PG63-400BG	1/4"	63	0-6000	0-400
PG63-600BG	1/4"	63	0-9000	0-600

Tech Sheet 20594

Stainless Steel Case, Centre Back Connection

See Panel Mount Bracket Options:
G63-PM & G63-PM-RHOMB



BSPT

0021	Thread	Gauge Diameter mm	Pressure Range PSI	Pressure Range Bar
G63-001RG	1/4"	63	0-15	0-1
G63-002RG	1/4"	63	0-30	0-2
G63-004RG	1/4"	63	0-60	0-4
G63-006RG	1/4"	63	0-100	0-6
G63-010RG	1/4"	63	0-160	0-10
G63-012RG	1/4"	63	0-200	0-12
G63-020RG	1/4"	63	0-300	0-20
G63-025RG	1/4"	63	0-400	0-25
G63-040RG	1/4"	63	0-600	0-40
G63-060RG	1/4"	63	0-1000	0-60
G63-120RG	1/4"	63	0-2000	0-120
G63-200RG	1/4"	63	0-3000	0-200
G63-250RG	1/4"	63	0-4000	0-250
G63-400RG	1/4"	63	0-6000	0-400
G63-600RG	1/4"	63	0-9000	0-600
VG63-01RG	1/4"	63	-30" Hg	-1 bar

Tech Sheet 20595

See Panel Mount Bracket Options:
G63-PM & G63-PM-RHOMB



BSPP

0021	Thread	Gauge Diameter mm	Pressure Range PSI	Pressure Range Bar
PG63-001RG	1/4"	63	0-15	0-1
PG63-002RG	1/4"	63	0-30	0-2
PG63-004RG	1/4"	63	0-60	0-4
PG63-006RG	1/4"	63	0-100	0-6
PG63-012RG	1/4"	63	0-200	0-12
PG63-012RG	1/4"	63	0-200	0-12
PG63-020RG	1/4"	63	0-300	0-20
PG63-025RG	1/4"	63	0-400	0-25
PG63-040RG	1/4"	63	0-600	0-40
PG63-060RG	1/4"	63	0-1000	0-60
PG63-120RG	1/4"	63	0-2000	0-120
PG63-200RG	1/4"	63	0-3000	0-200
PG63-250RG	1/4"	63	0-4000	0-250
PG63-400RG	1/4"	63	0-6000	0-400
PG63-600RG	1/4"	63	0-9000	0-600

Tech Sheet 20596

Panel Mounting Brackets



For G63 & PG63 Centre Back Connection below 100 bar

0021

G63-PM



For G63 & PG63 Centre Back Connection above 100 bar

0021

G63-PM-RHOMB

GLYCERINE GAUGES

stainless steel



All Stainless Steel Gauges, Bottom Connection



BSPP

0021	Thread	Gauge Diameter mm	Pressure Range PSI	Pressure Range Bar
SSG63-001BG	1/4"	63	0-15	0-1
SSG63-004BG	1/4"	63	0-60	0-4
SSG63-012BG	1/4"	63	0-200	0-12
SSG63-025BG	1/4"	63	0-400	0-25
SSG63-060BG	1/4"	63	0-1000	0-60
SSG63-200BG	1/4"	63	0-3000	0-200
SSG63-250BG	1/4"	63	0-4000	0-250
SSG63-400BG	1/4"	63	0-6000	0-400

Tech Sheet 20598



BSPP

0021	Thread	Gauge Diameter mm	Pressure Range PSI	Pressure Range Bar
SHG100-002BG	1/2"	100	0-30	0-2
SHG100-006BG	1/2"	100	0-100	0-6
SHG100-016BG	1/2"	100	0-250	0-16
SHG100-040BG	1/2"	100	0-600	0-40
SHG100-100BG	1/2"	100	0-1500	0-100
SHG100-250BG	1/2"	100	0-4000	0-250
SHG100-600BG	1/2"	100	0-9000	0-600

Tech Sheet 20599

Vacuum Gauges, Centre Back Connection



Stainless Steel

0236	Thread	Gauge Diameter mm	Max Pressure Bar
GCV63/04	1/4" BSPP	63	-1
GCV100/06	3/8" BSPP	100	-1

All Stainless Steel Gauges, Centre Back Connection



BSPP

0021	Thread	Gauge Diameter mm	Pressure Range PSI	Pressure Range Bar
2020-0340	1/4"	50	0-200	0-12
2020-0341	1/4"	50	0-300	0-20
2020-0342	1/4"	50	0-600	0-40
2020-0343	1/4"	50	0-900	0-60
2020-0344	1/4"	50	0-4000	0-250
2038-8534	1/4"	63	0-200	0-12
2038-8567	1/4"	63	0-900	0-60
2038-8575	1/4"	63	0-4000	0-250

Tech Sheet 20600



BSPP

0021	Thread	Gauge Diameter mm	Pressure Range PSI	Pressure Range Bar
2038-8435	1/2"	100	0-200	0-12
2038-8443	1/2"	100	0-300	0-20
2038-8450	1/2"	100	0-600	0-40
2038-8476	1/2"	100	0-4000	0-250

Tech Sheet 20601

Vacuum Gauges, Bottom Connection



Stainless Steel

0236	Thread	Gauge Diameter mm	Max Pressure Bar
GBV63/04	1/4" BSPP	63	-1
GBV100/06	3/8" BSPP	100	-1

Stainless Steel Case, Heavy-duty, Bottom Connection



BSPP

0021	Thread	Gauge Diameter mm	Pressure Range PSI	Pressure Range Bar
HG100-002G	1/2"	100	0-36	0-2.5
HG100-004G	1/2"	100	0-58	0-4
HG100-006G	1/2"	100	0-87	0-6
HG100-010G	1/2"	100	0-145	0-10
HG100-016G	1/2"	100	0-232	0-16
HG100-040G	1/2"	100	0-580	0-40
HG100-100G	1/2"	100	0-1450	0-100
HG100-160G	1/2"	100	0-2320	0-160
HG100-250G	1/2"	100	0-3625	0-250
HG100-400G	1/2"	100	0-5800	0-400



BSPT

0021	Thread	Gauge Diameter mm	Pressure Range PSI	Pressure Range Bar
HG100-002B	1/2"	100	0-36	0-2.5
HG100-004B	1/2"	100	0-58	0-4
HG100-006B	1/2"	100	0-87	0-6
HG100-010B	1/2"	100	0-145	0-10
HG100-016B	1/2"	100	0-232	0-16
HG100-040B	1/2"	100	0-580	0-40
HG100-100B	1/2"	100	0-1450	0-100
HG100-160B	1/2"	100	0-2320	0-160
HG100-250B	1/2"	100	0-3625	0-250
HG100-400B	1/2"	100	0-5800	0-400

Tech Sheet 20597

TEST POINT COUPLINGS

stainless steel



Piston Valve Type, M16 x 2

Media Application:
Hydraulic and other oils on mineral oil basis.
Metal Cap -30°C to +100°C Sealings Buna N
Metal Cap -20°C to +200°C Sealings Viton

stainless steel



316 Stainless Steel, BSPP

0330	OD mm	Max Pressure Bar
1-912-28-12-660	1/8"	400
1-912-29-12-660	1/4"	630

Tech Sheet 10292

Gauge Adaptors

stainless steel



316 Stainless Steel, BSPP

0330	Thread	Max Pressure Bar
1-940-31-22-080	1/2"	630

Tech Sheet 10292

316 Stainless Steel Test Points

Sealing by an elastomer captive profiled ring - Viton
Test connection: M16 x 2

Maximum Working Pressure:
630 bar

stainless steel



Form C, BSPP

0330	Thread
MAS-G1/8-WD	1/8"
MAS-G1/4-WD	1/4"
MAS-G3/8-WD	3/8"
MAS-G1/2-WD	1/2"

SILENCERS

stainless steel



Stainless Steel Silencers



BSPP

0423	Thread
S70-18	1/8"
S70-14	1/4"
S70-38	3/8"
S70-12	1/2"
S70-34	3/4"
S70-1	1"



Stainless Steel Pad Silencers

Body: 304 stainless steel
Pad: 316 stainless steel

Metric & BSPP

0423	Thread
12020507	M5
12021007	1/8"
12021307	1/4"
12021707	3/8"
12022107	1/2"
12022707	3/4"
12023207	1"



Tech Sheet 20455

FLOAT LEVEL SWITCHES

stainless steel

Stainless Steel Normally Closed IP65

Working Temperature: -10°C to +80°C
Maximum Working Pressure: 10 bar

- Fluid specific gravity: 0.7
- Maximum fluid viscosity 150 cSt
- Cable length: 500mm



Side Entry, BSPP Male

9025	Thread
LEM7A	1/8"

Working Temperature: -10°C to +80°C
Maximum Working Pressure: 10 bar

- Fluid specific gravity: 0.7
- Maximum fluid viscosity 150 cSt
- Cable length: 500mm



Top Entry, BSPT Male

9025	Thread
LEM7NC	1/8"

Stainless Steel Normally Closed IP65

- Normally open/normally closed contacts.
- Specific Gravity > 0.8
- PG09 DIN 43650 connection



Side Entry, BSPT Male

9025	Thread
RFS-12P-2-SUS304	1/2"

Tech Sheet 111



Over 25 years of proven high performance with a comprehensive history of product approvals and 3rd party accreditations.

High Pressure Hydraulic Adaptors

- Superior quality range of Hydraulic Adaptors
- High grade materials manufactured to extremely high tolerance
- 1/8"-3/4" up to 680 bar
- 1"-2" up to 500 bar

High quality Hydraulic Adaptors for high pressure applications completing the integrity of any hose assembly.

