





4

HYDRAULIC HOSE & INSERTS

INTERPUMP
Hydraulic Hose and Fittings

 <p>New Additions</p> <p>183 Hydraulic Hose</p>	 <p>New</p> <p>184 Paint Spray Hose</p>	 <p>New Additions</p> <p>185 Hydraulic Fittings</p>
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PARKAIR®

 <p>188 Hydraulic Hose</p>

PARKAIR®

 <p>189 Breaker Hose Assemblies</p>	 <p>189 Compressor Installation Assemblies</p>	 <p>190 Hydraulic Fittings</p>	 <p>190 Hydraulic Fittings for use with Instagrip™ hose</p>
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STAFFORD

 <p>191 One Piece Hydraulic Hose Fittings</p>
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PARKAIR®

 <p>192 Stainless Steel Overbraid PTFE Hose</p>	 <p>192 Stainless Steel Inserts</p>
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HYDRAULIC ADAPTORS

BRENNAN

 <p>New</p> <p>193 Hydraulic Adaptors</p>

BURNETT & HILLMAN
Hydraulic Hose and Fittings

 <p>199 Hydraulic Adaptors</p>

PARKAIR®

 <p>213 Hydraulic Swivel Joints</p>

PARKAIR®

 <p>214 Stainless Steel Hydraulic Adaptors</p>	 <p>216 10,000 psi Stainless Steel Hydraulic Adaptors</p>
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HYDRAULIC HOSE, FITTINGS & TUBING

Hydraulic hoses are critical in allowing hydraulic fluid to move between different hydraulic system parts. Hydraulic hose fittings connect hydraulic hoses, tubes and pipes with pumps, valves, cylinders, and other components. Hydraulic tubes enable the passage of fluids within and among system components.

HYDRAULIC COMPRESSION FITTINGS

VOSS

New



218
Hydraulic
Compression Fittings


PARKAIR®



233
Stainless Steel
Compression Fittings

TWIN FERRULE STAINLESS STEEL FITTINGS

PARKAIR®




236
Twin Ferrule
Stainless Steel
Fittings

246
Twin Ferrule Check
Valves & Filter
Elements

HYDRAULIC TUBE

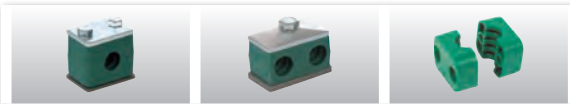
PARKAIR®



247
Hydraulic Tube

HYDRAULIC CLAMPS

PARKAIR®



248
Single Hydraulic Tube
Clamps

251
Twin Hydraulic Tube
Clamps

253
Heavy Duty Hydraulic
Tube Clamps

HYDRAULIC VALVES

**Lubetec
UK**



254
Lubrication Fittings &
Adaptors


PRESSURE WASH PLUGS, CAPS & HOSE PROTECTION

PARKAIR®

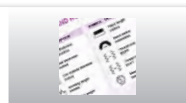


257
Pressure Washer
Hose & Accessories


PARKAIR®




260
Threaded LDPE
Caps & Plugs



260
Tubing & Hose
Symbol Guide




261
Hydraulic Hose
Protection



263
Service Plugs

HYDRAULIC ACCESSORIES

elesa



264
Hydraulic Accessories


MP FILTRI



269
Hydraulic Filtration
Products

ROTARY UNIONS

ROTO FLUX



271
Rotary Unions



Hydraulic Hose & Inserts

Hydraulic hoses are typically constructed from flexible rubber or wire and have multiple layers for strength and durability. These layers include an inner tube, a reinforced layer, and an outer layer.

A hydraulic hose enables fluid to flow from one section to another, ensuring unrestricted movement through a structure. There are two types of hydraulic hoses: SAE standards (from the Society of Automotive Engineers) and EN standards (European).

Hydraulic hoses are utilised in various industries, including automotive and rail, pharmaceuticals, construction, manufacturing, and agriculture.

Hydraulic hose

- One and two wire braid
- Two wire compact
- Four wire spiral
- Paint spray
- High pressure
- Compressor installation and breaker hose assemblies

Also available

- Adaptors
- Compression and lubrication fittings
- Hydraulic hose protection, tube and accessories
- Pressure washer
- Twin ferrule
- Rotary unions



INTERPUMP 1SN

CONSTRUCTION

- Synthetic rubber tube
- One high tensile steel wire braid
- Synthetic rubber cover

APPLICATIONS

- Hydraulic oils, both mineral & biological
- Polyglycol based oils, water-oil emulsions & water

TEMPERATURE RANGE

Hydraulic oils: -40°C to +100°C (-40°F to +212°F)
Occasional peaks up to 125°C (257°F)
Polyglycol based oils, water-oil emulsions & water: up to 85°C (185°F)



ONE WIRE BRAID HOSE 30 M COIL / LENGTH



8080

PART NUMBER				
IP-TFD0012-04	1/4	13.4	225	900
IP-TFD0012-06	3/8	17.4	180	720
IP-TFD0012-08	1/2	20.6	160	640
IP-TFD0012-10	5/8	23.7	130	520
IP-TFD0012-12	3/4	27.7	105	420
IP-TFD0012-16	1	35.6	88	350

20 M COIL / LENGTH

IP-TFD0012-20	1 1/4	42.6	63	250
IP-TFD0012-24	1 1/2	49.6	50	200
IP-TFD0012-32	2	63.0	40	160

INTERPUMP 2SN

CONSTRUCTION

- Synthetic rubber tube
- Two high tensile steel wire braids
- Synthetic rubber cover, MSHA flame retardant approved

APPLICATIONS

- Hydraulic oils, both mineral & biological
- Polyglycol based oils, water-oil emulsions & water

TEMPERATURE RANGE

Hydraulic oils: -40°C to +100°C (-40°F to +212°F)
Occasional peaks up to 125°C (257°F)
Polyglycol based oils, water-oil emulsions & water: up to 85°C (185°F)



TWO WIRE BRAID HOSE 30 M COIL / LENGTH



8080

PART NUMBER				
IP-TFD0022-04	1/4	15.0	400	1600
IP-TFD0022-06	3/8	19.0	330	1320
IP-TFD0022-08	1/2	22.2	275	1100
IP-TFD0022-10	5/8	25.4	250	1000
IP-TFD0022-12	3/4	29.3	215	860
IP-TFD0022-16	1	38.1	165	660

20 M COIL / LENGTH

IP-TFD0022-20	1 1/4	46.5	125	500
IP-TFD0022-24	1 1/2	53.1	90	360
IP-TFD0022-32	2	65.8	80	320

INTERPUMP 2SC

CONSTRUCTION

- Synthetic rubber tube
- Two high tensile steel wire braids
- Synthetic rubber cover



APPLICATIONS

- Hydraulic oils, both mineral & biological
- Polyglycol based oils, water-oil emulsions & water

TEMPERATURE RANGE

Hydraulic oils: -40°C to +100°C (-40°F to +212°F)
Occasional peaks up to 125°C (257°F)
Polyglycol based oils, water-oil emulsions & water: up to 85°C (185°F)

TWO WIRE BRAID COMPACT HOSE 30 M COIL / LENGTH



8080

PART NUMBER				
IP-TFA202K-04	1/4	13.3	400	1600
IP-TFA202K-06	3/8	17.1	330	1320
IP-TFA202K-08	1/2	20.0	275	1100
IP-TFA202K-12	3/4	27.6	215	860
IP-TFA202K-16	1	35.8	165	660

INTERPUMP 4SP

CONSTRUCTION

- Synthetic rubber tube
- Four high tensile steel wire spirals
- Synthetic rubber cover, MSHA flame retardant approved



APPLICATIONS

- High pressure hydraulic system with extreme high pressure peaks for use with hydraulic oils, both mineral & biological, polyglycol based oils, water-oil emulsions & water

TEMPERATURE RANGE

Hydraulic oils: -40°C to +100°C (-40°F to +212°F)
Occasional peaks up to 125°C (257°F)
Polyglycol based oils, water-oil emulsions & water: up to 85°C (185°F)



FOUR WIRE SPIRAL HOSE 20 M COIL / LENGTH



8080

PART NUMBER				
IP-TFDM4SPN06	3/8	21.2	445	1780
IP-TFDM4SPN08	1/2	24.3	415	1660
IP-TFDM4SPN12	3/4	32.0	350	1400
IP-TFDM4SPN16	1	39.5	280	1120
IP-TFDM4SPN20	1 1/4	50.8	210	840

INTERPUMP 4SH

CONSTRUCTION

- Synthetic rubber tube
- Four high tensile steel wire spirals
- Synthetic rubber cover, MSHA flame retardant approved



APPLICATIONS

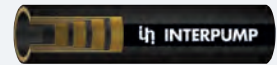
High pressure hydraulic system with extreme high pressure peaks for use with hydraulic oils, both mineral & biological, polyglycol based oils, water-oil emulsions & water

TEMPERATURE RANGE

Hydraulic oils: -40°C to +100°C (-40°F to +212°F)
Occasional peaks up to 125°C (257°F)
Polyglycol based oils, water-oil emulsions & water: up to 85°C (185°F)



FOUR WIRE SPIRAL HOSE 20 M COIL / LENGTH



8080

PART NUMBER				
IP-TFDR4SHN12	3/4	32.0	420	1780
IP-TFDR4SHN16	1	38.4	385	1750
IP-TFDR4SHN20	1 1/4	45.8	350	1400

INTERPUMP MT1 PAINT SPRAY HOSE

FEATURES

- Oil proof cover
- High tensile steel braid



SPECIFICATIONS

Application standards	SAE 100R1 – EN 853, 1ST, 1SN – EN 857 1SC
Working temperature	-40°C to +100°C (-40°F to +212°F) Max. working temperature of air, water & water-based fluids is 70°C (158°F)
Working pressure	Pressures listed at safety ratio 1:4 for dynamic pressure
Materials	Inner core in polyamide, reinforcement in high tensile steel braid & exterior covering in anti-abrasion polyurethane, micro-perforated on request for the conduction of air & compatible gases.



ONE WIRE THERMOPLASTIC PAINT SPRAY HOSE



8080

PART NUMBER			
IP-TFMT1-03	3/16	0.394	350
IP-TFMT1-04	1/4	0.469	300
IP-TFMT1-06	3/8	0.630	225
IP-TFMT1-08	1/2	0.756	190

INTERPUMP MT2 PAINT SPRAY HOSE

FEATURES

- Oil proof cover
- High tensile steel braid



SPECIFICATIONS

Application standards	SAE 100R2
Working temperature	-40°C to +100°C (-40°F to +212°F) Max. working temperature of air, water & water-based fluids is 70°C (158°F)
Materials	Inner core in polyamide, reinforcement in high tensile steel braid & exterior covering in anti-abrasion polyurethane, micro-perforated on request for the conduction of air & compatible gases.



TWO WIRE THERMOPLASTIC PAINT SPRAY HOSE



8080

PART NUMBER			
IP-TFMT2-04	1/4	0.531	400
IP-TFMT2-06	3/8	0.669	300
IP-TFMT2-08	1/2	0.846	275
IP-TFMT2-12	3/4	1.083	215

FERRULES



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FERRULES

PART NUMBER	HOSE ID	FOR USE WITH
IP-0022-04	1/4"	2SN, MT2
IP-0022-06	3/8"	2SN, MT2
IP-0022-08	1/2"	2SN, MT2
IP-0022-10	5/8"	2SN
IP-0022-12	3/4"	2SN, MT2
IP-0022-16	1"	2SN
IP-0022-20	1 1/4"	2SN
IP-0022-24	1 1/2"	2SN
IP-0022-32	2"	2SN



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FERRULES

PART NUMBER	HOSE ID	FOR USE WITH
IP-001C-04	1/4"	1SN, 1SC, 2SC
IP-001C-06	3/8"	1SN, 1SC, 2SC
IP-001C-08	1/2"	1SN, 1SC, 2SC
IP-001C-12	3/4"	1SN, 1SC, 2SC
IP-001C-16	1"	1SN, 1SC, 2SC
IP-001C-20	1 1/4"	1SN, 1SC, 2SC
IP-001C-24	1 1/2"	1SN, 1SC, 2SC
IP-001C-32	2"	1SN, 1SC, 2SC

FERRULES



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PART NUMBER	HOSE ID	FOR USE WITH
IP-0009-06	3/8"	4SP
IP-0009-08	1/2"	4SP
IP-0009-12	3/4"	4SP
IP-0009-16	1"	4SP
IP-0009-20	1 1/4"	4SP



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FERRULES

PART NUMBER	HOSE ID	FOR USE WITH
IP-0007-03	3/16"	MT1
IP-0007-04	1/4"	MT1
IP-0007-06	3/8"	MT1
IP-0007-08	1/2"	MT1

BSPP FITTINGS

New Additions

STRAIGHT BSPP FEMALE 60° CONE



8085

PART NUMBER	HOSE ID	THREAD
IP-0051-04-04	1/4"	1/4" BSPP
IP-0051-04-06	1/4"	3/8" BSPP
IP-0051-06-06	3/8"	3/8" BSPP
IP-0051-06-08	3/8"	1/2" BSPP
IP-0051-08-08	1/2"	1/2" BSPP
IP-0051-10-10	5/8"	5/8" BSPP
IP-0051-12-12	3/4"	3/4" BSPP
IP-0051-16-16	1"	1" BSPP
IP-0050-20-20	1 1/4"	1 1/4" BSPP
IP-0050-24-24	1 1/2"	1 1/2" BSPP
IP-0050-32-32	2"	2" BSPP

STRAIGHT BSPP MALE 60° CONE



8085

PART NUMBER	HOSE ID	THREAD
IP-0350-04-04	1/4"	1/4" BSPP
IP-0350-04-06	1/4"	3/8" BSPP
IP-0350-06-06	3/8"	3/8" BSPP
IP-0350-06-08	3/8"	1/2" BSPP
IP-0350-08-08	1/2"	1/2" BSPP
IP-0350-10-10	5/8"	5/8" BSPP
IP-0350-12-12	3/4"	3/4" BSPP
IP-0350-16-16	1"	1" BSPP
IP-0350-20-20	1 1/4"	1 1/4" BSPP
IP-0350-24-24	1 1/2"	1 1/2" BSPP
IP-0350-32-32	2"	2" BSPP

New Additions

90° SWEPT BSPP FEMALE 60° CONE

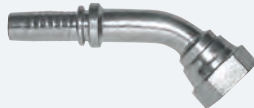


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PART NUMBER	HOSE ID	THREAD
IP-0151-04-04	1/4"	1/4" BSPP
IP-0151-06-06	3/8"	3/8" BSPP
IP-0151-08-08	1/2"	1/2" BSPP
IP-0151-10-10	5/8"	5/8" BSPP
IP-0151-12-12	3/4"	3/4" BSPP
IP-0151-16-16	1"	1" BSPP
IP-0150-20-20	1 1/4"	1 1/4" BSPP
IP-0150-24-24	1 1/2"	1 1/2" BSPP
IP-0150-32-32	2"	2" BSPP

New Additions

45° SWEPT BSPP FEMALE 60° CONE

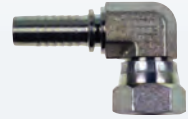


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PART NUMBER	HOSE ID	THREAD
IP-0251-04-04	1/4"	1/4" BSPP
IP-0251-06-06	3/8"	3/8" BSPP
IP-0251-08-08	1/2"	1/2" BSPP
IP-0251-10-10	5/8"	5/8" BSPP
IP-0251-12-12	3/4"	3/4" BSPP
IP-0251-16-16	1"	1" BSPP
IP-0250-20-20	1 1/4"	1 1/4" BSPP
IP-0250-24-24	1 1/2"	1 1/2" BSPP
IP-0250-32-32	2"	2" BSPP



90° COMPACT BSPP FEMALE 60° CONE



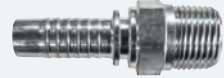
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PART NUMBER	HOSE ID	THREAD
IP-2321-04-04	1/4"	1/4" BSPP
IP-2321-06-06	3/8"	3/8" BSPP
IP-2321-08-08	1/2"	1/2" BSPP
IP-2321-12-12	3/4"	3/4" BSPP
IP-2321-16-16	1"	1" BSPP

BSPT FITTINGS

New Additions

STRAIGHT HOSETAIL BSPT MALE



8085

PART NUMBER	HOSE ID	THREAD
IP-0360-04-04	1/4"	1/4" BSPT
IP-0360-06-06	3/8"	3/8" BSPT
IP-0360-06-08	3/8"	1/2" BSPT
IP-0360-08-08	1/2"	1/2" BSPT
IP-0360-10-10	5/8"	5/8" BSPT
IP-0360-12-12	3/4"	3/4" BSPT
IP-0360-16-16	1"	1" BSPT
IP-0360-20-20	1 1/4"	1 1/4" BSPT
IP-0360-24-24	1 1/2"	1 1/2" BSPT
IP-0360-32-32	2"	2" BSPT

ORFS FITTINGS

STRAIGHT ORFS FEMALE



8085

PART NUMBER	HOSE ID	THREAD
IP-S050-04-06	1/4"	9/16" ORFS
IP-S050-04-09	1/4"	11/16" ORFS
IP-S050-06-09	3/8"	11/16" ORFS
IP-S050-06-11	3/8"	13/16" ORFS
IP-S050-08-11	1/2"	13/16" ORFS
IP-S050-12-14	3/4"	1 3/16" ORFS
IP-S050-16-15	1"	1 7/16" ORFS

45° SWEPT ELBOW ORFS FEMALE



8085

PART NUMBER	HOSE ID	THREAD
IP-S250-04-06	1/4"	9/16" ORFS
IP-S250-06-09	3/8"	11/16" ORFS
IP-S250-08-11	1/2"	13/16" ORFS
IP-S250-12-14	3/4"	1 3/16" ORFS
IP-S250-16-15	1"	1 7/16" ORFS

90° SWEPT ELBOW ORFS FEMALE



8085

PART NUMBER	HOSE ID	THREAD
IP-S150-04-06	1/4"	9/16" ORFS
IP-S150-04-09	1/4"	11/16" ORFS
IP-S150-06-09	3/8"	11/16" ORFS
IP-S150-08-11	1/2"	13/16" ORFS
IP-S150-12-14	3/4"	1 3/16" ORFS
IP-S150-16-15	1"	1 7/16" ORFS

METRIC FITTINGS – LIGHT DUTY

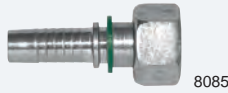
STRAIGHT METRIC MALE 24° CONE



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PART NUMBER	HOSE ID	THREAD
IP-0500-04-14	1/4"	M14 x 1.5
IP-0500-04-16	1/4"	M16 x 1.5
IP-0500-06-16	3/8"	M16 x 1.5
IP-0500-06-18	3/8"	M18 x 1.5
IP-0500-08-22	1/2"	M22 x 1.5
IP-0500-12-30	3/4"	M30 x 2.0
IP-0500-16-36	1"	M36 x 2.0

STRAIGHT METRIC FEMALE 24° CONE



8085

PART NUMBER	HOSE ID	THREAD
IP-0085-04-14	1/4"	M14 x 1.5
IP-0085-04-16	1/4"	M16 x 1.5
IP-0085-06-16	3/8"	M16 x 1.5
IP-0085-06-18	3/8"	M18 x 1.5
IP-0085-08-22	1/2"	M22 x 1.5
IP-0085-12-30	3/4"	M30 x 2.0
IP-0085-16-36	1"	M36 x 2.0

45° SWEEP ELBOW METRIC FEMALE 24° CONE



8085

PART NUMBER	HOSE ID	THREAD
IP-0285-04-14	1/4"	M14 x 1.5
IP-0285-04-16	1/4"	M16 x 1.5
IP-0285-06-16	3/8"	M16 x 1.5
IP-0285-06-18	3/8"	M18 x 1.5
IP-0285-08-22	1/2"	M22 x 1.5
IP-0285-12-30	3/4"	M30 x 2.0
IP-0285-16-36	1"	M36 x 2.0

90° SWEEP ELBOW METRIC FEMALE 24° CONE



8085

PART NUMBER	HOSE ID	THREAD
IP-0185-04-14	1/4"	M14 x 1.5
IP-0185-04-16	1/4"	M16 x 1.5
IP-0185-06-16	3/8"	M16 x 1.5
IP-0185-06-18	3/8"	M18 x 1.5
IP-0185-08-22	1/2"	M22 x 1.5
IP-0185-12-30	3/4"	M30 x 2.0
IP-0185-16-36	1"	M36 x 2.0

METRIC FITTINGS – HEAVY DUTY

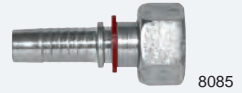
STRAIGHT METRIC MALE 24° CONE



8085

PART NUMBER	HOSE ID	THREAD
IP-0450-04-18	1/4"	M18 x 1.5
IP-0450-06-20	3/8"	M20 x 1.5
IP-0450-08-24	1/2"	M24 x 1.5
IP-0450-12-30	3/4"	M30 x 2.0
IP-0450-12-36	3/4"	M36 x 2.0
IP-0450-16-42	1"	M42 x 2.0

STRAIGHT METRIC FEMALE 24° CONE



8085

PART NUMBER	HOSE ID	THREAD
IP-0084-04-18	1/4"	M18 x 1.5
IP-0084-06-20	3/8"	M20 x 1.5
IP-0084-06-22	3/8"	M22 x 1.5
IP-0084-08-24	1/2"	M24 x 1.5
IP-0084-12-30	3/4"	M30 x 2.0
IP-0084-12-36	3/4"	M36 x 2.0
IP-0084-16-42	1"	M42 x 2.0

45° SWEEP ELBOW METRIC FEMALE 24° CONE



8085

PART NUMBER	HOSE ID	THREAD
IP-0284-04-18	1/4"	M18 x 1.5
IP-0284-06-20	3/8"	M20 x 1.5
IP-0284-06-22	3/8"	M22 x 1.5
IP-0284-08-24	1/2"	M24 x 1.5
IP-0284-12-36	3/4"	M36 x 2.0
IP-0284-16-36	1"	M36 x 2.0
IP-0284-16-42	1"	M42 x 2.0

90° SWEEP ELBOW METRIC FEMALE 24° CONE



8085

PART NUMBER	HOSE ID	THREAD
IP-0184-04-18	1/4"	M18 x 1.5
IP-0184-06-20	3/8"	M20 x 1.5
IP-0184-06-22	3/8"	M22 x 1.5
IP-0184-08-24	1/2"	M24 x 1.5
IP-0184-12-36	3/4"	M36 x 2.0
IP-0184-16-36	1"	M36 x 2.0
IP-0184-16-42	1"	M42 x 2.0

JIC FITTINGS

STRAIGHT JIC MALE 37° CONE



8085

PART NUMBER	HOSE ID	THREAD
IP-0850-04-04	1/4"	7/16" JIC
IP-0850-04-06	1/4"	9/16" JIC
IP-0850-06-06	3/8"	9/16" JIC
IP-0850-06-08	3/8"	3/4" JIC
IP-0850-08-08	1/2"	3/4" JIC
IP-0850-08-10	1/2"	7/8" JIC
IP-0850-10-10	5/8"	7/8" JIC
IP-0850-12-12	3/4"	1 1/16" JIC
IP-0850-16-16	1"	1 5/16" JIC

STRAIGHT JIC FEMALE 37° CONE



8085

PART NUMBER	HOSE ID	THREAD
IP-0901-04-04	1/4"	7/16" JIC
IP-0901-04-06	1/4"	9/16" JIC
IP-0901-06-06	3/8"	9/16" JIC
IP-0901-06-08	3/8"	3/4" JIC
IP-0901-08-08	1/2"	3/4" JIC
IP-0901-08-10	1/2"	7/8" JIC
IP-0901-10-10	5/8"	7/8" JIC
IP-0901-12-12	3/4"	1 1/16" JIC
IP-0901-16-16	1"	1 5/16" JIC

JIC FITTINGS CONT'D

45° SWEPT JIC FEMALE 37° CONE



8085

PART NUMBER	HOSE ID	THREAD
IP-1001-04-04	1/4"	7/16" JIC
IP-1001-04-06	1/4"	9/16" JIC
IP-1001-06-06	3/8"	9/16" JIC
IP-1001-06-08	3/8"	3/4" JIC
IP-1001-08-08	1/2"	3/4" JIC
IP-1001-08-10	1/2"	7/8" JIC
IP-1001-10-10	5/8"	7/8" JIC
IP-1001-12-12	3/4"	1 1/16" JIC
IP-1001-16-16	1"	1 5/16" JIC

90° SWEPT JIC FEMALE 37° CONE



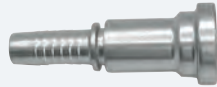
8085

PART NUMBER	HOSE ID	THREAD
IP-0951-04-04	1/4"	7/16" JIC
IP-0951-04-06	1/4"	9/16" JIC
IP-0951-06-06	3/8"	9/16" JIC
IP-0951-06-08	3/8"	3/4" JIC
IP-0951-08-08	1/2"	3/4" JIC
IP-0951-08-10	1/2"	7/8" JIC
IP-0951-10-10	5/8"	7/8" JIC
IP-0951-12-12	3/4"	1 1/16" JIC
IP-0951-16-16	1"	1 5/16" JIC

FLANGES

New

STRAIGHT SAE 3000 PSI



8085

PART NUMBER	HOSE ID	SIZE
IP-1260-08-08	1/2"	1/2" SAE
IP-1260-12-12	3/4"	3/4" SAE
IP-1260-16-16	1"	1" SAE
IP-1260-20-20	1 1/4"	1 1/4" SAE
IP-1260-24-24	1 1/2"	1 1/2" SAE
IP-1260-32-32	2"	2" SAE

New

90° SWEPT SAE 3000 PSI

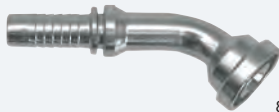


8085

PART NUMBER	HOSE ID	SIZE
IP-1060-08-08	1/2"	1/2" SAE
IP-1060-12-12	3/4"	3/4" SAE
IP-1060-16-16	1"	1" SAE
IP-1060-20-20	1 1/4"	1 1/4" SAE
IP-1060-24-24	1 1/2"	1 1/2" SAE
IP-1060-32-32	2"	2" SAE

New

45° SWEPT SAE 3000 PSI



8085

PART NUMBER	HOSE ID	SIZE
IP-1160-08-08	1/2"	1/2" SAE
IP-1160-12-12	3/4"	3/4" SAE
IP-1160-16-16	1"	1" SAE
IP-1160-20-20	1 1/4"	1 1/4" SAE
IP-1160-24-24	1 1/2"	1 1/2" SAE
IP-1160-32-32	2"	2" SAE

New

SPLIT FLANGE CLAMP SAE 3000 PSI



8085

PART NUMBER	SIZE
IP-S003-08	1/2" SAE
IP-S003-12	3/4" SAE
IP-S003-16	1" SAE
IP-S003-20	1 1/4" SAE
IP-S003-24	1 1/2" SAE
IP-S003-32	2" SAE

New

BOLT FOR SPLIT FLANGE CLAMPS SOCKET CAP SCREW & SPLIT RING



8085

PART NUMBER	SIZE
IP-CAPHEAD-M8X30	M8 x 30
IP-CAPHEAD-M10X30	M10 x 30
IP-CAPHEAD-M10X35	M10 x 35
IP-CAPHEAD-M12X45	M12 x 45
IP-CAPHEAD-M14X45	M14 x 45
IP-CAPHEAD-M16X50	M16 x 50
IP-CAPHEAD-M20X70	M20 x 70

New

FLANGE SEAL



8085

PART NUMBER	SIZE
IP-YBBS21090	1/2" SAE
IP-YBBS21490	3/4" SAE
IP-YBBS21990	1" SAE
IP-YBBS22290	1 1/4" SAE
IP-YBBS22590	1 1/2" SAE
IP-YBBS23790	2" SAE

Please note: 4 required per split flange clamp



SAE 6000 psi flanges available on request. Please contact your distributor for further information.

HYDRAULIC HOSE

CONSTRUCTION

Synthetic rubber tube & cover
1 x high tensile steel wire braid

APPLICATIONS

- Hydraulic oils, both mineral & biological
- Polyglycol base oils, water-oil emulsions & water

TEMPERATURE RANGE

Hydraulic oils: 40°C to 100°C (-40°F to +212°F)

HOSE MARKING

Part number, specification, size & batch number

HYDRAULIC HOSE 1 WIRE



8090

PART NUMBER	1mtrs	1/2"	1 1/2"	1 bar	1 1/2 bar
PKR-1SN-1/4-100	100	1/4	12.9	225	900
PKR-1SN-3/8-100	100	3/8	17.1	180	720
PKR-1SN-1/2-100	100	1/2	20.4	160	640
PKR-1SN-1/2-50	50	1/2	20.4	160	640
PKR-1SN-3/4-100	100	3/4	27.7	105	420
PKR-1SN-3/4-50	50	3/4	27.7	105	420
PKR-1SN-1-50	50	1	35.8	87	350

CONSTRUCTION

Synthetic rubber tube & cover
2 x high tensile steel wire braids

APPLICATIONS

- Hydraulic oils, both mineral & biological
- Polyglycol base oils, water-oil emulsions & water

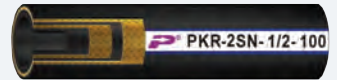
TEMPERATURE RANGE

Hydraulic oils: 40°C to 100°C (-40°F to +212°F)

HOSE MARKING

Part number, specification, size & batch number

HYDRAULIC HOSE 2 WIRE



8090

PART NUMBER	1mtrs	1/2"	1 1/2"	1 bar	1 1/2 bar
PKR-2SN-1/4-100	100	1/4	14.6	400	1600
PKR-2SN-3/8-100	100	3/8	18.6	330	1320
PKR-2SN-1/2-100	100	1/2	21.8	275	1100
PKR-2SN-1/2-50	50	1/2	21.8	275	1100
PKR-2SN-3/4-100	100	3/4	29.2	215	850
PKR-2SN-3/4-50	50	3/4	29.2	215	850
PKR-2SN-1-30	30	1	37.8	165	650

CONSTRUCTION

Oil, weather & abrasion resistant synthetic rubber tube & cover
4 x high tensile steel wire braids

APPLICATIONS

- Petroleum based hydraulic fluids

TEMPERATURE RANGE

-40°C to +100°C (-40°F to +212°F)

HOSE MARKING

Part number, specification, size & batch number

HYDRAULIC HOSE EN856-4SP 4 WIRE



8090

PART NUMBER	1mtrs	1/2"	1 1/2"	1 bar	1 1/2 bar
PKR-4SP-3/4-30	30	3/4	30.6	350	1350
PKR-4SP-1-30	30	1	37.7	280	1120

CONSTRUCTION

Oil, weather & abrasion resistant synthetic rubber
2 x high tensile steel wire braid

APPLICATIONS

- Petroleum based hydraulic fluids

TEMPERATURE RANGE

-40°C to +100°C (-40°F to +212°F)

HOSE MARKING

Part number, specification, size & batch number

HYDRAULIC HOSE 2 WIRE – COMPACT



8090

PART NUMBER	1mtrs	1/2"	1 1/2"	1 bar	1 1/2 bar
PKR-2SC-1/4-100	100	1/4	13.2	400	1600
PKR-2SC-3/8-100	100	3/8	17.0	330	1320
PKR-2SC-1/2-100	100	1/2	20.5	276	1104

CONSTRUCTION

Synthetic rubber tube & cover, water, hot water, detergent solutions resistant
2 x high tensile wire braid

APPLICATIONS

For medium pressure cleaning applications

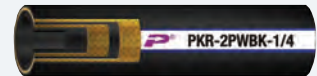
TEMPERATURE RANGE

-40°C to +100°C (-40°F to +212°F)

HOSE MARKING

Part number, specification, size & batch number

PRESSURE WASHER HOSE 2 WIRE – BLACK



8090

PART NUMBER	1mtrs	1/2"	1 1/2"	1 bar	1 1/2 bar
PKR-2PWBK-1/4-100	100	1/4	15.6	400	1200
PKR-2PWBK-3/8-100	100	3/8	18.9	400	1200

PRESSURE WASHER HOSE 2 WIRE – BLUE



8090

PART NUMBER	1mtrs	1/2"	1 1/2"	1 bar	1 1/2 bar
PKR-2PWBL-1/4-100	100	1/4	15.6	400	1200
PKR-2PWBL-3/8-100	100	3/8	18.9	400	1200

BREAKER HOSE ASSEMBLIES

CONSTRUCTION

Manufactured from high quality Parkair 1/2" EN853-2SN wire hydraulic hose.

HOSE MARKING

Part number, specification, size & batch number.



8092

BREAKER HOSE ASSEMBLIES 2 WIRE COMPLETE WITH ISO 16028 FLAT FACED COUPLINGS

PART NUMBER	Length (mtrs)	Length (Ins)	Pressure (bar)	Flow (l/min)
TPD1252	6	1/2"	275	1100
TPD1248	9	1/2"	275	1100

APPLICATIONS

For use on jackhammers & pneumatic road drills

TEMPERATURE RANGE

Hydraulic oils: 40°C to 100°C (-40°F to +212°F)
Occasional peaks up to 125°C (250°F)



8092

BREAKER HOSE ASSEMBLIES 2 WIRE COMPLETE WITH 1/2" BSPP MALE INSERTS

PART NUMBER	Length (mtrs)	Length (Ins)	Pressure (bar)	Flow (l/min)
TPD1253	6	1/2"	275	1100
TPD1249	9	1/2"	275	1100

COMPRESSOR INSTALLATION ASSEMBLIES

CONSTRUCTION

- Synthetic rubber tube & cover
- 1 high tensile steel wire braid
- Temperature range 40°C to 100°C (-40°F to +212°F) hydraulic oil
- Other sizes & fittings available upon request
- BSPP female 60° cone fittings



8092

COMPRESSOR INSTALLATION ASSEMBLIES 1/2" BSPP FEMALE STRAIGHT EACH END

PART NUMBER	Length (mtrs)	Length (Ins)	Pressure (bar)
PKR-1SN-08-0.5M	0.5	1/2	160
PKR-1SN-08-1.0M	1.0	1/2	160
PKR-1SN-08-1.5M	1.5	1/2	160
PKR-1SN-08-2.0M	2.0	1/2	160
PKR-1SN-08-2.5M	2.5	1/2	160

3/4" BSPP FEMALE STRAIGHT EACH END

PKR-1SN-12-0.5M	0.5	3/4	105
PKR-1SN-12-1.0M	1.0	3/4	105
PKR-1SN-12-1.5M	1.5	3/4	105
PKR-1SN-12-2.0M	2.0	3/4	105
PKR-1SN-12-2.5M	2.5	3/4	105

1" BSPP FEMALE STRAIGHT EACH END

PKR-1SN-16-0.5M	0.5	1	88
PKR-1SN-16-1.0M	1.0	1	88
PKR-1SN-16-1.5M	1.5	1	88
PKR-1SN-16-2.0M	2.0	1	88
PKR-1SN-16-2.5M	2.5	1	88

1 1/2" BSPP FEMALE STRAIGHT EACH END

PKR-1SN-24-0.5M	0.5	1 1/2	50
PKR-1SN-24-1.0M	1.0	1 1/2	50
PKR-1SN-24-1.5M	1.5	1 1/2	50
PKR-1SN-24-2.0M	2.0	1 1/2	50
PKR-1SN-24-2.5M	2.5	1 1/2	50

2" BSPP FEMALE STRAIGHT EACH END

PKR-1SN-32-0.5M	0.5	2	40
PKR-1SN-32-1.0M	1.0	2	40
PKR-1SN-32-1.5M	1.5	2	40
PKR-1SN-32-2.0M	2.0	2	40
PKR-1SN-32-2.5M	2.5	2	40



8092

COMPRESSOR INSTALLATION ASSEMBLIES 1/2" BSPP FEMALE STRAIGHT x 90° ELBOW

PART NUMBER	Length (mtrs)	Length (Ins)	Pressure (bar)
PKR-1SN-08-0.5M90	0.5	1/2	160
PKR-1SN-08-1.0M90	1.0	1/2	160
PKR-1SN-08-1.5M90	1.5	1/2	160
PKR-1SN-08-2.0M90	2.0	1/2	160
PKR-1SN-08-2.5M90	2.5	1/2	160

3/4" BSPP FEMALE STRAIGHT x 90° ELBOW

PKR-1SN-12-0.5M90	0.5	3/4	105
PKR-1SN-12-1.0M90	1.0	3/4	105
PKR-1SN-12-1.5M90	1.5	3/4	105
PKR-1SN-12-2.0M90	2.0	3/4	105
PKR-1SN-12-2.5M90	2.5	3/4	105

1" BSPP FEMALE STRAIGHT x 90° ELBOW

PKR-1SN-16-0.5M90	0.5	1	88
PKR-1SN-16-1.0M90	1.0	1	88
PKR-1SN-16-1.5M90	1.5	1	88
PKR-1SN-16-2.0M90	2.0	1	88
PKR-1SN-16-2.5M90	2.5	1	88

1 1/2" BSPP FEMALE STRAIGHT x 90° ELBOW

PKR-1SN-24-0.5M90	0.5	1 1/2	50
PKR-1SN-24-1.0M90	1.0	1 1/2	50
PKR-1SN-24-1.5M90	1.5	1 1/2	50
PKR-1SN-24-2.0M90	2.0	1 1/2	50
PKR-1SN-24-2.5M90	2.5	1 1/2	50

2" BSPP FEMALE STRAIGHT x 90° ELBOW

PKR-1SN-32-0.5M90	0.5	2	40
PKR-1SN-32-1.0M90	1.0	2	40
PKR-1SN-32-1.5M90	1.5	2	40
PKR-1SN-32-2.0M90	2.0	2	40
PKR-1SN-32-2.5M90	2.5	2	40

HYDRAULIC FITTINGS

Four

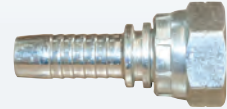
STRAIGHT INSERT BSPP MALE



8095

PART NUMBER	HOSE ID	THREAD
PKRI-12611-04-04	1/4"	1/4" BSPP
PKRI-12611-06-06	3/8"	3/8" BSPP
PKRI-12611-08-08	1/2"	1/2" BSPP
PKRI-12611-12-12	3/4"	3/4" BSPP
PKRI-12611-16-16	1"	1" BSPP

CONED STRAIGHT BSPP FEMALE



8095

PART NUMBER	HOSE ID	THREAD
PKRI-22611-04-04	1/4"	1/4" BSPP
PKRI-22611-06-06	3/8"	3/8" BSPP
PKRI-22611-08-08	1/2"	1/2" BSPP
PKRI-22611-12-12	3/4"	3/4" BSPP
PKRI-22611-16-16	1"	1" BSPP

45° SWEEP ELBOW BSPP SWIVEL FEMALE



8095

PART NUMBER	HOSE ID	THREAD
PKRI-22641-04-04	1/4"	1/4" BSPP
PKRI-22641-06-06	3/8"	3/8" BSPP
PKRI-22641-08-08	1/2"	1/2" BSPP
PKRI-22641-12-12	3/4"	3/4" BSPP
PKRI-22641-16-16	1"	1" BSPP

90° SWEEP ELBOW BSPP SWIVEL FEMALE



8095

PART NUMBER	HOSE ID	THREAD
PKRI-22691-04-04	1/4"	1/4" BSPP
PKRI-22691-06-06	3/8"	3/8" BSPP
PKRI-22691-08-08	1/2"	1/2" BSPP
PKRI-22691-12-12	3/4"	3/4" BSPP
PKRI-22691-16-16	1"	1" BSPP

HYDRAULIC STEEL FERRULE UNIVERSAL



8095

PART NUMBER	HOSE ID
PKRI-03310-04	1/4"
PKRI-03310-06	3/8"
PKRI-03310-08	1/2"
PKRI-03310-12	3/4"
PKRI-03310-16	1"

Do you also need?

PARKAIR®



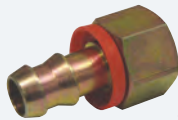
Hydraulic oil

- Grade 32 HM
- 5 litre drum

Find it on page 933, section fifteen

HYDRAULIC FITTINGS FOR USE WITH INSTAGRIP™ HOSE

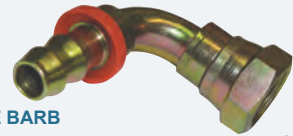
STRAIGHT SWIVEL FEMALE / HOSE BARB FEMALE THREAD



8510

PART NUMBER	THREAD	HOSE ID
H-09240	1/4" BSPP	1/4"
H-09241	3/8" BSPP	3/8"
H-09242	1/2" BSPP	1/2"
H-09244	3/4" BSPP	3/4"

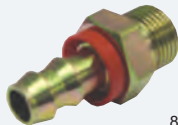
90° SWEEP ELBOW SWIVEL FEMALE / HOSE BARB FEMALE THREAD



8510

PART NUMBER	THREAD	HOSE ID
H-09280	1/4" BSPP	1/4"
H-09281	3/8" BSPP	3/8"
H-09282	1/2" BSPP	1/2"
H-09284	3/4" BSPP	3/4"

STRAIGHT MALE / HOSE BARB MALE THREAD



8510

PART NUMBER	THREAD	HOSE ID
H-09220	1/4" BSPP	1/4"
H-09221	3/8" BSPP	3/8"
H-09222	1/2" BSPP	1/2"
H-09223	3/4" BSPP	3/4"

Do you also need?

Continental®
CONTITECH

Instagrip™ hose



Find it on page 679, section ten

BSPP FITTINGS

STRAIGHT BSPP MALE



8060

PART NUMBER	HOSE ID	THREAD
W-0404MU	1/4"	1/4" BSPP
W-0606MU	3/8"	3/8" BSPP
W-0808MU	1/2"	1/2" BSPP
W-1010MU	5/8"	5/8" BSPP
W-1212MU	3/4"	3/4" BSPP

STRAIGHT BSPP FEMALE



8060

PART NUMBER	HOSE ID	THREAD
W-0404NU	1/4"	1/4" BSPP
W-0606NU	3/8"	3/8" BSPP
W-0808NU	1/2"	1/2" BSPP
W-1010NU	5/8"	5/8" BSPP
W-1212NU	3/4"	3/4" BSPP

90° COMPACT ELBOW BSPP FEMALE



8060

PART NUMBER	HOSE ID	THREAD
W-0404NU9C	1/4"	1/4" BSPP
W-0606NU9C	3/8"	3/8" BSPP
W-0808NU9C	1/2"	1/2" BSPP
W-1212NU9C	3/4"	3/4" BSPP

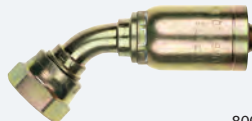
90° ELBOW BSPP FEMALE



8060

PART NUMBER	HOSE ID	THREAD
W-0404NU9	1/4"	1/4" BSPP
W-0606NU9	3/8"	3/8" BSPP
W-0808NU9	1/2"	1/2" BSPP
W-1010NU9	5/8"	5/8" BSPP
W-1212NU9	3/4"	3/4" BSPP

45° ELBOW BSPP FEMALE



8060

PART NUMBER	HOSE ID	THREAD
W-0404NU4	1/4"	1/4" BSPP
W-0606NU4	3/8"	3/8" BSPP
W-0808NU4	1/2"	1/2" BSPP
W-1212NU4	3/4"	3/4" BSPP

JIC FITTINGS

STRAIGHT JIC MALE 37° CONE



8060

PART NUMBER	HOSE ID	THREAD
W-0404MJ	1/4"	7/16" JIC
W-0606MJ	3/8"	9/16" JIC
W-0808MJ	1/2"	3/4" JIC
W-1212MJ	3/4"	1 1/16" JIC

STRAIGHT JIC FEMALE 37° CONE



8060

PART NUMBER	HOSE ID	THREAD
W-0404FJ	1/4"	7/16" JIC
W-0406FJ	1/4"	9/16" JIC
W-0606FJ	3/8"	9/16" JIC
W-0608FJ	3/8"	3/4" JIC
W-0808FJ	1/2"	3/4" JIC
W-0810FJ	1/2"	7/8" JIC
W-1212FJ	3/4"	1 1/16" JIC

90° COMPACT ELBOW JIC FEMALE 37° CONE



8060

PART NUMBER	HOSE ID	THREAD
W-0404FJ9C	1/4"	7/16" JIC
W-0606FJ9C	3/8"	9/16" JIC
W-0808FJ9C	1/2"	3/4" JIC
W-1212FJ9C	3/4"	1 1/16" JIC

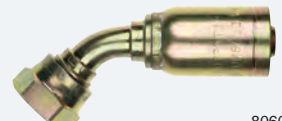
90° ELBOW JIC FEMALE 37° CONE



8060

PART NUMBER	HOSE ID	THREAD
W-0404FJ9	1/4"	7/16" JIC
W-0606FJ9	3/8"	9/16" JIC
W-0808FJ9	1/2"	3/4" JIC
W-1212FJ9	3/4"	1 1/16" JIC

45° ELBOW JIC FEMALE 37° CONE



8060

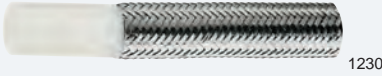
PART NUMBER	HOSE ID	THREAD
W-0404FJ4	1/4"	7/16" JIC
W-0606FJ4	3/8"	9/16" JIC
W-0808FJ4	1/2"	3/4" JIC
W-1212FJ4	3/4"	1 1/16" JIC

304 STAINLESS STEEL OVERBRAID PTFE HOSE

SPECIFICATIONS

Working temperature 230°C

SMOOTH HOSE
PTFE LINED



PART NUMBER			
PT04	1/4	240	40
PT06	3/8	190	60
PT08	1/2	150	90
PT12	3/4	80	170
PT16	1	55	270

SPECIFICATIONS

Working temperature 230°C

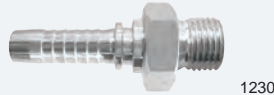
CONVOLUTED HOSE
PTFE LINED



PART NUMBER				
PTV06	3/8	1/4	60	19
PTV08	1/2	3/8	47	25
PTV12	3/4	5/8	32	50
PTV16	1	7/8	26	63

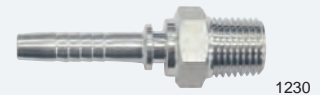
STAINLESS STEEL INSERTS & FERRULES

STRAIGHT
BSPP MALE 60° CONE



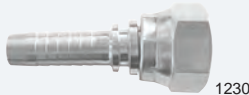
PART NUMBER	HOSE ID	THREAD
S-MCS250-04	1/4"	1/4" BSPP
S-MCS250-06	3/8"	3/8" BSPP
S-MCS250-08	1/2"	1/2" BSPP
S-MCS250-10	5/8"	5/8" BSPP
S-MCS250-12	3/4"	3/4" BSPP
S-MCS250-16	1"	1" BSPP

STRAIGHT
BSPT MALE



PART NUMBER	HOSE ID	THREAD
S-MTS25BT04	1/4"	1/4" BSPT
S-MTS25BT06	3/8"	3/8" BSPT
S-MTS25BT08	1/2"	1/2" BSPT
S-MTS25BT12	3/4"	3/4" BSPT
S-MTS25BT16	1"	1" BSPT

STRAIGHT
BSPP FEMALE 60° CONE



PART NUMBER	HOSE ID	THREAD
S-FS-250-4	1/4"	1/4" BSPP
S-FS-250-6	3/8"	3/8" BSPP
S-FS-250-8	1/2"	1/2" BSPP
S-FS-250-10	5/8"	5/8" BSPP
S-FS-250-12	3/4"	3/4" BSPP
S-FS-250-16	1"	1" BSPP

90° SWEPT ELBOW
BSPP FEMALE 60° CONE



PART NUMBER	HOSE ID	THREAD
S-E250-04	1/4"	1/4" BSPP
S-E250-06	3/8"	3/8" BSPP
S-E250-08	1/2"	1/2" BSPP
S-E250-10	5/8"	5/8" BSPP
S-E250-12	3/4"	3/4" BSPP
S-E250-16	1"	1" BSPP

45° SWEPT ELBOW
BSPP FEMALE 60° CONE



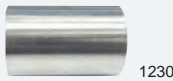
PART NUMBER	HOSE ID	THREAD
S-EF250-04	1/4"	1/4" BSPP
S-EF250-06	3/8"	3/8" BSPP
S-EF250-08	1/2"	1/2" BSPP
S-EF250-10	5/8"	5/8" BSPP
S-EF250-12	3/4"	3/4" BSPP
S-EF250-16	1"	1" BSPP

FERRULES



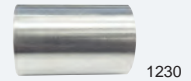
PART NUMBER	HOSE ID	FOR USE WITH
PT04FSSH	1/4"	PT04
PT06FSSH	3/8"	PT06 & PTV06
PT08FSSH	1/2"	PT08 & PTV08
PT12FSSH	3/4"	PT12 & PTV12
PT16FSSH	1"	PT16 & PTV16

FERRULES



PART NUMBER	HOSE ID	FOR USE WITH
SFR1AT2504	1/4"	1SN
SFR1AT2506	3/8"	1SN
SFR1AT2508	1/2"	1SN
SFR1AT25010	5/8"	1SN
SFR1AT25012	3/4"	1SN
SFR1AT25016	1"	1SN

FERRULES



PART NUMBER	HOSE ID	FOR USE WITH
SFR2AT2504	1/4"	2SN
SFR2AT2506	3/8"	2SN
SFR2AT2508	1/2"	2SN
SFR2AT25010	5/8"	2SN
SFR2AT25012	3/4"	2SN
SFR2AT25016	1"	2SN

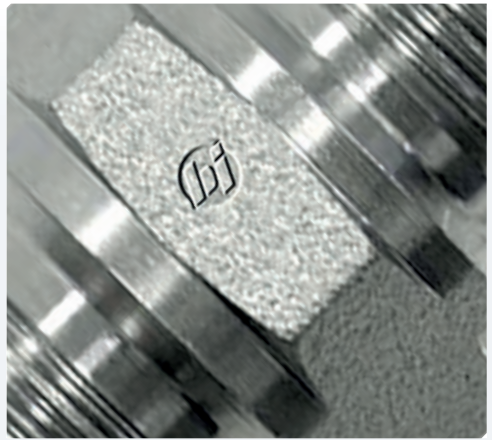


Brennan Industries Hydraulic Adaptors

Brennan manufactures diverse tube fittings and adaptors that offer leak-tight connections capable of withstanding high pressures and temperatures.

These fittings and adaptors are available in various shapes, sizes, styles, and materials, including carbon steel and stainless steel, and are easy to install.

If you require any size or material options not listed in the catalogue, kindly contact your distributor.





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**STRAIGHT ADAPTOR
BSPP MALE 60° CONE**

PART NUMBER	THREAD	THREAD
BI60-6000-02-02	1/8" BSPP	1/8" BSPP
BI60-6000-04-02	1/4" BSPP	1/8" BSPP
BI60-6000-04-04	1/4" BSPP	1/4" BSPP
BI60-6000-06-02	3/8" BSPP	1/8" BSPP
BI60-6000-06-04	3/8" BSPP	1/4" BSPP
BI60-6000-06-06	3/8" BSPP	3/8" BSPP
BI60-6000-08-02	1/2" BSPP	1/8" BSPP
BI60-6000-08-04	1/2" BSPP	1/4" BSPP
BI60-6000-08-06	1/2" BSPP	3/8" BSPP
BI60-6000-08-08	1/2" BSPP	1/2" BSPP
BI60-6000-10-04	5/8" BSPP	1/4" BSPP
BI60-6000-10-06	5/8" BSPP	3/8" BSPP
BI60-6000-10-08	5/8" BSPP	1/2" BSPP
BI60-6000-10-10	5/8" BSPP	5/8" BSPP
BI60-6000-12-04	3/4" BSPP	1/4" BSPP
BI60-6000-12-06	3/4" BSPP	3/8" BSPP
BI60-6000-12-08	3/4" BSPP	1/2" BSPP
BI60-6000-12-10	3/4" BSPP	5/8" BSPP
BI60-6000-12-12	3/4" BSPP	3/4" BSPP
BI60-6000-16-04	1" BSPP	1/4" BSPP
BI60-6000-16-06	1" BSPP	3/8" BSPP
BI60-6000-16-08	1" BSPP	1/2" BSPP
BI60-6000-16-10	1" BSPP	5/8" BSPP
BI60-6000-16-12	1" BSPP	3/4" BSPP
BI60-6000-16-16	1" BSPP	1" BSPP
BI60-6000-20-04	1 1/4" BSPP	1/4" BSPP
BI60-6000-20-06	1 1/4" BSPP	3/8" BSPP
BI60-6000-20-08	1 1/4" BSPP	1/2" BSPP
BI60-6000-20-10	1 1/4" BSPP	5/8" BSPP
BI60-6000-20-12	1 1/4" BSPP	3/4" BSPP
BI60-6000-20-16	1 1/4" BSPP	1" BSPP
BI60-6000-20-20	1 1/4" BSPP	1 1/4" BSPP
BI60-6000-24-04	1 1/2" BSPP	1/4" BSPP
BI60-6000-24-06	1 1/2" BSPP	3/8" BSPP
BI60-6000-24-08	1 1/2" BSPP	1/2" BSPP
BI60-6000-24-12	1 1/2" BSPP	3/4" BSPP
BI60-6000-24-16	1 1/2" BSPP	1" BSPP
BI60-6000-24-20	1 1/2" BSPP	1 1/4" BSPP
BI60-6000-24-24	1 1/2" BSPP	1 1/2" BSPP
BI60-6000-32-08	2" BSPP	3/8" BSPP
BI60-6000-32-12	2" BSPP	1/2" BSPP
BI60-6000-32-16	2" BSPP	3/4" BSPP
BI60-6000-32-20	2" BSPP	1" BSPP
BI60-6000-32-24	2" BSPP	1 1/4" BSPP
BI60-6000-32-32	2" BSPP	1 1/2" BSPP



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**STRAIGHT ADAPTOR
BSPP MALE 60° CONE / BSPT MALE**

PART NUMBER	THREAD	THREAD
BI60-6001-02-02	1/8" BSPP	1/8" BSPT
BI60-6001-02-04	1/8" BSPP	1/4" BSPT
BI60-6001-02-06	1/8" BSPP	3/8" BSPT
BI60-6001-02-08	1/8" BSPP	1/2" BSPT
BI60-6001-04-02	1/4" BSPP	1/8" BSPT
BI60-6001-04-04	1/4" BSPP	1/4" BSPT
BI60-6001-04-06	1/4" BSPP	3/8" BSPT
BI60-6001-04-08	1/4" BSPP	1/2" BSPT
BI60-6001-04-12	1/4" BSPP	3/4" BSPT
BI60-6001-06-02	3/8" BSPP	1/8" BSPT
BI60-6001-06-04	3/8" BSPP	1/4" BSPT
BI60-6001-06-06	3/8" BSPP	3/8" BSPT
BI60-6001-06-08	3/8" BSPP	1/2" BSPT
BI60-6001-06-12	3/8" BSPP	3/4" BSPT
BI60-6001-06-16	3/8" BSPP	1" BSPT
BI60-6001-08-02	1/2" BSPP	1/8" BSPT
BI60-6001-08-04	1/2" BSPP	1/4" BSPT
BI60-6001-08-06	1/2" BSPP	3/8" BSPT
BI60-6001-08-08	1/2" BSPP	1/2" BSPT
BI60-6001-08-10	1/2" BSPP	5/8" BSPT
BI60-6001-08-12	1/2" BSPP	3/4" BSPT
BI60-6001-08-16	1/2" BSPP	1" BSPT
BI60-6001-10-06	5/8" BSPP	3/8" BSPT
BI60-6001-10-08	5/8" BSPP	1/2" BSPT
BI60-6001-10-10	5/8" BSPP	5/8" BSPT
BI60-6001-10-12	5/8" BSPP	3/4" BSPT
BI60-6001-12-04	3/4" BSPP	1/4" BSPT
BI60-6001-12-06	3/4" BSPP	3/8" BSPT
BI60-6001-12-08	3/4" BSPP	1/2" BSPT
BI60-6001-12-10	3/4" BSPP	5/8" BSPT
BI60-6001-12-12	3/4" BSPP	3/4" BSPT
BI60-6001-12-16	3/4" BSPP	1" BSPT
BI60-6001-12-20	3/4" BSPP	1 1/4" BSPT
BI60-6001-12-24	3/4" BSPP	1 1/2" BSPT
BI60-6001-16-04	1" BSPP	1/4" BSPT
BI60-6001-16-06	1" BSPP	3/8" BSPT
BI60-6001-16-08	1" BSPP	1/2" BSPT
BI60-6001-16-10	1" BSPP	5/8" BSPT
BI60-6001-16-12	1" BSPP	3/4" BSPT
BI60-6001-16-16	1" BSPP	1" BSPT
BI60-6001-16-20	1" BSPP	1 1/4" BSPT
BI60-6001-16-24	1" BSPP	1 1/2" BSPT
BI60-6001-16-32	1" BSPP	2" BSPT
BI60-6001-20-12	1 1/4" BSPP	3/4" BSPT
BI60-6001-20-16	1 1/4" BSPP	1" BSPT
BI60-6001-20-20	1 1/4" BSPP	1 1/4" BSPT
BI60-6001-20-24	1 1/4" BSPP	1 1/2" BSPT
BI60-6001-20-32	1 1/4" BSPP	2" BSPT
BI60-6001-24-16	1 1/2" BSPP	1" BSPT
BI60-6001-24-20	1 1/2" BSPP	1 1/4" BSPT
BI60-6001-24-24	1 1/2" BSPP	1 1/2" BSPT
BI60-6001-24-32	1 1/2" BSPP	2" BSPT
BI60-6001-32-16	2" BSPP	1" BSPT
BI60-6001-32-20	2" BSPP	1 1/4" BSPT
BI60-6001-32-24	2" BSPP	1 1/2" BSPT
BI60-6001-32-32	2" BSPP	2" BSPT

New



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STRAIGHT ADAPTOR
BSPP MALE 60° CONE / NPT MALE

PART NUMBER	THREAD	THREAD
BI60-6002-02-02	1/8" BSPP	1/8" NPT
BI60-6002-02-04	1/8" BSPP	1/4" NPT
BI60-6002-04-02	1/4" BSPP	1/8" NPT
BI60-6002-04-04	1/4" BSPP	1/4" NPT
BI60-6002-04-06	1/4" BSPP	3/8" NPT
BI60-6002-04-08	1/4" BSPP	1/2" NPT
BI60-6002-06-04	3/8" BSPP	1/4" NPT
BI60-6002-06-06	3/8" BSPP	3/8" NPT
BI60-6002-06-08	3/8" BSPP	1/2" NPT
BI60-6002-08-04	1/2" BSPP	1/4" NPT
BI60-6002-08-06	1/2" BSPP	3/8" NPT
BI60-6002-08-08	1/2" BSPP	1/2" NPT
BI60-6002-08-12	1/2" BSPP	3/4" NPT
BI60-6002-08-16	1/2" BSPP	1" NPT
BI60-6002-12-08	3/4" BSPP	1/2" NPT
BI60-6002-12-12	3/4" BSPP	3/4" NPT
BI60-6002-12-16	3/4" BSPP	1" NPT
BI60-6002-16-08	1" BSPP	1/2" NPT
BI60-6002-16-12	1" BSPP	3/4" NPT
BI60-6002-16-16	1" BSPP	1" NPT
BI60-6002-16-20	1" BSPP	1 1/4" NPT
BI60-6002-20-16	1 1/4" BSPP	1" NPT
BI60-6002-20-20	1 1/4" BSPP	1 1/4" NPT
BI60-6002-20-24	1 1/4" BSPP	1 1/2" NPT
BI60-6002-24-20	1 1/2" BSPP	1 1/4" NPT
BI60-6002-24-24	1 1/2" BSPP	1 1/2" NPT
BI60-6002-32-32	2" BSPP	2" NPT

New



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STRAIGHT ADAPTOR
BSPP MALE 60° CONE / METRIC MALE

PART NUMBER	THREAD	THREAD
BI60-6015-04-10	1/4" BSPP	M10 x 1.5 mm
BI60-6015-04-12	1/4" BSPP	M12 x 1.5 mm
BI60-6015-04-14	1/4" BSPP	M14 x 1.5 mm
BI60-6015-04-16	1/4" BSPP	M16 x 1.5 mm
BI60-6015-04-18	1/4" BSPP	M18 x 1.5 mm
BI60-6015-04-20	1/4" BSPP	M20 x 1.5 mm
BI60-6015-04-22	1/4" BSPP	M22 x 1.5 mm
BI60-6015-06-12	3/8" BSPP	M12 x 1.5 mm
BI60-6015-06-14	3/8" BSPP	M14 x 1.5 mm
BI60-6015-06-16	3/8" BSPP	M16 x 1.5 mm
BI60-6015-06-18	3/8" BSPP	M18 x 1.5 mm
BI60-6015-06-20	3/8" BSPP	M20 x 1.5 mm
BI60-6015-06-22	3/8" BSPP	M22 x 1.5 mm
BI60-6015-06-24	3/8" BSPP	M24 x 1.5 mm
BI60-6015-08-12	1/2" BSPP	M12 x 1.5 mm
BI60-6015-08-14	1/2" BSPP	M14 x 1.5 mm
BI60-6015-08-16	1/2" BSPP	M16 x 1.5 mm
BI60-6015-08-18	1/2" BSPP	M18 x 1.5 mm
BI60-6015-08-20	1/2" BSPP	M20 x 1.5 mm
BI60-6015-08-22	1/2" BSPP	M22 x 1.5 mm
BI60-6015-08-24	1/2" BSPP	M24 x 1.5 mm
BI60-6015-08-26	1/2" BSPP	M26 x 1.5 mm
BI60-6015-12-16	3/4" BSPP	M16 x 1.5 mm
BI60-6015-12-18	3/4" BSPP	M18 x 1.5 mm
BI60-6015-12-20	3/4" BSPP	M20 x 1.5 mm
BI60-6015-12-22	3/4" BSPP	M22 x 1.5 mm
BI60-6015-12-24	3/4" BSPP	M24 x 1.5 mm
BI60-6015-12-26	3/4" BSPP	M26 x 1.5 mm
BI60-6015-12-30	3/4" BSPP	M30 x 1.5 mm
BI60-6015-16-22	1" BSPP	M22 x 1.5 mm
BI60-6015-16-26	1" BSPP	M26 x 1.5 mm
BI60-6015-16-30	1" BSPP	M30 x 1.5 mm
BI60-6015-16-38	1" BSPP	M38 x 1.5 mm

New



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STRAIGHT ADAPTOR
BSPP MALE 60° CONE / JIC MALE

PART NUMBER	THREAD	THREAD
BI60-6017-04-04	1/4" BSPP	7/16" JIC
BI60-6017-04-06	1/4" BSPP	9/16" JIC
BI60-6017-04-08	1/4" BSPP	3/4" JIC
BI60-6017-06-04	3/8" BSPP	7/16" JIC
BI60-6017-06-06	3/8" BSPP	9/16" JIC
BI60-6017-06-08	3/8" BSPP	3/4" JIC
BI60-6017-08-06	1/2" BSPP	9/16" JIC
BI60-6017-08-08	1/2" BSPP	3/4" JIC
BI60-6017-12-12	3/4" BSPP	1 1/16" JIC
BI60-6017-12-16	3/4" BSPP	1 5/16" JIC
BI60-6017-16-12	1" BSPP	1 1/16" JIC
BI60-6017-16-16	1" BSPP	1 5/16" JIC
BI60-6017-16-20	1" BSPP	1 5/8" JIC
BI60-6017-20-16	1 1/4" BSPP	1 5/16" JIC
BI60-6017-20-20	1 1/4" BSPP	1 5/8" JIC
BI60-6017-20-24	1 1/4" BSPP	1 7/8" JIC
BI60-6017-24-20	1 1/2" BSPP	1 5/8" JIC
BI60-6017-24-24	1 1/2" BSPP	1 7/8" JIC
BI60-6017-32-32	2" BSPP	2 1/2" JIC

New



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STRAIGHT ADAPTOR
BSPT MALE

PART NUMBER	THREAD	THREAD
BI60-6018-02-02	1/8" BSPT	1/8" BSPT
BI60-6018-04-02	1/8" BSPT	1/4" BSPT
BI60-6018-04-04	1/4" BSPT	1/4" BSPT
BI60-6018-06-02	3/8" BSPT	1/8" BSPT
BI60-6018-06-04	3/8" BSPT	1/4" BSPT
BI60-6018-06-06	3/8" BSPT	3/8" BSPT
BI60-6018-08-04	1/2" BSPT	1/4" BSPT
BI60-6018-08-06	1/2" BSPT	3/8" BSPT
BI60-6018-08-08	1/2" BSPT	1/2" BSPT
BI60-6018-10-10	5/8" BSPT	5/8" BSPT
BI60-6018-12-08	3/4" BSPT	1/2" BSPT
BI60-6018-12-12	3/4" BSPT	3/4" BSPT
BI60-6018-16-12	1" BSPT	3/4" BSPT
BI60-6018-16-16	1" BSPT	1" BSPT
BI60-6018-16-20	1" BSPT	1 1/4" BSPT
BI60-6018-20-20	1 1/4" BSPT	1 1/4" BSPT
BI60-6018-24-24	1 1/2" BSPT	1 1/2" BSPT
BI60-6018-32-32	2" BSPT	2" BSPT

New



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**STRAIGHT ADAPTOR
METRIC MALE**

PART NUMBER	THREAD	THREAD
BI60-6016-10-10	M10 x 1.5 mm	M10 x 1.5 mm
BI60-6016-10-12	M10 x 1.5 mm	M12 x 1.5 mm
BI60-6016-12-12	M12 x 1.5 mm	M12 x 1.5 mm
BI60-6016-12-14	M12 x 1.5 mm	M14 x 1.5 mm
BI60-6016-12-16	M12 x 1.5 mm	M16 x 1.5 mm
BI60-6016-12-18	M12 x 1.5 mm	M18 x 1.5 mm
BI60-6016-14-14	M14 x 1.5 mm	M14 x 1.5 mm
BI60-6016-14-16	M14 x 1.5 mm	M16 x 1.5 mm
BI60-6016-14-18	M14 x 1.5 mm	M18 x 1.5 mm
BI60-6016-14-20	M14 x 1.5 mm	M20 x 1.5 mm
BI60-6016-14-22	M14 x 1.5 mm	M22 x 1.5 mm
BI60-6016-16-16	M16 x 1.5 mm	M16 x 1.5 mm
BI60-6016-16-18	M16 x 1.5 mm	M18 x 1.5 mm
BI60-6016-16-20	M16 x 1.5 mm	M20 x 1.5 mm
BI60-6016-16-22	M16 x 1.5 mm	M22 x 1.5 mm
BI60-6016-16-26	M16 x 1.5 mm	M26 x 1.5 mm
BI60-6016-18-18	M18 x 1.5 mm	M18 x 1.5 mm
BI60-6016-18-20	M18 x 1.5 mm	M20 x 1.5 mm
BI60-6016-18-22	M18 x 1.5 mm	M22 x 1.5 mm
BI60-6016-18-24	M18 x 1.5 mm	M24 x 1.5 mm
BI60-6016-18-26	M18 x 1.5 mm	M26 x 1.5 mm
BI60-6016-20-20	M20 x 1.5 mm	M20 x 1.5 mm
BI60-6016-20-22	M20 x 1.5 mm	M22 x 1.5 mm
BI60-6016-20-24	M20 x 1.5 mm	M24 x 1.5 mm
BI60-6016-22-22	M22 x 1.5 mm	M22 x 1.5 mm
BI60-6016-22-24	M22 x 1.5 mm	M24 x 1.5 mm
BI60-6016-22-26	M22 x 1.5 mm	M26 x 1.5 mm
BI60-6016-22-30	M22 x 1.5 mm	M30 x 1.5 mm
BI60-6016-24-24	M24 x 1.5 mm	M24 x 1.5 mm
BI60-6016-26-26	M26 x 1.5 mm	M26 x 1.5 mm
BI60-6016-30-30	M30 x 1.5 mm	M30 x 1.5 mm
BI60-6016-30-38	M30 x 1.5 mm	M38 x 1.5 mm

New



8005

**BULKHEAD
BSPP MALE**

PART NUMBER	THREAD
BI60-6003-02-02	1/8" BSPP
BI60-6003-04-04	1/4" BSPP
BI60-6003-06-06	3/8" BSPP
BI60-6003-08-08	1/2" BSPP
BI60-6003-10-10	5/8" BSPP
BI60-6003-12-12	3/4" BSPP
BI60-6003-16-16	1" BSPP
BI60-6003-20-20	1 1/4" BSPP
BI60-6003-24-24	1 1/2" BSPP
BI60-6003-32-32	2" BSPP

New



8005

**STRAIGHT ADAPTOR
BSPP MALE 60° CONE /
BSPP SWIVEL FEMALE**

PART NUMBER	MALE THREAD	FEMALE THREAD
BI60-6007-DIN-02-02	1/8" BSPP	1/8" BSPP
BI60-6007-DIN-02-04	1/8" BSPP	1/4" BSPP
BI60-6007-DIN-04-04	1/4" BSPP	1/4" BSPP
BI60-6007-DIN-04-06	1/4" BSPP	3/8" BSPP
BI60-6007-DIN-06-06	3/8" BSPP	3/8" BSPP
BI60-6007-DIN-06-08	3/8" BSPP	1/2" BSPP
BI60-6007-DIN-08-08	1/2" BSPP	1/2" BSPP
BI60-6007-DIN-08-12	1/2" BSPP	3/4" BSPP
BI60-6007-DIN-12-12	3/4" BSPP	3/4" BSPP
BI60-6007-DIN-16-16	1" BSPP	1" BSPP
BI60-6007-DIN-20-20	1 1/4" BSPP	1 1/4" BSPP
BI60-6007-DIN-24-24	1 1/2" BSPP	1 1/2" BSPP
BI60-6007-DIN-32-32	2" BSPP	2" BSPP

New



8005

**STRAIGHT ADAPTOR
BSPP SWIVEL FEMALE**

PART NUMBER	THREAD	THREAD
BI60-6008-04-04	1/4" BSPP	1/4" BSPP
BI60-6008-06-04	3/8" BSPP	1/4" BSPP
BI60-6008-06-06	3/8" BSPP	3/8" BSPP
BI60-6008-08-04	1/2" BSPP	1/4" BSPP
BI60-6008-08-06	1/2" BSPP	3/8" BSPP
BI60-6008-08-08	1/2" BSPP	1/2" BSPP
BI60-6008-12-06	3/4" BSPP	3/8" BSPP
BI60-6008-12-08	3/4" BSPP	1/2" BSPP
BI60-6008-12-12	3/4" BSPP	3/4" BSPP
BI60-6008-16-08	1" BSPP	1/2" BSPP
BI60-6008-16-12	1" BSPP	3/4" BSPP
BI60-6008-16-16	1" BSPP	1" BSPP
BI60-6008-20-12	1 1/4" BSPP	3/4" BSPP
BI60-6008-20-16	1 1/4" BSPP	1" BSPP
BI60-6008-20-20	1 1/4" BSPP	1 1/4" BSPP
BI60-6008-24-20	1 1/2" BSPP	1 1/4" BSPP
BI60-6008-24-24	1 1/2" BSPP	1 1/2" BSPP
BI60-6008-32-24	2" BSPP	1 1/2" BSPP
BI60-6008-32-32	2" BSPP	2" BSPP

New

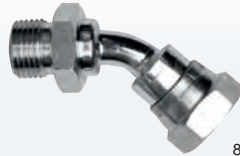


8005

**FIXED STRAIGHT ADAPTOR
BSPP FEMALE**

PART NUMBER	THREAD	THREAD
BI60-6022-02-02	1/8" BSPP	1/8" BSPP
BI60-6022-02-04	1/8" BSPP	1/4" BSPP
BI60-6022-04-04	1/4" BSPP	1/4" BSPP
BI60-6022-02-06	1/8" BSPP	3/8" BSPP
BI60-6022-04-06	1/4" BSPP	3/8" BSPP
BI60-6022-06-06	3/8" BSPP	3/8" BSPP
BI60-6022-02-08	1/8" BSPP	1/2" BSPP
BI60-6022-04-08	1/4" BSPP	1/2" BSPP
BI60-6022-06-08	3/8" BSPP	1/2" BSPP
BI60-6022-08-08	1/2" BSPP	1/2" BSPP
BI60-6022-08-10	1/2" BSPP	5/8" BSPP
BI60-6022-10-10	5/8" BSPP	5/8" BSPP
BI60-6022-06-12	3/8" BSPP	3/4" BSPP
BI60-6022-08-12	1/2" BSPP	3/4" BSPP
BI60-6022-10-12	5/8" BSPP	3/4" BSPP
BI60-6022-12-12	3/4" BSPP	3/4" BSPP
BI60-6022-08-16	1/2" BSPP	1" BSPP
BI60-6022-12-16	3/4" BSPP	1" BSPP
BI60-6022-16-16	1" BSPP	1" BSPP

New



**45° SWEEP ELBOW
BSPP MALE / BSPP FEMALE**

8005

PART NUMBER	THREAD
BI60-6011-04-04	1/4" BSPP
BI60-6011-06-06	3/8" BSPP
BI60-6011-08-08	1/2" BSPP
BI60-6011-10-10	5/8" BSPP
BI60-6011-12-12	3/4" BSPP
BI60-6011-16-16	1" BSPP
BI60-6011-20-20	1 1/4" BSPP
BI60-6011-24-24	1 1/2" BSPP
BI60-6011-32-32	2" BSPP

New



**45° SWEEP ELBOW
BSPP FEMALE**

8005

PART NUMBER	THREAD
BI60-6012-04-04	1/4" BSPP
BI60-6012-06-06	3/8" BSPP
BI60-6012-08-08	1/2" BSPP
BI60-6012-10-10	5/8" BSPP
BI60-6012-12-12	3/4" BSPP
BI60-6012-16-16	1" BSPP
BI60-6012-20-20	1 1/4" BSPP
BI60-6012-24-24	1 1/2" BSPP
BI60-6012-32-32	2" BSPP

New



**90° SWEEP ELBOW
BSPP MALE / BSPP FEMALE**

8005

PART NUMBER	THREAD
BI60-6009-04-04	1/4" BSPP
BI60-6009-06-06	3/8" BSPP
BI60-6009-08-08	1/2" BSPP
BI60-6009-10-10	5/8" BSPP
BI60-6009-12-12	3/4" BSPP
BI60-6009-16-16	1" BSPP
BI60-6009-20-20	1 1/4" BSPP
BI60-6009-24-24	1 1/2" BSPP
BI60-6009-32-32	2" BSPP

New



**90° SWEEP ELBOW
BSPP FEMALE**

8005

PART NUMBER	THREAD
BI60-6010-04-04	1/4" BSPP
BI60-6010-06-06	3/8" BSPP
BI60-6010-08-08	1/2" BSPP
BI60-6010-10-10	5/8" BSPP
BI60-6010-12-12	3/4" BSPP
BI60-6010-16-16	1" BSPP
BI60-6010-20-20	1 1/4" BSPP
BI60-6010-24-24	1 1/2" BSPP
BI60-6010-32-32	2" BSPP

New



**90° COMPACT ELBOW
BSPP FEMALE**

8005

PART NUMBER	THREAD
BI60-2005-04-04	1/4" BSPP
BI60-2005-06-06	3/8" BSPP
BI60-2005-08-08	1/2" BSPP
BI60-2005-12-12	3/4" BSPP
BI60-2005-16-16	1" BSPP
BI60-2005-20-20	1 1/4" BSPP
BI60-2005-24-24	1 1/2" BSPP
BI60-2005-32-32	2" BSPP

New



**90° COMPACT ELBOW
BSPP MALE 60° CONE**

8005

PART NUMBER	THREAD
BI60-2003-04-04	1/4" BSPP
BI60-2003-06-06	3/8" BSPP
BI60-2003-08-08	1/2" BSPP
BI60-2003-12-12	3/4" BSPP
BI60-2003-16-16	1" BSPP
BI60-2003-20-20	1 1/4" BSPP
BI60-2003-24-24	1 1/2" BSPP
BI60-2003-32-32	2" BSPP

New



**90° COMPACT ELBOW
BSPP MALE / BSPP FEMALE**

8005

PART NUMBER	THREAD
BI60-2006-BS-04-04	1/4" BSPP
BI60-2006-BS-06-06	3/8" BSPP
BI60-2006-BS-08-08	1/2" BSPP
BI60-2006-BS-12-12	3/4" BSPP
BI60-2006-BS-16-16	1" BSPP
BI60-2006-BS-20-20	1 1/4" BSPP
BI60-2006-BS-24-24	1 1/2" BSPP
BI60-2006-BS-32-32	2" BSPP

New



**90° COMPACT ADJUSTABLE ELBOW
BSPP MALE**

8005

PART NUMBER	THREAD
BI60-2008-04-04	1/4" BSPP
BI60-2008-06-06	3/8" BSPP
BI60-2008-08-08	1/2" BSPP
BI60-2008-12-12	3/4" BSPP
BI60-2008-16-16	1" BSPP
BI60-2008-20-20	1 1/4" BSPP
BI60-2008-24-24	1 1/2" BSPP
BI60-2008-32-32	2" BSPP

New

BRANCH TEE
BSPP MALE /
BSPP SWIVEL FEMALE



8005

PART NUMBER	THREAD
BI60-3002-04-04-04	1/4" BSPP
BI60-3002-06-06-06	3/8" BSPP
BI60-3002-08-08-08	1/2" BSPP
BI60-3002-12-12-12	3/4" BSPP
BI60-3002-16-16-16	1" BSPP
BI60-3002-20-20-20	1 1/4" BSPP
BI60-3002-24-24-24	1 1/2" BSPP
BI60-3002-32-32-32	2" BSPP

New

EQUAL TEE
BSPP SWIVEL FEMALE



8005

PART NUMBER	THREAD
BI60-3004-02-02-02	1/8" BSPP
BI60-3004-04-04-04	1/4" BSPP
BI60-3004-06-06-06	3/8" BSPP
BI60-3004-08-08-08	1/2" BSPP
BI60-3004-12-12-12	3/4" BSPP
BI60-3004-16-16-16	1" BSPP
BI60-3004-20-20-20	1 1/4" BSPP
BI60-3004-24-24-24	1 1/2" BSPP
BI60-3004-32-32-32	2" BSPP

New

BRANCH TEE
BSPP MALE /
BSPP SWIVEL FEMALE



8005

PART NUMBER	THREAD
BI60-3007-04-04-04	1/4" BSPP
BI60-3007-06-06-06	3/8" BSPP
BI60-3007-08-08-08	1/2" BSPP
BI60-3007-12-12-12	3/4" BSPP
BI60-3007-16-16-16	1" BSPP
BI60-3007-20-20-20	1 1/4" BSPP
BI60-3007-24-24-24	1 1/2" BSPP

New

EQUAL TEE
BSPP MALE



8005

PART NUMBER	THREAD
BI60-3001-04-04-04	1/4" BSPP
BI60-3001-06-06-06	3/8" BSPP
BI60-3001-08-08-08	1/2" BSPP
BI60-3001-12-12-12	3/4" BSPP
BI60-3001-16-16-16	1" BSPP
BI60-3001-20-20-20	1 1/4" BSPP
BI60-3001-24-24-24	1 1/2" BSPP
BI60-3001-32-32-32	2" BSPP

New

BRANCH TEE
BSPP MALE /
BSPP SWIVEL FEMALE



8005

PART NUMBER	THREAD
BI60-3003-04-04-04	1/4" BSPP
BI60-3003-06-06-06	3/8" BSPP
BI60-3003-08-08-08	1/2" BSPP
BI60-3003-12-12-12	3/4" BSPP
BI60-3003-16-16-16	1" BSPP
BI60-3003-20-20-20	1 1/4" BSPP
BI60-3003-24-24-24	1 1/2" BSPP
BI60-3003-32-32-32	2" BSPP

New

EQUAL TEE
BSPP MALE /
FEMALE / FEMALE



8005

PART NUMBER	THREAD
BI60-3006-04-04-04	1/4" BSPP
BI60-3006-06-06-06	3/8" BSPP
BI60-3006-08-08-08	1/2" BSPP
BI60-3006-12-12-12	3/4" BSPP
BI60-3006-16-16-16	1" BSPP
BI60-3006-20-20-20	1 1/4" BSPP

New

PLUG
BSPP MALE 60° CONE



8005

PART NUMBER	THREAD
BI60-6006-DIN-02	1/8" BSPP
BI60-6006-DIN-04	1/4" BSPP
BI60-6006-DIN-06	3/8" BSPP
BI60-6006-DIN-08	1/2" BSPP
BI60-6006-DIN-10	5/8" BSPP
BI60-6006-DIN-12	3/4" BSPP
BI60-6006-DIN-16	1" BSPP
BI60-6006-DIN-20	1 1/4" BSPP
BI60-6006-DIN-24	1 1/2" BSPP
BI60-6006-DIN-32	2" BSPP

New

CAP
BSPP SWIVEL FEMALE



8005

PART NUMBER	THREAD
BI60-6005-02	1/8" BSPP
BI60-6005-04	1/4" BSPP
BI60-6005-06	3/8" BSPP
BI60-6005-08	1/2" BSPP
BI60-6005-10	5/8" BSPP
BI60-6005-12	3/4" BSPP
BI60-6005-16	1" BSPP
BI60-6005-20	1 1/4" BSPP
BI60-6005-24	1 1/2" BSPP
BI60-6005-32	2" BSPP



Burnett & Hillman Hydraulic Adaptors

Conformity

All hydraulic fittings and adaptors are manufactured from steel:

- BSEN 10277: 3: 1999 230M07Pb
- BSEN 10277: 3: 11SMnPb37 European Standard
- BSP Adaptor Dimensions compatible with ISO 8434-6/BS5200
- BSP Adaptors DIN Spec to DIN 3852 Form A:2002
- BSP Parallel Threads to BSENISO228-1:2003
- BSPT Threads to BSEN 10226-1:2004
- JIC and SAE Threads to B.S. 1580:2007
- METRIC Threads to B.S. 3643 Pt 2:2007
- NPTF Threads to ANSI B1 20.3:1991
- JIC Fittings to SAE J514 2004 or ISO 8434-2:2007
- Electro Plating to BSEN12329:2000 Fe/Zn8/CaT2

The buyer is responsible for ensuring that these adaptors suit the intended purpose. The manufacturer cannot be held accountable for any issues arising from incorrect, insufficient, or improper installation, such as wrong torque values, pressure requirements, mismatched threads, or dry and unoled threads.

Reach Compliance

REACH and RoHS(2) Compliance Declaration

Burnett and Hillman are dedicated to supplying high-quality hydraulic adaptors that meet environmental regulations, including RoHS (Restriction of Hazardous Substances) Directive, E.U. Directive 2002/95EC, and REACH (Registration, Authorisation and Restriction of Chemicals), E.U. Regulation (E.C.) 1907/2006.

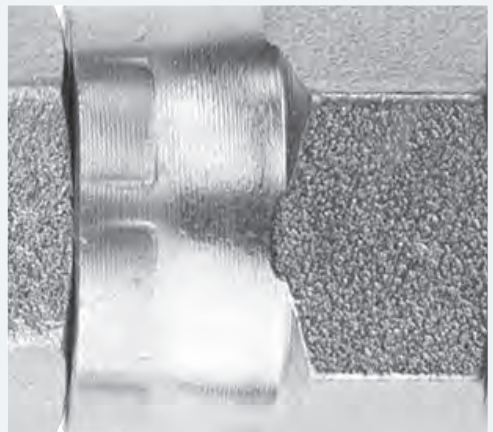
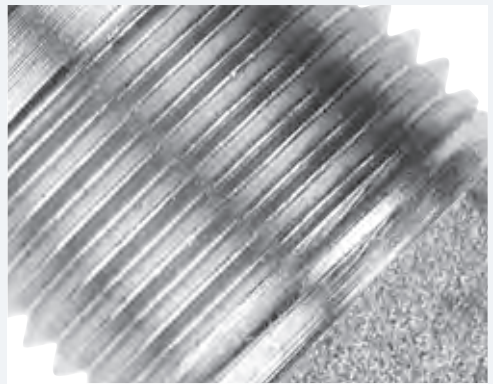
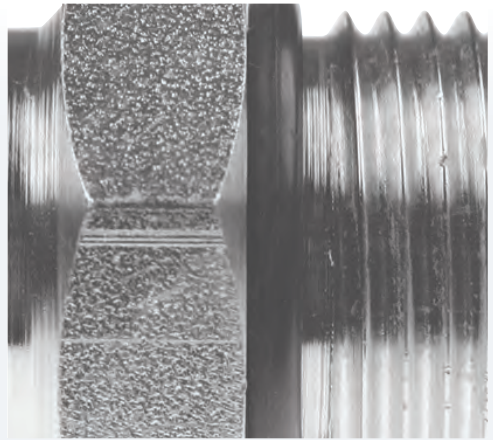
Unless otherwise agreed, all materials used for parts manufactured or supplied by Burnett and Hillman, comply with the relevant RoHS and REACH threshold limits.

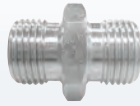
Pressure Ratings

The working Pressures listed should be used as a guide only, not as a 'standard' or 'specification'.

Adaptor pressure ratings apply to bore size only.

Nominal Bore Dia.		Design Working Pressure		Proof Pressure		Over Pressure	
mm	ins	bar	psi	bar	psi	bar	psi
5	1/8	350	5145	525	7718	1400	20580
6.3	1/4	450	6500	675	9750	1520	22000
10	3/8	380	5500	570	8250	1310	19000
12.5	1/2	310	4500	465	6750	1100	16000
14.25	9/16	289	4250	434	6375	964	14170
16	5/8	280	4000	420	6000	850	12350
19	3/4	240	3500	360	5250	750	11000
25	1	210	3000	315	4500	675	9750
31.5	1 1/4	170	2500	255	3750	530	7700
37.5	1 1/2	136	2000	204	3000	404	5940
50	2	136	2000	204	3000	404	5940
62.5	2 1/2	84	1240	126	1860	245	3596
75	3	76	1120	114	1680	216	3170





8010



8010

**STRAIGHT ADAPTOR
BSPM MALE 60° CONE**

PART NUMBER	THREAD	THREAD
H 1B/02	1/8" BSPP	1/8" BSPP
H 1B/02-04	1/8" BSPP	1/4" BSPP
H 1B/02-06	1/8" BSPP	3/8" BSPP
H 1B/02-08	1/8" BSPP	1/2" BSPP
H 1B/04	1/4" BSPP	1/4" BSPP
H 1B/04-06	1/4" BSPP	3/8" BSPP
H 1B/04-08	1/4" BSPP	1/2" BSPP
H 1B/04-10	1/4" BSPP	5/8" BSPP
H 1B/04-12	1/4" BSPP	3/4" BSPP
H 1B/04-16	1/4" BSPP	1" BSPP
H 1B/06	3/8" BSPP	3/8" BSPP
H 1B/06-08	3/8" BSPP	1/2" BSPP
H 1B/06-10	3/8" BSPP	5/8" BSPP
H 1B/06-12	3/8" BSPP	3/4" BSPP
H 1B/06-16	3/8" BSPP	1" BSPP
H 1B/06-20	3/8" BSPP	1 1/4" BSPP
H 1B/06-24	3/8" BSPP	1 1/2" BSPP
H 1B/08	1/2" BSPP	1/2" BSPP
H 1B/08-10	1/2" BSPP	5/8" BSPP
H 1B/08-12	1/2" BSPP	3/4" BSPP
H 1B/08-16	1/2" BSPP	1" BSPP
H 1B/08-20	1/2" BSPP	1 1/4" BSPP
H 1B/08-24	1/2" BSPP	1 1/2" BSPP
H 1B/10	5/8" BSPP	5/8" BSPP
H 1B/10-12	5/8" BSPP	3/4" BSPP
H 1B/10-16	5/8" BSPP	1" BSPP
H 1B/10-20	5/8" BSPP	1 1/4" BSPP
H 1B/12	3/4" BSPP	3/4" BSPP
H 1B/12-16	3/4" BSPP	1" BSPP
H 1B/12-20	3/4" BSPP	1 1/4" BSPP
H 1B/12-24	3/4" BSPP	1 1/2" BSPP
H 1B/12-32	3/4" BSPP	2" BSPP
H 1B/16	1" BSPP	1" BSPP
H 1B/16-20	1" BSPP	1 1/4" BSPP
H 1B/16-24	1" BSPP	1 1/2" BSPP
H 1B/16-32	1" BSPP	2" BSPP
H 1B/20	1 1/4" BSPP	1 1/4" BSPP
H 1B/20-24	1 1/4" BSPP	1 1/2" BSPP
H 1B/20-32	1 1/4" BSPP	2" BSPP
H 1B/24	1 1/2" BSPP	1 1/2" BSPP
H 1B/24-32	1 1/2" BSPP	2" BSPP
H 1B/32	2" BSPP	2" BSPP

**STRAIGHT ADAPTOR
BSPP MALE 60° CONE /
BSPT MALE**

PART NUMBER	THREAD	THREAD
H 1BT/02	1/8" BSPP	1/8" BSPT
H 1BT/02-04	1/8" BSPP	1/4" BSPT
H 1BT/02-06	1/8" BSPP	3/8" BSPT
H 1BT/02-08	1/8" BSPP	1/2" BSPT
H 1BT/04-02	1/4" BSPP	1/8" BSPT
H 1BT/04	1/4" BSPP	1/4" BSPT
H 1BT/04-06	1/4" BSPP	3/8" BSPT
H 1BT/04-08	1/4" BSPP	1/2" BSPT
H 1BT/04-12	1/4" BSPP	3/4" BSPT
H 1BT/06-02	3/8" BSPP	1/8" BSPT
H 1BT/06-04	3/8" BSPP	1/4" BSPT
H 1BT/06	3/8" BSPP	3/8" BSPT
H 1BT/06-08	3/8" BSPP	1/2" BSPT
H 1BT/06-10	3/8" BSPP	5/8" BSPT
H 1BT/06-12	3/8" BSPP	3/4" BSPT
H 1BT/06-16	3/8" BSPP	1" BSPT
H 1BT/08-04	1/2" BSPP	1/4" BSPT
H 1BT/08-06	1/2" BSPP	3/8" BSPT
H 1BT/08	1/2" BSPP	1/2" BSPT
H 1BT/08-10	1/2" BSPP	5/8" BSPT
H 1BT/08-12	1/2" BSPP	3/4" BSPT
H 1BT/08-16	1/2" BSPP	1" BSPT
H 1BT/10-06	5/8" BSPP	3/8" BSPT
H 1BT/10-08	5/8" BSPP	1/2" BSPT
H 1BT/10	5/8" BSPP	5/8" BSPT
H 1BT/10-12	5/8" BSPP	3/4" BSPT
H 1BT/12-06	3/4" BSPP	3/8" BSPT
H 1BT/12-08	3/4" BSPP	1/2" BSPT
H 1BT/12-10	3/4" BSPP	5/8" BSPT
H 1BT/12	3/4" BSPP	3/4" BSPT
H 1BT/12-16	3/4" BSPP	1" BSPT
H 1BT/12-20	3/4" BSPP	1 1/4" BSPT
H 1BT/16-08	1" BSPP	1/2" BSPT
H 1BT/16-12	1" BSPP	3/4" BSPT
H 1BT/16	1" BSPP	1" BSPT
H 1BT/16-20	1" BSPP	1 1/4" BSPT
H 1BT/16-24	1" BSPP	1 1/2" BSPT
H 1BT/16-32	1" BSPP	2" BSPT
H 1BT/20-12	1 1/4" BSPP	3/4" BSPT
H 1BT/20-16	1 1/4" BSPP	1" BSPT
H 1BT/20	1 1/4" BSPP	1 1/4" BSPT
H 1BT/20-24	1 1/4" BSPP	1 1/2" BSPT
H 1BT/20-32	1 1/4" BSPP	2" BSPT
H 1BT/24-20	1 1/2" BSPP	1 1/4" BSPT
H 1BT/24	1 1/2" BSPP	1 1/2" BSPT
H 1BT/24-32	1 1/2" BSPP	2" BSPT
H 1BT/32-20	2" BSPP	1 1/4" BSPT
H 1BT/32-24	2" BSPP	1 1/2" BSPT
H 1BT/32	2" BSPP	2" BSPT



8010

**STRAIGHT ADAPTOR
BSPT MALE**

PART NUMBER	THREAD	THREAD
H 1T/02	1/8" BSPT	1/8" BSPT
H 1T/02-04	1/8" BSPT	1/4" BSPT
H 1T/04	1/4" BSPT	1/4" BSPT
H 1T/04-06	1/4" BSPT	3/8" BSPT
H 1T/04-08	1/4" BSPT	1/2" BSPT
H 1T/06	3/8" BSPT	3/8" BSPT
H 1T/06-08	3/8" BSPT	1/2" BSPT
H 1T/08	1/2" BSPT	1/2" BSPT
H 1T/08-12	1/2" BSPT	3/4" BSPT
H 1T/10	5/8" BSPT	5/8" BSPT
H 1T/12	3/4" BSPT	3/4" BSPT
H 1T/12-16	3/4" BSPT	1" BSPT
H 1T/16	1" BSPT	1" BSPT
H 1T/16-20	1" BSPT	1 1/4" BSPT
H 1T/20	1 1/4" BSPT	1 1/4" BSPT
H 1T/20-24	1 1/4" BSPT	1 1/2" BSPT
H 1T/24	1 1/2" BSPT	1 1/2" BSPT
H 1T/24-32	1 1/2" BSPT	2" BSPT
H 1T/32	2" BSPT	2" BSPT

STRAIGHT ADAPTOR BSPP MALE 60° CONE / NPTF MALE



8010

PART NUMBER	THREAD	THREAD
H 1BN/02	1/8" BSPP	1/8" NPTF
H 1BN/02-04	1/8" BSPP	1/4" NPTF
H 1BN/04-02	1/4" BSPP	1/8" NPTF
H 1BN/04	1/4" BSPP	1/4" NPTF
H 1BN/04-06	1/4" BSPP	3/8" NPTF
H 1BN/04-08	1/4" BSPP	1/2" NPTF
H 1BN/04-12	1/4" BSPP	3/4" NPTF
H 1BN/06-04	3/8" BSPP	1/4" NPTF
H 1BN/06	3/8" BSPP	3/8" NPTF
H 1BN/06-08	3/8" BSPP	1/2" NPTF
H 1BN/08-04	1/2" BSPP	1/4" NPTF
H 1BN/08-06	1/2" BSPP	3/8" NPTF
H 1BN/08	1/2" BSPP	1/2" NPTF
H 1BN/08-12	1/2" BSPP	3/4" NPTF
H 1BN/08-16	1/2" BSPP	1" NPTF
H 1BN/10-08	5/8" BSPP	1/2" NPTF
H 1BN/10-12	5/8" BSPP	3/4" NPTF
H 1BN/12-08	3/4" BSPP	1/2" NPTF
H 1BN/12	3/4" BSPP	3/4" NPTF
H 1BN/12-16	3/4" BSPP	1" NPTF
H 1BN/16-08	1" BSPP	1/2" NPTF
H 1BN/16-12	1" BSPP	3/4" NPTF
H 1BN/16	1" BSPP	1" NPTF
H 1BN/16-20	1" BSPP	1 1/4" NPTF
H 1BN/20-16	1 1/4" BSPP	1" NPTF
H 1BN/20	1 1/4" BSPP	1 1/4" NPTF
H 1BN/20-24	1 1/4" BSPP	1 1/2" NPTF
H 1BN/24-20	1 1/2" BSPP	1 1/4" NPTF
H 1BN/24	1 1/2" BSPP	1 1/2" NPTF
H 1BN/24-32	1 1/2" BSPP	2" NPTF
H 1BN/32	2" BSPP	2" NPTF

STRAIGHT ADAPTOR METRIC MALE 60° CONE / BSPP MALE 60° CONE



8010

PART NUMBER	THREAD	THREAD
H 1MB/10-04	10 mm	1/4" BSPP
H 1MB/12-02	12 mm	1/8" BSPP
H 1MB/12-04	12 mm	1/4" BSPP
H 1MB/12-06	12 mm	3/8" BSPP
H 1MB/12-08	12 mm	1/2" BSPP
H 1MB/14-04	14 mm	1/4" BSPP
H 1MB/14-06	14 mm	3/8" BSPP
H 1MB/14-08	14 mm	1/2" BSPP
H 1MB/16-04	16 mm	1/4" BSPP
H 1MB/16-06	16 mm	3/8" BSPP
H 1MB/16-08	16 mm	1/2" BSPP
H 1MB/16-12	16 mm	3/4" BSPP
H 1MB/18-04	18 mm	1/4" BSPP
H 1MB/18-06	18 mm	3/8" BSPP
H 1MB/18-08	18 mm	1/2" BSPP
H 1MB/18-10	18 mm	5/8" BSPP
H 1MB/18-12	18 mm	3/4" BSPP
H 1MB/18-16	18 mm	1" BSPP
H 1MB/20-04	20 mm	1/4" BSPP
H 1MB/20-06	20 mm	3/8" BSPP
H 1MB/20-08	20 mm	1/2" BSPP
H 1MB/20-12	20 mm	3/4" BSPP
H 1MB/22-04	22 mm	1/4" BSPP
H 1MB/22-06	22 mm	3/8" BSPP
H 1MB/22-08	22 mm	1/2" BSPP
H 1MB/22-12	22 mm	3/4" BSPP
H 1MB/22-16	22 mm	1" BSPP
H 1MB/24-06	24 mm	3/8" BSPP
H 1MB/24-08	24 mm	1/2" BSPP
H 1MB/24-12	24 mm	3/4" BSPP
H 1MB/26-06	26 mm	3/8" BSPP
H 1MB/26-08	26 mm	1/2" BSPP
H 1MB/26-12	26 mm	3/4" BSPP
H 1MB/26-16	26 mm	1" BSPP
H 1MB/30-12	30 mm	3/4" BSPP
H 1MB/30-16	30 mm	1" BSPP
H 1MB/36-16	36 mm	1" BSPP
H 1MB/38-16	38 mm	1" BSPP
H 1MB/38-20	38 mm	1 1/4" BSPP
H 1MB/38-24	38 mm	1 1/2" BSPP
H 1MB/45-24	45 mm	1 1/2" BSPP
H 1MB/45-32	45 mm	2" BSPP
H 1MB/52-32	52 mm	2" BSPP

STRAIGHT ADAPTOR METRIC MALE 60° CONE



8010

PART NUMBER	THREAD	THREAD
H 1MM/10	10 mm	10 mm
H 1MM/10-12	10 mm	12 mm
H 1MM/10-14	10 mm	14 mm
H 1MM/12	12 mm	12 mm
H 1MM/12-14	12 mm	14 mm
H 1MM/12-16	12 mm	16 mm
H 1MM/14	14 mm	14 mm
H 1MM/14-16	14 mm	16 mm
H 1MM/14-18	14 mm	18 mm
H 1MM/16	16 mm	16 mm
H 1MM/16-18	16 mm	18 mm
H 1MM/16-20	16 mm	20 mm
H 1MM/16-22	16 mm	22 mm
H 1MM/18	18 mm	18 mm
H 1MM/18-20	18 mm	20 mm
H 1MM/18-22	18 mm	22 mm
H 1MM/18-24	18 mm	24 mm
H 1MM/20	20 mm	20 mm
H 1MM/20-22	20 mm	22 mm
H 1MM/20-24	20 mm	24 mm
H 1MM/20-26	20 mm	26 mm
H 1MM/22	22 mm	22 mm
H 1MM/22-24	22 mm	24 mm
H 1MM/22-26	22 mm	26 mm
H 1MM/22-30	22 mm	30 mm
H 1MM/24	24 mm	24 mm
H 1MM/24-26	24 mm	26 mm
H 1MM/26	26 mm	26 mm
H 1MM/30	30 mm	30 mm
H 1MM/30-38	30 mm	38 mm
H 1MM/38	38 mm	38 mm

STRAIGHT ADAPTOR BSPP MALE 60° CONE / ORFS MALE



8010

PART NUMBER	THREAD	THREAD
H 1BS/04-09	1/4" BSPP	9/16" ORFS
H 1BS/06-11	3/8" BSPP	11/16" ORFS
H 1BS/08-13	1/2" BSPP	13/16" ORFS
H 1BS/08-16	1/2" BSPP	1" ORFS
H 1BS/10-19	5/8" BSPP	1 3/16" ORFS
H 1BS/12-19	3/4" BSPP	1 3/16" ORFS
H 1BS/12-23	3/4" BSPP	1 7/16" ORFS
H 1BS/16-23	1" BSPP	1 7/16" ORFS

**STRAIGHT ADAPTOR
BSPP MALE 60° CONE /
SORB MALE**



8010

PART NUMBER	THREAD	THREAD
H 1BO/02-04	1/8" BSPP	7/16" SORB
H 1BO/04	1/4" BSPP	7/16" SORB
H 1BO/04-05	1/4" BSPP	1/2" SORB
H 1BO/04-06	1/4" BSPP	9/16" SORB
H 1BO/04-08	1/4" BSPP	3/4" SORB
H 1BO/06-04	3/8" BSPP	7/16" SORB
H 1BO/06-05	3/8" BSPP	1/2" SORB
H 1BO/06	3/8" BSPP	9/16" SORB
H 1BO/06-07	3/8" BSPP	5/8" SORB
H 1BO/06-08	3/8" BSPP	3/4" SORB
H 1BO/06-10	3/8" BSPP	7/8" SORB
H 1BO/08-04	1/2" BSPP	7/16" SORB
H 1BO/08-05	1/2" BSPP	1/2" SORB
H 1BO/08-06	1/2" BSPP	9/16" SORB
H 1BO/08-07	1/2" BSPP	5/8" SORB
H 1BO/08	1/2" BSPP	3/4" SORB
H 1BO/08-10	1/2" BSPP	7/8" SORB
H 1BO/08-12	1/2" BSPP	1 1/16" SORB
H 1BO/10	5/8" BSPP	7/8" SORB
H 1BO/12-08	3/4" BSPP	3/4" SORB
H 1BO/12-10	3/4" BSPP	7/8" SORB
H 1BO/12	3/4" BSPP	1 1/16" SORB
H 1BO/12-16	3/4" BSPP	1 5/16" SORB
H 1BO/16-12	1" BSPP	1 1/16" SORB
H 1BO/16	1" BSPP	1 5/16" SORB
H 1BO/16-20	1" BSPP	1 5/8" SORB
H 1BO/20	1 1/4" BSPP	1 5/8" SORB
H 1BO/20-24	1 1/4" BSPP	1 7/8" SORB
H 1BO/24	1 1/2" BSPP	1 7/8" SORB

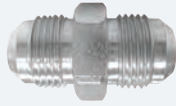
**STRAIGHT ADAPTOR
NPTF MALE**



8010

PART NUMBER	THREAD	THREAD
H 1N/02	1/8" NPTF	1/8" NPTF
H 1N/02-04	1/8" NPTF	1/4" NPTF
H 1N/04	1/4" NPTF	1/4" NPTF
H 1N/04-06	1/4" NPTF	3/8" NPTF
H 1N/04-08	1/4" NPTF	1/2" NPTF
H 1N/06	3/8" NPTF	3/8" NPTF
H 1N/06-08	3/8" NPTF	1/2" NPTF
H 1N/08	1/2" NPTF	1/2" NPTF
H 1N/08-12	1/2" NPTF	3/4" NPTF
H 1N/12	3/4" NPTF	3/4" NPTF
H 1N/12-16	3/4" NPTF	1" NPTF
H 1N/16	1" NPTF	1" NPTF
H 1N/16-20	1" NPTF	1 1/4" NPTF
H 1N/20	1 1/4" NPTF	1 1/4" NPTF
H 1N/20-24	1 1/4" NPTF	1 1/2" NPTF
H 1N/24	1 1/2" NPTF	1 1/2" NPTF
H 1N/24-32	1 1/2" NPTF	2" NPTF
H 1N/32	2" NPTF	2" NPTF

**STRAIGHT ADAPTOR
JIC MALE**



8010

PART NUMBER	THREAD	THREAD
H 1J/04	7/16" JIC	7/16" JIC
H 1J/04-05	7/16" JIC	1/2" JIC
H 1J/04-06	7/16" JIC	9/16" JIC
H 1J/04-08	7/16" JIC	3/4" JIC
H 1J/04-10	7/16" JIC	7/8" JIC
H 1J/05	1/2" JIC	1/2" JIC
H 1J/05-06	1/2" JIC	9/16" JIC
H 1J/05-10	1/2" JIC	7/8" JIC
H 1J/06	9/16" JIC	9/16" JIC
H 1J/06-08	9/16" JIC	3/4" JIC
H 1J/06-10	9/16" JIC	7/8" JIC
H 1J/06-12	9/16" JIC	1 1/16" JIC
H 1J/08	3/4" JIC	3/4" JIC
H 1J/08-10	3/4" JIC	7/8" JIC
H 1J/08-12	3/4" JIC	1 1/16" JIC
H 1J/10	7/8" JIC	7/8" JIC
H 1J/10-12	7/8" JIC	1 1/16" JIC
H 1J/12	1 1/16" JIC	1 1/16" JIC
H 1J/12-14	1 1/16" JIC	1 3/16" JIC
H 1J/12-16	1 1/16" JIC	1 5/16" JIC
H 1J/12-20	1 1/16" JIC	1 5/8" JIC
H 1J/16	1 5/16" JIC	1 5/16" JIC
H 1J/20	1 5/8" JIC	1 5/8" JIC

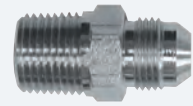
**STRAIGHT ADAPTOR
BSPT / NPTF MALE**



8010

PART NUMBER	THREAD	THREAD
H 1BNT0202	1/8" BSPT	1/8" NPTF
H 1BNT0204	1/8" BSPT	1/4" NPTF
H 1BNT0402	1/4" BSPT	1/8" NPTF
H 1BNT0404	1/4" BSPT	1/4" NPTF
H 1BNT0406	1/4" BSPT	3/8" NPTF
H 1BNT0604	3/8" BSPT	1/4" NPTF
H 1BNT0606	3/8" BSPT	3/8" NPTF
H 1BNT0608	3/8" BSPT	1/2" NPTF
H 1BNT0808	1/2" BSPT	1/2" NPTF
H 1BNT0812	1/2" BSPT	3/4" NPTF
H 1BNT1212	3/4" BSPT	3/4" NPTF
H 1BNT1216	3/4" BSPT	1" NPTF
H 1BNT1608	1" BSPT	1/2" NPTF
H 1BNT1612	1" BSPT	3/4" NPTF
H 1BNT1616	1" BSPT	1" NPTF

**STRAIGHT ADAPTOR
NPTF / JIC MALE**



8010

PART NUMBER	THREAD	THREAD
H BH00721	1/8" NPTF	1/2" JIC
H BH00722	1/8" NPTF	9/16" JIC
H BH00724	1/4" NPTF	7/16" JIC
H BH00726	1/4" NPTF	9/16" JIC
H BH00727	1/4" NPTF	3/4" JIC
H BH00729	3/8" NPTF	7/16" JIC
H BH00730	3/8" NPTF	1/2" JIC
H BH00731	3/8" NPTF	9/16" JIC
H BH00732	3/8" NPTF	3/4" JIC
H BH00733	3/8" NPTF	7/8" JIC
H BH00737	1/2" NPTF	9/16" JIC
H BH00738	1/2" NPTF	3/4" JIC
H BH00739	1/2" NPTF	7/8" JIC
H BH00740	1/2" NPTF	1 1/16" JIC

STRAIGHT ADAPTOR BSPP MALE 60° CONE / JIC MALE



8010

PART NUMBER	THREAD	THREAD
H 1BJ/02-04	1/8" BSPP	7/16" JIC
H 1BJ/02-05	1/8" BSPP	1/2" JIC
H 1BJ/02-06	1/8" BSPP	9/16" JIC
H 1BJ/04	1/4" BSPP	7/16" JIC
H 1BJ/04-05	1/4" BSPP	1/2" JIC
H 1BJ/04-06	1/4" BSPP	9/16" JIC
H 1BJ/04-08	1/4" BSPP	3/4" JIC
H 1BJ/04-10	1/4" BSPP	7/8" JIC
H 1BJ/06-04	3/8" BSPP	7/16" JIC
H 1BJ/06-05	3/8" BSPP	1/2" JIC
H 1BJ/06	3/8" BSPP	9/16" JIC
H 1BJ/06-08	3/8" BSPP	3/4" JIC
H 1BJ/06-10	3/8" BSPP	7/8" JIC
H 1BJ/06-12	3/8" BSPP	1 1/16" JIC
H 1BJ/08-04	1/2" BSPP	7/16" JIC
H 1BJ/08-05	1/2" BSPP	1/2" JIC
H 1BJ/08-06	1/2" BSPP	9/16" JIC
H 1BJ/08	1/2" BSPP	3/4" JIC
H 1BJ/08-10	1/2" BSPP	7/8" JIC
H 1BJ/08-12	1/2" BSPP	1 1/16" JIC
H 1BJ/08-16	1/2" BSPP	1 5/16" JIC
H 1BJ/10-08	5/8" BSPP	3/4" JIC
H 1BJ/10	5/8" BSPP	7/8" JIC
H 1BJ/10-12	5/8" BSPP	1 1/16" JIC
H 1BJ/12-05	3/4" BSPP	1/2" JIC
H 1BJ/12-06	3/4" BSPP	9/16" JIC
H 1BJ/12-08	3/4" BSPP	3/4" JIC
H 1BJ/12-10	3/4" BSPP	7/8" JIC
H 1BJ/12	3/4" BSPP	1 1/16" JIC
H 1BJ/12-14	3/4" BSPP	1 3/16" JIC
H 1BJ/12-16	3/4" BSPP	1 5/16" JIC
H 1BJ/16-08	1" BSPP	3/4" JIC
H 1BJ/16-10	1" BSPP	7/8" JIC
H 1BJ/16-12	1" BSPP	1 1/16" JIC
H 1BJ/16-14	1" BSPP	1 3/16" JIC
H 1BJ/16	1" BSPP	1 5/16" JIC
H 1BJ/16-20	1" BSPP	1 5/8" JIC
H 1BJ/20-12	1 1/4" BSPP	1 1/16" JIC
H 1BJ/20-16	1 1/4" BSPP	1 5/16" JIC
H 1BJ/20	1 1/4" BSPP	1 5/8" JIC
H 1BJ/20-24	1 1/4" BSPP	1 7/8" JIC
H 1BJ/24-16	1 1/2" BSPP	1 5/16" JIC
H 1BJ/24-20	1 1/2" BSPP	1 5/8" JIC
H 1BJ/24	1 1/2" BSPP	1 7/8" JIC
H 1BJ/32	2" BSPP	2 1/2" JIC

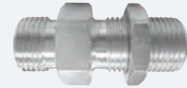
STRAIGHT ADAPTOR JIC / SORB MALE



8010

PART NUMBER	THREAD	THREAD
H 1JO/04	7/16" JIC	7/16" SORB
H 1JO/04-05	7/16" JIC	1/2" SORB
H 1JO/05-04	1/2" JIC	7/16" SORB
H 1JO/05	1/2" JIC	1/2" SORB
H 1JO/06-04	9/16" JIC	7/16" SORB
H 1JO/06-05	9/16" JIC	1/2" SORB
H 1JO/06-08	9/16" JIC	3/4" SORB
H 1JO/08-06	3/4" JIC	9/16" SORB
H 1JO/08	3/4" JIC	3/4" SORB
H 1JO/08-10	3/4" JIC	7/8" SORB
H 1JO/10-08	7/8" JIC	3/4" SORB
H 1JO/10	7/8" JIC	7/8" SORB
H 1JO/10-12	7/8" JIC	1 1/16" SORB
H 1JO/12-10	1 1/16" JIC	7/8" SORB
H 1JO/12	1 1/16" JIC	1 1/16" SORB
H 1JO/12-14	1 1/16" JIC	1 3/16" SORB
H 1JO/12-16	1 1/16" JIC	1 5/16" SORB
H 1JO/16-12	1 5/16" JIC	1 1/16" SORB
H 1JO/16	1 5/16" JIC	1 5/16" SORB
H 1JO/16-20	1 5/16" JIC	1 5/8" SORB
H 1JO/20-16	1 5/8" JIC	1 5/16" SORB
H 1JO/20	1 5/8" JIC	1 5/8" SORB
H 1JO/20-24	1 5/8" JIC	1 7/8" SORB
H 1JO/24-20	1 7/8" JIC	1 5/8" SORB
H 1JO/24	1 7/8" JIC	1 7/8" SORB
H 1JO/32-24	2 1/2" JIC	1 7/8" SORB
H 1JO/32	2 1/2" JIC	2 1/2" SORB

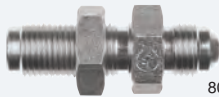
STRAIGHT ADAPTOR BSPP MALE 60° CONE BULKHEAD



8010

PART NUMBER	THREAD	THREAD
H 6B/02	1/8" BSPP	1/8" BSPP
H 6B/04	1/4" BSPP	1/4" BSPP
H 6B/06	3/8" BSPP	3/8" BSPP
H 6B/06-08	3/8" BSPP	1/2" BSPP
H 6B/08	1/2" BSPP	1/2" BSPP
H 6B/10	5/8" BSPP	5/8" BSPP
H 6B/12	3/4" BSPP	3/4" BSPP
H 6B/16	1" BSPP	1" BSPP
H 6B/20	1 1/4" BSPP	1 1/4" BSPP
H 6B/24	1 1/2" BSPP	1 1/2" BSPP
H 6B/32	2" BSPP	2" BSPP

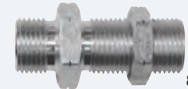
STRAIGHT ADAPTOR JIC MALE BULKHEAD



8010

PART NUMBER	THREAD
H 6J/02	3/8" JIC
H 6J/04	7/16" JIC
H 6J/05	1/2" JIC
H 6J/06	9/16" JIC
H 6J/08	3/4" JIC
H 6J/10	7/8" JIC
H 6J/12	1 1/16" JIC
H 6J/14	1 3/16" JIC
H 6J/16	1 5/16" JIC
H 6J/20	1 5/8" JIC
H 6J/24	1 7/8" JIC

STRAIGHT ADAPTOR METRIC MALE BULKHEAD



8010

PART NUMBER	THREAD
H 8MP1212	12 mm
H 8MP1414	14 mm
H 8MP1616	16 mm
H 8MP1818	18 mm
H 8MP2020	20 mm
H 8MP2222	22 mm

STRAIGHT ADAPTOR ORFS MALE



8010

PART NUMBER	THREAD
H BH9305-04-04	9/16" ORFS
H BH9305-06-06	11/16" ORFS
H BH9305-08-08	13/16" ORFS
H BH9305-10-10	1" ORFS
H BH9305-12-12	1 3/16" ORFS
H BH9305-16-16	1 7/16" ORFS
H BH9305-20-20	1 11/16" ORFS
H BH9305-24-24	2" ORFS

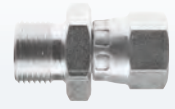
STRAIGHT ADAPTOR
BSPP MALE 60° CONE /
BSPP SWIVEL FEMALE



8010

PART NUMBER	MALE THREAD	FEMALE THREAD
H 2B/02	1/8" BSPP	1/8" BSPP
H 2B/02-04	1/8" BSPP	1/4" BSPP
H 2B/04-02	1/4" BSPP	1/8" BSPP
H 2B/04	1/4" BSPP	1/4" BSPP
H 2B/04-06	1/4" BSPP	3/8" BSPP
H 2B/04-08	1/4" BSPP	1/2" BSPP
H 2B/04-12	1/4" BSPP	3/4" BSPP
H 2B/06-02	3/8" BSPP	1/8" BSPP
H 2B/06-04	3/8" BSPP	1/4" BSPP
H 2B/06	3/8" BSPP	3/8" BSPP
H 2B/06-08	3/8" BSPP	1/2" BSPP
H 2B/06-12	3/8" BSPP	3/4" BSPP
H 2B/08-04	1/2" BSPP	1/4" BSPP
H 2B/08-06	1/2" BSPP	3/8" BSPP
H 2B/08	1/2" BSPP	1/2" BSPP
H 2B/08-10	1/2" BSPP	5/8" BSPP
H 2B/08-12	1/2" BSPP	3/4" BSPP
H 2B/08-16	1/2" BSPP	1" BSPP
H 2B/10-08	5/8" BSPP	1/2" BSPP
H 2B/10	5/8" BSPP	5/8" BSPP
H 2B/10-12	5/8" BSPP	3/4" BSPP
H 2B/12-06	3/4" BSPP	3/8" BSPP
H 2B/12-08	3/4" BSPP	1/2" BSPP
H 2B/12-10	3/4" BSPP	5/8" BSPP
H 2B/12	3/4" BSPP	3/4" BSPP
H 2B/12-16	3/4" BSPP	1" BSPP
H 2B/12-20	3/4" BSPP	1 1/4" BSPP
H 2B/16-08	1" BSPP	1/2" BSPP
H 2B/16-12	1" BSPP	3/4" BSPP
H 2B/16	1" BSPP	1" BSPP
H 2B/16-20	1" BSPP	1 1/4" BSPP
H 2B/20-16	1 1/4" BSPP	1" BSPP
H 2B/20	1 1/4" BSPP	1 1/4" BSPP
H 2B/20-24	1 1/4" BSPP	1 1/2" BSPP
H 2B/24	1 1/2" BSPP	1 1/2" BSPP
H 2B/24-32	1 1/2" BSPP	2" BSPP
H 2B/32-24	2" BSPP	1 1/2" BSPP
H 2B/32	2" BSPP	2" BSPP

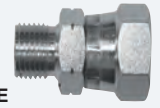
STRAIGHT ADAPTOR
BSPP MALE 60° CONE /
JIC SWIVEL FEMALE



8010

PART NUMBER	MALE THREAD	FEMALE THREAD
H 2BJ/04	1/4" BSPP	7/16" JIC
H 2BJ/04-05	1/4" BSPP	1/2" JIC
H 2BJ/04-06	1/4" BSPP	9/16" JIC
H 2BJ/04-08	1/4" BSPP	3/4" JIC
H 2BJ/06-04	3/8" BSPP	7/16" JIC
H 2BJ/06-05	3/8" BSPP	1/2" JIC
H 2BJ/06	3/8" BSPP	9/16" JIC
H 2BJ/06-08	3/8" BSPP	3/4" JIC
H 2BJ/06-10	3/8" BSPP	7/8" JIC
H 2BJ/08-05	1/2" BSPP	1/2" JIC
H 2BJ/08-06	1/2" BSPP	9/16" JIC
H 2BJ/08	1/2" BSPP	3/4" JIC
H 2BJ/08-10	1/2" BSPP	7/8" JIC
H 2BJ/10-08	5/8" BSPP	3/4" JIC
H 2BJ/10	5/8" BSPP	7/8" JIC
H 2BJ/12-08	3/4" BSPP	3/4" JIC
H 2BJ/12-10	3/4" BSPP	7/8" JIC
H 2BJ/12	3/4" BSPP	1 1/16" JIC
H 2BJ/12-14	3/4" BSPP	1 3/16" JIC
H 2BJ/12-16	3/4" BSPP	1 5/16" JIC
H 2BJ/16-12	1" BSPP	1 1/16" JIC
H 2BJ/16	1" BSPP	1 5/16" JIC
H 2BJ/20	1 1/4" BSPP	1 5/8" JIC
H 2BJ/24-20	1 1/2" BSPP	1 5/8" JIC
H 2BJ/24	1 1/2" BSPP	1 7/8" JIC

STRAIGHT ADAPTOR
METRIC MALE / BSPP SWIVEL FEMALE



8010

PART NUMBER	MALE THREAD	FEMALE THREAD
H 2MB1204	12 mm	1/4" BSPP
H 2MB1206	12 mm	3/8" BSPP
H 2MB1404	14 mm	1/4" BSPP
H 2MB1406	14 mm	3/8" BSPP
H 2MB1604	16 mm	1/4" BSPP
H 2MB1606	16 mm	3/8" BSPP
H 2MB1608	16 mm	1/2" BSPP
H 2MB1806	18 mm	3/8" BSPP
H 2MB2006	20 mm	3/8" BSPP
H 2MB2008	20 mm	1/2" BSPP
H 2MB2208	22 mm	1/2" BSPP

STRAIGHT ADAPTOR
BSPP MALE 60° CONE /
METRIC SWIVEL FEMALE



8010

PART NUMBER	MALE THREAD	FEMALE THREAD
H 2BM/04-12	1/4" BSPP	12 mm
H 2BM/04-14	1/4" BSPP	14 mm
H 2BM/04-16	1/4" BSPP	16 mm
H 2BM/06-12	3/8" BSPP	12 mm
H 2BM/06-14	3/8" BSPP	14 mm
H 2BM/06-16	3/8" BSPP	16 mm
H 2BM/06-18	3/8" BSPP	18 mm
H 2BM/06-20	3/8" BSPP	20 mm
H 2BM/08-14	1/2" BSPP	14 mm
H 2BM/08-16	1/2" BSPP	16 mm
H 2BM/08-18	1/2" BSPP	18 mm
H 2BM/08-20	1/2" BSPP	20 mm
H 2BM/08-22	1/2" BSPP	22 mm
H 2BM/08-24	1/2" BSPP	24 mm

STRAIGHT ADAPTOR
JIC MALE / JIC SWIVEL FEMALE



8010

PART NUMBER	MALE THREAD	FEMALE THREAD
H 2J/04-04	7/16" JIC	7/16" JIC
H 2J/05-05	1/2" JIC	1/2" JIC
H 2J/06-06	9/16" JIC	9/16" JIC
H 2J/08-08	3/4" JIC	3/4" JIC
H 2J/08-10	3/4" JIC	7/8" JIC
H 2J/10-10	7/8" JIC	7/8" JIC
H 2J/12-12	1 1/16" JIC	1 1/16" JIC
H 2J/14-14	1 3/16" JIC	1 3/16" JIC
H 2J/16-16	1 5/16" JIC	1 5/16" JIC
H 2J/20-20	1 5/8" JIC	1 5/8" JIC
H 2J/24-24	1 7/8" JIC	1 7/8" JIC



8010



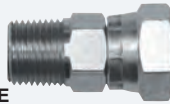
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STRAIGHT ADAPTOR
JIC MALE / BSPP SWIVEL FEMALE

PART NUMBER	MALE THREAD	FEMALE THREAD
H 2JB/04-02	7/16" JIC	1/8" BSPP
H 2JB/04	7/16" JIC	1/4" BSPP
H 2JB/05-04	1/2" JIC	1/4" BSPP
H 2JB/05-06	1/2" JIC	3/8" BSPP
H 2JB/05-08	1/2" JIC	1/2" BSPP
H 2JB/06-04	9/16" JIC	1/4" BSPP
H 2JB/06	9/16" JIC	3/8" BSPP
H 2JB/06-08	9/16" JIC	1/2" BSPP
H 2JB/08-06	3/4" JIC	3/8" BSPP
H 2JB/08	3/4" JIC	1/2" BSPP
H 2JB/10-06	7/8" JIC	3/8" BSPP
H 2JB/10-08	7/8" JIC	1/2" BSPP
H 2JB/10	7/8" JIC	5/8" BSPP
H 2JB/10-12	7/8" JIC	3/4" BSPP
H 2JB/12	1 1/16" JIC	3/4" BSPP
H 2JB/12-16	1 1/16" JIC	1" BSPP
H 2JB/14-12	1 3/16" JIC	3/4" BSPP
H 2JB/16-12	1 5/16" JIC	3/4" BSPP
H 2JB/16	1 5/16" JIC	1" BSPP
H 2JB/20	1 5/8" JIC	1 1/4" BSPP
H 2JB/20-24	1 5/8" JIC	1 1/2" BSPP
H 2JB/24	1 7/8" JIC	1 1/2" BSPP

STRAIGHT ADAPTOR
BSPP MALE 60° CONE /
BSPP FIXED FEMALE

PART NUMBER	MALE THREAD	FEMALE THREAD
H 5B/02	1/8" BSPP	1/8" BSPP
H 5B/02-04	1/8" BSPP	1/4" BSPP
H 5B/04-02	1/4" BSPP	1/8" BSPP
H 5B/04	1/4" BSPP	1/4" BSPP
H 5B/04-06	1/4" BSPP	3/8" BSPP
H 5B/04-08	1/4" BSPP	1/2" BSPP
H 5B/06-04	3/8" BSPP	1/4" BSPP
H 5B/06	3/8" BSPP	3/8" BSPP
H 5B/06-08	3/8" BSPP	1/2" BSPP
H 5B/06-12	3/8" BSPP	3/4" BSPP
H 5B/08-06	1/2" BSPP	3/8" BSPP
H 5B/08	1/2" BSPP	1/2" BSPP
H 5B/08-12	1/2" BSPP	3/4" BSPP
H 5B/08-16	1/2" BSPP	1" BSPP
H 5B/10-08	5/8" BSPP	1/2" BSPP
H 5B/10-12	5/8" BSPP	3/4" BSPP
H 5B/12-08	3/4" BSPP	1/2" BSPP
H 5B/12-10	3/4" BSPP	5/8" BSPP
H 5B/12	3/4" BSPP	3/4" BSPP
H 5B/12-16	3/4" BSPP	1" BSPP
H 5B/12-20	3/4" BSPP	1 1/4" BSPP
H 5B/16-12	1" BSPP	3/4" BSPP
H 5B/16	1" BSPP	1" BSPP
H 5B/16-20	1" BSPP	1 1/4" BSPP
H 5B/16-24	1" BSPP	1 1/2" BSPP



8010

STRAIGHT ADAPTOR
NPTF MALE / BSPP SWIVEL FEMALE

PART NUMBER	MALE THREAD	FEMALE THREAD
H BH11876	1/4" NPTF	1/4" BSPP
H BH11873	1/4" NPTF	3/8" BSPP
H BH11885	3/8" NPTF	1/4" BSPP
H BH11877	3/8" NPTF	3/8" BSPP
H BH11884	3/8" NPTF	1/2" BSPP
H BH11874	1/2" NPTF	3/8" BSPP
H BH11878	1/2" NPTF	1/2" BSPP
H BH11879	1/2" NPTF	3/4" BSPP
H BH11880	3/4" NPTF	1/2" BSPP
H BH11881	3/4" NPTF	3/4" BSPP
H BH11882	1" NPTF	3/4" BSPP
H BH11883	1" NPTF	1" BSPP

STRAIGHT ADAPTOR
BSPP MALE 60° CONE /
BSPP FIXED FEMALE

PART NUMBER	MALE THREAD	FEMALE THREAD
H BH16167	3/8" BSPP	1/8" BSPP
H BH16166	1/2" BSPP	1/8" BSPP
H BH16150	1/2" BSPP	1/4" BSPP
H BH16151	5/8" BSPP	1/4" BSPP
H BH16152	3/4" BSPP	1/4" BSPP
H BH16153	3/4" BSPP	3/8" BSPP
H BH16156	1" BSPP	1/4" BSPP
H BH16168	1" BSPP	3/8" BSPP
H BH16157	1" BSPP	1/2" BSPP
H BH16147	1 1/4" BSPP	1/2" BSPP
H BH16158	1 1/4" BSPP	3/4" BSPP
H BH16162	1 1/4" BSPP	1" BSPP
H BH16529	1 1/2" BSPP	1/4" BSPP
H BH16149	1 1/2" BSPP	1/2" BSPP
H BH16159	1 1/2" BSPP	3/4" BSPP
H BH16160	1 1/2" BSPP	1" BSPP
H BH16527	2" BSPP	1/4" BSPP
H BH16528	2" BSPP	3/8" BSPP
H BH16146	2" BSPP	1/2" BSPP
H BH16526	2" BSPP	3/4" BSPP
H BH16161	2" BSPP	1" BSPP
H BH16164	2" BSPP	1 1/4" BSPP
H BH16163	2" BSPP	1 1/2" BSPP



8010

STRAIGHT ADAPTOR
METRIC MALE /
BSPP FIXED FEMALE

PART NUMBER	MALE THREAD	FEMALE THREAD
H BH17450	16 mm	1/8" BSPP
H BH17454	18 mm	1/4" BSPP
H BH17462	20 mm	1/4" BSPP
H BH17463	22 mm	1/8" BSPP
H BH17451	22 mm	1/4" BSPP
H BH17452	22 mm	3/8" BSPP

STRAIGHT ADAPTOR
BSPP MALE 60° CONE /
ORFS SWIVEL FEMALE



PART NUMBER	MALE THREAD	FEMALE THREAD
H BH96400	1/4" BSPP	9/16" ORFS
H BH96410	1/4" BSPP	11/16" ORFS
H BH96420	3/8" BSPP	9/16" ORFS
H BH96430	3/8" BSPP	11/16" ORFS
H BH96440	3/8" BSPP	13/16" ORFS
H BH96450	1/2" BSPP	13/16" ORFS
H BH96460	1/2" BSPP	1" ORFS
H BH96470	3/4" BSPP	1 3/16" ORFS
H BH96480	3/4" BSPP	1 7/16" ORFS
H BH96490	1" BSPP	1 7/16" ORFS
H BH96510	1" BSPP	1 11/16" ORFS
H BH96500	1 1/4" BSPP	1 11/16" ORFS

STRAIGHT ADAPTOR
BSPT MALE /
BSPP SWIVEL FEMALE



PART NUMBER	MALE THREAD	FEMALE THREAD
H 2TB/02	1/8" BSPT	1/8" BSPP
H 2TB/04	1/4" BSPT	1/4" BSPP
H 2TB/06	3/8" BSPT	3/8" BSPP
H 2TB/06-08	3/8" BSPT	1/2" BSPP
H 2TB/08-06	1/2" BSPT	3/8" BSPP
H 2TB/08	1/2" BSPT	1/2" BSPP
H 2TB/10	5/8" BSPT	5/8" BSPP
H 2TB/12-08	3/4" BSPT	1/2" BSPP
H 2TB/12	3/4" BSPT	3/4" BSPP
H 2TB/12-16	3/4" BSPT	1" BSPP
H 2TB/16-12	1" BSPT	3/4" BSPP
H 2TB/16	1" BSPT	1" BSPP
H 2TB/20	1 1/4" BSPT	1 1/4" BSPP
H 2TB/24	1 1/2" BSPT	1 1/2" BSPP
H 2TB/32	2" BSPT	2" BSPP

STRAIGHT ADAPTOR
BSPP SWIVEL FEMALE /
JIC SWIVEL FEMALE



PART NUMBER	THREAD	THREAD
H 3BJ/04	1/4" BSPP	7/16" JIC
H 3BJ/04-05	1/4" BSPP	1/2" JIC
H 3BJ/04-06	1/4" BSPP	9/16" JIC
H 3BJ/06-05	3/8" BSPP	1/2" JIC
H 3BJ/06	3/8" BSPP	9/16" JIC
H 3BJ/06-08	3/8" BSPP	3/4" JIC
H 3BJ/06-10	3/8" BSPP	7/8" JIC
H 3BJ/08-06	1/2" BSPP	9/16" JIC
H 3BJ/08	1/2" BSPP	3/4" JIC
H 3BJ/08-10	1/2" BSPP	7/8" JIC
H 3BJ/08-12	1/2" BSPP	1 1/16" JIC
H 3BJ/10	5/8" BSPP	7/8" JIC
H 3BJ/12-08	3/4" BSPP	3/4" JIC
H 3BJ/12	3/4" BSPP	1 1/16" JIC
H 3BJ/12-14	3/4" BSPP	1 3/16" JIC
H 3BJ/12-16	3/4" BSPP	1 5/16" JIC
H 3BJ/16-12	1" BSPP	1 1/16" JIC
H 3BJ/16	1" BSPP	1 5/16" JIC
H 3BJ/20-16	1 1/4" BSPP	1 5/16" JIC
H 3BJ/20	1 1/4" BSPP	1 5/8" JIC
H 3BJ/24	1 1/2" BSPP	1 7/8" JIC

STRAIGHT ADAPTOR
JIC SWIVEL FEMALE



PART NUMBER	THREAD	THREAD
H 3J/04	7/16" JIC	7/16" JIC
H 3J/04-06	7/16" JIC	9/16" JIC
H 3J/04-08	7/16" JIC	3/4" JIC
H 3J/05	1/2" JIC	1/2" JIC
H 3J/05-06	1/2" JIC	9/16" JIC
H 3J/06	9/16" JIC	9/16" JIC
H 3J/06-08	9/16" JIC	3/4" JIC
H 3J/08	3/4" JIC	3/4" JIC
H 3J/10	7/8" JIC	7/8" JIC
H 3J/10-12	7/8" JIC	1 1/16" JIC
H 3J/12	1 1/16" JIC	1 1/16" JIC
H 3J/12-16	1 1/16" JIC	1 5/16" JIC
H 3J/14	1 3/16" JIC	1 3/16" JIC
H 3J/16	1 5/16" JIC	1 5/16" JIC
H 3J/20	1 5/8" JIC	1 5/8" JIC

STRAIGHT ADAPTOR
BSPP SWIVEL FEMALE



PART NUMBER	THREAD	THREAD
H 3B/04	1/4" BSPP	1/4" BSPP
H 3B/04-06	1/4" BSPP	3/8" BSPP
H 3B/04-08	1/4" BSPP	1/2" BSPP
H 3B/06	3/8" BSPP	3/8" BSPP
H 3B/06-08	3/8" BSPP	1/2" BSPP
H 3B/08	1/2" BSPP	1/2" BSPP
H 3B/08-12	1/2" BSPP	3/4" BSPP
H 3B/10	5/8" BSPP	5/8" BSPP
H 3B/12	3/4" BSPP	3/4" BSPP
H 3B/12-16	3/4" BSPP	1" BSPP
H 3B/16	1" BSPP	1" BSPP
H 3B/20	1 1/4" BSPP	1 1/4" BSPP
H 3B/24	1 1/2" BSPP	1 1/2" BSPP
H 3B/32	2" BSPP	2" BSPP

STRAIGHT ADAPTOR
METRIC SWIVEL FEMALE



PART NUMBER	THREAD	THREAD
H BH01775	12 mm	12 mm
H BH01785	12 mm	14 mm
H BH01776	14 mm	14 mm
H BH01777	16 mm	16 mm
H BH01782	16 mm	18 mm
H BH01778	18 mm	18 mm
H BH01783	18 mm	20 mm
H BH01784	20 mm	22 mm
H BH01781	22 mm	22 mm

STRAIGHT ADAPTOR BSPP FIXED FEMALE



8010

PART NUMBER	THREAD
H 7B/02	1/8" BSPP
H 7B/04	1/4" BSPP
H 7B/06	3/8" BSPP
H 7B/08	1/2" BSPP
H 7B/10	5/8" BSPP
H 7B/12	3/4" BSPP
H 7B/16	1" BSPP
H 7B/20	1 1/4" BSPP
H 7B/24	1 1/2" BSPP
H 7B/32	2" BSPP

STRAIGHT ADAPTOR NPT FIXED FEMALE



8010

PART NUMBER	THREAD
H 7N02	1/8" NPT
H 7N04	1/4" NPT
H 7N06	3/8" NPT
H 7N08	1/2" NPT
H 7N12	3/4" NPT
H 7N16	1" NPT

STRAIGHT ADAPTOR METRIC FIXED FEMALE



8010

PART NUMBER	THREAD
H 7M1010	10 mm
H 7M1212	12 mm
H 7M1414	14 mm
H 7M1616	16 mm
H 7M1818	18 mm
H 7M2020	20 mm
H 7M2222	22 mm

STRAIGHT REDUCING ADAPTOR BSPP FIXED FEMALE



8010

PART NUMBER	THREAD	THREAD
H 7B/02-04	1/8" BSPP	1/4" BSPP
H 7B/04-06	1/4" BSPP	3/8" BSPP
H 7B/04-08	1/4" BSPP	1/2" BSPP
H 7B/06-08	3/8" BSPP	1/2" BSPP
H 7B/06-12	3/8" BSPP	3/4" BSPP
H 7B/08-12	1/2" BSPP	3/4" BSPP
H 7B/08-16	1/2" BSPP	1" BSPP
H 7B/12-16	3/4" BSPP	1" BSPP
H 7B/16-20	1" BSPP	1 1/4" BSPP
H 7B/16-24	1" BSPP	1 1/2" BSPP
H 7B/20-24	1 1/4" BSPP	1 1/2" BSPP
H 7B/24-32	1 1/2" BSPP	2" BSPP

BLANKING CAP BSPP SWIVEL FEMALE



8010

PART NUMBER	THREAD
H CB/02	1/8" BSPP
H CB/04	1/4" BSPP
H CB/06	3/8" BSPP
H CB/08	1/2" BSPP
H CB/12	3/4" BSPP
H CB/16	1" BSPP
H CB/20	1 1/4" BSPP
H CB/24	1 1/2" BSPP
H CB/32	2" BSPP

SWIVEL BLANKING CAP JIC FEMALE



8010

PART NUMBER	THREAD
H CJ/04	7/16" JIC
H CJ/05	1/2" JIC
H CJ/06	9/16" JIC
H CJ/08	3/4" JIC
H CJ/10	7/8" JIC
H CJ/12	1 1/16" JIC
H CJ/14	1 3/16" JIC
H CJ/16	1 5/16" JIC
H CJ/20	1 5/8" JIC
H CJ/24	1 7/8" JIC
H CJ/32	2 1/2" JIC

BLANKING CAP ORFS FEMALE



8010

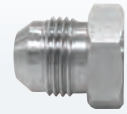
PART NUMBER	THREAD
H BH9129-04	9/16" ORFS
H BH9129-06	11/16" ORFS
H BH9129-08	13/16" ORFS
H BH9129-10	1" ORFS
H BH9129-12	1 3/16" ORFS
H BH9129-16	1 7/16" ORFS
H BH9129-20	1 11/16" ORFS
H BH9129-24	2" ORFS



8010

**SOLID PLUG
BSPT MALE**

PART NUMBER	THREAD
H 4T/02	1/8" BSPT
H 4T/04	1/4" BSPT
H 4T/06	3/8" BSPT
H 4T/08	1/2" BSPT
H 4T/12	3/4" BSPT
H 4T/16	1" BSPT
H 4T/20	1 1/4" BSPT
H 4T/24	1 1/2" BSPT
H 4T/32	2" BSPT



8010

**SOLID PLUG
JIC MALE**

PART NUMBER	THREAD
H 4J/04	7/16" JIC
H 4J/05	1/2" JIC
H 4J/06	9/16" JIC
H 4J/08	3/4" JIC
H 4J/10	7/8" JIC
H 4J/12	1 1/16" JIC
H 4J/14	1 3/16" JIC
H 4J/16	1 5/16" JIC
H 4J/20	1 5/8" JIC
H 4J/24	1 7/8" JIC
H 4J/32	2 1/2" JIC



8010

**SOLID PLUG
METRIC MALE**

PART NUMBER	THREAD	PITCH
H 6M10	10 mm	1.5 mm
H 6M12	12 mm	1.5 mm
H 6M14	14 mm	1.5 mm
H 6M16	16 mm	1.5 mm
H 6M18	18 mm	1.5 mm
H 6M20	20 mm	1.5 mm
H 6M22	22 mm	1.5 mm



8010

**PLUG
BSPP MALE 60° CONE**

PART NUMBER	THREAD
H 4B/02	1/8" BSPP
H 4B/04	1/4" BSPP
H 4B/06	3/8" BSPP
H 4B/08	1/2" BSPP
H 4B/12	3/4" BSPP
H 4B/16	1" BSPP
H 4B/20	1 1/4" BSPP
H 4B/24	1 1/2" BSPP
H 4B/32	2" BSPP



8010

**SOLID PLUG
NPTF MALE**

PART NUMBER	THREAD
H 4N/02	1/8" NPTF
H 4N/04	1/4" NPTF
H 4N/06	3/8" NPTF
H 4N/08	1/2" NPTF
H 4N/12	3/4" NPTF
H 4N/16	1" NPTF
H 4N/20	1 1/4" NPTF
H 4N/24	1 1/2" NPTF
H 4N/32	2" NPTF



8010

**PLUG
ORFS MALE**

PART NUMBER	THREAD
H BH96000	9/16" ORFS
H BH96001	11/16" ORFS
H BH96002	13/16" ORFS
H BH96003	1" ORFS
H BH96004	1 3/16" ORFS
H BH96005	1 7/16" ORFS
H BH96006	1 11/16" ORFS



**COMPACT ELBOW 90°
BSPP MALE 60° CONE**

8010

PART NUMBER	THREAD	THREAD
H X10B/04	1/4" BSPP	1/4" BSPP
H X10B/0406	1/4" BSPP	3/8" BSPP
H X10B/06	3/8" BSPP	3/8" BSPP
H X10B/0608	3/8" BSPP	1/2" BSPP
H X10B/08	1/2" BSPP	1/2" BSPP
H X10B/0812	1/2" BSPP	3/4" BSPP
H X10B/10	5/8" BSPP	5/8" BSPP
H X10B/12	3/4" BSPP	3/4" BSPP
H X10B/16	1" BSPP	1" BSPP



**COMPACT ELBOW 90°
BSPP SWIVEL FEMALE**

8010

PART NUMBER	THREAD
H X20B/04	1/4" BSPP
H X20B/06	3/8" BSPP
H X20B/08	1/2" BSPP
H X20B/12	3/4" BSPP
H X20B/16	1" BSPP
H X20B/20	1 1/4" BSPP
H X20B/24	1 1/2" BSPP
H X20B/32	2" BSPP



**COMPACT ELBOW 90°
BSPP MALE 60° CONE /
BSPT MALE**

8010

PART NUMBER	THREAD	THREAD
H BH03069	1/8" BSPP	1/8" BSPT
H BH03073	1/4" BSPP	1/8" BSPT
H BH03070	1/4" BSPP	1/4" BSPT
H BH03079	1/4" BSPP	3/8" BSPT
H BH03071	3/8" BSPP	3/8" BSPT
H BH03077	1/2" BSPP	3/8" BSPT
H BH03072	1/2" BSPP	1/2" BSPT
H BH03074	3/4" BSPP	3/4" BSPT
H BH03078	3/4" BSPP	1" BSPT
H BH03067	1" BSPP	3/4" BSPT
H BH03075	1" BSPP	1" BSPT
H BH03082	1 1/4" BSPP	1 1/4" BSPT
H BH03068	1 1/2" BSPP	1 1/2" BSPT
H BH03076	2" BSPP	2" BSPT



**COMPACT ELBOW 90°
JIC MALE**

8010

PART NUMBER	THREAD
H X10J/04	7/16" JIC
H X10J/05	1/2" JIC
H X10J/06	9/16" JIC
H X10J/08	3/4" JIC
H X10J/10	7/8" JIC
H X10J/12	1 1/16" JIC
H X10J/14	1 3/16" JIC
H X10J/16	1 5/16" JIC
H X10J/20	1 5/8" JIC
H X10J/24	1 7/8" JIC



**COMPACT ELBOW 90°
BSPP MALE 60° CONE /
BSPP FEMALE**

8010

PART NUMBER	THREAD
H X11B/04	1/4" BSPP
H X11B/06	3/8" BSPP
H X11B/08	1/2" BSPP
H X11B/10	5/8" BSPP
H X11B/12	3/4" BSPP
H X11B/16	1" BSPP
H X11B/20	1 1/4" BSPP
H X11B/24	1 1/2" BSPP
H X11B/32	2" BSPP



**COMPACT ELBOW 90°
ORFS MALE / ORFS SWIVEL FEMALE**

8010

PART NUMBER	THREAD
H BH9506-04-04	9/16" ORFS
H BH9506-06-06	11/16" ORFS



COMPACT ELBOW 90° – FORGED
JIC MALE / JIC SWIVEL FEMALE

8010



COMPACT ELBOW 45° – FORGED
JIC MALE / JIC SWIVEL FEMALE

8010

PART NUMBER	THREAD
H X11J/04	7/16" JIC
H X11J/05	1/2" JIC
H X11J/06	9/16" JIC
H X11J/08	3/4" JIC
H X11J/10	7/8" JIC
H X11J/12	1 1/16" JIC
H X11J/14	1 3/16" JIC
H X11J/16	1 5/16" JIC
H X11J/20	1 5/8" JIC
H X11J/24	1 7/8" JIC
H X11J/32	2 1/2" JIC

PART NUMBER	THREAD
H BH 05050/45	7/16" JIC
H BH 05052/45	9/16" JIC
H BH 05053/45	3/4" JIC
H BH 05054/45	7/8" JIC
H BH 05055/45	1 1/16" JIC
H BH 05056/45	1 5/16" JIC
H BH 05058/45	1 5/8" JIC
H BH 05059/45	1 7/8" JIC



COMPACT ELBOW 45° – FORGED
BSPP MALE / BSPP SWIVEL FEMALE

8010



SWEPT ELBOW 90°
BSPP FEMALE /
BSPP SWIVEL FEMALE

8010

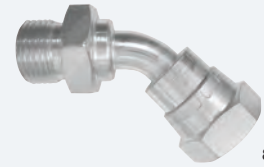
PART NUMBER	THREAD
H BH 05000/45	1/4" BSPP
H BH 05001/45	3/8" BSPP
H BH 05002/45	1/2" BSPP
H BH 05004/45	3/4" BSPP
H BH 05005/45	1" BSPP

PART NUMBER	THREAD
H 3B90/04	1/4" BSPP
H 3B90/06	3/8" BSPP
H 3B90/08	1/2" BSPP
H 3B90/10	5/8" BSPP
H 3B90/12	3/4" BSPP
H 3B90/16	1" BSPP
H 3B90/20	1 1/4" BSPP
H 3B90/24	1 1/2" BSPP
H 3B90/32	2" BSPP



SWEPT ELBOW 90°
BSPP MALE 60° CONE /
BSPP SWIVEL FEMALE

8010



SWEPT ELBOW 135°
BSPP MALE 60° CONE /
BSPP SWIVEL FEMALE

8010

PART NUMBER	THREAD
H 2B90/04	1/4" BSPP
H 2B90/06	3/8" BSPP
H 2B90/08	1/2" BSPP
H 2B90/10	5/8" BSPP
H 2B90/12	3/4" BSPP
H 2B90/16	1" BSPP
H 2B90/20	1 1/4" BSPP
H 2B90/24	1 1/2" BSPP
H 2B90/32	2" BSPP

PART NUMBER	THREAD
H 2B45/04	1/4" BSPP
H 2B45/06	3/8" BSPP
H 2B45/08	1/2" BSPP
H 2B45/10	5/8" BSPP
H 2B45/12	3/4" BSPP
H 2B45/16	1" BSPP
H 2B45/20	1 1/4" BSPP
H 2B45/24	1 1/2" BSPP
H 2B45/32	2" BSPP



TEE
BSPP MALE 60° CONE

8010

PART NUMBER	THREAD
H Z10B/04	1/4" BSPP
H Z10B/06	3/8" BSPP
H Z10B/08	1/2" BSPP
H Z10B/12	3/4" BSPP
H Z10B/16	1" BSPP



TEE
BSPP SWIVEL FEMALE

8010

PART NUMBER	THREAD
H Z12B/02	1/8" BSPP
H Z12B/04	1/4" BSPP
H Z12B/06	3/8" BSPP
H Z12B/08	1/2" BSPP
H Z12B/12	3/4" BSPP
H Z12B/16	1" BSPP
H Z12B/20	1 1/4" BSPP
H Z12B/24	1 1/2" BSPP
H Z12B/32	2" BSPP



FEMALE BRANCH TEE
BSPP MALE 60° CONE /
BSPP SWIVEL FEMALE

8010

PART NUMBER	THREAD
H Z11B/04	1/4" BSPP
H Z11B/06	3/8" BSPP
H Z11B/08	1/2" BSPP
H Z11B/12	3/4" BSPP
H Z11B/16	1" BSPP
H Z11B/20	1 1/4" BSPP
H Z11B/24	1 1/2" BSPP
H Z11B/32	2" BSPP



MALE BRANCH TEE
BSPP MALE 60° CONE /
BSPP SWIVEL FEMALE

8010

PART NUMBER	THREAD
H Z21B/04	1/4" BSPP
H Z21B/06	3/8" BSPP
H Z21B/08	1/2" BSPP
H Z21B/12	3/4" BSPP
H Z21B/16	1" BSPP
H Z21B/20	1 1/4" BSPP
H Z21B/24	1 1/2" BSPP
H Z21B/32	2" BSPP



EQUAL BLOCK TEE
BSPP FEMALE

8010

PART NUMBER	THREAD
H Z19B/04	1/4" BSPP
H Z19B/06	3/8" BSPP
H Z19B/08	1/2" BSPP
H Z19B/10	5/8" BSPP
H Z19B/12	3/4" BSPP
H Z19B/16	1" BSPP
H Z19B/20	1 1/4" BSPP
H Z19B/24	1 1/2" BSPP
H Z19B/32	2" BSPP



TEE
JIC SWIVEL FEMALE

8010

PART NUMBER	THREAD
H Z19J/04	7/16" JIC
H Z19J/05	1/2" JIC
H Z19J/06	9/16" JIC
H Z19J/08	3/4" JIC
H Z19J/10	7/8" JIC
H Z19J/12	1 1/16" JIC
H Z19J/14	1 3/16" JIC
H Z19J/16	1 5/16" JIC
H Z19J/20	1 5/8" JIC
H Z19J/24	1 7/8" JIC



TEE
ORFS MALE

8010

PART NUMBER	THREAD
H BH9705-04-04-04	9/16" ORFS
H BH9705-06-06-06	11/16" ORFS
H BH9705-08-08-08	13/16" ORFS
H BH9705-10-10-10	1" ORFS
H BH9705-12-12-12	1 3/16" ORFS
H BH9705-16-16-16	1 7/16" ORFS



TEE – FORGED
JIC MALE

8010

PART NUMBER	THREAD
H Z20J/04	7/16" JIC
H Z20J/05	1/2" JIC
H Z20J/06	9/16" JIC
H Z20J/08	3/4" JIC
H Z20J/10	7/8" JIC
H Z20J/12	1 1/16" JIC
H Z20J/14	1 3/16" JIC
H Z20J/16	1 5/16" JIC
H Z20J/20	1 5/8" JIC
H Z20J/24	1 7/8" JIC
H Z20J/32	2 1/2" JIC



FEMALE BRANCH TEE
ORFS MALE /
ORFS SWIVEL FEMALE

8010

PART NUMBER	THREAD
H BH9707-04-04-04	9/16" ORFS
H BH9707-06-06-06	11/16" ORFS
H BH9707-08-08-08	13/16" ORFS
H BH9707-10-10-10	1" ORFS
H BH9707-12-12-12	1 3/16" ORFS
H BH9707-16-16-16	1 7/16" ORFS
H BH9707-20-20-20	1 11/16" ORFS
H BH9707-24-24-24	2" ORFS

Supplied without caps



FEMALE BRANCH TEE – FORGED
JIC MALE / JIC SWIVEL FEMALE

8010

PART NUMBER	THREAD
H Z11J/04	7/16" JIC
H Z11J/06	9/16" JIC
H Z11J/08	3/4" JIC
H Z11J/12	1 1/16" JIC



MALE BRANCH TEE
ORFS MALE /
ORFS SWIVEL FEMALE

8010

PART NUMBER	THREAD
H BH9706-04-04-04	9/16" ORFS
H BH9706-06-06-06	11/16" ORFS
H BH9706-08-08-08	13/16" ORFS
H BH9706-10-10-10	1" ORFS
H BH9706-12-12-12	1 3/16" ORFS
H BH9706-16-16-16	1 7/16" ORFS
H BH9706-20-20-20	1 11/16" ORFS
H BH9706-24-24-24	2" ORFS



FEMALE RUN TEE – FORGED
JIC MALE /
JIC SWIVEL FEMALE

8010

PART NUMBER	THREAD
H Z21J/04	7/16" JIC
H Z21J/05	1/2" JIC
H Z21J/06	9/16" JIC
H Z21J/08	3/4" JIC
H Z21J/10	7/8" JIC
H Z21J/12	1 1/16" JIC
H Z21J/16	1 5/16" JIC
H Z21J/20	1 5/8" JIC

STEEL SWIVEL JOINTS

FEATURES

Mounted between a hose assembly & a rigid component in order to allow & compensate for occasional rotations, preventing hose damage. The swivel joints in-line & 90° are not designed for fast & continuous rotation but only for angular displacement.

STRAIGHT SWIVEL JOINT



STRAIGHT HYDRAULIC SWIVEL JOINT
BSPP MALE / BSPP FEMALE

8065

PART NUMBER	THREAD	MAX. PRESSURE	MAX. ROTATION PRESSURE
D-GGL-1/4	1/4" BSPP	400 bar	200 bar
D-GGL-3/8	3/8" BSPP	400 bar	200 bar
D-GGL-1/2	1/2" BSPP	300 bar	150 bar
D-GGL-3/4	3/4" BSPP	300 bar	150 bar
D-GGL-1	1" BSPP	300 bar	100 bar
D-GGL-11/4	1 1/4" BSPP	300 bar	100 bar
D-GGL-11/2	1 1/2" BSPP	300 bar	80 bar
D-GGL-2	2" BSPP	250 bar	50 bar

90° SWIVEL JOINT



90° HYDRAULIC SWIVEL JOINT
BSPP MALE / BSPP FEMALE

8065

PART NUMBER	THREAD	MAX. PRESSURE	MAX. ROTATION PRESSURE
D-GG90-1/4	1/4" BSPP	400 bar	200 bar
D-GG90-3/8	3/8" BSPP	400 bar	200 bar
D-GG90-1/2	1/2" BSPP	300 bar	150 bar
D-GG90-3/4	3/4" BSPP	300 bar	150 bar
D-GG90-1	1" BSPP	300 bar	100 bar
D-GG90-11/4	1 1/4" BSPP	300 bar	100 bar
D-GG90-11/2	1 1/2" BSPP	300 bar	80 bar
D-GG90-2	2" BSPP	250 bar	50 bar

316 STAINLESS STEEL SWIVEL JOINTS

FEATURES

- Connects two oil-hydraulic elements rotating with respect to the other, avoids twisting
- Rotation speed 5 – 10 rpm
- Different sizes available upon request

STRAIGHT SWIVEL JOINT



SLOW SPEED
STRAIGHT SWIVEL JOINT
BSPP MALE / BSPP FEMALE
316 STAINLESS STEEL

914

PART NUMBER	THREAD	MAX. PRESSURE
BGGL06/SS	1/4" BSPP	350 bar
BGGL09/SS	3/8" BSPP	350 bar
BGGL13/SS	1/2" BSPP	300 bar
BGGL19/SS	3/4" BSPP	250 bar
BGGL25/SS	1" BSPP	250 bar
BGGL30/SS	1 1/4" BSPP	180 bar
BGGL40/SS	1 1/2" BSPP	150 bar
BGGL50/SS	2" BSPP	150 bar

90° SWIVEL JOINT



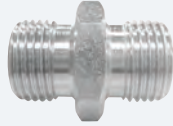
90° SWIVEL JOINT
BSPP MALE / BSPP FEMALE
316 STAINLESS STEEL

914

PART NUMBER	THREAD	MAX. PRESSURE
BGGN06/SS	1/4" BSPP	350 bar
BGGN09/SS	3/8" BSPP	300 bar
BGGN13/SS	1/2" BSPP	300 bar
BGGN19/SS	3/4" BSPP	250 bar
BGGN25/SS	1" BSPP	250 bar
BGGN30/SS	1 1/4" BSPP	180 bar
BGGN40/SS	1 1/2" BSPP	150 bar
BGGN50/SS	2" BSPP	150 bar

SPECIFICATIONS

Temperature range	-20°C to +220°C
Materials	316 stainless steel



1780

STRAIGHT ADAPTOR BSPP MALE 60° CONE

PART NUMBER	THREAD	THREAD
PKR-1B/02SS	1/8" BSPP	1/8" BSPP
PKR-1B/02-04SS	1/8" BSPP	1/4" BSPP
PKR-1B/02-06SS	1/8" BSPP	3/8" BSPP
PKR-1B/04SS	1/4" BSPP	1/4" BSPP
PKR-1B/04-06SS	1/4" BSPP	3/8" BSPP
PKR-1B/04-08SS	1/4" BSPP	1/2" BSPP
PKR-1B/06SS	3/8" BSPP	3/8" BSPP
PKR-1B/06-08SS	3/8" BSPP	1/2" BSPP
PKR-1B/08SS	1/2" BSPP	1/2" BSPP
PKR-1B/08-12SS	1/2" BSPP	3/4" BSPP
PKR-1B/12SS	3/4" BSPP	3/4" BSPP
PKR-1B/16SS	1" BSPP	1" BSPP
PKR-1B/16-20SS	1" BSPP	1 1/4" BSPP
PKR-1B/20SS	1 1/4" BSPP	1 1/4" BSPP

ADAPTORS TO BS5200

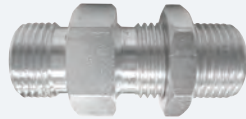
ADAPTORS TO BS5200	WORKING PRESSURE
1/8"	350 bar
1/4"	350 bar
3/8"	250 bar
1/2"	225 bar
3/4"	200 bar
1"	160 bar
1 1/4"	160 bar



1780

STRAIGHT ADAPTOR BSPP MALE 60° CONE / BSPT MALE

PART NUMBER	THREAD	THREAD
PKR-1BT/02SS	1/8" BSPP	1/8" BSPT
PKR-1BT/04SS	1/4" BSPP	1/4" BSPT
PKR-1BT/04-06SS	1/4" BSPP	3/8" BSPT
PKR-1BT/06SS	3/8" BSPP	3/8" BSPT
PKR-1BT/06-08SS	3/8" BSPP	1/2" BSPT
PKR-1BT/08-06SS	1/2" BSPP	3/8" BSPT
PKR-1BT/08SS	1/2" BSPP	1/2" BSPT
PKR-1BT/12-08SS	3/4" BSPP	1/2" BSPT
PKR-1BT/12SS	3/4" BSPP	3/4" BSPT
PKR-1BT/16SS	1" BSPP	1" BSPT
PKR-1BT/20SS	1 1/4" BSPP	1 1/4" BSPT



1780

STRAIGHT ADAPTOR BSPP MALE 60° CONE / BSPP MALE BULKHEAD

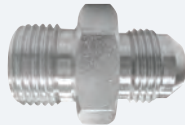
PART NUMBER	THREAD
PKR-6B/04SS	1/4" BSPP
PKR-6B/06SS	3/8" BSPP
PKR-6B/08SS	1/2" BSPP
PKR-6B/12SS	3/4" BSPP
PKR-6B/16SS	1" BSPP



1780

STRAIGHT ADAPTOR NPTF MALE

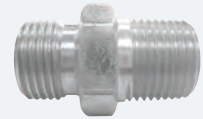
PART NUMBER	THREAD
PKR-1N/02SS	1/8" NPTF
PKR-1N/04SS	1/4" NPTF
PKR-1N/06SS	3/8" NPTF
PKR-1N/08SS	1/2" NPTF
PKR-1N/12SS	3/4" NPTF
PKR-1N/16SS	1" NPTF



1780

STRAIGHT ADAPTOR BSPP MALE 60° CONE / JIC MALE 74° CONE

PART NUMBER	THREAD	THREAD
PKR-1BJ/04SS	1/4" BSPP	7/16" JIC
PKR-1BJ/04-06SS	1/4" BSPP	9/16" JIC
PKR-1BJ/06SS	3/8" BSPP	9/16" JIC
PKR-1BJ/08SS	1/2" BSPP	3/4" JIC
PKR-1BJ/08-10SS	1/2" BSPP	7/8" JIC
PKR-1BJ/12SS	3/4" BSPP	1 1/16" JIC
PKR-1BJ/16SS	1" BSPP	1 5/16" JIC



1780

STRAIGHT ADAPTOR BSPP MALE 60° CONE / NPTF MALE

PART NUMBER	THREAD	THREAD
PKR-1BN/02SS	1/8" BSPP	1/8" NPTF
PKR-1BN/04SS	1/4" BSPP	1/4" NPTF
PKR-1BN/06SS	3/8" BSPP	3/8" NPTF
PKR-1BN/08SS	1/2" BSPP	1/2" NPTF
PKR-1BN/12SS	3/4" BSPP	3/4" NPTF
PKR-1BN/16SS	1" BSPP	1" NPTF

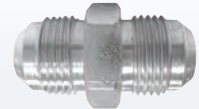
**STRAIGHT ADAPTOR
BSPP FIXED FEMALE**



1780

PART NUMBER	THREAD
PKR-7B/04SS	1/4" BSPP
PKR-7B/06SS	3/8" BSPP
PKR-7B/08SS	1/2" BSPP
PKR-7B/12SS	3/4" BSPP
PKR-7B/16SS	1" BSPP

**STRAIGHT ADAPTOR
JIC MALE**



1780

PART NUMBER	THREAD
PKR-1J/04SS	7/16" JIC
PKR-1J/06SS	9/16" JIC
PKR-1J/08SS	3/4" JIC
PKR-1J/12SS	1 1/16" JIC
PKR-1J/16SS	1 5/16" JIC

**TEE
BSPP SWIVEL FEMALE 60° CONE**



1780

PART NUMBER	THREAD
PKR-Z12B/04SS	1/4" BSPP
PKR-Z12B/06SS	3/8" BSPP
PKR-Z12B/08SS	1/2" BSPP
PKR-Z12B/12SS	3/4" BSPP
PKR-Z12B/16SS	1" BSPP

**TEE
BSPP MALE 60° CONE**



1780

PART NUMBER	THREAD
PKR-Z10B/02SS	1/8" BSPP
PKR-Z10B/04SS	1/4" BSPP
PKR-Z10B/06SS	3/8" BSPP
PKR-Z10B/08SS	1/2" BSPP
PKR-Z10B/12SS	3/4" BSPP
PKR-Z10B/16SS	1" BSPP

**90° COMPACT ELBOW
BSPP MALE /
BSPP FEMALE 60° CONE**



1780

PART NUMBER	THREAD
PKR-X11B/04SS	1/4" BSPP
PKR-X11B/06SS	3/8" BSPP
PKR-X11B/08SS	1/2" BSPP
PKR-X11B/12SS	3/4" BSPP
PKR-X11B/16SS	1" BSPP

**SOLID PLUG
JIC MALE 37° CONE**



1780

PART NUMBER	THREAD
PKR-4J/04SS	7/16" JIC
PKR-4J/06SS	9/16" JIC
PKR-4J/08SS	3/4" JIC
PKR-4J/12SS	1 1/16" JIC
PKR-4J/16SS	1 5/16" JIC

**PLUG
BSPP MALE 60° CONE**



1780

PART NUMBER	THREAD
PKR-4B/02SS	1/8" BSPP
PKR-4B/04SS	1/4" BSPP
PKR-4B/06SS	3/8" BSPP
PKR-4B/08SS	1/2" BSPP
PKR-4B/12SS	3/4" BSPP
PKR-4B/16SS	1" BSPP

**BLANKING CAP
BSPP SWIVEL FEMALE 60° CONE**



1780

PART NUMBER	THREAD
PKR-CB/02SS	1/8" BSPP
PKR-CB/04SS	1/4" BSPP
PKR-CB/06SS	3/8" BSPP
PKR-CB/08SS	1/2" BSPP
PKR-CB/12SS	3/4" BSPP
PKR-CB/16SS	1" BSPP

Do you also need?

PARKAIR®

**Stainless steel
bonded washers**



Find it on page 934, section fifteen

SPECIFICATIONS

Working pressure	10,000 psi
Temperature range	-20°C to +220°C
Materials	316 stainless steel

STRAIGHT ADAPTOR BSPP MALE 60° CONE



1770

PART NUMBER	THREAD	THREAD
PK2G2GMM10K	1/8" BSPP	1/8" BSPP
PK2G4GMM10K	1/8" BSPP	1/4" BSPP
PK4G4GMM10K	1/4" BSPP	1/4" BSPP
PK4G6GMM10K	1/4" BSPP	3/8" BSPP
PK4G8GMM10K	1/4" BSPP	1/2" BSPP
PK6G6GMM10K	3/8" BSPP	3/8" BSPP
PK6G8GMM10K	3/8" BSPP	1/2" BSPP
PK8G8GMM10K	1/2" BSPP	1/2" BSPP

STRAIGHT ADAPTOR NPT MALE



1770

PART NUMBER	THREAD	THREAD
PK2N2NMM10K	1/8" NPT	1/8" NPT
PK2N4NMM10K	1/8" NPT	1/4" NPT
PK4N4NMM10K	1/4" NPT	1/4" NPT
PK4N6NMM10K	1/4" NPT	3/8" NPT
PK4N8NMM10K	1/4" NPT	1/2" NPT
PK6N6NMM10K	3/8" NPT	3/8" NPT
PK6N8NMM10K	3/8" NPT	1/2" NPT
PK8N8NMM10K	1/2" NPT	1/2" NPT

STRAIGHT ADAPTOR BSPP MALE 60° CONE / NPT MALE



1770

PART NUMBER	THREAD	THREAD
PK2G2NMM10K	1/8" BSPP	1/8" NPT
PK2G4NMM10K	1/8" BSPP	1/4" NPT
PK4G2NMM10K	1/4" BSPP	1/8" NPT
PK4G4NMM10K	1/4" BSPP	1/4" NPT
PK4G6NMM10K	1/4" BSPP	3/8" NPT
PK4G8NMM10K	1/4" BSPP	1/2" NPT
PK6G4NMM10K	3/8" BSPP	1/4" NPT
PK6G6NMM10K	3/8" BSPP	3/8" NPT
PK6G8NMM10K	3/8" BSPP	1/2" NPT
PK8G4NMM10K	1/2" BSPP	1/4" NPT
PK8G6NMM10K	1/2" BSPP	3/8" NPT
PK8G8NMM10K	1/2" BSPP	1/2" NPT

STRAIGHT ADAPTOR NPT MALE / JIC MALE



1770

PART NUMBER	THREAD	THREAD
PK2N4JMM10K	1/8" NPT	7/16" JIC
PK4N4JMM10K	1/4" NPT	7/16" JIC
PK4N6JMM10K	1/4" NPT	9/16" JIC
PK4N8JMM10K	1/4" NPT	3/4" JIC
PK6N4JMM10K	3/8" NPT	7/16" JIC
PK6N6JMM10K	3/8" NPT	9/16" JIC
PK6N8JMM10K	3/8" NPT	3/4" JIC
PK8N4JMM10K	1/2" NPT	7/16" JIC
PK8N6JMM10K	1/2" NPT	9/16" JIC
PK8N8JMM10K	1/2" NPT	3/4" JIC

STRAIGHT ADAPTOR BSPP MALE 60° CONE / JIC MALE



1770

PART NUMBER	THREAD	THREAD
PK2G4JMM10K	1/8" BSPP	7/16" JIC
PK4G4JMM10K	1/4" BSPP	7/16" JIC
PK4G6JMM10K	1/4" BSPP	9/16" JIC
PK4G8JMM10K	1/4" BSPP	3/4" JIC
PK6G4JMM10K	3/8" BSPP	7/16" JIC
PK6G6JMM10K	3/8" BSPP	9/16" JIC
PK6G8JMM10K	3/8" BSPP	3/4" JIC
PK8G4JMM10K	1/2" BSPP	7/16" JIC
PK8G6JMM10K	1/2" BSPP	9/16" JIC
PK8G8JMM10K	1/2" BSPP	3/4" JIC

STRAIGHT ADAPTOR JIC MALE



1770

PART NUMBER	THREAD	THREAD
PK4J4JMM10K	7/16" JIC	7/16" JIC
PK4J6JMM10K	7/16" JIC	9/16" JIC
PK4J8JMM10K	7/16" JIC	3/4" JIC
PK6J6JMM10K	9/16" JIC	9/16" JIC
PK6J8JMM10K	9/16" JIC	3/4" JIC
PK8J8JMM10K	3/4" JIC	3/4" JIC

STRAIGHT ADAPTOR NPT MALE / JIC SWIVEL FEMALE



1770

PART NUMBER	MALE THREAD	FEMALE THREAD
PK4N4JFM10K	1/4" NPT	7/16" JIC
PK4N6JFM10K	1/4" NPT	9/16" JIC
PK6N6JFM10K	3/8" NPT	9/16" JIC

STRAIGHT ADAPTOR NPT FEMALE / JIC MALE



1770

PART NUMBER	FEMALE THREAD	MALE THREAD
PK4N4JFM10K	1/4" NPT	7/16" JIC
PK6N4JFM10K	3/8" NPT	7/16" JIC
PK6N6JFM10K	3/8" NPT	9/16" JIC



STRAIGHT ADAPTOR
NPT FEMALE

1770

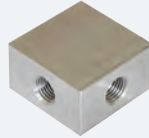
PART NUMBER	THREAD	THREAD
PK4N4NFF10K	1/4" NPT	1/4" NPT
PK4N6NFF10K	1/4" NPT	3/8" NPT
PK4N8NFF10K	1/4" NPT	1/2" NPT
PK6N6NFF10K	3/8" NPT	3/8" NPT
PK6N8NFF10K	3/8" NPT	1/2" NPT
PK8N8NFF10K	1/2" NPT	1/2" NPT



STRAIGHT ADAPTOR
BSPP FEMALE

1770

PART NUMBER	THREAD	THREAD
PK4G4GFF10K	1/4" BSPP	1/4" BSPP
PK4G6GFF10K	1/4" BSPP	3/8" BSPP
PK4G8GFF10K	1/4" BSPP	1/2" BSPP
PK6G6GFF10K	3/8" BSPP	3/8" BSPP
PK6G8GFF10K	3/8" BSPP	1/2" BSPP
PK8G8GFF10K	1/2" BSPP	1/2" BSPP



BLOCK CROSS
NPT FEMALE

1770

PART NUMBER	THREAD
PK4NX10K	1/4" NPT
PK6NX10K	3/8" NPT
PK8NX10K	1/2" NPT



BLOCK TEE
NPT FEMALE

1770

PART NUMBER	THREAD
PK4NT10K	1/4" NPT
PK6NT10K	3/8" NPT
PK8NT10K	1/2" NPT



BLOCK ELBOW
NPT FEMALE

1770

PART NUMBER	THREAD
PK4NE10K	1/4" NPT
PK6NE10K	3/8" NPT
PK8NE10K	1/2" NPT



ELBOW
NPT MALE

1770

PART NUMBER	THREAD
PK4NEMM10K	1/4" NPT
PK6NEMM10K	3/8" NPT
PK8NEMM10K	1/2" NPT



FIXED ELBOW
NPT MALE / NPT FEMALE

1770

PART NUMBER	THREAD
PK4NEMF10K	1/4" NPT
PK6NEMF10K	3/8" NPT
PK8NEMF10K	1/2" NPT



FIXED ELBOW
BSPP MALE 60° CONE /
BSPP FEMALE

1770

PART NUMBER	THREAD
PK4GEMF10K	1/4" BSPP
PK6GEMF10K	3/8" BSPP
PK8GEMF10K	1/2" BSPP



ELBOW
JIC MALE / NPT FEMALE

1770

PART NUMBER	MALE THREAD	FEMALE THREAD
PK4JMF10K	7/16" JIC	1/4" NPT
PK6JMF10K	9/16" JIC	3/8" NPT
PK8JMF10K	3/4" JIC	1/2" NPT



VOSS Hydraulic Compression Fittings

24° coupling range with a wide variety of system solutions

VOSS 24° DIN tube couplings are a hydraulic tube coupling system that is widely used worldwide and specified to ISO 8434-1 and DIN 2353.

The product range includes the light (L) and heavy (S) series, which differ in pressure ratings and dimensions. All the nominal pressure ratings (PN) mentioned below are designed with a 4:1 safety factor.

VOSS fluid compression couplings are available in various configurations.

The main advantages of 24° couplings

- This type of coupling is leak-tight & can resist alternating bending moments pressure transients & prevent tubes from tearing out of the connection
- Assembling these tube connections is a quick & straight forward process
- The connection can be removed & reassembled as often as desired, which is particularly important for servicing & maintenance
- These tube couplings are easy to install, compact, & offer maximum leak-tightness even at high pressures of up to 800 bar
- A wide range of designs allows for a modular approach when choosing components, avoiding the need for special couplings & unnecessary tube loops
- Male threaded variants come with various metric & imperial threads and seal types
- Subsequent re-tightening is unnecessary when using 24° coupling systems, as the coupling cannot come apart independently under normal conditions
- The 24° coupling system allows for flexible connections that absorb piping system vibration, unlike rigid permanent connections that can often tear apart
- Various thread and seal types conforming to international standards can be provided for screw connections
- All VOSS couplings come standard with a VOSS coat finish, providing optimal corrosion protection
- Many independent certification bodies have confirmed the functional characteristics of the entire coupling system

LIGHT SERIES

TUBE OD	PRESSURE
6 mm	PN 315
8 mm	PN 315
10 mm	PN 315
12 mm	PN 315
15 mm	PN 315
18 mm	PN 315
22 mm	PN 160
28 mm	PN 160
35 mm	PN 160
42 mm	PN 160

HEAVY SERIES

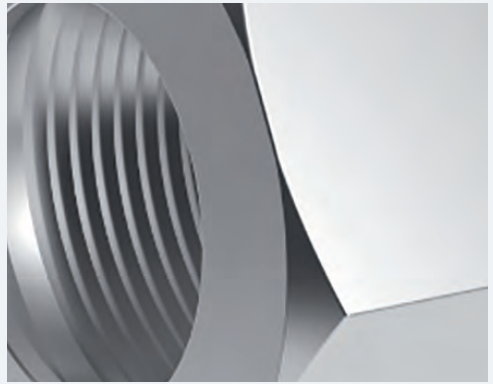
TUBE OD	PRESSURE
6 mm	PN 630
8 mm	PN 630
10 mm	PN 630
12 mm	PN 630
14 mm	PN 630
16 mm	PN 400
20 mm	PN 400
25 mm	PN 400
30 mm	PN 400
38 mm	PN 315

LIGHT SERIES

TUBE OD	THREAD
6 mm	M12 x 1.5
8 mm	M14 x 1.5
10 mm	M16 x 1.5
12 mm	M18 x 1.5
15 mm	M22 x 1.5
18 mm	M26 x 1.5
22 mm	M30 x 2.0
28 mm	M36 x 2.0
35 mm	M45 x 2.0
42 mm	M52 x 2.0

HEAVY SERIES

TUBE OD	THREAD
6 mm	M14 x 1.5
8 mm	M16 x 1.5
10 mm	M18 x 1.5
12 mm	M20 x 1.5
14 mm	M22 x 1.5
16 mm	M24 x 1.5
20 mm	M30 x 2.0
25 mm	M36 x 2.0
30 mm	M42 x 2.0
38 mm	M52 x 2.0



EXTRA LIGHT SERIES

New



8610

CUTTING RING / OLIVE

PART NUMBER	TUBE OD
V24-1S-LL4	4 mm
V24-1S-LL6	6 mm
V24-1S-LL8	8 mm

New



8610

NUT

PART NUMBER	TUBE OD	THREAD
V24-N-LL4	4 mm	M8 x 1.0
V24-N-LL6	6 mm	M10 x 1.0
V24-N-LL8	8 mm	M12 x 1.0

New



8610

EQUAL STRAIGHT

PART NUMBER	TUBE OD
V24-S-LL4	4 mm
V24-S-LL6	6 mm
V24-S-LL8	8 mm

New



8610

REDUCING CONNECTOR

PART NUMBER	TUBE OD	TUBE OD
V24-S-LL6-LL4	6 mm	4 mm

New



8610

STUD COUPLING METRIC MALE

PART NUMBER	TUBE OD	THREAD
V24-SDS-LL4-M6T	4 mm	M6 x 1.0
V24-SDS-LL4-M8T	4 mm	M8 x 1.0
V24-SDS-LL6-M6T	6 mm	M6 x 1.0
V24-SDS-LL6-M8T	6 mm	M8 x 1.0
V24-SDS-LL6-M10T	6 mm	M10 x 1.0
V24-SDS-LL8-M10T	8 mm	M10 x 1.0

New



8610

STUD COUPLING BSPT MALE

PART NUMBER	TUBE OD	THREAD
V24-SDS-LL4-R18T	4 mm	1/8" BSPT
V24-SDS-LL6-R18T	6 mm	1/8" BSPT
V24-SDS-LL8-R18T	8 mm	1/8" BSPT
V24-SDS-LL8-R14T	8 mm	1/4" BSPT

New



8610

EQUAL ELBOW

PART NUMBER	TUBE OD
V24-E-LL4-P	4 mm
V24-E-LL6-P	6 mm
V24-E-LL8-P	8 mm

New



8610

STUD COUPLING NPT MALE

PART NUMBER	TUBE OD	THREAD
V24-SDS-LL6-N18T	6 mm	1/8" NPT

New



8610

STUD ELBOW BSPT MALE

PART NUMBER	TUBE OD	THREAD
V24-SDE-LL4-R18T	4 mm	1/8" BSPT
V24-SDE-LL6-R18T-P	6 mm	1/8" BSPT
V24-SDE-LL8-R18T-P	8 mm	1/8" BSPT

New



8610

STUD ELBOW METRIC MALE

PART NUMBER	TUBE OD	THREAD
V24-SDE-LL4-M6T	4 mm	M6 x 1.0
V24-SDE-LL4-M8T	4 mm	M8 x 1.0
V24-SDE-LL6-M6T-P	6 mm	M6 x 1.0
V24-SDE-LL6-M8T-P	6 mm	M8 x 1.0
V24-SDE-LL6-M10T-P	6 mm	M10 x 1.0
V24-SDE-LL8-M10T-P	8 mm	M10 x 1.0

New



8610

STUD ELBOW NPT MALE

PART NUMBER	TUBE OD	THREAD
V24-SDE-LL6-N18T-P	6 mm	1/8" NPT
V24-SDE-LL8-N18T-P	8 mm	1/8" NPT

New



8610

EQUAL TEE

PART NUMBER	TUBE OD
V24-T-LL4	4 mm
V24-T-LL6	6 mm
V24-T-LL8-P	8 mm

New



8610

EQUAL CROSS

PART NUMBER	TUBE OD
V24-K-LL4	4 mm
V24-K-LL6	6 mm
V24-K-LL8	8 mm

LIGHT SERIES

HEAVY SERIES

New



8610

CUTTING RING / OLIVE

PART NUMBER	TUBE OD
V24-VRM-L/S6	6 mm
V24-VRM-L/S8	8 mm
V24-VRM-L/S10	10 mm
V24-VRM-L/S12	12 mm
V24-VRM-L15	15 mm
V24-VRM-L18	18 mm
V24-VRM-L22	22 mm
V24-VRM-L28	28 mm
V24-VRM-L35	35 mm
V24-VRM-L42	42 mm

New

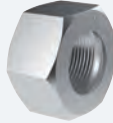


8610

CUTTING RING / OLIVE

PART NUMBER	TUBE OD
V24-VRM-L/S6	6 mm
V24-VRM-L/S8	8 mm
V24-VRM-L/S10	10 mm
V24-VRM-L/S12	12 mm
V24-VRM-S14	14 mm
V24-VRM-S16	16 mm
V24-VRM-S20	20 mm
V24-VRM-S25	25 mm
V24-VRM-S30	30 mm
V24-VRM-S38	38 mm

New

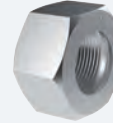


8610

NUT

PART NUMBER	TUBE OD	THREAD
V24-N-L6	6 mm	M12 x 1.5
V24-N-L8	8 mm	M14 x 1.5
V24-N-L10	10 mm	M16 x 1.5
V24-N-L12	12 mm	M18 x 1.5
V24-N-L15	15 mm	M22 x 1.5
V24-N-L18	18 mm	M26 x 1.5
V24-N-L22	22 mm	M30 x 2.0
V24-N-L28	28 mm	M36 x 2.0
V24-N-L35	35 mm	M45 x 2.0
V24-N-L42	42 mm	M52 x 2.0

New



8610

NUT

PART NUMBER	TUBE OD	THREAD
V24-N-S6	6 mm	M14 x 1.5
V24-N-S8	8 mm	M16 x 1.5
V24-N-S10	10 mm	M18 x 1.5
V24-N-S12	12 mm	M20 x 1.5
V24-N-S14	14 mm	M22 x 1.5
V24-N-S16	16 mm	M24 x 1.5
V24-N-S20	20 mm	M30 x 2.0
V24-N-S25	25 mm	M36 x 2.0
V24-N-S30	30 mm	M42 x 2.0
V24-N-S38	38 mm	M52 x 2.0

New



8610

EQUAL STRAIGHT

PART NUMBER	TUBE OD
V24-S-L6	6 mm
V24-S-L8	8 mm
V24-S-L10	10 mm
V24-S-L12	12 mm
V24-S-L15	15 mm
V24-S-L18	18 mm
V24-S-L22	22 mm
V24-S-L28	28 mm
V24-S-L35	35 mm
V24-S-L42	42 mm

New



8610

EQUAL STRAIGHT

PART NUMBER	TUBE OD
V24-S-S6	6 mm
V24-S-S8	8 mm
V24-S-S10	10 mm
V24-S-S12	12 mm
V24-S-S14	14 mm
V24-S-S16	16 mm
V24-S-S20	20 mm
V24-S-S25	25 mm
V24-S-S30	30 mm
V24-S-S38	38 mm

New



8610

EQUAL BULKHEAD

PART NUMBER	TUBE OD
V24-BHSLN-L6	6 mm
V24-BHSLN-L8	8 mm
V24-BHSLN-L10	10 mm
V24-BHSLN-L12	12 mm
V24-BHSLN-L15	15 mm
V24-BHSLN-L18	18 mm
V24-BHSLN-L22	22 mm
V24-BHSLN-L28	28 mm
V24-BHSLN-L35	35 mm
V24-BHSLN-L42	42 mm

New



8610

EQUAL BULKHEAD

PART NUMBER	TUBE OD
V24-BHSLN-S6	6 mm
V24-BHSLN-S8	8 mm
V24-BHSLN-S10	10 mm
V24-BHSLN-S12	12 mm
V24-BHSLN-S14	14 mm
V24-BHSLN-S16	16 mm
V24-BHSLN-S20	20 mm
V24-BHSLN-S25	25 mm
V24-BHSLN-S30	30 mm
V24-BHSLN-S38	38 mm

LIGHT SERIES

New



8610

STRAIGHT REDUCER

PART NUMBER	TUBE OD	TUBE OD
V24-S-L8-L6	8 mm	6 mm
V24-S-L10-L6	10 mm	6 mm
V24-S-L10-L8	10 mm	8 mm
V24-S-L12-L6	12 mm	6 mm
V24-S-L12-L8	12 mm	8 mm
V24-S-L12-L10	12 mm	10 mm
V24-S-L15-L6	15 mm	6 mm
V24-S-L15-L8	15 mm	8 mm
V24-S-L15-L10	15 mm	10 mm
V24-S-L15-L12	15 mm	12 mm
V24-S-L18-L8	18 mm	8 mm
V24-S-L18-L10	18 mm	10 mm
V24-S-L18-L12	18 mm	12 mm
V24-S-L18-L15	18 mm	15 mm
V24-S-L22-L10	22 mm	10 mm
V24-S-L22-L12	22 mm	12 mm
V24-S-L22-L15	22 mm	15 mm
V24-S-L22-L18	22 mm	18 mm
V24-S-L28-L15	28 mm	15 mm
V24-S-L28-L18	28 mm	18 mm
V24-S-L28-L22	28 mm	22 mm
V24-S-L35-L22	35 mm	22 mm
V24-S-L35-L28	35 mm	28 mm
V24-S-L42-L28	42 mm	28 mm
V24-S-L42-L35	42 mm	35 mm

HEAVY SERIES

New



8610

STRAIGHT REDUCER

PART NUMBER	TUBE OD	TUBE OD
V24-S-S8-S6	8 mm	6 mm
V24-S-S10-S6	10 mm	6 mm
V24-S-S10-S8	10 mm	8 mm
V24-S-S12-S6	12 mm	6 mm
V24-S-S12-S8	12 mm	8 mm
V24-S-S12-S10	12 mm	10 mm
V24-S-S14-S10	14 mm	10 mm
V24-S-S14-S12	14 mm	12 mm
V24-S-S16-S8	16 mm	8 mm
V24-S-S16-S10	16 mm	10 mm
V24-S-S16-S12	16 mm	12 mm
V24-S-S16-S14	16 mm	14 mm
V24-S-S20-S10	20 mm	10 mm
V24-S-S20-S12	20 mm	12 mm
V24-S-S20-S14	20 mm	14 mm
V24-S-S20-S16	20 mm	16 mm
V24-S-S25-S16	25 mm	16 mm
V24-S-S25-S20	25 mm	20 mm
V24-S-S30-S25	30 mm	25 mm
V24-S-S30-S20	30 mm	20 mm
V24-S-S38-S25	38 mm	25 mm
V24-S-S38-S30	38 mm	30 mm

New



8610

EQUAL ELBOW

PART NUMBER	TUBE OD
V24-E-L6-P	6 mm
V24-E-L8-P	8 mm
V24-E-L10-P	10 mm
V24-E-L12-P	12 mm
V24-E-L15	15 mm
V24-E-L18	18 mm
V24-E-L22	22 mm
V24-E-L28	28 mm
V24-E-L35	35 mm
V24-E-L42	42 mm

New



8610

EQUAL ELBOW

PART NUMBER	TUBE OD
V24-E-S6-P	6 mm
V24-E-S8-P	8 mm
V24-E-S10-P	10 mm
V24-E-S12-P	12 mm
V24-E-S14	14 mm
V24-E-S16	16 mm
V24-E-S20	20 mm
V24-E-S25	25 mm
V24-E-S30	30 mm
V24-E-S38	38 mm

New



8610

EQUAL BULKHEAD ELBOW

PART NUMBER	TUBE OD
V24-BHELN-L6	6 mm
V24-BHELN-L8	8 mm
V24-BHELN-L10	10 mm
V24-BHELN-L12	12 mm
V24-BHELN-L15	15 mm
V24-BHELN-L18	18 mm
V24-BHELN-L22	22 mm
V24-BHELN-L28	28 mm
V24-BHELN-L35	35 mm
V24-BHELN-L42	42 mm

New



8610

EQUAL BULKHEAD ELBOW

PART NUMBER	TUBE OD
V24-BHELN-S6	6 mm
V24-BHELN-S8	8 mm
V24-BHELN-S10	10 mm
V24-BHELN-S12	12 mm
V24-BHELN-S14	14 mm
V24-BHELN-S16	16 mm
V24-BHELN-S20	20 mm
V24-BHELN-S25	25 mm
V24-BHELN-S30	30 mm
V24-BHELN-S38	38 mm

LIGHT SERIES

HEAVY SERIES

Four

New



8610

EQUAL TEE

PART NUMBER	TUBE OD
V24-T-L6-P	6 mm
V24-T-L8-P	8 mm
V24-T-L10-P	10 mm
V24-T-L12-P	12 mm
V24-T-L15	15 mm
V24-T-L18	18 mm
V24-T-L22	22 mm
V24-T-L28	28 mm
V24-T-L35	35 mm
V24-T-L42	42 mm

New



8610

EQUAL TEE

PART NUMBER	TUBE OD
V24-T-S6-P	6 mm
V24-T-S8-P	8 mm
V24-T-S10-P	10 mm
V24-T-S12-P	12 mm
V24-T-S14	14 mm
V24-T-S16	16 mm
V24-T-S20	20 mm
V24-T-S25	25 mm
V24-T-S30	30 mm
V24-T-S38	38 mm

New



8610

EQUAL CROSS

PART NUMBER	TUBE OD
V24-K-L6	6 mm
V24-K-L8	8 mm
V24-K-L10	10 mm
V24-K-L12	12 mm
V24-K-L15	15 mm
V24-K-L18	18 mm
V24-K-L22	22 mm
V24-K-L28	28 mm
V24-K-L35	35 mm
V24-K-L42	42 mm

New



8610

EQUAL CROSS

PART NUMBER	TUBE OD
V24-K-S6	6 mm
V24-K-S8	8 mm
V24-K-S10	10 mm
V24-K-S12	12 mm
V24-K-S14	14 mm
V24-K-S16	16 mm
V24-K-S20	20 mm
V24-K-S25	25 mm
V24-K-S30	30 mm
V24-K-S38	38 mm

New



8610

STUD COUPLING BSPP MALE 60° CONE

PART NUMBER	TUBE OD	THREAD
V24-SDS-L6-G18A	6 mm	1/8" BSPP
V24-SDS-L8-G14A	8 mm	1/4" BSPP
V24-SDS-L10-G14A	10 mm	1/4" BSPP
V24-SDS-L10-G38A	10 mm	3/8" BSPP
V24-SDS-L12-G14A	12 mm	1/4" BSPP
V24-SDS-L12-G38A	12 mm	3/8" BSPP
V24-SDS-L12-G12A	12 mm	1/2" BSPP
V24-SDS-L15-G38A	15 mm	3/8" BSPP
V24-SDS-L15-G12A	15 mm	1/2" BSPP
V24-SDS-L18-G12A	18 mm	1/2" BSPP
V24-SDS-L22-G12A	22 mm	1/2" BSPP
V24-SDS-L22-G34A	22 mm	3/4" BSPP
V24-SDS-L28-G34A	28 mm	3/4" BSPP
V24-SDS-L28-G1A	28 mm	1" BSPP
V24-SDS-L35-G114A	35 mm	1 1/4" BSPP
V24-SDS-L42-G112A	42 mm	1 1/2" BSPP

New



8610

STUD COUPLING BSPP MALE 60° CONE

PART NUMBER	TUBE OD	THREAD
V24-SDS-S6-G14A	6 mm	1/4" BSPP
V24-SDS-S8-G14A	8 mm	1/4" BSPP
V24-SDS-S12-G38A	12 mm	3/8" BSPP
V24-SDS-S14-G12A	14 mm	1/2" BSPP
V24-SDS-S16-G38A	16 mm	3/8" BSPP
V24-SDS-S16-G12A	16 mm	1/2" BSPP
V24-SDS-S20-G34A	20 mm	3/4" BSPP
V24-SDS-S25-G1A	25 mm	1" BSPP
V24-SDS-S30-G114A	30 mm	1 1/4" BSPP
V24-SDS-S38-G114A	38 mm	1 1/4" BSPP



LIGHT SERIES

New

STUD COUPLING BSPT MALE



8610

PART NUMBER	TUBE OD	THREAD
V24-SDS-L6-R18T	6 mm	1/8" BSPT
V24-SDS-L6-R14T	6 mm	1/4" BSPT
V24-SDS-L8-R18T	8 mm	1/8" BSPT
V24-SDS-L8-R14T	8 mm	1/4" BSPT
V24-SDS-L8-R38T	8 mm	3/8" BSPT
V24-SDS-L8-R12T	8 mm	1/2" BSPT
V24-SDS-L10-R14T	10 mm	1/4" BSPT
V24-SDS-L10-R38T	10 mm	3/8" BSPT
V24-SDS-L10-R12T	10 mm	1/2" BSPT
V24-SDS-L12-R14T	12 mm	1/4" BSPT
V24-SDS-L12-R38T	12 mm	3/8" BSPT
V24-SDS-L12-R12T	12 mm	1/2" BSPT
V24-SDS-L15-R14T	15 mm	1/4" BSPT
V24-SDS-L15-R38T	15 mm	3/8" BSPT
V24-SDS-L15-R12T	15 mm	1/2" BSPT
V24-SDS-L18-R12T	18 mm	1/2" BSPT
V24-SDS-L22-R12T	22 mm	1/2" BSPT
V24-SDS-L22-R34T	22 mm	3/4" BSPT
V24-SDS-L28-R34T	28 mm	3/4" BSPT
V24-SDS-L28-R1T	28 mm	1" BSPT

HEAVY SERIES

New

STUD COUPLING BSPT MALE



8610

PART NUMBER	TUBE OD	THREAD
V24-SDS-S6-R14T	6 mm	1/4" BSPT
V24-SDS-S8-R14T	8 mm	1/4" BSPT
V24-SDS-S10-R38T	10 mm	3/8" BSPT
V24-SDS-S12-R14T	12 mm	1/4" BSPT
V24-SDS-S12-R38T	12 mm	3/8" BSPT
V24-SDS-S14-R38T	14 mm	3/8" BSPT
V24-SDS-S16-R38T	16 mm	3/8" BSPT
V24-SDS-S16-R12T	16 mm	1/2" BSPT

New

STUD COUPLING NPT MALE



8610

PART NUMBER	TUBE OD	THREAD
V24-SDS-L6-N18T	6 mm	1/8" NPT
V24-SDS-L6-N14T	6 mm	1/4" NPT
V24-SDS-L8-N18T	8 mm	1/8" NPT
V24-SDS-L8-N14T	8 mm	1/4" NPT
V24-SDS-L8-N38T	8 mm	3/8" NPT
V24-SDS-L10-N14T	10 mm	1/4" NPT
V24-SDS-L10-N38T	10 mm	3/8" NPT
V24-SDS-L10-N12T	10 mm	1/2" NPT
V24-SDS-L12-N14T	12 mm	1/4" NPT
V24-SDS-L12-N38T	12 mm	3/8" NPT
V24-SDS-L12-N12T	12 mm	1/2" NPT
V24-SDS-L15-N38T	15 mm	3/8" NPT
V24-SDS-L15-N12T	15 mm	1/2" NPT
V24-SDS-L18-N12T	18 mm	1/2" NPT
V24-SDS-L18-N34T	18 mm	3/4" NPT
V24-SDS-L22-N12T	22 mm	1/2" NPT
V24-SDS-L22-N34T	22 mm	3/4" NPT
V24-SDS-L28-N1T	28 mm	1" NPT
V24-SDS-L35-N114T	35 mm	1 1/4" NPT
V24-SDS-L42-N112T	42 mm	1 1/2" NPT

New

STUD COUPLING NPT MALE



8610

PART NUMBER	TUBE OD	THREAD
V24-SDS-S8-N14T	8 mm	1/4" NPT
V24-SDS-S10-N14T	10 mm	1/4" NPT
V24-SDS-S10-N38T	10 mm	3/8" NPT
V24-SDS-S12-N38T	12 mm	3/8" NPT
V24-SDS-S12-N12T	12 mm	1/2" NPT
V24-SDS-S14-N12T	14 mm	1/2" NPT
V24-SDS-S16-N38T	16 mm	3/8" NPT
V24-SDS-S16-N12T	16 mm	1/2" NPT
V24-SDS-S16-N34T	16 mm	3/4" NPT
V24-SDS-S20-N12T	20 mm	1/2" NPT
V24-SDS-S20-N34T	20 mm	3/4" NPT
V24-SDS-S25-N34T	25 mm	3/4" NPT
V24-SDS-S25-N1T	25 mm	1" NPT
V24-SDS-S30-N1T	30 mm	1" NPT
V24-SDS-S30-N114T	30 mm	1 1/4" NPT
V24-SDS-S38-N112T	38 mm	1 1/2" NPT



LIGHT SERIES

New



**STUD COUPLING – FORM B
BSSP MALE WITH SEALING EDGE**

PART NUMBER	TUBE OD	THREAD
V24-SDS-L6-G18B	6 mm	1/8" BSPP
V24-SDS-L6-G14B	6 mm	1/4" BSPP
V24-SDS-L6-G38B	6 mm	3/8" BSPP
V24-SDS-L6-G12B	6 mm	1/2" BSPP
V24-SDS-L8-G18B	8 mm	1/8" BSPP
V24-SDS-L8-G14B	8 mm	1/4" BSPP
V24-SDS-L8-G38B	8 mm	3/8" BSPP
V24-SDS-L8-G12B	8 mm	1/2" BSPP
V24-SDS-L10-G18B	10 mm	1/8" BSPP
V24-SDS-L10-G14B	10 mm	1/4" BSPP
V24-SDS-L10-G38B	10 mm	3/8" BSPP
V24-SDS-L10-G12B	10 mm	1/2" BSPP
V24-SDS-L12-G14B	12 mm	1/4" BSPP
V24-SDS-L12-G38B	12 mm	3/8" BSPP
V24-SDS-L12-G12B	12 mm	1/2" BSPP
V24-SDS-L12-G34B	12 mm	3/4" BSPP
V24-SDS-L15-G14B	15 mm	1/4" BSPP
V24-SDS-L15-G38B	15 mm	3/8" BSPP
V24-SDS-L15-G12B	15 mm	1/2" BSPP
V24-SDS-L15-G34B	15 mm	3/4" BSPP
V24-SDS-L18-G38B	15 mm	3/8" BSPP
V24-SDS-L18-G12B	18 mm	1/2" BSPP
V24-SDS-L18-G34B	18 mm	3/4" BSPP
V24-SDS-L18-G1B	18 mm	1" BSPP
V24-SDS-L22-G12B	22 mm	1/2" BSPP
V24-SDS-L22-G34B	22 mm	3/4" BSPP
V24-SDS-L22-G1B	22 mm	1" BSPP
V24-SDS-L28-G114B	22 mm	1 1/4" BSPP
V24-SDS-L28-G34B	28 mm	3/4" BSPP
V24-SDS-L28-G1B	28 mm	1" BSPP
V24-SDS-L35-G34B	35 mm	3/4" BSPP
V24-SDS-L35-G1B	35 mm	1" BSPP
V24-SDS-L35-G114B	35 mm	1 1/4" BSPP
V24-SDS-L35-G112B	35 mm	1 1/2" BSPP
V24-SDS-L42-G1B	42 mm	1" BSPP
V24-SDS-L42-G114B	42 mm	1 1/4" BSPP
V24-SDS-L42-G112B	42 mm	1 1/2" BSPP

HEAVY SERIES

New



**STUD COUPLING – FORM B
BSSP MALE WITH SEALING EDGE**

PART NUMBER	TUBE OD	THREAD
V24-SDS-S6-G14B	6 mm	1/4" BSPP
V24-SDS-S6-G38B	6 mm	3/8" BSPP
V24-SDS-S6-G12B	6 mm	1/2" BSPP
V24-SDS-S8-G14B	8 mm	1/4" BSPP
V24-SDS-S8-G38B	8 mm	3/8" BSPP
V24-SDS-S8-G12B	8 mm	1/2" BSPP
V24-SDS-S10-G14B	10 mm	1/4" BSPP
V24-SDS-S10-G38B	10 mm	3/8" BSPP
V24-SDS-S10-G12B	10 mm	1/2" BSPP
V24-SDS-S12-G14B	12 mm	1/4" BSPP
V24-SDS-S12-G38B	12 mm	3/8" BSPP
V24-SDS-S12-G12B	12 mm	1/2" BSPP
V24-SDS-S12-G34B	12 mm	3/4" BSPP
V24-SDS-S14-G38B	14 mm	3/8" BSPP
V24-SDS-S14-G12B	14 mm	1/2" BSPP
V24-SDS-S14-G34B	14 mm	3/4" BSPP
V24-SDS-S16-G38B	16 mm	3/8" BSPP
V24-SDS-S16-G12B	16 mm	1/2" BSPP
V24-SDS-S16-G34B	16 mm	3/4" BSPP
V24-SDS-S20-G12B	20 mm	1/2" BSPP
V24-SDS-S20-G34B	20 mm	3/4" BSPP
V24-SDS-S20-G1B	20 mm	1" BSPP
V24-SDS-S25-G34B	25 mm	3/4" BSPP
V24-SDS-S25-G1B	25 mm	1" BSPP
V24-SDS-S25-G114B	25 mm	1 1/4" BSPP
V24-SDS-S30-G34B	30 mm	3/4" BSPP
V24-SDS-S30-G1B	30 mm	1" BSPP
V24-SDS-S30-G114B	30 mm	1 1/4" BSPP
V24-SDS-S38-G114B	38 mm	1 1/4" BSPP
V24-SDS-S38-G1B	38 mm	1" BSPP
V24-SDS-S38-G112B	38 mm	1 1/2" BSPP

Four

New



**GAUGE – FORM B
BSSP MALE**

PART NUMBER	TUBE OD	THREAD
V24-PGS-L6-IG14B	6 mm	1/4" BSPP
V24-PGS-L8-IG14B	8 mm	1/4" BSPP
V24-PGS-L10-IG14B	10 mm	1/4" BSPP
V24-PGS-L12-IG14B	12 mm	1/4" BSPP

New



**GAUGE – FORM B
BSSP MALE**

PART NUMBER	TUBE OD	THREAD
V24-PGS-S8-IG14B	8 mm	1/4" BSPP
V24-PGS-S12-IG14B	12 mm	1/4" BSPP
V24-PGS-S8-IG12B	8 mm	1/2" BSPP
V24-PGS-S10-IG12B	10 mm	1/2" BSPP
V24-PGS-S12-IG12B	12 mm	1/2" BSPP



LIGHT SERIES



8610

STUD COUPLING – FORM B
BSPP MALE WITH SEALING RING

PART NUMBER	TUBE OD	THREAD
V24-SDS-L6-G18E	6 mm	1/8" BSPP
V24-SDS-L6-G14E	6 mm	1/4" BSPP
V24-SDS-L6-G38E	6 mm	3/8" BSPP
V24-SDS-L8-G14E	8 mm	1/4" BSPP
V24-SDS-L8-G38E	8 mm	3/8" BSPP
V24-SDS-L8-G12E	8 mm	1/2" BSPP
V24-SDS-L10-G18E	10 mm	1/8" BSPP
V24-SDS-L10-G14E	10 mm	1/4" BSPP
V24-SDS-L10-G38E	10 mm	3/8" BSPP
V24-SDS-L10-G12E	10 mm	1/2" BSPP
V24-SDS-L12-G14E	12 mm	1/4" BSPP
V24-SDS-L12-G38E	12 mm	3/8" BSPP
V24-SDS-L12-G12E	12 mm	1/2" BSPP
V24-SDS-L12-G34E	12 mm	3/4" BSPP
V24-SDS-L15-G38E	15 mm	3/8" BSPP
V24-SDS-L15-G12E	15 mm	1/2" BSPP
V24-SDS-L15-G34E	15 mm	3/4" BSPP
V24-SDS-L18-G38E	18 mm	3/8" BSPP
V24-SDS-L18-G12E	18 mm	1/2" BSPP
V24-SDS-L18-G34E	18 mm	3/4" BSPP
V24-SDS-L18-G1E	18 mm	1" BSPP
V24-SDS-L22-G12E	22 mm	1/2" BSPP
V24-SDS-L22-G34E	22 mm	3/4" BSPP
V24-SDS-L22-G1E	22 mm	1" BSPP
V24-SDS-L22-G114E	22 mm	1 1/4" BSPP
V24-SDS-L28-G114E	28 mm	1 1/4" BSPP
V24-SDS-L28-G34E	28 mm	3/4" BSPP
V24-SDS-L28-G1E	28 mm	1" BSPP
V24-SDS-L35-G1E	35 mm	1" BSPP
V24-SDS-L35-G114E	35 mm	1 1/4" BSPP
V24-SDS-L35-G112E	35 mm	1 1/2" BSPP
V24-SDS-L42-G114E	42 mm	1 1/4" BSPP
V24-SDS-L42-G112E	42 mm	1 1/2" BSPP

HEAVY SERIES



8610

STUD COUPLING – FORM E
BSPP MALE WITH SEALING RING

PART NUMBER	TUBE OD	THREAD
V24-SDS-S6-G14E	6 mm	1/4" BSPP
V24-SDS-S6-G38E	6 mm	3/8" BSPP
V24-SDS-S8-G38E	8 mm	3/8" BSPP
V24-SDS-S8-G14E	8 mm	1/4" BSPP
V24-SDS-S10-G14E	10 mm	1/4" BSPP
V24-SDS-S10-G38E	10 mm	3/8" BSPP
V24-SDS-S10-G12E	10 mm	1/2" BSPP
V24-SDS-S12-G14E	12 mm	1/4" BSPP
V24-SDS-S12-G38E	12 mm	3/8" BSPP
V24-SDS-S12-G12E	12 mm	1/2" BSPP
V24-SDS-S12-G34E	12 mm	3/4" BSPP
V24-SDS-S14-G38E	14 mm	3/8" BSPP
V24-SDS-S14-G12E	14 mm	1/2" BSPP
V24-SDS-S16-G38E	16 mm	3/8" BSPP
V24-SDS-S16-G12E	16 mm	1/2" BSPP
V24-SDS-S16-G34E	16 mm	3/4" BSPP
V24-SDS-S16-G1E	16 mm	1" BSPP
V24-SDS-S20-G12E	20 mm	1/2" BSPP
V24-SDS-S20-G34E	20 mm	3/4" BSPP
V24-SDS-S20-G1E	20 mm	1" BSPP
V24-SDS-S25-G34E	25 mm	3/4" BSPP
V24-SDS-S25-G1E	25 mm	1" BSPP
V24-SDS-S25-G114E	25 mm	1 1/4" BSPP
V24-SDS-S30-G1E	30 mm	1" BSPP
V24-SDS-S30-G114E	30 mm	1 1/4" BSPP
V24-SDS-S38-G114E	38 mm	1 1/4" BSPP
V24-SDS-S38-G1E	38 mm	1" BSPP
V24-SDS-S38-G112E	38 mm	1 1/2" BSPP



8610

SWIVEL CONNECTOR – FORM E
BSPP MALE WITH SEALING RING

PART NUMBER	TUBE OD	THREAD
V24-SWOSDS-L6-G18E	6 mm	1/8" BSPP
V24-SWOSDS-L8-G14E	8 mm	1/4" BSPP
V24-SWOSDS-L10-G14E	10 mm	1/4" BSPP
V24-SWOSDS-L12-G38E	12 mm	3/8" BSPP
V24-SWOSDS-L15-G12E	15 mm	1/2" BSPP
V24-SWOSDS-L18-G12E	18 mm	1/2" BSPP
V24-SWOSDS-L22-G34E	22 mm	3/4" BSPP
V24-SWOSDS-L28-G1E	28 mm	1" BSPP
V24-SWOSDS-L35-G114E	35 mm	1 1/4" BSPP
V24-SWOSDS-L42-G112E	42 mm	1 1/2" BSPP



8610

SWIVEL CONNECTOR – FORM E
BSPP MALE WITH SEALING RING

PART NUMBER	TUBE OD	THREAD
V24-SWOSDS-S6-G14E	6 mm	1/4" BSPP
V24-SWOSDS-S8-G14E	8 mm	1/4" BSPP
V24-SWOSDS-S10-G38E	10 mm	3/8" BSPP
V24-SWOSDS-S12-G38E	12 mm	3/8" BSPP
V24-SWOSDS-S14-G12E	14 mm	1/2" BSPP
V24-SWOSDS-S16-G12E	16 mm	1/2" BSPP
V24-SWOSDS-S20-G34E	20 mm	3/4" BSPP
V24-SWOSDS-S25-G1E	25 mm	1" BSPP
V24-SWOSDS-S30-G114E	30 mm	1 1/4" BSPP
V24-SWOSDS-S38-G112E	38 mm	1 1/2" BSPP



LIGHT SERIES

New



8610

STUD COUPLING – FORM E METRIC MALE WITH SEALING RING

PART NUMBER	TUBE OD	THREAD
V24-SDS-L6-M10E	6 mm	M10 x 1.0
V24-SDS-L6-M12E	6 mm	M12 x 1.5
V24-SDS-L6-M14E	6 mm	M14 x 1.5
V24-SDS-L8-M10E	8 mm	M10 x 1.0
V24-SDS-L8-M12E	8 mm	M12 x 1.5
V24-SDS-L8-M14E	8 mm	M14 x 1.5
V24-SDS-L8-M16E	8 mm	M16 x 1.5
V24-SDS-L8-M18E	8 mm	M18 x 1.5
V24-SDS-L8-M22E	8 mm	M22 x 1.5
V24-SDS-L10-M10E	10 mm	M10 x 1.0
V24-SDS-L10-M12E	10 mm	M12 x 1.5
V24-SDS-L10-M14E	10 mm	M14 x 1.5
V24-SDS-L10-M16E	10 mm	M16 x 1.5
V24-SDS-L10-M18E	10 mm	M18 x 1.5
V24-SDS-L10-M22E	10 mm	M22 x 1.5
V24-SDS-L12-M12E	12 mm	M12 x 1.5
V24-SDS-L12-M16E	12 mm	M16 x 1.5
V24-SDS-L12-M18E	12 mm	M18 x 1.5
V24-SDS-L12-M22E	12 mm	M22 x 1.5
V24-SDS-L15-M16E	15 mm	M16 x 1.5
V24-SDS-L15-M18E	15 mm	M18 x 1.5
V24-SDS-L15-M22E	15 mm	M22 x 1.5
V24-SDS-L15-M26E	15 mm	M26 x 1.5
V24-SDS-L18-M18E	18 mm	M18 x 1.5
V24-SDS-L18-M22E	18 mm	M22 x 1.5
V24-SDS-L18-M26E	18 mm	M26 x 1.5
V24-SDS-L22-M22E	22 mm	M22 x 1.5
V24-SDS-L22-M26E	22 mm	M26 x 1.5
V24-SDS-L22-M27E	22 mm	M27 x 2.0
V24-SDS-L22-M33E	22 mm	M33 x 2.0
V24-SDS-L28-M26E	28 mm	M26 x 1.5
V24-SDS-L28-M33E	28 mm	M33 x 2.0
V24-SDS-L28-M42E	28 mm	M42 x 2.0
V24-SDS-L35-M42E	35 mm	M42 x 2.0
V24-SDS-L42-M48E	42 mm	M48 x 2.0

HEAVY SERIES

New



8610

STUD COUPLING – FORM E METRIC MALE WITH SEALING RING

PART NUMBER	TUBE OD	THREAD
V24-SDS-S6-M12E	6 mm	M12 x 1.5
V24-SDS-S8-M14E	8 mm	M14 x 1.5
V24-SDS-S10-M16E	10 mm	M16 x 1.5
V24-SDS-S12-M18E	12 mm	M18 x 1.5
V24-SDS-S12-M22E	12 mm	M22 x 1.5
V24-SDS-S14-M20E	14 mm	M20 x 1.5
V24-SDS-S16-M22E	16 mm	M22 x 1.5
V24-SDS-S16-M27E	16 mm	M27 x 2.0
V24-SDS-S20-M22E	20 mm	M22 x 1.5
V24-SDS-S20-M26E	20 mm	M26 x 1.5
V24-SDS-S20-M27E	20 mm	M27 x 2.0
V24-SDS-S25-M33E	25 mm	M23 x 2.0
V24-SDS-S30-M42E	30 mm	M42 x 2.0
V24-SDS-S38-M48E	38 mm	M48 x 2.0



New



8610

STRAIGHT CONNECTOR BSPP FEMALE

PART NUMBER	TUBE OD	THREAD
V24-S-L6-IG18	6 mm	1/8" BSPP
V24-S-L8-IG14	8 mm	1/4" BSPP
V24-S-L8-IG38	8 mm	3/8" BSPP
V24-S-L8-IG12	8 mm	1/2" BSPP
V24-S-L10-IG14	10 mm	1/4" BSPP
V24-S-L10-IG38	10 mm	3/8" BSPP
V24-S-L10-IG12	10 mm	1/2" BSPP
V24-S-L12-IG38	12 mm	3/8" BSPP
V24-S-L12-IG14	12 mm	1/4" BSPP
V24-S-L12-IG12	12 mm	1/2" BSPP
V24-S-L15-IG12	15 mm	1/2" BSPP
V24-S-L15-IG38	15 mm	3/8" BSPP
V24-S-L18-IG12	18 mm	1/2" BSPP
V24-S-L22-IG34	22 mm	3/4" BSPP
V24-S-L28-IG1	28 mm	1" BSPP
V24-S-L35-IG114	35 mm	1 1/4" BSPP
V24-S-L42-IG112	42 mm	1 1/2" BSPP

New



8610

STRAIGHT CONNECTOR BSPP FEMALE

PART NUMBER	TUBE OD	THREAD
V24-S-S6-IG14	6 mm	1/4" BSPP
V24-S-S8-IG14	8 mm	1/4" BSPP
V24-S-S10-IG38	10 mm	3/8" BSPP
V24-S-S12-IG38	12 mm	3/8" BSPP
V24-S-S12-IG14	12 mm	1/4" BSPP
V24-S-S12-IG12	12 mm	1/2" BSPP
V24-S-S14-IG12	14 mm	1/2" BSPP
V24-S-S16-IG12	16 mm	1/2" BSPP
V24-S-S20-IG34	20 mm	3/4" BSPP
V24-S-S25-IG1	25 mm	1" BSPP
V24-S-S30-IG114	30 mm	1 1/4" BSPP
V24-S-S38-IG112	38 mm	1 1/2" BSPP

LIGHT SERIES

New



8610

**SWIVEL STRAIGHT UNION
METRIC FEMALE**

PART NUMBER	TUBE OD
V24-SW2OS-L6	6 mm
V24-SW2OS-L8	8 mm
V24-SW2OS-L10	10 mm
V24-SW2OS-L12	12 mm
V24-SW2OS-L15	15 mm
V24-SW2OS-L18	18 mm
V24-SW2OS-L22	22 mm
V24-SW2OS-L28	28 mm
V24-SW2OS-L35	35 mm
V24-SW2OS-L42	42 mm

HEAVY SERIES

New

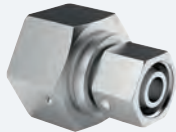


8610

**SWIVEL STRAIGHT UNION
METRIC FEMALE**

PART NUMBER	TUBE OD
V24-SW2OS-S6	6 mm
V24-SW2OS-S8	8 mm
V24-SW2OS-S10	10 mm
V24-SW2OS-S12	12 mm
V24-SW2OS-S14	14 mm
V24-SW2OS-S16	16 mm
V24-SW2OS-S20	20 mm
V24-SW2OS-S25	25 mm
V24-SW2OS-S30	30 mm
V24-SW2OS-S38	38 mm

New

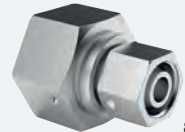


8610

**SWIVEL STRAIGHT REDUCER
METRIC FEMALE**

PART NUMBER	TUBE OD	TUBE OD
V24-SW2OS-L8-L6-1	8 mm	6 mm
V24-SW2OS-L10-L6-1	10 mm	6 mm
V24-SW2OS-L10-L8-1	10 mm	8 mm
V24-SW2OS-L12-L6-1	12 mm	6 mm
V24-SW2OS-L12-L8-1	12 mm	8 mm
V24-SW2OS-L12-L10-1	12 mm	10 mm
V24-SW2OS-L15-L8-12	15 mm	8 mm
V24-SW2OS-L15-L10-12	15 mm	10 mm
V24-SW2OS-L15-L12-1	15 mm	12 mm
V24-SW2OS-L18-L10-1	18 mm	10 mm
V24-SW2OS-L18-L12-1	18 mm	12 mm
V24-SW2OS-L18-L15	18 mm	15 mm
V24-SW2OS-L22-L12-1	22 mm	12 mm
V24-SW2OS-L22-L15-12	22 mm	15 mm
V24-SW2OS-L22-L18-1	22 mm	18 mm
V24-SW2OS-L28-L15	28 mm	15 mm
V24-SW2OS-L28-L18-2	28 mm	18 mm
V24-SW2OS-L28-L22-1	28 mm	22 mm
V24-SW2OS-L35-L18-12	35 mm	18 mm
V24-SW2OS-L35-L22-1	35 mm	22 mm
V24-SW2OS-L35-L28-1	35 mm	28 mm
V24-SW2OS-L42-L22	42 mm	22 mm
V24-SW2OS-L42-L28-2	42 mm	28 mm
V24-SW2OS-L42-L35-1	42 mm	35 mm

New



8610

**SWIVEL STRAIGHT REDUCER
METRIC FEMALE**

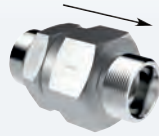
PART NUMBER	TUBE OD	TUBE OD
V24-SW2OS-S8-S6-1	8 mm	6 mm
V24-SW2OS-S10-S6-1	10 mm	6 mm
V24-SW2OS-S10-S8-1	10 mm	8 mm
V24-SW2OS-S12-S6-1	12 mm	6 mm
V24-SW2OS-S12-S8-1	12 mm	8 mm
V24-SW2OS-S12-S10-1	12 mm	10 mm
V24-SW2OS-S16-S10-1	16 mm	10 mm
V24-SW2OS-S16-S12-1	16 mm	12 mm
V24-SW2OS-S20-S12-1	20 mm	12 mm
V24-SW2OS-S20-S16-1	20 mm	16 mm
V24-SW2OS-S25-S16-1	25 mm	16 mm
V24-SW2OS-S25-S20	25 mm	20 mm
V24-SW2OS-S30-S16-1	30 mm	16 mm
V24-SW2OS-S30-S20-1	30 mm	20 mm
V24-SW2OS-S30-S25-1	30 mm	25 mm
V24-SW2OS-S38-S20-1	38 mm	20 mm
V24-SW2OS-S38-S25-1	38 mm	25 mm
V24-SW2OS-S38-S30	38 mm	30 mm

SIZING INFORMATION

LIGHT SERIES	
TUBE OD	THREAD
6 mm	M12 x 1.5
8 mm	M14 x 1.5
10 mm	M16 x 1.5
12 mm	M18 x 1.5
15 mm	M22 x 1.5
18 mm	M26 x 1.5
22 mm	M30 x 2.0
28 mm	M36 x 2.0
35 mm	M45 x 2.0
42 mm	M52 x 2.0

HEAVY SERIES	
TUBE OD	THREAD
6 mm	M14 x 1.5
8 mm	M16 x 1.5
10 mm	M18 x 1.5
12 mm	M20 x 1.5
14 mm	M22 x 1.5
16 mm	M24 x 1.5
20 mm	M30 x 2.0
25 mm	M36 x 2.0
30 mm	M42 x 2.0
38 mm	M52 x 2.0

LIGHT SERIES

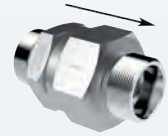


8610

NON RETURN VALVE METRIC MALE

PART NUMBER	TUBE OD
V24-VNRO-L6	6 mm
V24-VNRO-L8	8 mm
V24-VNRO-L10	10 mm
V24-VNRO-L12	12 mm
V24-VNRO-L15	15 mm
V24-VNRO-L18	18 mm
V24-VNRO-L22	22 mm
V24-VNRO-L28	28 mm
V24-VNRO-L35	35 mm
V24-VNRO-L42	42 mm

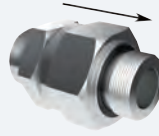
HEAVY SERIES



8610

NON RETURN VALVE METRIC MALE

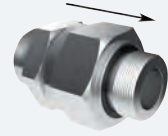
PART NUMBER	TUBE OD
V24-VNRO-S6	6 mm
V24-VNRO-S8	8 mm
V24-VNRO-S10	10 mm
V24-VNRO-S12	12 mm
V24-VNRO-S14	14 mm
V24-VNRO-S16	16 mm
V24-VNRO-S20	20 mm
V24-VNRO-S25	25 mm
V24-VNRO-S30	30 mm
V24-VNRO-S38	38 mm



8610

NON RETURN VALVE – FORM E BSPP MALE

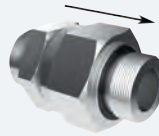
PART NUMBER	TUBE OD	THREAD
V24-VNROTP-L6-G18E	6 mm	1/8" BSPP
V24-VNROTP-L8-G14E	8 mm	1/4" BSPP
V24-VNROTP-L10-G14E	10 mm	1/4" BSPP
V24-VNROTP-L12-G38E	12 mm	3/8" BSPP
V24-VNROTP-L15-G12E	15 mm	1/2" BSPP
V24-VNROTP-L18-G12E	18 mm	1/2" BSPP
V24-VNROTP-L22-G34E	22 mm	3/4" BSPP
V24-VNROTP-L28-G1E	28 mm	1" BSPP
V24-VNROTP-L35-G114E	35 mm	1 1/4" BSPP
V24-VNROTP-L42-G112E	42 mm	1 1/2" BSPP



8610

NON RETURN VALVE – FORM E BSPP MALE

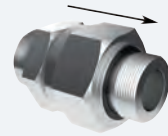
PART NUMBER	TUBE OD	THREAD
V24-VNROTP-S6-G14E	6 mm	1/4" BSPP
V24-VNROTP-S8-G14E	8 mm	1/4" BSPP
V24-VNROTP-S10-G38E	10 mm	3/8" BSPP
V24-VNROTP-S12-G38E	12 mm	3/8" BSPP
V24-VNROTP-S14-G12E	14 mm	1/2" BSPP
V24-VNROTP-S16-G12E	16 mm	1/2" BSPP
V24-VNROTP-S20-G34E	20 mm	3/4" BSPP
V24-VNROTP-S25-G1E	25 mm	1" BSPP
V24-VNROTP-S30-G114E	30 mm	1 1/4" BSPP
V24-VNROTP-S38-G112E	38 mm	1 1/2" BSPP



8610

NON RETURN VALVE – FORM E METRIC MALE

PART NUMBER	TUBE OD	THREAD
V24-VNROTP-L6-M10E	6 mm	M10 x 1.0
V24-VNROTP-L8-M12E	8 mm	M12 x 1.5
V24-VNROTP-L10-M14E	10 mm	M14 x 1.5
V24-VNROTP-L12-M16E	12 mm	M16 x 1.5
V24-VNROTP-L15-M18E	15 mm	M18 x 1.5
V24-VNROTP-L18-M22E	18 mm	M22 x 1.5
V24-VNROTP-L22-M26E	22 mm	M26 x 1.5
V24-VNROTP-L28-M33E	28 mm	M33 x 1.5
V24-VNROTP-L35-M42E	35 mm	M42 x 2.0
V24-VNROTP-L42-M48E	42 mm	M48 x 2.0



8610

NON RETURN VALVE – FORM E METRIC MALE

PART NUMBER	TUBE OD	THREAD
V24-VNROTP-S6-M12E	6 mm	M12 x 1.5
V24-VNROTP-S8-M14E	8 mm	M14 x 1.5
V24-VNROTP-S10-M16E	10 mm	M16 x 1.5
V24-VNROTP-S12-M18E	12 mm	M18 x 1.5
V24-VNROTP-S16-M22E	16 mm	M22 x 1.5
V24-VNROTP-S20-M27E	20 mm	M27 x 2.0
V24-VNROTP-S25-M33E	25 mm	M33 x 2.0
V24-VNROTP-S30-M42E	30 mm	M42 x 2.0
V24-VNROTP-S38-M48E	38 mm	M48 x 2.0



LIGHT SERIES

New

STUD ELBOW NPT MALE



8610

PART NUMBER	TUBE OD	THREAD
V24-SDE-L6-N18T-P	6 mm	1/8" NPT
V24-SDE-L6-N14T-P	6 mm	1/4" NPT
V24-SDE-L8-N14T-P	8 mm	1/4" NPT
V24-SDE-L10-N14T-P	10 mm	1/4" NPT
V24-SDE-L12-N38T-P	12 mm	3/8" NPT
V24-SDE-L12-N14T-P	12 mm	1/4" NPT
V24-SDE-L12-N12T	12 mm	1/2" NPT
V24-SDE-L15-N12T	15 mm	1/2" NPT
V24-SDE-L18-N12T	18 mm	1/2" NPT
V24-SDE-L22-N34T	22 mm	3/4" NPT
V24-SDE-L28-N1T	28 mm	1" NPT
V24-SDE-L35-N114T	35 mm	1 1/4" NPT
V24-SDE-L42-N112T	42 mm	1 1/2" NPT

HEAVY SERIES

New

STUD ELBOW NPT MALE



8610

PART NUMBER	TUBE OD	THREAD
V24-SDE-S6-N14T-P	6 mm	1/4" NPT
V24-SDE-S8-N14T-P	8 mm	1/4" NPT
V24-SDE-S10-N38T-P	10 mm	3/8" NPT
V24-SDE-S12-N38T-P	12 mm	3/8" NPT
V24-SDE-S16-N12T	16 mm	1/2" NPT
V24-SDE-S20-N34T	20 mm	3/4" NPT
V24-SDE-S25-N1T	25 mm	1" NPT
V24-SDE-S38-N112T	38 mm	1 1/2" NPT

New

STUD ELBOW BSPT MALE



8610

PART NUMBER	TUBE OD	THREAD
V24-SDE-L6-R18T-P	6 mm	1/8" BSPT
V24-SDE-L6-R14T-P	6 mm	1/4" BSPT
V24-SDE-L6-R38T-P	6 mm	3/8" BSPT
V24-SDE-L8-R18T-P	8 mm	1/8" BSPT
V24-SDE-L8-R14T-P	8 mm	1/4" BSPT
V24-SDE-L8-R38T-P	8 mm	3/8" BSPT
V24-SDE-L10-R18T-P	10 mm	1/8" BSPT
V24-SDE-L10-R14T-P	10 mm	1/4" BSPT
V24-SDE-L10-R38T-P	10 mm	3/8" BSPT
V24-SDE-L12-R14T-P	12 mm	1/4" BSPT
V24-SDE-L12-R38T-P	12 mm	3/8" BSPT
V24-SDE-L12-R12T	12 mm	1/2" BSPT
V24-SDE-L15-R38T	15 mm	3/8" BSPT
V24-SDE-L15-R12T	15 mm	1/2" BSPT
V24-SDE-L18-R12T	18 mm	1/2" BSPT
V24-SDE-L18-R34T	18 mm	3/4" BSPT
V24-SDE-L22-R34T	22 mm	3/4" BSPT

New

STUD ELBOW BSPT MALE



8610

PART NUMBER	TUBE OD	THREAD
V24-SDE-S6-R14T-P	6 mm	1/4" BSPT
V24-SDE-S8-R14T-P	8 mm	1/4" BSPT
V24-SDE-S10-R38T-P	10 mm	3/8" BSPT
V24-SDE-S12-R38T-P	12 mm	3/8" BSPT
V24-SDE-S12-R12T	12 mm	1/2" BSPT
V24-SDE-S14-R38T	14 mm	3/8" BSPT
V24-SDE-S14-R12T	14 mm	1/2" BSPT
V24-SDE-S16-R12T	16 mm	1/2" BSPT
V24-SDE-S20-R12T	20 mm	1/2" BSPT
V24-SDE-S20-R34T	20 mm	3/4" BSPT

New

SWIVEL ELBOW METRIC MALE / FEMALE WITH O-RING



8610

PART NUMBER	TUBE OD
V24-SWOE-L6-P	6 mm
V24-SWOE-L8-P	8 mm
V24-SWOE-L10	10 mm
V24-SWOE-L12	12 mm
V24-SWOE-L15	15 mm
V24-SWOE-L18	18 mm
V24-SWOE-L22	22 mm
V24-SWOE-L28	28 mm
V24-SWOE-L35	35 mm
V24-SWOE-L42	42 mm

New

SWIVEL ELBOW METRIC MALE / FEMALE WITH O-RING



8610

PART NUMBER	TUBE OD
V24-SWOE-S6-P	6 mm
V24-SWOE-S8-P	8 mm
V24-SWOE-S10-P	10 mm
V24-SWOE-S12	12 mm
V24-SWOE-S14	14 mm
V24-SWOE-S16	16 mm
V24-SWOE-S20	20 mm
V24-SWOE-S25	25 mm
V24-SWOE-S30	30 mm
V24-SWOE-S38	38 mm

LIGHT SERIES

HEAVY SERIES

New



8610

**ADJUSTABLE ELBOW – FORM E
BSPP MALE**

PART NUMBER	TUBE OD	THREAD
V24-SDAE-L6-G18E	6 mm	1/8" BSPP
V24-SDAE-L6-G14E	6 mm	1/4" BSPP
V24-SDAE-L8-G14E	8 mm	1/4" BSPP
V24-SDAE-L10-G14E	10 mm	1/4" BSPP
V24-SDAE-L12-G38E	12 mm	3/8" BSPP
V24-SDAE-L12-G14E	12 mm	1/4" BSPP
V24-SDAE-L12-G12E	12 mm	1/2" BSPP
V24-SDAE-L15-G12E	15 mm	1/2" BSPP
V24-SDAE-L18-G12E	18 mm	1/2" BSPP
V24-SDAE-L22-G34E	22 mm	3/4" BSPP
V24-SDAE-L28-G1E	28 mm	1" BSPP
V24-SDAE-L28-G34E	28 mm	3/4" BSPP
V24-SDAE-L35-G114E	35 mm	1 1/4" BSPP
V24-SDAE-L42-G112E	42 mm	1 1/2" BSPP

New



8610

**ADJUSTABLE ELBOW – FORM E
BSPP MALE**

PART NUMBER	TUBE OD	THREAD
V24-SDAE-S6-G14E	6 mm	1/4" BSPP
V24-SDAE-S8-G14E	8 mm	1/4" BSPP
V24-SDAE-S10-G38E	10 mm	3/8" BSPP
V24-SDAE-S12-G38E	12 mm	3/8" BSPP
V24-SDAE-S14-G12E	14 mm	1/2" BSPP
V24-SDAE-S16-G12E	16 mm	1/2" BSPP
V24-SDAE-S20-G34E	20 mm	3/4" BSPP
V24-SDAE-S25-G1E	25 mm	1" BSPP
V24-SDAE-S25-G34E	25 mm	3/4" BSPP
V24-SDAE-S30-G114E	30 mm	1 1/4" BSPP
V24-SDAE-S38-G112E	38 mm	1 1/2" BSPP

New



8610

**SWIVEL BRANCH TEE
METRIC MALE / FEMALE WITH O-RING**

PART NUMBER	TUBE OD
V24-SWOT-L6-P	6 mm
V24-SWOT-L8-P	8 mm
V24-SWOT-L10	10 mm
V24-SWOT-L12-P	12 mm
V24-SWOT-L15	15 mm
V24-SWOT-L18	18 mm
V24-SWOT-L22	22 mm
V24-SWOT-L28	28 mm
V24-SWOT-L35	35 mm
V24-SWOT-L42	42 mm

New



8610

**SWIVEL BRANCH TEE
METRIC MALE / FEMALE WITH O-RING**

PART NUMBER	TUBE OD
V24-SWOT-S6-P	6 mm
V24-SWOT-S8-P	8 mm
V24-SWOT-S10-P	10 mm
V24-SWOT-S12	12 mm
V24-SWOT-S14	14 mm
V24-SWOT-S16	16 mm
V24-SWOT-S25	25 mm
V24-SWOT-S30	30 mm
V24-SWOT-S38	38 mm

New



8610

**SWIVEL RUN TEE
METRIC MALE / FEMALE WITH O-RING**

PART NUMBER	TUBE OD
V24-SWOL-L6-P	6 mm
V24-SWOL-L8-P	8 mm
V24-SWOL-L10	10 mm
V24-SWOL-L12-P	12 mm
V24-SWOL-L15	15 mm
V24-SWOL-L18	18 mm
V24-SWOL-L22	22 mm
V24-SWOL-L28	28 mm
V24-SWOL-L35	35 mm
V24-SWOL-L42	42 mm

New



8610

**SWIVEL RUN TEE
METRIC MALE / FEMALE WITH O-RING**

PART NUMBER	TUBE OD
V24-SWOL-S6	6 mm
V24-SWOL-S8-P	8 mm
V24-SWOL-S10-P	10 mm
V24-SWOL-S12	12 mm
V24-SWOL-S14	14 mm
V24-SWOL-S16	16 mm
V24-SWOL-S20	20 mm
V24-SWOL-S25	25 mm
V24-SWOL-S30	30 mm
V24-SWOL-S38	38 mm

LIGHT SERIES

HEAVY SERIES

New



8610

**BANJO COUPLING – FORM E
BSPP MALE THROTTLE FREE**

PART NUMBER	TUBE OD	THREAD
V24-BEE-L6-G18E	6 mm	1/8" BSPP
V24-BEE-L8-G14E	8 mm	1/4" BSPP
V24-BEE-L10-G14E	10 mm	1/4" BSPP
V24-BEE-L12-G38E	12 mm	3/8" BSPP
V24-BEE-L15-G12E	15 mm	1/2" BSPP
V24-BEE-L18-G12E	18 mm	1/2" BSPP
V24-BEE-L22-G34E	22 mm	3/4" BSPP
V24-BEE-L28-G1E	28 mm	1" BSPP
V24-BEE-L35-G114E	35 mm	1 1/4" BSPP
V24-BEE-L42-G112E	42 mm	1 1/2" BSPP

New



8610

**BANJO COUPLING – FORM E
BSPP MALE THROTTLE FREE**

PART NUMBER	TUBE OD	THREAD
V24-BEE-S6-G14E	6 mm	1/4" BSPP
V24-BEE-S8-G14E	8 mm	1/4" BSPP
V24-BEE-S10-G38E	10 mm	3/8" BSPP
V24-BEE-S12-G38E	12 mm	3/8" BSPP
V24-BEE-S16-G12E	16 mm	1/2" BSPP
V24-BEE-S20-G34E	20 mm	3/4" BSPP
V24-BEE-S25-G1E	25 mm	1" BSPP
V24-BEE-S30-G114E	30 mm	1 1/4" BSPP
V24-BEE-S38-G112E	38 mm	1 1/2" BSPP

New



8610

**BANJO COUPLING – FORM E
BSPP MALE WITH SEALING RING**

PART NUMBER	TUBE OD	THREAD
V24-BSE-L6-G18E	6 mm	1/8" BSPP
V24-BSE-L8-G14E	8 mm	1/4" BSPP
V24-BSE-L10-G14E	10 mm	1/4" BSPP
V24-BSE-L12-G38E	12 mm	3/8" BSPP
V24-BSE-L12-G12E	12 mm	1/2" BSPP
V24-BSE-L15-G38E	15 mm	3/8" BSPP
V24-BSE-L15-G12E	15 mm	1/2" BSPP
V24-BSE-L18-G12E	18 mm	1/2" BSPP
V24-BSE-L22-G34E	22 mm	3/4" BSPP

New



8610

**BANJO COUPLING – FORM E
BSPP MALE WITH SEALING RING**

PART NUMBER	TUBE OD	THREAD
V24-BSE-S6-G14E	6 mm	1/4" BSPP
V24-BSE-S8-G14E	8 mm	1/4" BSPP
V24-BSE-S10-G38E	10 mm	3/8" BSPP
V24-BSE-S12-G38E	12 mm	3/8" BSPP
V24-BSE-S16-G12E	16 mm	1/2" BSPP
V24-BSE-S20-G34E	20 mm	3/4" BSPP

New



8610

**BLANKING CAP
METRIC MALE WITH FKM O-RING**

PART NUMBER	TUBE OD
V24-PLO-L/S6	6 mm
V24-PLO-L/S8	8 mm
V24-PLO-L/S10	10 mm
V24-PLO-L/S12	12 mm
V24-PLO-L/S15	15 mm
V24-PLO-L/S18	18 mm
V24-PLO-L/S22	22 mm
V24-PLO-L/S28	28 mm
V24-PLO-L/S35	35 mm
V24-PLO-L/S42	42 mm

New



8610

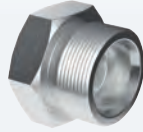
**BLANKING CAP
METRIC MALE WITH FKM O-RING**

PART NUMBER	TUBE OD
V24-PLO-L/S6	6 mm
V24-PLO-L/S8	8 mm
V24-PLO-L/S10	10 mm
V24-PLO-L/S12	12 mm
V24-PLO-S14	14 mm
V24-PLO-S16	16 mm
V24-PLO-S20	20 mm
V24-PLO-S25	25 mm
V24-PLO-S30	30 mm
V24-PLO-S38	38 mm



LIGHT SERIES

New



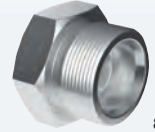
8610

BLANKING PLUG

PART NUMBER	TUBE OD
V24-TBS-L6	6 mm
V24-TBS-L8	8 mm
V24-TBS-L10	10 mm
V24-TBS-L12	12 mm
V24-TBS-L15	15 mm
V24-TBS-L18	18 mm
V24-TBS-L22	22 mm
V24-TBS-L28	28 mm
V24-TBS-L35	35 mm
V24-TBS-L42	42 mm

HEAVY SERIES

New



8610

BLANKING PLUG

PART NUMBER	TUBE OD
V24-TBS-S6	6 mm
V24-TBS-S8	8 mm
V24-TBS-S10	10 mm
V24-TBS-S12	12 mm
V24-TBS-S14	14 mm
V24-TBS-S16	16 mm
V24-TBS-S20	20 mm
V24-TBS-S25	25 mm
V24-TBS-S30	30 mm
V24-TBS-S38	38 mm

FOR USE WITH LIGHT & HEAVY SERIES

New



8610

BLANKING PLUG – FORM F METRIC MALE WITH O-RING

PART NUMBER	THREAD
VGP-PLIH-M10F-C21	M10 x 1.0
VGP-PLIH-M14F-C21	M14 x 1.5
VGP-PLIH-M16F-C21	M16 x 1.5
VGP-PLIH-M18F-C21	M18 x 1.5
VGP-PLIH-M22F-C21	M22 x 1.5
VGP-PLIH-M26F-C21	M26 x 1.5
VGP-PLIH-M27F-C21	M27 x 2.0
VGP-PLIH-M33F-C21	M33 x 2.0
VGP-PLIH-M42F-C21	M42 x 2.0
VGP-PLIH-M48F-C21	M48 x 2.0

New



8610

LOCKING NUT METRIC MALE

PART NUMBER	THREAD
V24-LN-L6-IM12	M12 x 1.5
V24-LN-L8-S6-IM14	M14 x 1.5
V24-LN-L10-S8-IM16	M16 x 1.5
V24-LN-S12-IM20	M20 x 1.5
V24-LN-L15-S14-IM22	M22 x 1.5
V24-LN-S16-IM24	M24 x 1.5
V24-LN-L18-IM26	M26 x 1.5
V24-LN-L22-S20-IM30	M30 x 2.0
V24-LN-L28-S25-IM36	M36 x 2.0
V24-LN-S30-IM42	M42 x 2.0
V24-LN-L35-IM45	M45 x 2.0
V24-LN-L42-S38-IM52	M52 x 2.0

New



8610

BLANKING PLUG – FORM E BSPP MALE WITH SEALING RING

PART NUMBER	THREAD
VGP-PLIH-G18E-C21	1/8" BSPP
VGP-PLIH-G14E-C21	1/4" BSPP
VGP-PLIH-G38E-C21	3/8" BSPP
VGP-PLIH-G12E-C21	1/2" BSPP
VGP-PLIH-G34E-C21	3/4" BSPP
VGP-PLIH-G1E-C21	1" BSPP
VGP-PLIH-G112E-C21	1 1/2" BSPP
VGP-PLIH-G2E-C21	2" BSPP

Recommended

SPECIFICATIONS

Temperature range	-20°C to +220°C
Materials	316 stainless steel

PRESSURE RATINGS

Light series	Heavy series
6 mm – 500 bar	6 mm – 800 bar
8 mm – 500 bar	8 mm – 800 bar
10 mm – 500 bar	10 mm – 800 bar
12 mm – 400 bar	12 mm – 630 bar
15 mm – 400 bar	14 mm – 630 bar
18 mm – 400 bar	16 mm – 630 bar
22 mm – 250 bar	20 mm – 420 bar
–	25 mm – 420 bar

LIGHT SERIES



STRAIGHT COUPLING

1790

PART NUMBER	TUBE OD
pGV-L-06SS	6 mm
pGV-L-08SS	8 mm
pGV-L-10SS	10 mm
pGV-L-12SS	12 mm
pGV-L-15SS	15 mm
pGV-L-18SS	18 mm
pGV-L-22SS	22 mm

HEAVY SERIES



STRAIGHT COUPLING

1790

PART NUMBER	TUBE OD
pGV-S-06SS	6 mm
pGV-S-08SS	8 mm
pGV-S-10SS	10 mm
pGV-S-12SS	12 mm
pGV-S-14SS	14 mm
pGV-S-16SS	16 mm
pGV-S-20SS	20 mm
pGV-S-25SS	25 mm

EQUAL ELBOW



1790

PART NUMBER	TUBE OD
pWV-L-06SS	6 mm
pWV-L-08SS	8 mm
pWV-L-10SS	10 mm
pWV-L-12SS	12 mm
pWV-L-15SS	15 mm
pWV-L-18SS	18 mm
pWV-L-22SS	22 mm

EQUAL ELBOW



1790

PART NUMBER	TUBE OD
pWV-S-06SS	6 mm
pWV-S-08SS	8 mm
pWV-S-10SS	10 mm
pWV-S-12SS	12 mm
pWV-S-14SS	14 mm
pWV-S-16SS	16 mm
pWV-S-20SS	20 mm
pWV-S-25SS	25 mm

EQUAL TEE



1790

PART NUMBER	TUBE OD
pTV-L-06SS	6 mm
pTV-L-08SS	8 mm
pTV-L-10SS	10 mm
pTV-L-12SS	12 mm
pTV-L-15SS	15 mm
pTV-L-18SS	18 mm
pTV-L-22SS	22 mm

EQUAL TEE



1790

PART NUMBER	TUBE OD
pTV-S-06SS	6 mm
pTV-S-08SS	8 mm
pTV-S-10SS	10 mm
pTV-S-12SS	12 mm
pTV-S-14SS	14 mm
pTV-S-16SS	16 mm
pTV-S-20SS	20 mm
pTV-S-25SS	25 mm

Do you also need?

PARKAIR® Stainless steel tube



Find it on page 247, section four

LIGHT SERIES

STUD COUPLING – FORM E
BSPP MALE – WD CAPTIVE SEAL



1790

PART NUMBER	TUBE OD	THREAD
pGE-L-06-G1/8-WDSS	6 mm	1/8" BSPP
pGE-L-06-G1/4-WDSS	6 mm	1/4" BSPP
pGE-L-08-G1/8-WDSS	8 mm	1/8" BSPP
pGE-L-08-G1/4-WDSS	8 mm	1/4" BSPP
pGE-L-10-G1/4-WDSS	10 mm	1/4" BSPP
pGE-L-10-G3/8-WDSS	10 mm	3/8" BSPP
pGE-L-12-G1/4-WDSS	12 mm	1/4" BSPP
pGE-L-12-G3/8-WDSS	12 mm	3/8" BSPP
pGE-L-15-G1/2-WDSS	15 mm	1/2" BSPP
pGE-L-18-G1/2-WDSS	18 mm	1/2" BSPP
pGE-L-18-G3/4-WDSS	18 mm	3/4" BSPP
pGE-L-22-G3/4-WDSS	22 mm	3/4" BSPP
pGE-L-22-G1-WDSS	22 mm	1" BSPP

HEAVY SERIES

STUD COUPLING – FORM E
BSPP MALE – WD CAPTIVE SEAL



1790

PART NUMBER	TUBE OD	THREAD
pGE-S-06-G1/8-WDSS	6 mm	1/8" BSPP
pGE-S-08-G1/4-WDSS	8 mm	1/4" BSPP
pGE-S-10-G1/4-WDSS	10 mm	1/4" BSPP
pGE-S-10-G3/8-WDSS	10 mm	3/8" BSPP
pGE-S-12-G1/4-WDSS	12 mm	1/4" BSPP
pGE-S-12-G3/8-WDSS	12 mm	3/8" BSPP
pGE-S-14-G1/2-WDSS	14 mm	1/2" BSPP
pGE-S-16-G1/2-WDSS	16 mm	1/2" BSPP
pGE-S-16-G3/4-WDSS	16 mm	3/4" BSPP
pGE-S-20-G3/4-WDSS	20 mm	3/4" BSPP
pGE-S-25-G3/4-WDSS	25 mm	3/4" BSPP
pGE-S-25-G1-WDSS	25 mm	1" BSPP

Four

STUD COUPLING
BSPP FEMALE



1790

PART NUMBER	TUBE OD	THREAD
pGAI-L-06-G1/8SS	6 mm	1/8" BSPP
pGAI-L-08-G1/4SS	8 mm	1/4" BSPP
pGAI-L-10-G1/4SS	10 mm	1/4" BSPP
pGAI-L-10-G3/8SS	10 mm	3/8" BSPP
pGAI-L-12-G3/8SS	12 mm	3/8" BSPP
pGAI-L-12-G1/2SS	12 mm	1/2" BSPP
pGAI-L-15-G1/2SS	15 mm	1/2" BSPP
pGAI-L-18-G1/2SS	18 mm	1/2" BSPP
pGAI-L-22-G3/4SS	22 mm	3/4" BSPP

STUD COUPLING
BSPP FEMALE



1790

PART NUMBER	TUBE OD	THREAD
pGAI-S-06-G1/4SS	6 mm	1/4" BSPP
pGAI-S-08-G1/4SS	8 mm	1/4" BSPP
pGAI-S-10-G3/8SS	10 mm	3/8" BSPP
pGAI-S-12-G3/8SS	12 mm	3/8" BSPP
pGAI-S-14-G1/2SS	14 mm	1/2" BSPP
pGAI-S-16-G1/2SS	16 mm	1/2" BSPP
pGAI-S-20-G3/4SS	20 mm	3/4" BSPP
pGAI-S-25-G1SS	25 mm	1" BSPP

STUD COUPLING
NPT MALE



1790

PART NUMBER	TUBE OD	THREAD
pGE-L-06-1/8NSS	6 mm	1/8" NPT
pGE-L-06-1/4NSS	6 mm	1/4" NPT
pGE-L-08-1/4NSS	8 mm	1/4" NPT
pGE-L-10-1/4NSS	10 mm	1/4" NPT
pGE-L-10-3/8NSS	10 mm	3/8" NPT
pGE-L-12-1/4NSS	12 mm	1/4" NPT
pGE-L-12-3/8NSS	12 mm	3/8" NPT
pGE-L-12-1/2NSS	12 mm	1/2" NPT
pGE-L-15-1/2NSS	15 mm	1/2" NPT
pGE-L-18-1/2NSS	18 mm	1/2" NPT
pGE-L-22-3/4NSS	22 mm	3/4" NPT

STUD COUPLING
NPT MALE



1790

PART NUMBER	TUBE OD	THREAD
pGE-S-06-1/4NSS	6 mm	1/4" NPT
pGE-S-10-1/4NSS	10 mm	1/4" NPT
pGE-S-10-3/8NSS	10 mm	3/8" NPT
pGE-S-12-1/4NSS	12 mm	1/4" NPT
pGE-S-12-3/8NSS	12 mm	3/8" NPT
pGE-S-14-1/2NSS	14 mm	1/2" NPT
pGE-S-16-1/2NSS	16 mm	1/2" NPT
pGE-S-20-3/4NSS	20 mm	3/4" NPT
pGE-S-25-1NSS	25 mm	1" NPT

ADJUSTABLE ELBOW
METRIC FEMALE



1790

PART NUMBER	TUBE OD	THREAD
pEVW-L-06SS	6 mm	M12 x 1.5
pEVW-L-08SS	8 mm	M14 x 1.5
pEVW-L-10SS	10 mm	M16 x 1.5
pEVW-L-12SS	12 mm	M18 x 1.5
pEVW-L-15SS	15 mm	M22 x 1.5
pEVW-L-18SS	18 mm	M26 x 1.5
pEVW-L-22SS	22 mm	M30 x 2.0

ADJUSTABLE ELBOW
METRIC FEMALE



1790

PART NUMBER	TUBE OD	THREAD
pEVW-S-06SS	6 mm	M14 x 1.5
pEVW-S-08SS	8 mm	M16 x 1.5
pEVW-S-10SS	10 mm	M18 x 1.5
pEVW-S-12SS	12 mm	M20 x 1.5
pEVW-S-14SS	14 mm	M22 x 1.5
pEVW-S-16SS	16 mm	M24 x 1.5
pEVW-S-20SS	20 mm	M30 x 2.0
pEVW-S-25SS	25 mm	M36 x 2.0



Twin Ferrule Stainless Steel Fittings, Tubing & Clamps

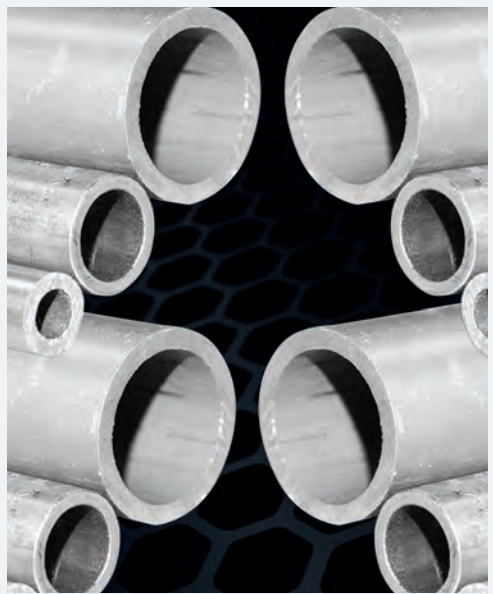
Twin ferrule stainless steel compression tube fittings are widely used in industrial applications due to their ability to handle higher pressures, harsh conditions, and low-pressure operations.

They provide a reliable seal to prevent leakage in the system, and their leak-tight seal, excellent chemical resistance, ability to withstand various temperatures, and suitability for use in harsh environments make them a safe choice.

Choosing the most appropriate twin ferrule stainless steel fitting is crucial to ensure optimal performance.

Black Phosphated Hydraulic Steel Tube

- Strong consistency and better appearance
- Good anti-rust performance of pipe
- Clarinet phosphides are mainly used in hydraulic systems



IMPERIAL FITTINGS

METRIC FITTINGS

Four

CONNECTOR

BSPT MALE – IMPERIAL



1755

PART NUMBER	TUBE OD	THREAD
FK-SSCMFL2RT2	1/8"	1/8" BSPT
FK-SSCMFL2RT4	1/8"	1/4" BSPT
FK-SSCMFL4RT2	1/4"	1/8" BSPT
FK-SSCMFL4RT4	1/4"	1/4" BSPT
FK-SSCMFL4RT6	1/4"	3/8" BSPT
FK-SSCMFL4RT8	1/4"	1/2" BSPT
FK-SSCMFL6RT2	3/8"	1/8" BSPT
FK-SSCMFL6RT4	3/8"	1/4" BSPT
FK-SSCMFL6RT6	3/8"	3/8" BSPT
FK-SSCMFL6RT8	3/8"	1/2" BSPT
FK-SSCMFL8RT4	1/2"	1/4" BSPT
FK-SSCMFL8RT6	1/2"	3/8" BSPT
FK-SSCMFL8RT8	1/2"	1/2" BSPT
FK-SSCMFL8RT12	1/2"	3/4" BSPT
FK-SSCMFL12RT8	3/4"	1/2" BSPT
FK-SSCMFL12RT12	3/4"	3/4" BSPT
FK-SSCMFL16RT12	1"	3/4" BSPT
FK-SSCMFL16RT16	1"	1" BSPT

CONNECTOR

BSPT MALE – METRIC



1755

PART NUMBER	TUBE OD	THREAD
FK-SSCMML4RT2	4 mm	1/8" BSPT
FK-SSCMML4RT4	4 mm	1/4" BSPT
FK-SSCMML6RT2	6 mm	1/8" BSPT
FK-SSCMML6RT4	6 mm	1/4" BSPT
FK-SSCMML6RT6	6 mm	3/8" BSPT
FK-SSCMML6RT8	6 mm	1/2" BSPT
FK-SSCMML8RT2	8 mm	1/8" BSPT
FK-SSCMML8RT4	8 mm	1/4" BSPT
FK-SSCMML8RT6	8 mm	3/8" BSPT
FK-SSCMML8RT8	8 mm	1/2" BSPT
FK-SSCMML10RT2	10 mm	1/8" BSPT
FK-SSCMML10RT4	10 mm	1/4" BSPT
FK-SSCMML10RT6	10 mm	3/8" BSPT
FK-SSCMML10RT8	10 mm	1/2" BSPT
FK-SSCMML12RT4	12 mm	1/4" BSPT
FK-SSCMML12RT6	12 mm	3/8" BSPT
FK-SSCMML12RT8	12 mm	1/2" BSPT
FK-SSCMML15RT8	15 mm	1/2" BSPT
FK-SSCMML16RT4	16 mm	1/4" BSPT
FK-SSCMML16RT6	16 mm	3/8" BSPT
FK-SSCMML16RT8	16 mm	1/2" BSPT
FK-SSCMML22RT12	22 mm	3/4" BSPT
FK-SSCMML25RT12	25 mm	3/4" BSPT

CONNECTOR

NPT MALE – IMPERIAL



1755

PART NUMBER	TUBE OD	THREAD
FK-SSCMFL2NS2	1/8"	1/8" NPT
FK-SSCMFL2NS4	1/8"	1/4" NPT
FK-SSCMFL4NS2	1/4"	1/8" NPT
FK-SSCMFL4NS4	1/4"	1/4" NPT
FK-SSCMFL4NS6	1/4"	3/8" NPT
FK-SSCMFL4NS8	1/4"	1/2" NPT
FK-SSCMFL6NS2	3/8"	1/8" NPT
FK-SSCMFL6NS4	3/8"	1/4" NPT
FK-SSCMFL6NS6	3/8"	3/8" NPT
FK-SSCMFL6NS8	3/8"	1/2" NPT
FK-SSCMFL6NS12	3/8"	3/4" NPT
FK-SSCMFL8NS2	1/2"	1/8" NPT
FK-SSCMFL8NS4	1/2"	1/4" NPT
FK-SSCMFL8NS6	1/2"	3/8" NPT
FK-SSCMFL8NS8	1/2"	1/2" NPT
FK-SSCMFL8NS12	1/2"	3/4" NPT
FK-SSCMFL12NS8	3/4"	1/2" NPT
FK-SSCMFL12NS12	3/4"	3/4" NPT
FK-SSCMFL16NS12	1"	3/4" NPT
FK-SSCMFL16NS16	1"	1" NPT

CONNECTOR

NPT MALE – METRIC



1755

PART NUMBER	TUBE OD	THREAD
FK-SSCMML4NS2	4 mm	1/8" NPT
FK-SSCMML4NS4	4 mm	1/4" NPT
FK-SSCMML6NS2	6 mm	1/8" NPT
FK-SSCMML6NS4	6 mm	1/4" NPT
FK-SSCMML6NS6	6 mm	3/8" NPT
FK-SSCMML6NS8	6 mm	1/2" NPT
FK-SSCMML8NS2	8 mm	1/8" NPT
FK-SSCMML8NS4	8 mm	1/4" NPT
FK-SSCMML8NS6	8 mm	3/8" NPT
FK-SSCMML8NS8	8 mm	1/2" NPT
FK-SSCMML10NS2	10 mm	1/8" NPT
FK-SSCMML10NS4	10 mm	1/4" NPT
FK-SSCMML10NS6	10 mm	3/8" NPT
FK-SSCMML10NS8	10 mm	1/2" NPT
FK-SSCMML12NS4	12 mm	1/4" NPT
FK-SSCMML12NS6	12 mm	3/8" NPT
FK-SSCMML12NS8	12 mm	1/2" NPT
FK-SSCMML15NS8	15 mm	1/2" NPT
FK-SSCMML22NS12	22 mm	3/4" NPT
FK-SSCMML25NS16	25 mm	1" NPT

IMPERIAL FITTINGS

CONNECTOR

BSPP MALE – IMPERIAL



1755

PART NUMBER	TUBE OD	THREAD
FK-SSCMFL2RS2	1/8"	1/8" BSPP
FK-SSCMFL2RS4	1/8"	1/4" BSPP
FK-SSCMFL4RS2	1/4"	1/8" BSPP
FK-SSCMFL4RS4	1/4"	1/4" BSPP
FK-SSCMFL6RS4	3/8"	1/4" BSPP
FK-SSCMFL6RS6	3/8"	3/8" BSPP
FK-SSCMFL6RS8	3/8"	1/2" BSPP
FK-SSCMFL8RS4	1/2"	1/4" BSPP
FK-SSCMFL8RS6	1/2"	3/8" BSPP
FK-SSCMFL8RS8	1/2"	1/2" BSPP

METRIC FITTINGS

CONNECTOR

BSPP MALE – METRIC



1755

PART NUMBER	TUBE OD	THREAD
FK-SSCMML6RS2	6 mm	1/8" BSPP
FK-SSCMML6RS4	6 mm	1/4" BSPP
FK-SSCMML6RS6	6 mm	3/8" BSPP
FK-SSCMML6RS8	6 mm	1/2" BSPP
FK-SSCMML8RS2	8 mm	1/8" BSPP
FK-SSCMML8RS4	8 mm	1/4" BSPP
FK-SSCMML8RS6	8 mm	3/8" BSPP
FK-SSCMML8RS8	8 mm	1/2" BSPP
FK-SSCMML10RS4	10 mm	1/4" BSPP
FK-SSCMML10RS6	10 mm	3/8" BSPP
FK-SSCMML10RS8	10 mm	1/2" BSPP
FK-SSCMML12RS4	12 mm	1/4" BSPP
FK-SSCMML12RS6	12 mm	3/8" BSPP
FK-SSCMML12RS8	12 mm	1/2" BSPP
FK-SSCMML15RS8	15 mm	1/2" BSPP

ELBOW

BSPT MALE – IMPERIAL



1755

PART NUMBER	TUBE OD	THREAD
FK-SSLMFL4RT2	1/4"	1/8" BSPT
FK-SSLMFL4RT4	1/4"	1/4" BSPT
FK-SSLMFL4RT6	1/4"	3/8" BSPT
FK-SSLMFL4RT8	1/4"	1/2" BSPT
FK-SSLMFL6RT2	3/8"	1/8" BSPT
FK-SSLMFL6RT4	3/8"	1/4" BSPT
FK-SSLMFL6RT6	3/8"	3/8" BSPT
FK-SSLMFL6RT8	3/8"	1/2" BSPT
FK-SSLMFL8RT4	1/2"	1/4" BSPT
FK-SSLMFL8RT6	1/2"	3/8" BSPT
FK-SSLMFL8RT8	1/2"	1/2" BSPT
FK-SSLMFL12RT8	3/4"	1/2" BSPT
FK-SSLMFL16RT16	1"	1" BSPT

ELBOW

BSPT MALE – METRIC



1755

PART NUMBER	TUBE OD	THREAD
FK-SSLMML4RT2	4 mm	1/8" BSPT
FK-SSLMML4RT4	4 mm	1/4" BSPT
FK-SSLMML6RT2	6 mm	1/8" BSPT
FK-SSLMML6RT4	6 mm	1/4" BSPT
FK-SSLMML6RT6	6 mm	3/8" BSPT
FK-SSLMML6RT8	6 mm	1/2" BSPT
FK-SSLMML8RT2	8 mm	1/8" BSPT
FK-SSLMML8RT4	8 mm	1/4" BSPT
FK-SSLMML8RT6	8 mm	3/8" BSPT
FK-SSLMML8RT8	8 mm	1/2" BSPT
FK-SSLMML10RT4	10 mm	1/4" BSPT
FK-SSLMML10RT6	10 mm	3/8" BSPT
FK-SSLMML10RT8	10 mm	1/2" BSPT
FK-SSLMML12RT4	12 mm	1/4" BSPT
FK-SSLMML12RT6	12 mm	3/8" BSPT
FK-SSLMML12RT8	12 mm	1/2" BSPT
FK-SSLMML15RT8	15 mm	1/2" BSPT
FK-SSLMML16RT6	16 mm	3/8" BSPT
FK-SSLMML22RT12	22 mm	3/4" BSPT
FK-SSLMML25RT16	25 mm	1" BSPT

ELBOW

NPT MALE – IMPERIAL



1755

PART NUMBER	TUBE OD	THREAD
FK-SSLMFL1NS1	1/16"	1/16" NPT
FK-SSLMFL1NS2	1/16"	1/8" NPT
FK-SSLMFL2NS2	1/8"	1/8" NPT
FK-SSLMFL2NS4	1/8"	1/4" NPT
FK-SSLMFL4NS2	1/4"	1/8" NPT
FK-SSLMFL4NS4	1/4"	1/4" NPT
FK-SSLMFL4NS6	1/4"	3/8" NPT
FK-SSLMFL4NS8	1/4"	1/2" NPT
FK-SSLMFL6NS2	3/8"	1/8" NPT
FK-SSLMFL6NS4	3/8"	1/4" NPT
FK-SSLMFL6NS6	3/8"	3/8" NPT
FK-SSLMFL6NS8	3/8"	1/2" NPT
FK-SSLMFL8NS2	1/2"	1/8" NPT
FK-SSLMFL8NS4	1/2"	1/4" NPT
FK-SSLMFL8NS6	1/2"	3/8" NPT
FK-SSLMFL8NS8	1/2"	1/2" NPT
FK-SSLMFL12NS8	3/4"	1/2" NPT
FK-SSLMFL12NS12	3/4"	3/4" NPT
FK-SSLMFL16NS16	1"	1" NPT

ELBOW

NPT MALE – METRIC



1755

PART NUMBER	TUBE OD	THREAD
FK-SSLMML4NS2	4 mm	1/8" NPT
FK-SSLMML4NS4	4 mm	1/4" NPT
FK-SSLMML6NS2	6 mm	1/8" NPT
FK-SSLMML6NS4	6 mm	1/4" NPT
FK-SSLMML6NS6	6 mm	3/8" NPT
FK-SSLMML6NS8	6 mm	1/2" NPT
FK-SSLMML8NS2	8 mm	1/8" NPT
FK-SSLMML8NS4	8 mm	1/4" NPT
FK-SSLMML8NS6	8 mm	3/8" NPT
FK-SSLMML8NS8	8 mm	1/2" NPT
FK-SSLMML10NS2	10 mm	1/8" NPT
FK-SSLMML10NS4	10 mm	1/4" NPT
FK-SSLMML10NS6	10 mm	3/8" NPT
FK-SSLMML10NS8	10 mm	1/2" NPT
FK-SSLMML12NS2	12 mm	1/8" NPT
FK-SSLMML12NS4	12 mm	1/4" NPT
FK-SSLMML12NS6	12 mm	3/8" NPT
FK-SSLMML12NS8	12 mm	1/2" NPT
FK-SSLMML15NS8	15 mm	1/2" NPT
FK-SSLMML22NS12	22 mm	3/4" NPT
FK-SSLMML25NS16	25 mm	1" NPT

IMPERIAL FITTINGS

UNION ELBOW
IMPERIAL



1755

PART NUMBER	TUBE OD
FK-SSLUFL2	1/8"
FK-SSLUFL4	1/4"
FK-SSLUFL6	3/8"
FK-SSLUFL8	1/2"
FK-SSLUFL12	3/4"
FK-SSLUFL16	1"

METRIC FITTINGS

UNION ELBOW
METRIC



1755

PART NUMBER	TUBE OD
FK-SSLUML4	4 mm
FK-SSLUML6	6 mm
FK-SSLUML8	8 mm
FK-SSLUML10	10 mm
FK-SSLUML12	12 mm
FK-SSLUML14	14 mm
FK-SSLUML15	15 mm
FK-SSLUML16	16 mm
FK-SSLUML22	22 mm
FK-SSLUML25	25 mm

UNION TEE
IMPERIAL



1755

PART NUMBER	TUBE OD
FK-SSTTFL1	1/16"
FK-SSTTFL2	1/8"
FK-SSTTFL4	1/4"
FK-SSTTFL6	3/8"
FK-SSTTFL8	1/2"
FK-SSTTFL12	3/4"
FK-SSTTFL16	1"

UNION TEE
METRIC



1755

PART NUMBER	TUBE OD
FK-SSTTML4	4 mm
FK-SSTTML6	6 mm
FK-SSTTML8	8 mm
FK-SSTTML10	10 mm
FK-SSTTML12	12 mm
FK-SSTTML15	15 mm
FK-SSTTML16	16 mm
FK-SSTTML22	22 mm
FK-SSTTML25	25 mm

RUN TEE
NPT MALE - IMPERIAL



1755

PART NUMBER	TUBE OD	THREAD
FK-SSTMTFL2NS2	1/8"	1/8" NPT
FK-SSTMTFL2NS4	1/8"	1/4" NPT
FK-SSTMTFL4NS2	1/4"	1/8" NPT
FK-SSTMTFL4NS4	1/4"	1/4" NPT
FK-SSTMTFL6NS4	3/8"	1/4" NPT
FK-SSTMTFL6NS6	3/8"	3/8" NPT
FK-SSTMTFL8NS6	1/2"	3/8" NPT
FK-SSTMTFL8NS8	1/2"	1/2" NPT
FK-SSTMTFL12NS12	3/4"	3/4" NPT

RUN TEE
NPT MALE - METRIC



1755

PART NUMBER	TUBE OD	THREAD
FK-SSTMTML6NS2	6 mm	1/8" NPT
FK-SSTMTML6NS4	6 mm	1/4" NPT
FK-SSTMTML8NS2	8 mm	1/8" NPT
FK-SSTMTML8NS4	8 mm	1/4" NPT
FK-SSTMTML10NS4	10 mm	1/4" NPT
FK-SSTMTML12NS4	12 mm	1/4" NPT
FK-SSTMTML12NS6	12 mm	3/8" NPT
FK-SSTMTML12NS8	12 mm	1/2" NPT

BRANCH TEE
NPT MALE - IMPERIAL



1755

PART NUMBER	TUBE OD	THREAD
FK-SSTTMFL2NS2	1/8"	1/8" NPT
FK-SSTTMFL2NS4	1/8"	1/4" NPT
FK-SSTTMFL4NS2	1/4"	1/8" NPT
FK-SSTTMFL4NS4	1/4"	1/4" NPT
FK-SSTTMFL6NS4	3/8"	1/4" NPT
FK-SSTTMFL6NS6	3/8"	3/8" NPT
FK-SSTTMFL8NS6	1/2"	3/8" NPT
FK-SSTTMFL8NS8	1/2"	1/2" NPT
FK-SSTTMFL12NS12	3/4"	3/4" NPT

BRANCH TEE
NPT MALE - METRIC



1755

PART NUMBER	TUBE OD	THREAD
FK-SSTTMML4NS2	4 mm	1/8" NPT
FK-SSTTMML6NS2	6 mm	1/8" NPT
FK-SSTTMML6NS4	6 mm	1/4" NPT
FK-SSTTMML8NS2	8 mm	1/8" NPT
FK-SSTTMML8NS4	8 mm	1/4" NPT
FK-SSTTMML10NS4	10 mm	1/4" NPT
FK-SSTTMML12NS4	12 mm	1/4" NPT
FK-SSTTMML12NS6	12 mm	3/8" NPT
FK-SSTTMML12NS8	12 mm	1/2" NPT

IMPERIAL FITTINGS



1755

UNION CROSS
IMPERIAL

PART NUMBER	TUBE OD
FK-SSCFL2	1/8"
FK-SSCFL4	1/4"
FK-SSCFL6	3/8"
FK-SSCFL8	1/2"
FK-SSCFL12	3/4"
FK-SSCFL16	1"

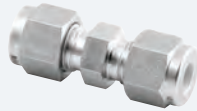
METRIC FITTINGS



1755

UNION CROSS
METRIC

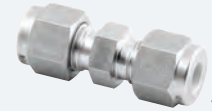
PART NUMBER	TUBE OD
FK-SSCML6	6 mm
FK-SSCML8	8 mm
FK-SSCML10	10 mm
FK-SSCML12	12 mm



1755

UNION
IMPERIAL

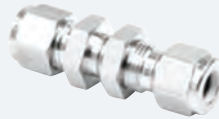
PART NUMBER	TUBE OD
FK-SSUFL1	1/16"
FK-SSUFL2	1/8"
FK-SSUFL4	1/4"
FK-SSUFL6	3/8"
FK-SSUFL8	1/2"
FK-SSUFL12	3/4"
FK-SSUFL16	1"



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UNION
METRIC

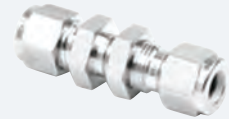
PART NUMBER	TUBE OD
FK-SSUML4	4 mm
FK-SSUML6	6 mm
FK-SSUML8	8 mm
FK-SSUML10	10 mm
FK-SSUML12	12 mm
FK-SSUML14	14 mm
FK-SSUML15	15 mm
FK-SSUML16	16 mm
FK-SSUML22	22 mm
FK-SSUML25	25 mm



1755

BULKHEAD UNION
IMPERIAL

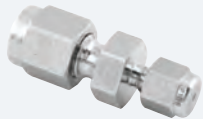
PART NUMBER	TUBE OD
FK-SSBUFL1	1/16"
FK-SSBUFL2	1/8"
FK-SSBUFL4	1/4"
FK-SSBUFL6	3/8"
FK-SSBUFL8	1/2"
FK-SSBUFL12	3/4"
FK-SSBUFL16	1"



1755

BULKHEAD UNION
METRIC

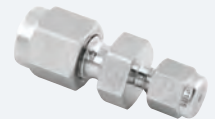
PART NUMBER	TUBE OD
FK-SSBUML4	4 mm
FK-SSBUML6	6 mm
FK-SSBUML8	8 mm
FK-SSBUML10	10 mm
FK-SSBUML12	12 mm
FK-SSBUML15	15 mm
FK-SSBUML22	22 mm
FK-SSBUML25	25 mm



1755

REDUCING UNION
IMPERIAL

PART NUMBER	TUBE OD	TUBE OD
FK-SSUFL2FL1	1/8"	1/16"
FK-SSUFL4FL2	1/4"	1/8"
FK-SSUFL6FL2	3/8"	1/8"
FK-SSUFL6FL4	3/8"	1/4"
FK-SSUFL6FL5	3/8"	5/16"
FK-SSUFL8FL4	1/2"	1/4"
FK-SSUFL8FL6	1/2"	3/8"
FK-SSUFL12FL8	3/4"	1/2"
FK-SSUFL16FL12	1"	3/4"



1755

REDUCING UNION
METRIC

PART NUMBER	TUBE OD	TUBE OD
FK-SSUML6ML3	6 mm	3 mm
FK-SSUML6ML4	6 mm	4 mm
FK-SSUML8ML6	8 mm	6 mm
FK-SSUML10ML6	10 mm	6 mm
FK-SSUML10ML8	10 mm	8 mm
FK-SSUML12ML6	12 mm	6 mm
FK-SSUML12ML8	12 mm	8 mm
FK-SSUML12ML10	12 mm	10 mm
FK-SSUML15ML12	15 mm	12 mm
FK-SSUML16ML10	16 mm	10 mm
FK-SSUML16ML12	16 mm	12 mm

IMPERIAL FITTINGS

METRIC FITTINGS

CONNECTOR
BSPT FEMALE – IMPERIAL



1755

PART NUMBER	TUBE OD	THREAD
FK-SSCFFL4RT2	1/4"	1/8" BSPT
FK-SSCFFL4RT4	1/4"	1/4" BSPT
FK-SSCFFL4RT6	1/4"	3/8" BSPT
FK-SSCFFL6RT4	3/8"	1/4" BSPT
FK-SSCFFL6RT6	3/8"	3/8" BSPT
FK-SSCFFL6RT8	3/8"	1/2" BSPT
FK-SSCFFL8RT4	1/2"	1/4" BSPT
FK-SSCFFL8RT6	1/2"	3/8" BSPT
FK-SSCFFL8RT8	1/2"	1/2" BSPT
FK-SSCFFL12RT2	3/4"	3/4" BSPT

CONNECTOR
BSPT FEMALE – METRIC



1755

PART NUMBER	TUBE OD	THREAD
FK-SSCFML6RT2	6 mm	1/8" BSPT
FK-SSCFML6RT4	6 mm	1/4" BSPT
FK-SSCFML6RT6	6 mm	3/8" BSPT
FK-SSCFML6RT8	6 mm	1/2" BSPT
FK-SSCFML8RT2	8 mm	1/8" BSPT
FK-SSCFML8RT4	8 mm	1/4" BSPT
FK-SSCFML8RT6	8 mm	3/8" BSPT
FK-SSCFML8RT8	8 mm	1/2" BSPT
FK-SSCFML10RT2	10 mm	1/8" BSPT
FK-SSCFML10RT4	10 mm	1/4" BSPT
FK-SSCFML10RT6	10 mm	3/8" BSPT
FK-SSCFML10RT8	10 mm	1/2" BSPT
FK-SSCFML12RT2	12 mm	1/8" BSPT
FK-SSCFML12RT4	12 mm	1/4" BSPT
FK-SSCFML12RT6	12 mm	3/8" BSPT
FK-SSCFML12RT8	12 mm	1/2" BSPT
FK-SSCFML15RT8	15 mm	1/2" BSPT
FK-SSCFML22RT12	22 mm	3/4" BSPT
FK-SSCFML25RT16	25 mm	1" BSPT

CONNECTOR
NPT FEMALE – IMPERIAL



1755

PART NUMBER	TUBE OD	THREAD
FK-SSCFFL2NS2	1/8"	1/8" NPT
FK-SSCFFL2NS4	1/8"	1/4" NPT
FK-SSCFFL4NS2	1/4"	1/8" NPT
FK-SSCFFL4NS4	1/4"	1/4" NPT
FK-SSCFFL4NS6	1/4"	3/8" NPT
FK-SSCFFL4NS8	1/4"	1/2" NPT
FK-SSCFFL6NS2	3/8"	1/8" NPT
FK-SSCFFL6NS4	3/8"	1/4" NPT
FK-SSCFFL6NS6	3/8"	3/8" NPT
FK-SSCFFL6NS8	3/8"	1/2" NPT
FK-SSCFFL8NS4	1/2"	1/4" NPT
FK-SSCFFL8NS6	1/2"	3/8" NPT
FK-SSCFFL8NS8	1/2"	1/2" NPT
FK-SSCFFL8NS12	1/2"	3/4" NPT
FK-SSCFFL12NS8	3/4"	1/2" NPT
FK-SSCFFL12NS12	3/4"	3/4" NPT
FK-SSCFFL16NS12	1"	3/4" NPT
FK-SSCFFL16NS16	1"	1" NPT

CONNECTOR
NPT FEMALE – METRIC



1755

PART NUMBER	TUBE OD	THREAD
FK-SSCFML4NS2	4 mm	1/8" NPT
FK-SSCFML6NS2	6 mm	1/8" NPT
FK-SSCFML6NS4	6 mm	1/4" NPT
FK-SSCFML6NS6	6 mm	3/8" NPT
FK-SSCFML6NS8	6 mm	1/2" NPT
FK-SSCFML8NS2	8 mm	1/8" NPT
FK-SSCFML8NS4	8 mm	1/4" NPT
FK-SSCFML8NS6	8 mm	3/8" NPT
FK-SSCFML8NS8	8 mm	1/2" NPT
FK-SSCFML10NS2	10 mm	1/8" NPT
FK-SSCFML10NS4	10 mm	1/4" NPT
FK-SSCFML10NS6	10 mm	3/8" NPT
FK-SSCFML10NS8	10 mm	1/2" NPT
FK-SSCFML12NS2	12 mm	1/8" NPT
FK-SSCFML12NS4	12 mm	1/4" NPT
FK-SSCFML12NS6	12 mm	3/8" NPT
FK-SSCFML12NS8	12 mm	1/2" NPT
FK-SSCFML15NS8	15 mm	1/2" NPT
FK-SSCFML22NS12	22 mm	3/4" NPT
FK-SSCFML25NS16	25 mm	1" NPT

CONNECTOR
BSPP FEMALE – IMPERIAL



1755

PART NUMBER	TUBE OD	THREAD
FK-SSCFFL2RG4	1/8"	1/4" BSPP
FK-SSCFFL4RG4	1/4"	1/4" BSPP
FK-SSCFFL6RG6	3/8"	3/8" BSPP
FK-SSCFFL6RG8	3/8"	1/2" BSPP
FK-SSCFFL8RG4	1/2"	1/4" BSPP
FK-SSCFFL8RG6	1/2"	3/8" BSPP

CONNECTOR
BSPP FEMALE – METRIC



1755

PART NUMBER	TUBE OD	THREAD
FK-SSCFML6RG4	6 mm	1/4" BSPP
FK-SSCFML6RG6	6 mm	3/8" BSPP
FK-SSCFML6RG8	6 mm	1/2" BSPP
FK-SSCFML8RG4	8 mm	1/4" BSPP
FK-SSCFML8RG6	8 mm	3/8" BSPP
FK-SSCFML8RG8	8 mm	1/2" BSPP
FK-SSCFML10RG4	10 mm	1/4" BSPP
FK-SSCFML10RG6	10 mm	3/8" BSPP
FK-SSCFML10RG8	10 mm	1/2" BSPP
FK-SSCFML12RG4	12 mm	1/4" BSPP
FK-SSCFML12RG6	12 mm	3/8" BSPP
FK-SSCFML12RG8	12 mm	1/2" BSPP

IMPERIAL FITTINGS

FRONT FERRULE
IMPERIAL



1755

PART NUMBER	TUBE OD
FK-SSFFFL1	1/16"
FK-SSFFFL2	1/8"
FK-SSFFFL4	1/4"
FK-SSFFFL6	3/8"
FK-SSFFFL8	1/2"
FK-SSFFFL12	3/4"
FK-SSFFFL16	1"

METRIC FITTINGS

FRONT FERRULE
METRIC



1755

PART NUMBER	TUBE OD
FK-SSFFML4	4 mm
FK-SSFFML6	6 mm
FK-SSFFML8	8 mm
FK-SSFFML10	10 mm
FK-SSFFML12	12 mm
FK-SSFFML15	15 mm
FK-SSFFML16	16 mm
FK-SSFFML22	22 mm
FK-SSFFML25	25 mm

BACK FERRULE
IMPERIAL



1755

PART NUMBER	TUBE OD
FK-SSRFFL1	1/16"
FK-SSRFFL2	1/8"
FK-SSRFFL4	1/4"
FK-SSRFFL6	3/8"
FK-SSRFFL8	1/2"
FK-SSRFFL12	3/4"
FK-SSRFFL16	1"

BACK FERRULE
METRIC



1755

PART NUMBER	TUBE OD
FK-SSRFML4	4 mm
FK-SSRFML6	6 mm
FK-SSRFML8	8 mm
FK-SSRFML10	10 mm
FK-SSRFML12	12 mm
FK-SSRFML15	15 mm
FK-SSRFML16	16 mm
FK-SSRFML22	22 mm
FK-SSRFML25	25 mm

NUT FERRULE SET
IMPERIAL



5 NUTS, 5 FRONT FERRULES & 5 REAR FERRULES 1755

PART NUMBER	TUBE OD
FK-SSNFSFL1	1/16"
FK-SSNFSFL2	1/8"
FK-SSNFSFL3	3/16"
FK-SSNFSFL4	1/4"
FK-SSNFSFL5	5/16"
FK-SSNFSFL6	3/8"
FK-SSNFSFL8	1/2"
FK-SSNFSFL10	5/8"
FK-SSNFSFL12	3/4"

NUT FERRULE SET
METRIC



5 NUTS, 5 FRONT FERRULES & 5 REAR FERRULES 1755

PART NUMBER	TUBE OD
FK-SSNFSML2	2 mm
FK-SSNFSML3	3 mm
FK-SSNFSML4	4 mm
FK-SSNFSML6	6 mm
FK-SSNFSML8	8 mm
FK-SSNFSML10	10 mm
FK-SSNFSML12	12 mm
FK-SSNFSML14	14 mm
FK-SSNFSML15	15 mm
FK-SSNFSML18	18 mm

FERRULE SET
IMPERIAL



10 FRONT FERRULES & 10 BACK FERRULES 1755

PART NUMBER	TUBE OD
FK-SSFRSFL1	1/16"
FK-SSFRSFL2	1/8"
FK-SSFRSFL3	3/16"
FK-SSFRSFL4	1/4"
FK-SSFRSFL5	5/16"
FK-SSFRSFL6	3/8"
FK-SSFRSFL8	1/2"
FK-SSFRSFL10	5/8"
FK-SSFRSFL12	3/4"

FERRULE SET
METRIC



10 FRONT FERRULES & 10 BACK FERRULES 1755

PART NUMBER	TUBE OD
FK-SSFRSML2	2 mm
FK-SSFRSML3	3 mm
FK-SSFRSML4	4 mm
FK-SSFRSML6	6 mm
FK-SSFRSML8	8 mm
FK-SSFRSML10	10 mm
FK-SSFRSML12	12 mm
FK-SSFRSML14	14 mm
FK-SSFRSML15	15 mm
FK-SSFRSML18	18 mm

IMPERIAL FITTINGS

METRIC FITTINGS

PLUG
IMPERIAL



PART NUMBER	TUBE OD
FK-SSTPFL1	1/16"
FK-SSTPFL2	1/8"
FK-SSTPFL4	1/4"
FK-SSTPFL6	3/8"
FK-SSTPFL8	1/2"
FK-SSTPFL12	3/4"
FK-SSTPFL16	1"

PLUG
METRIC



PART NUMBER	TUBE OD
FK-SSTPML4	4 mm
FK-SSTPML6	6 mm
FK-SSTPML8	8 mm
FK-SSTPML10	10 mm
FK-SSTPML12	12 mm
FK-SSTPML15	15 mm
FK-SSTPML22	22 mm
FK-SSTPML25	25 mm

NUT
IMPERIAL



PART NUMBER	TUBE OD
FK-SSNFL1	1/16"
FK-SSNFL2	1/8"
FK-SSNFL4	1/4"
FK-SSNFL6	3/8"
FK-SSNFL8	1/2"
FK-SSNFL12	3/4"
FK-SSNFL16	1"

NUT
METRIC



PART NUMBER	TUBE OD
FK-SSNML4	4 mm
FK-SSNML6	6 mm
FK-SSNML8	8 mm
FK-SSNML10	10 mm
FK-SSNML12	12 mm
FK-SSNML15	15 mm
FK-SSNML16	16 mm
FK-SSNML22	22 mm
FK-SSNML25	25 mm

TUBE INSERT
IMPERIAL



PART NUMBER	TUBE OD	TUBE ID
FK-SSIN42	1/4"	1/8"
FK-SSIN63	3/8"	3/16"
FK-SSIN84	1/2"	1/4"
FK-SSIN86	1/2"	3/8"

TUBE INSERT
METRIC



PART NUMBER	TUBE OD	TUBE ID
FK-SSIN6M4M	6 mm	4 mm
FK-SSIN8M6M	8 mm	6 mm
FK-SSIN10M8M	10 mm	8 mm
FK-SSIN12M8M	12 mm	8 mm
FK-SSIN12M10M	12 mm	10 mm

Do you also need?

**Brass twin ferrule fittings
also available**

*Please contact your distributor
for further information*

IMPERIAL FITTINGS

ADAPTORS

BSPP MALE – IMPERIAL



1755

PART NUMBER	TUBE OD	THREAD
FK-SSAMFT2RS2	1/8"	1/8" BSPP
FK-SSAMFT2RS4	1/8"	1/4" BSPP
FK-SSAMFT4RS2	1/4"	1/8" BSPP
FK-SSAMFT4RS4	1/4"	1/4" BSPP
FK-SSAMFT6RS2	3/8"	1/8" BSPP
FK-SSAMFT6RS4	3/8"	1/4" BSPP
FK-SSAMFT6RS6	3/8"	3/8" BSPP
FK-SSAMFT6RS8	3/8"	1/2" BSPP
FK-SSAMFT8RS4	1/2"	1/4" BSPP
FK-SSAMFT8RS6	1/2"	3/8" BSPP
FK-SSAMFT8RS8	1/2"	1/2" BSPP
FK-SSAMFT12RS12	3/4"	3/4" BSPP
FK-SSAMFT16RS16	1"	1" BSPP

METRIC FITTINGS

ADAPTORS

BSPP MALE – METRIC



1755

PART NUMBER	TUBE OD	THREAD
FK-SSAMMT4RS2	4 mm	1/8" BSPP
FK-SSAMMT6RS2	6 mm	1/8" BSPP
FK-SSAMMT6RS4	6 mm	1/4" BSPP
FK-SSAMMT8RS4	8 mm	1/4" BSPP
FK-SSAMMT10RS4	10 mm	1/4" BSPP
FK-SSAMMT10RS6	10 mm	3/8" BSPP
FK-SSAMMT10RS8	10 mm	1/2" BSPP
FK-SSAMMT12RS4	12 mm	1/4" BSPP
FK-SSAMMT12RS6	12 mm	3/8" BSPP
FK-SSAMMT12RS8	12 mm	1/2" BSPP
FK-SSAMMT16RS8	16 mm	1/2" BSPP
FK-SSAMMT25RS16	25 mm	1" BSPP

ADAPTORS

BSPT MALE ISO TAPERED – IMPERIAL



1755

PART NUMBER	TUBE OD	THREAD
FK-SSAMFT2RT2	1/8"	1/8" BSPT
FK-SSAMFT2RT4	1/8"	1/4" BSPT
FK-SSAMFT4RT2	1/4"	1/8" BSPT
FK-SSAMFT4RT4	1/4"	1/4" BSPT
FK-SSAMFT4RT6	1/4"	3/8" BSPT
FK-SSAMFT4RT8	1/4"	1/2" BSPT
FK-SSAMFT6RT4	3/8"	1/4" BSPT
FK-SSAMFT6RT6	3/8"	3/8" BSPT
FK-SSAMFT6RT8	3/8"	1/2" BSPT
FK-SSAMFT8RT4	1/2"	1/4" BSPT
FK-SSAMFT8RT6	1/2"	3/8" BSPT
FK-SSAMFT8RT8	1/2"	1/2" BSPT
FK-SSAMFT12RT12	3/4"	3/4" BSPT
FK-SSAMFT16RT16	1"	1" BSPT

ADAPTORS

BSPT MALE – METRIC



1755

PART NUMBER	TUBE OD	THREAD
FK-SSAMMT4RT2	4 mm	1/8" BSPT
FK-SSAMMT6RT2	6 mm	1/8" BSPT
FK-SSAMMT6RT4	6 mm	1/4" BSPT
FK-SSAMMT8RT4	8 mm	1/4" BSPT
FK-SSAMMT8RT6	8 mm	3/8" BSPT
FK-SSAMMT10RT4	10 mm	1/4" BSPT
FK-SSAMMT10RT6	10 mm	3/8" BSPT
FK-SSAMMT10RT8	10 mm	1/2" BSPT
FK-SSAMMT12RT4	12 mm	1/4" BSPT
FK-SSAMMT12RT6	12 mm	3/8" BSPT
FK-SSAMMT12RT8	12 mm	1/2" BSPT
FK-SSAMMT16RT8	16 mm	1/2" BSPT
FK-SSAMMT25RT16	25 mm	1" BSPT

ADAPTORS

NPT MALE – IMPERIAL



1755

PART NUMBER	TUBE OD	THREAD
FK-SSAMFT2NS2	1/8"	1/8" NPT
FK-SSAMFT2NS4	1/8"	1/4" NPT
FK-SSAMFT4NS2	1/4"	1/8" NPT
FK-SSAMFT4NS4	1/4"	1/4" NPT
FK-SSAMFT4NS6	1/4"	3/8" NPT
FK-SSAMFT4NS8	1/4"	1/2" NPT
FK-SSAMFT6NS2	3/8"	1/8" NPT
FK-SSAMFT6NS4	3/8"	1/4" NPT
FK-SSAMFT6NS6	3/8"	3/8" NPT
FK-SSAMFT6NS8	3/8"	1/2" NPT
FK-SSAMFT8NS4	1/2"	1/4" NPT
FK-SSAMFT8NS6	1/2"	3/8" NPT
FK-SSAMFT8NS8	1/2"	1/2" NPT
FK-SSAMFT12NS8	3/4"	1/2" NPT
FK-SSAMFT12NS12	3/4"	3/4" NPT
FK-SSAMFT12NS16	3/4"	1" NPT
FK-SSAMFT16NS12	1"	3/4" NPT
FK-SSAMFT16NS16	1"	1" NPT

ADAPTORS

NPT MALE – METRIC



1755

PART NUMBER	TUBE OD	THREAD
FK-SSAMMT4NS2	4 mm	1/8" NPT
FK-SSAMMT6NS2	6 mm	1/8" NPT
FK-SSAMMT6NS4	6 mm	1/4" NPT
FK-SSAMMT6NS6	6 mm	3/8" NPT
FK-SSAMMT6NS8	6 mm	1/2" NPT
FK-SSAMMT8NS4	8 mm	1/4" NPT
FK-SSAMMT8NS6	8 mm	3/8" NPT
FK-SSAMMT10NS4	10 mm	1/4" NPT
FK-SSAMMT10NS6	10 mm	3/8" NPT
FK-SSAMMT10NS8	10 mm	1/2" NPT
FK-SSAMMT12NS4	12 mm	1/4" NPT
FK-SSAMMT12NS6	12 mm	3/8" NPT
FK-SSAMMT12NS8	12 mm	1/2" NPT
FK-SSAMMT16NS8	16 mm	1/2" NPT
FK-SSAMMT16NS12	16 mm	3/4" NPT
FK-SSAMMT25NS16	25 mm	1" NPT

IMPERIAL FITTINGS

METRIC FITTINGS

ADAPTORS

NPT FEMALE – IMPERIAL



1755

PART NUMBER	TUBE OD	THREAD
FK-SSAFFT2NS2	1/8"	1/8" NPT
FK-SSAFFT2NS4	1/8"	1/4" NPT
FK-SSAFFT4NS2	1/4"	1/8" NPT
FK-SSAFFT4NS4	1/4"	1/4" NPT
FK-SSAFFT4NS6	1/4"	3/8" NPT
FK-SSAFFT4NS8	1/4"	1/2" NPT
FK-SSAFFT6NS2	3/8"	1/8" NPT
FK-SSAFFT6NS4	3/8"	1/4" NPT
FK-SSAFFT6NS6	3/8"	3/8" NPT
FK-SSAFFT6NS8	3/8"	1/2" NPT
FK-SSAFFT8NS4	1/2"	1/4" NPT
FK-SSAFFT8NS6	1/2"	3/8" NPT
FK-SSAFFT8NS8	1/2"	1/2" NPT
FK-SSAFFT12NS8	3/4"	1/2" NPT
FK-SSAFFT12NS12	3/4"	3/4" NPT
FK-SSAFFT12NS16	3/4"	1" NPT
FK-SSAFFT16NS12	1"	3/4" NPT
FK-SSAFFT16NS16	1"	1" NPT

ADAPTORS

NPT FEMALE – METRIC



1755

PART NUMBER	TUBE OD	THREAD
FK-SSAFMT4NS2	4 mm	1/8" NPT
FK-SSAFMT6NS2	6 mm	1/8" NPT
FK-SSAFMT6NS4	6 mm	1/4" NPT
FK-SSAFMT8NS2	8 mm	1/8" NPT
FK-SSAFMT8NS4	8 mm	1/4" NPT
FK-SSAFMT8NS6	8 mm	3/8" NPT
FK-SSAFMT10NS4	10 mm	1/4" NPT
FK-SSAFMT10NS6	10 mm	3/8" NPT
FK-SSAFMT10NS8	10 mm	1/2" NPT
FK-SSAFMT12NS4	12 mm	1/4" NPT
FK-SSAFMT12NS6	12 mm	3/8" NPT
FK-SSAFMT12NS8	12 mm	1/2" NPT
FK-SSAFMT16NS8	16 mm	1/2" NPT
FK-SSAFMT25NS16	25 mm	1" NPT

ADAPTORS

BSPT FEMALE – IMPERIAL



1755

PART NUMBER	TUBE OD	THREAD
FK-SSAFFT4RT2	1/4"	1/8" BSPT
FK-SSAFFT4RT4	1/4"	1/4" BSPT
FK-SSAFFT6RT4	3/8"	1/4" BSPT
FK-SSAFFT6RT6	3/8"	3/8" BSPT
FK-SSAFFT8RT4	1/2"	1/4" BSPT
FK-SSAFFT8RT6	1/2"	3/8" BSPT
FK-SSAFFT8RT8	1/2"	1/2" BSPT

ADAPTORS

BSPT FEMALE – METRIC



1755

PART NUMBER	TUBE OD	THREAD
FK-SSAFMT4RT2	4 mm	1/8" BSPT
FK-SSAFMT6RT2	6 mm	1/8" BSPT
FK-SSAFMT8RT4	8 mm	1/4" BSPT
FK-SSAFMT10RT4	10 mm	1/4" BSPT
FK-SSAFMT10RT6	10 mm	3/8" BSPT
FK-SSAFMT10RT8	10 mm	1/2" BSPT
FK-SSAFMT12RT4	12 mm	1/4" BSPT
FK-SSAFMT12RT6	12 mm	3/8" BSPT
FK-SSAFMT12RT8	12 mm	1/2" BSPT
FK-SSAFMT16RT8	16 mm	1/2" BSPT
FK-SSAFMT25RT16	25 mm	1" BSPT

ADAPTORS

BSPP FEMALE – IMPERIAL



1755

PART NUMBER	TUBE OD	THREAD
FK-SSAFFT2RP2	1/8"	1/8" BSPP
FK-SSAFFT4RP2	1/4"	1/8" BSPP
FK-SSAFFT4RP4	1/4"	1/4" BSPP
FK-SSAFFT6RP4	3/8"	1/4" BSPP
FK-SSAFFT6RP6	3/8"	3/8" BSPP
FK-SSAFFT8RP6	1/2"	3/8" BSPP
FK-SSAFFT8RP8	1/2"	1/2" BSPP

ADAPTORS

BSPP FEMALE – METRIC



1755

PART NUMBER	TUBE OD	THREAD
FK-SSAFMT4RG2	4 mm	1/8" BSPP
FK-SSAFMT6RG2	6 mm	1/8" BSPP
FK-SSAFMT6RG4	6 mm	1/4" BSPP
FK-SSAFMT6RG6	6 mm	3/8" BSPP
FK-SSAFMT6RG8	6 mm	1/2" BSPP
FK-SSAFMT8RG4	8 mm	1/4" BSPP
FK-SSAFMT8RG6	8 mm	3/8" BSPP
FK-SSAFMT8RG8	8 mm	1/2" BSPP
FK-SSAFMT10RG4	10 mm	1/4" BSPP
FK-SSAFMT10RG6	10 mm	3/8" BSPP
FK-SSAFMT10RG8	10 mm	1/2" BSPP
FK-SSAFMT12RG4	12 mm	1/4" BSPP
FK-SSAFMT12RG6	12 mm	3/8" BSPP
FK-SSAFMT12RG8	12 mm	1/2" BSPP
FK-SSAFMT16RG8	16 mm	1/2" BSPP

IMPERIAL FITTINGS

THERMOCOUPLE CONNECTORS
NPT MALE – IMPERIAL



PART NUMBER	TUBE OD	THREAD
FK-SSTCMFL2NS2	1/8"	1/8" NPT
FK-SSTCMFL2NS4	1/8"	1/4" NPT
FK-SSTCMFL4NS2	1/4"	1/8" NPT
FK-SSTCMFL4NS4	1/4"	1/4" NPT
FK-SSTCMFL4NS6	1/4"	3/8" NPT

1755

METRIC FITTINGS

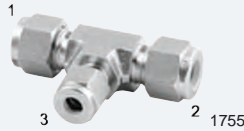
THERMOCOUPLE CONNECTORS
NPT MALE – METRIC



PART NUMBER	TUBE OD	THREAD
FK-SSTCMML3NS2	3 mm	1/8" NPT
FK-SSTCMML3NS4	3 mm	1/4" NPT
FK-SSTCMML4NS2	4 mm	1/8" NPT
FK-SSTCMML4NS4	4 mm	1/4" NPT
FK-SSTCMML6NS2	6 mm	1/8" NPT
FK-SSTCMML6NS4	6 mm	1/4" NPT
FK-SSTCMML6NS6	6 mm	3/8" NPT

1755

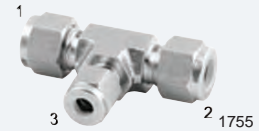
REDUCING UNION TEE
IMPERIAL



PART NUMBER	TUBE 1 OD	TUBE 2 OD	TUBE 3 OD
FK-SSTTTFL4FL4FL2	1/4"	1/4"	1/8"
FK-SSTTTFL6FL4FL4	3/8"	1/4"	1/4"
FK-SSTTTFL6FL4FL6	3/8"	1/4"	3/8"
FK-SSTTTFL6FL6FL4	3/8"	3/8"	1/4"
FK-SSTTTFL8FL4FL4	1/2"	1/4"	1/4"
FK-SSTTTFL8FL4FL8	1/2"	1/4"	1/2"
FK-SSTTTFL8FL6FL6	1/2"	3/8"	3/8"
FK-SSTTTFL8FL6FL8	1/2"	3/8"	1/2"
FK-SSTTTFL8FL8FL4	1/2"	1/2"	1/4"
FK-SSTTTFL8FL8FL6	1/2"	1/2"	3/8"
FK-SSTTTFL12FL6FL6	3/4"	3/8"	3/8"
FK-SSTTTFL12FL8FL6	3/4"	1/2"	3/8"
FK-SSTTTFL12FL8FL8	3/4"	1/2"	1/2"
FK-SSTTTFL12FL12FL4	3/4"	3/4"	1/4"
FK-SSTTTFL12FL12FL6	3/4"	3/4"	3/8"
FK-SSTTTFL12FL12FL8	3/4"	3/4"	1/2"
FK-SSTTTFL16FL6FL6	1"	3/8"	3/8"
FK-SSTTTFL16FL8FL4	1"	1/2"	1/4"
FK-SSTTTFL16FL8FL6	1"	1/2"	3/8"
FK-SSTTTFL16FL8FL8	1"	1/2"	1/2"
FK-SSTTTFL16FL8FL16	1"	1/2"	1"
FK-SSTTTFL16FL12FL6	1"	3/4"	3/8"
FK-SSTTTFL16FL12FL8	1"	3/4"	1/2"
FK-SSTTTFL16FL12FL16	1"	3/4"	1"
FK-SSTTTFL16FL16FL4	1"	1"	1/4"
FK-SSTTTFL16FL16FL6	1"	1"	3/8"
FK-SSTTTFL16FL16FL8	1"	1"	1/2"
FK-SSTTTFL16FL16FL12	1"	1"	3/4"

1755

REDUCING UNION TEE
METRIC



PART NUMBER	TUBE 1 OD	TUBE 2 OD	TUBE 3 OD
FK-SSTTTML6ML6ML8	6 mm	6 mm	8 mm
FK-SSTTTML8ML8ML6	8 mm	8 mm	6 mm
FK-SSTTTML8ML8ML12	8 mm	8 mm	12 mm
FK-SSTTTML10ML10ML6	10 mm	10 mm	6 mm
FK-SSTTTML10ML10ML8	10 mm	10 mm	8 mm
FK-SSTTTML12ML12ML6	12 mm	12 mm	6 mm
FK-SSTTTML12ML12ML8	12 mm	12 mm	8 mm
FK-SSTTTML15ML15ML12	15 mm	15 mm	12 mm
FK-SSTTTML16ML8ML16	16 mm	8 mm	16 mm
FK-SSTTTML16ML16ML12	16 mm	16 mm	12 mm
FK-SSTTTML22ML22ML12	22 mm	22 mm	12 mm
FK-SSTTTML25ML25ML12	25 mm	25 mm	12 mm

1755

RS GASKETS

FKM / STAINLESS STEEL



PART NUMBER	THREAD
FK-SSFRS2	1/8" BSPP
FK-SSFRS4	1/4" BSPP
FK-SSFRS6	3/8" BSPP
FK-SSFRS8	1/2" BSPP
FK-SSFRS12	3/4" BSPP
FK-SSFRS16	1" BSPP

1755

RS GASKETS

NBR / CARBON STEEL



PART NUMBER	THREAD
FK-CSBRS2	1/8" BSPP
FK-CSBRS4	1/4" BSPP
FK-CSBRS6	3/8" BSPP
FK-CSBRS8	1/2" BSPP
FK-CSBRS12	3/4" BSPP
FK-CSBRS16	1" BSPP

1755

Do you also need?



Thread sealing
PTFE tape



Find it on page 933, section fifteen

CHECK VALVES

316 STAINLESS STEEL
IMPERIAL



PART NUMBER	TUBE OD	PRESSURE
FK-CHSSFL21	1/8"	6000 psi
FK-CHSSFL41	1/4"	6000 psi
FK-CHSSFL61	3/8"	6000 psi
FK-CHSSFL81	1/2"	6000 psi

316 STAINLESS STEEL FILTER ELEMENT



FILTERS WITHOUT ELEMENT

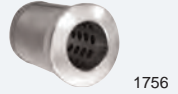
PART NUMBER	TUBE OD	TYPE
FK-FISSFL4EL	1/4"	Tee type
FK-FTSSFL4EL	1/4"	In-line

316 STAINLESS STEEL
METRIC



PART NUMBER	TUBE OD	PRESSURE
FK-CHSSML61	6 mm	6000 psi
FK-CHSSML81	8 mm	6000 psi
FK-CHSSML101	10 mm	6000 psi
FK-CHSSML121	12 mm	6000 psi

SINTERED FILTER ELEMENT



PART NUMBER	PORE SIZE
FK-SSESN405	0.5 micron
FK-SSESN42	2 micron
FK-SSESN47	7 micron
FK-SSESN415	15 micron
FK-SSESN440	40 micron
FK-SSESN460	60 micron
FK-SSESN480	80 micron

316 STAINLESS STEEL
NPT FEMALE – IMPERIAL



PART NUMBER	TUBE OD	PRESSURE
FK-CHSSFNS21	1/8" NPT	6000 psi
FK-CHSSFNS41	1/4" NPT	6000 psi
FK-CHSSFNS61	3/8" NPT	6000 psi
FK-CHSSFNS81	1/2" NPT	6000 psi

STRAINER ELEMENT



PART NUMBER	PORE SIZE
FK-SSEST4100	100 micron
FK-SSEST4150	150 micron
FK-SSEST4250	250 micron
FK-SSEST4450	450 micron

Do you also need?

PARKAIR®

PTFE tube



Find it on page 670, section ten

STEEL TUBE

ADVANTAGES OF BLACK PHOSPHATED HYDRAULIC STEEL TUBE

- Strong consistency and better appearance
- Good anti-rust performance of pipe
- Clarinet phosphides are mainly used in hydraulic systems

SPECIFICATIONS

Technical details	Metric OD to DIN 2391/c ST37.4NBK
Materials	Cold drawn seamless steel tube phosphated
Applications	Pneumatic & hydraulic lines

Please allow 72 hours for delivery of tube



8100

COLD DRAWN SEAMLESS STEEL TUBE – 3 M METRIC

PART NUMBER				
HST 06X03	6.0	3.0	1.5	600
HST 06X04	6.0	4.0	1.0	400
HST 08X05	8.0	5.0	1.5	450
HST 08X06	8.0	6.0	1.0	300
HST 10X06	10.0	6.0	2.0	480
HST 10X07	10.0	7.0	1.5	360
HST 12X09	12.0	9.0	1.5	300
HST 14X10	14.0	10.0	2.0	342
HST 15X12	15.0	12.0	1.5	240
HST 16X10	16.0	10.0	3.0	450
HST 16X12	16.0	12.0	2.0	300
HST 16X13	16.0	13.0	1.5	225
HST 18X15	18.0	15.0	1.5	200
HST 20X14	20.0	14.0	3.0	360
HST 20X16	20.0	16.0	2.0	191
HST 22X18	22.0	18.0	2.0	218
HST 25X19	25.0	19.0	3.0	288
HST 25X21	25.0	21.0	2.0	192
HST 28X24	28.0	24.0	2.0	171
HST 30X22	30.0	22.0	4.0	320
HST 30X24	30.0	24.0	3.0	240
HST 35X31	35.0	31.0	2.0	137
HST 38X28	38.0	28.0	5.0	315
HST 38X30	38.0	30.0	4.0	252
HST 42X36	42.0	36.0	3.0	171

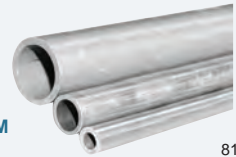
ZINC PLATED STEEL

SPECIFICATIONS

Technical details	Metric OD to DIN 2391/c ST37.4NBK
Materials	Zinc plated steel tube CR6 free

Please allow 72 hours for delivery of tube

Please allow 72 hours for delivery of tube



8100

ZINC PLATED STEEL TUBE – 3 M METRIC

PART NUMBER			
HZT 06X04	6	1.0	400
HZT 06X03	6	1.5	600
HZT 08X06	8	1.0	300
HZT 08X05	8	1.5	450
HZT 10X07	10	1.5	360
HZT 10X06	10	2.0	480
HZT 12X09	12	1.5	300
HZT 12X08	12	2.0	400
HZT 15X12	15	1.5	240
HZT 16X13	16	1.5	225
HZT 16X12	16	2.0	300
HZT 16X10	16	3.0	450
HZT 18X15	18	1.5	200
HZT 20X16	20	2.0	191
HZT 20X14	20	3.0	360
HZT 22X18	22	2.0	218
HZT 25X21	25	2.0	192
HZT 25X19	25	3.0	288
HZT 28X24	28	2.0	171
HZT 30X24	30	3.0	240
HZT 35X31	35	2.0	137
HZT 38X32	38	3.0	189
HZT 42X36	42	3.0	171

STAINLESS STEEL TUBE

SPECIFICATIONS

Technical details	ASTM A269 dual certified ASTM A213/ASME SA213
Suitable tubing materials	Stainless steel – seamless, fully annealed & welded redrawn; suitable for bending. Maximum hardness – Rockwell B90. ASTM A 269, ASTM A 213
Types	316L stainless steel (304 available upon request)

Please allow 72 hours for delivery of tube

New Additions

316L STAINLESS STEEL TUBE – 3 M METRIC



1765

316L STAINLESS STEEL TUBE – 3 M IMPERIAL

1765

PART NUMBER			
S-ST02-22	1/8	22	586
S-ST04-20	1/4	20	352
S-ST04-18	1/4	18	517
S-ST04-16	1/4	16	703
S-ST06-20	3/8	20	228
S-ST06-18	3/8	18	331
S-ST06-16	3/8	16	448
S-ST08-18	1/2	18	255
S-ST08-16	1/2	16	352
S-ST12-16	3/4	16	227
S-ST16-16	1	16	165

PART NUMBER			
S-ST06MMX1	6	1.0	426
S-ST06MM1.5	6	1.5	627
S-ST08MMX1	8	1.0	368
S-ST08MM1.5	8	1.5	520
S-ST10MMX1	10	1.0	294
S-ST10MM1.5	10	1.5	389
S-ST12MMX1	12	1.0	245
S-ST12MM1.5	12	1.5	368
S-ST15MM1.5	15	1.5	294
S-ST16MM1.5	16	1.5	200
S-ST16MMX2	16	2.0	270
S-ST18MMX2	18	2.0	327
S-ST20MMX2	20	2.0	294
S-ST22MM1.5	22	1.5	171
S-ST25MMX2	25	2.0	200

SPECIFICATIONS

- Manufactured to DIN 3015
- Temperature range: -30°C to +90°C
- Polypropylene jaws
- Carbon steel or stainless steel – see tables for details

SINGLE CLAMPS – LIGHT DUTY



8630

COMPLETE METRIC CARBON STEEL

PART NUMBER	TUBE OD	GROUP
D-A40AZ06	6 DIN	1
D-A40AZ08	8 DIN	1
D-A40AZ10	10 DIN	1
D-A40AZ12	12 DIN	1
D-A40AZ14	14 DIN	2
D-A40AZ15	15 DIN	2
D-A40AZ16	16 DIN	2
D-A40AZ18	18 DIN	2
D-A40AZ19	19 DIN	3
D-A40AZ20	20 DIN	3
D-A40AZ22	22 DIN	3
D-A40AZ25	25 DIN	3
D-A40AZ28	28 DIN	4
D-A40AZ30	30 DIN	4
D-A40AZ32	32 DIN	5
D-A40AZ35	35 DIN	5
D-A40AZ38	38 DIN	5
D-A40AZ40	40 DIN	5
D-A40AZ42	42 DIN	5
D-A40AZ50.8	50.8 DIN	6

REINFORCED CLAMPS – LIGHT DUTY



8630

COMPLETE METRIC CARBON STEEL

PART NUMBER	TUBE OD	GROUP
D-A41AZ06	6 DIN	1
D-A41AZ08	8 DIN	1
D-A41AZ10	10 DIN	1
D-A41AZ12	12 DIN	1
D-A41AZ14	14 DIN	2
D-A41AZ15	15 DIN	2
D-A41AZ16	16 DIN	2
D-A41AZ18	18 DIN	2
D-A41AZ20	20 DIN	3
D-A41AZ22	22 DIN	3
D-A41AZ25	25 DIN	3
D-A41AZ28	28 DIN	4
D-A41AZ30	30 DIN	4
D-A41AZ35	35 DIN	5
D-A41AZ38	38 DIN	5
D-A41AZ40	40 DIN	5
D-A41AZ42	42 DIN	5
D-A41AZ44.5	44.5 DIN	6
D-A41AZ50.8	50.8 DIN	6

IMPERIAL

PART NUMBER	NOMINAL BORE	GROUP
D-A40AZ13.2	1/4"	2
D-A40AZ16.7	3/8"	2
D-A40AZ21.3	1/2"	3
D-A40AZ26.7	3/4"	4
D-A40AZ33.3	1"	5
D-A40AZ48.3	1 1/2"	6

IMPERIAL

PART NUMBER	NOMINAL BORE	GROUP
D-A41AZ13.2	1/4"	2
D-A41AZ16.7	3/8"	2
D-A41AZ21.3	1/2"	3
D-A41AZ26.7	3/4"	4
D-A41AZ48.3	1 1/2"	6

SINGLE & REINFORCED CLAMP PARTS

ALLEN BOLT FOR SINGLE CLAMPS CARBON STEEL



8630

PART NUMBER	GROUP
D-AVTC1	1
D-AVTC2	2
D-AVTC3	3
D-AVTC4	4
D-AVTC5	5
D-AVTC6	6

HEXAGONAL BOLT FOR REINFORCED CLAMPS CARBON STEEL



8630

PART NUMBER	GROUP
D-AVTE1	1
D-AVTE2	2
D-AVTE3	3
D-AVTE4	4
D-AVTE5	5
D-AVTE6	6

LOWER PLATE FOR SINGLE & REINFORCED CLAMPS CARBON STEEL



8630

PART NUMBER	GROUP
D-APIN1	1
D-APIN2	2
D-APIN3	3
D-APIN4	4
D-APIN5	5
D-APIN6	6

UPPER PLATE FOR REINFORCED CLAMPS CARBON STEEL



8630

PART NUMBER	GROUP
D-APS1	1
D-APS2	2
D-APS3	3
D-APS4	4
D-APS5	5
D-APS6	6

SINGLE CLAMPS – LIGHT DUTY



8630

COMPLETE
METRIC
STAINLESS STEEL

PART NUMBER	TUBE OD	GROUP
D-ZA40AZ06	6 DIN	1
D-ZA40AZ08	8 DIN	1
D-ZA40AZ10	10 DIN	1
D-ZA40AZ12	12 DIN	1
D-ZA40AZ14	14 DIN	2
D-ZA40AZ15	15 DIN	2
D-ZA40AZ16	16 DIN	2
D-ZA40AZ18	18 DIN	2
D-ZA40AZ20	20 DIN	3
D-ZA40AZ22	22 DIN	3
D-ZA40AZ23	23 DIN	3
D-ZA40AZ25	25 DIN	3
D-ZA40AZ28	28 DIN	4
D-ZA40AZ30	30 DIN	4
D-ZA40AZ38	38 DIN	5
D-ZA40AZ40	40 DIN	5
D-ZA40AZ42	42 DIN	5

REINFORCED CLAMPS – LIGHT DUTY



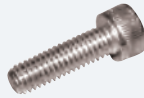
8630

COMPLETE
METRIC
STAINLESS STEEL

PART NUMBER	TUBE OD	GROUP
D-ZA41AZ06	6 DIN	1
D-ZA41AZ08	8 DIN	1
D-ZA41AZ10	10 DIN	1
D-ZA41AZ12	12 DIN	1
D-ZA41AZ14	14 DIN	2
D-ZA41AZ15	15 DIN	2
D-ZA41AZ16	16 DIN	2
D-ZA41AZ18	18 DIN	2
D-ZA41AZ20	20 DIN	3
D-ZA41AZ22	22 DIN	3
D-ZA41AZ23	23 DIN	3
D-ZA41AZ25	25 DIN	3
D-ZA41AZ28	28 DIN	4
D-ZA41AZ30	30 DIN	4
D-ZA41AZ38	38 DIN	5
D-ZA41AZ40	40 DIN	5
D-ZA41AZ42	42 DIN	5

SINGLE & REINFORCED CLAMP ACCESSORIES

ALLEN SCREW
FOR SINGLE CLAMPS
STAINLESS STEEL



8630

PART NUMBER	GROUP
D-ZAVTC1	1
D-ZAVTC2	2
D-ZAVTC3	3
D-ZAVTC4	4
D-ZAVTC5	5
D-ZAVTC6	6

HEXAGONAL SCREW
FOR REINFORCED CLAMPS
STAINLESS STEEL



8630

PART NUMBER	GROUP
D-ZAVTE1	1
D-ZAVTE2	2
D-ZAVTE3	3
D-ZAVTE4	4
D-ZAVTE5	5
D-ZAVTE6	6

LOWER PLATE
FOR SINGLE &
REINFORCED CLAMPS
STAINLESS STEEL



8630

PART NUMBER	GROUP
D-ZAPIN1	1
D-ZAPIN2	2
D-ZAPIN3	3
D-ZAPIN4	4
D-ZAPIN5	5
D-ZAPIN6	6

UPPER PLATE
FOR REINFORCED CLAMPS
STAINLESS STEEL



8630

PART NUMBER	GROUP
D-ZAPS1	1
D-ZAPS2	2
D-ZAPS3	3
D-ZAPS4	4
D-ZAPS5	5
D-ZAPS6	6

SINGLE & REINFORCED CLAMP PARTS & ACCESSORIES



**LIGHT DUTY
POLYPROPYLENE JAWS
METRIC**

8630

PART NUMBER	TUBE OD	GROUP
D-A106C	6 DIN	1
D-A108C	8 DIN	1
D-A110C	10 DIN	1
D-A112C	12 DIN	1
D-A214C	14 DIN	2
D-A215C	15 DIN	2
D-A216C	16 DIN	2
D-A218C	18 DIN	2
D-A319C	19 DIN	3
D-A320C	20 DIN	3
D-A322C	22 DIN	3
D-A323C	23 DIN	3
D-A325C	25 DIN	3
D-A428C	28 DIN	4
D-A430C	30 DIN	4
D-A535C	35 DIN	5
D-A538C	38 DIN	5
D-A540C	40 DIN	5
D-A542C	42 DIN	5
D-A644.5C	44.5 DIN	6
D-A650.8C	50.8 DIN	6

IMPERIAL

PART NUMBER	NOMINAL BORE	GROUP
D-A213.2C	1/4"	2
D-A216.7C	3/8"	2
D-A321.3C	1/2"	3
D-A426.7C	3/4"	4
D-A648.3C	1 1/2"	6

**CLAMPING ROD
CARBON STEEL**



8630

PART NUMBER	SIZE
D-TS14A	1 metre length

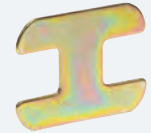
**EXTENDED WELDING PLATE
CARBON STEEL**



8630

PART NUMBER	GROUP
D-APT1	1
D-APT2	2
D-APT3	3
D-APT4	4
D-APT5	5

**STACKING LOCKING PLATE
CARBON STEEL**



8630

PART NUMBER	GROUP
D-APA1	1
D-APA2	2
D-APA3	3
D-APA4	4
D-APA5	5

**STACKING BOLT
CARBON STEEL**



8630

PART NUMBER	GROUP
D-AVTA1	1
D-AVTA2	2
D-AVTA3	3
D-AVTA4	4
D-AVTA5	5

**RAIL NUT
CARBON STEEL**



8630

PART NUMBER	THREAD
D-TC6A	M6
D-TC8A	M8

**JOINING PLATE
CARBON STEEL**

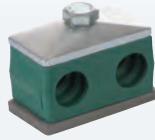


8630

PART NUMBER	GROUP
D-APAG1	1
D-APAG2	2
D-APAG3	3

DOUBLE CLAMPS, PARTS & ACCESSORIES – STANDARD DUTY

**COMPLETE
METRIC
CARBON STEEL**



8630

PART NUMBER	TUBE OD	GROUP
D-AZCFS06	6 DIN	1
D-AZCFS08	8 DIN	1
D-AZCFS10	10 DIN	1
D-AZCFS12	12 DIN	1
D-AZCFS14	14 DIN	2
D-AZCFS15	15 DIN	2
D-AZCFS16	16 DIN	2
D-AZCFS18	18 DIN	2
D-AZCFS19	19 DIN	3
D-AZCFS20	20 DIN	3
D-AZCFS22	22 DIN	3
D-AZCFS25	25 DIN	3
D-AZCFS26	26 DIN	4
D-AZCFS28	28 DIN	4
D-AZCFS30	30 DIN	4
D-AZCFS35	35 DIN	5
D-AZCFS38	38 DIN	5
D-AZCFS40	40 DIN	5
D-AZCFS42	42 DIN	5

**DOUBLE POLYPROPYLENE JAWS
METRIC**



8630

PART NUMBER	TUBE OD	GROUP
D-AD106C	6 DIN	1
D-AD108C	8 DIN	1
D-AD110C	10 DIN	1
D-AD112C	12 DIN	1
D-AD214C	14 DIN	2
D-AD215C	15 DIN	2
D-AD216C	16 DIN	2
D-AD218C	18 DIN	2
D-AD319C	19 DIN	3
D-AD320C	20 DIN	3
D-AD322C	22 DIN	3
D-AD325C	25 DIN	3
D-AD426C	26 DIN	4
D-AD428C	28 DIN	4
D-AD430C	30 DIN	4
D-AD535C	35 DIN	5
D-AD538C	38 DIN	5
D-AD540C	40 DIN	5
D-AD542C	42 DIN	5

IMPERIAL

PART NUMBER	NOMINAL BORE	GROUP
D-AZCFS13.2	1/4"	2
D-AZCFS16.7	3/8"	2
D-AZCFS21.3	1/2"	3
D-AZCFS26.7	3/4"	4
D-AZCFS33.3	1"	5

IMPERIAL

PART NUMBER	NOMINAL BORE	GROUP
D-AD213.2C	1/4"	2
D-AD216.7C	3/8"	2
D-AD321.3C	1/2"	3
D-AD426.7C	3/4"	4
D-AD533.3C	1"	5

**UPPER PLATE
FOR DOUBLE CLAMPS
CARBON STEEL**



8630

PART NUMBER	GROUP
D-ADPS1	1
D-ADPS2	2
D-ADPS3	3
D-ADPS4	4
D-ADPS5	5

**STACKING BOLT
FOR DOUBLE CLAMPS
CARBON STEEL**



8630

PART NUMBER	GROUP
D-ADVTA2	2
D-ADVTA3	3
D-ADVTA4	4

**LOWER PLATE
FOR DOUBLE CLAMPS
CARBON STEEL**



8630

PART NUMBER	GROUP
D-ADPIN1	1
D-ADPIN2	2
D-ADPIN3	3
D-ADPIN4	4
D-ADPIN5	5

**STACKING LOCKING PLATE
FOR DOUBLE CLAMPS
CARBON STEEL**



8630

PART NUMBER	GROUP
D-ADPA1	1
D-ADPA2	2

**HEXAGONAL BOLT
FOR DOUBLE CLAMPS
CARBON STEEL**



8630

PART NUMBER	GROUP
D-ADVTE1	1
D-ADVTE2	2
D-ADVTE3	3
D-ADVTE4	4
D-ADVTE5	5

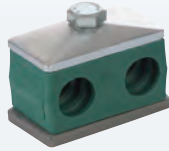
**JOINING PLATE
FOR DOUBLE CLAMPS
CARBON STEEL**



8630

PART NUMBER	GROUP
D-ADPAG1	1
D-ADPAG2	2
D-ADPAG3	3

DOUBLE CLAMPS & PARTS & ACCESSORIES



8630

**COMPLETE
METRIC
STAINLESS STEEL**

PART NUMBER	TUBE OD	GROUP
D-ZAZCFS06	6 DIN	1
D-ZAZCFS08	8 DIN	1
D-ZAZCFS10	10 DIN	1
D-ZAZCFS12	12 DIN	1
D-ZAZCFS14	14 DIN	2
D-ZAZCFS15	15 DIN	2
D-ZAZCFS16	16 DIN	2
D-ZAZCFS18	18 DIN	2
D-ZAZCFS20	20 DIN	3
D-ZAZCFS22	22 DIN	3
D-ZAZCFS25	25 DIN	3
D-ZAZCFS28	28 DIN	4
D-ZAZCFS30	30 DIN	4
D-ZAZCFS35	35 DIN	5
D-ZAZCFS38	40 DIN	5
D-ZAZCFS42	42 DIN	5



8630

**LOWER PLATE
FOR DOUBLE CLAMPS
STAINLESS STEEL**

PART NUMBER	GROUP
D-ZADPIN1	1
D-ZADPIN2	2
D-ZADPIN3	3
D-ZADPIN4	4
D-ZADPIN5	5



8630

**UPPER PLATE
FOR DOUBLE CLAMPS
STAINLESS STEEL**

PART NUMBER	GROUP
D-ZADPS1	1
D-ZADPS2	2
D-ZADPS3	3
D-ZADPS4	4
D-ZADPS5	5



8630

**HEXAGONAL BOLT
FOR DOUBLE CLAMPS
STAINLESS STEEL**

PART NUMBER	GROUP
D-ZADVTE1	1
D-ZADVTE2	2
D-ZADVTE3	3
D-ZADVTE4	4
D-ZADVTE5	5

Do you also need?

VOSS

Hydraulic adaptors



Find it on pages 218 – 232, section four

HEAVY DUTY CLAMP PARTS & ACCESSORIES



8630

POLYPROPYLENE JAWS
METRIC

PART NUMBER	TUBE OD	GROUP
D-AMPP106C	6 DIN	1
D-AMPP108C	8 DIN	1
D-AMPP110C	10 DIN	1
D-AMPP112C	12 DIN	1
D-AMPP114C	14 DIN	1
D-AMPP115C	15 DIN	1
D-AMPP116C	16 DIN	1
D-AMPP118C	18 DIN	1
D-AMPP220C	20 DIN	2
D-AMPP222C	22 DIN	2
D-AMPP225C	25 DIN	2
D-AMPP228C	28 DIN	2
D-AMPP230C	30 DIN	2
D-AMPP330C	30 DIN	3
D-AMPP332C	32 DIN	3
D-AMPP335C	35 DIN	3
D-AMPP338C	38 DIN	3
D-AMPP340C	40 DIN	3
D-AMPP342C	42 DIN	3
D-AMPP438C	38 DIN	4
D-AMPP442C	42 DIN	4
D-AMPP445C	45 DIN	4
D-AMPP448C	48 DIN	4
D-AMPP450C	50 DIN	4
D-AMPP455C	55 DIN	4
D-AMPP465C	65 DIN	4
D-AMPP470C	70 DIN	4



8630

LOWER PLATE
CARBON STEEL

PART NUMBER	GROUP
D-APINP1	1
D-APINP2	2
D-APINP3	3
D-APINP4	4



8630

UPPER PLATE
CARBON STEEL

PART NUMBER	GROUP
D-APSP1	1
D-APSP2	2
D-APSP3	3
D-APSP4	4

IMPERIAL

PART NUMBER	NOMINAL BORE	GROUP
D-AMPP113.2C	1/4"	1
D-AMPP221.3C	1/2"	2
D-AMPP226.7C	3/4"	2
D-AMPP333.3C	1"	3
D-AMPP342.4C	1 1/4"	3
D-AMPP442.4C	1 1/4"	4
D-AMPP448.4C	1 1/2"	4
D-AMPP460.3C	2"	4



8630

HEXAGONAL BOLT
CARBON STEEL

PART NUMBER	GROUP
D-AVTEP1	1
D-AVTEP2	2
D-AVTEP3	3
D-AVTEP4	4

Do you also need?

PARKAIR® Hydraulic steel tube



Find it on page 247, section four



Tube NB,
Nominal bore or
nominal pipe size

LUBRICATION COMPRESSION FITTINGS

FEATURES / BENEFITS

- Suitable for oil & grease applications

SPECIFICATIONS

Max. working pressure 100 bar

LL STRAIGHT MALE STUD ZINC NICKEL COATED



7900

PART NUMBER	THREAD	TUBE OD
LU-1130	M6 x 1	4 mm
LU-1140	M8 x 1	4 mm
LU-1150	M10 x 1	4 mm
LU-1160	1/8" BSPT	4 mm
LU-1170	M6 x 1	6 mm
LU-1180	M8 x 1	6 mm
LU-1190	M10 x 1	6 mm
LU-1200	1/8" BSPT	6 mm
LU-1210	1/4" BSPT	6 mm

LL STRAIGHT MALE STUD 316 STAINLESS STEEL



7900

PART NUMBER	THREAD	TUBE OD
LU-1220S/S	M6 x 1	6 mm
LU-1230S/S	M8 x 1	6 mm
LU-1240S/S	M10 x 1	6 mm
LU-1250S/S	1/8" BSPT	6 mm

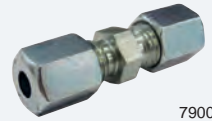
LL COMPRESSION CONNECTOR ZINC NICKEL COATED



7900

PART NUMBER	TUBE OD	TUBE OD
LU-1260	4 mm	4 mm
LU-1270	6 mm	6 mm

LL COMPRESSION CONNECTOR 316 STAINLESS STEEL



7900

PART NUMBER	TUBE OD	TUBE OD
LU-1290S/S	6 mm	6 mm

LL 90° ELBOW MALE STUD ZINC NICKEL COATED



7900

PART NUMBER	THREAD	TUBE OD
LU-1000	M6 x 1	4 mm
LU-1010	M8 x 1	4 mm
LU-1020	M10 x 1	4 mm
LU-1030	1/8" BSPT	4 mm
LU-1040	M6 x 1	6 mm
LU-1050	M8 x 1	6 mm
LU-1060	M10 x 1	6 mm
LU-1070	1/8" BSPT	6 mm

LL 90° ELBOW MALE STUD 316 STAINLESS STEEL



7900

PART NUMBER	THREAD	TUBE OD
LU-1090S/S	M6 x 1	6 mm
LU-1100S/S	M8 x 1	6 mm
LU-1110S/S	M10 x 1	6 mm
LU-1120S/S	1/8" BSPT	6 mm

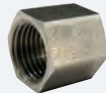
L 90° ELBOW MALE STUD ZINC NICKEL COATED



7900

PART NUMBER	THREAD	TUBE OD
LU-1080	1/4" BSPT	6 mm

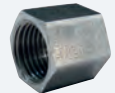
LL COMPRESSION NUT ZINC NICKEL COATED



7900

PART NUMBER	TUBE OD
LU-1300	4 mm
LU-1310	6 mm

LL COMPRESSION NUT 316 STAINLESS STEEL



7900

PART NUMBER	TUBE OD
LU-1340S/S	6 mm

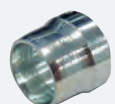
LL COMPRESSION RING ZINC NICKEL COATED



7900

PART NUMBER	TUBE OD
LU-1320	4 mm
LU-1330	6 mm

LL COMPRESSION RING 316 STAINLESS STEEL



7900

PART NUMBER	TUBE OD
LU-1350S/S	6 mm

PUSH-IN LUBRICATION FITTINGS

FEATURES / BENEFITS

- Suitable for oil & grease applications
- For use with nylon tube

SPECIFICATIONS

Max. working pressure	60 bar
Material	Nickel plated brass

PUSH-IN STRAIGHT NICKEL PLATED BRASS



7900

PART NUMBER	THREAD	TUBE OD
LU-1355	1/4" UNF	4 mm
LU-1360	M6 x 1	4 mm
LU-1370	M8 x 1	4 mm
LU-1380	M10 x 1	4 mm
LU-1390	1/8" BSPT	4 mm
LU-1395	1/4" UNF	6 mm
LU-1400	M6 x 1	6 mm
LU-1410	M8 x 1	6 mm
LU-1420	M10 x 1	6 mm
LU-1430	1/8" BSPT	6 mm

PUSH-IN CONNECTOR NICKEL PLATED BRASS



7900

PART NUMBER	TUBE OD	TUBE OD
LU-1520	4 mm	4 mm
LU-1530	6 mm	6 mm

PUSH-IN 90° ELBOW NICKEL PLATED BRASS



7900

PART NUMBER	THREAD	TUBE OD
LU-1435	1/4" UNF	4 mm
LU-1440	M6 x 1	4 mm
LU-1450	M8 x 1	4 mm
LU-1460	M10 x 1	4 mm
LU-1470	1/8" BSPT	6 mm
LU-1480	M6 x 1	6 mm
LU-1490	M8 x 1	6 mm
LU-1500	M10 x 1	6 mm
LU-1510	1/8" BSPT	6 mm

PUSH-IN 90° SWIVEL ELBOW NICKEL PLATED BRASS



7900

PART NUMBER	THREAD	TUBE OD
LU-1534	1/4" UNF	4 mm
LU-1535	M6 x 1	4 mm
LU-1536	M8 x 1	4 mm
LU-1537	M10 x 1	4 mm
LU-1538	1/4" UNF	6 mm
LU-1540	M6 x 1	6 mm
LU-1550	M8 x 1	6 mm
LU-1560	M10 x 1	6 mm
LU-1570	1/8" BSPT	6 mm

LUBRICATION ADAPTORS

FEATURES / BENEFITS

- Suitable for oil & grease applications

SPECIFICATIONS

Max. working pressure	100 bar
Material	Zinc nickel coated

45° ELBOW ADAPTOR ZINC NICKEL COATED



7900

PART NUMBER	MALE THREAD	FEMALE THREAD
LU-1580	M8 x 1	M8 x 1
LU-1590	M10 x 1	M10 x 1
LU-1600	1/8" BSPT	1/8" BSPT

90° ELBOW ADAPTOR ZINC NICKEL COATED



7900

PART NUMBER	MALE THREAD	FEMALE THREAD
LU-1610	M6 x 1	M6 x 1
LU-1620	M8 x 1	M8 x 1
LU-1630	M10 x 1	M10 x 1
LU-1640	1/8" BSPT	1/8" BSPT

LUBRICATION ADAPTORS – CONTINUED

FEATURES / BENEFITS

- Suitable for oil & grease applications



7900

STRAIGHT EXTENSION ADAPTOR ZINC NICKEL COATED

PART NUMBER	MALE THREAD	FEMALE THREAD	OVERALL LENGTH
LU-1900	M6 x 1	M8 x 1	18 mm
LU-1910	M8 x 1	M8 x 1	32 mm
LU-1920	1/8" BSPT	1/8" BSPT	18 mm
LU-1930	1/8" BSPT	1/8" BSPT	22 mm
LU-1940	1/8" BSPT	1/8" BSPT	35 mm
LU-1950	1/8" BSPT	1/8" BSPT	50 mm

SPECIFICATIONS

Max. working pressure	100 bar
Material	Zinc nickel coated or brass (see table below)



7900

90° BANJO ELBOW BRASS

PART NUMBER	MALE THREAD	FEMALE THREAD	TUBE OD
LU-1650	M8 x 1	M8 x 1	4 mm
LU-1660	M10 x 1	M8 x 1	4 mm
LU-1670	M6 x 1	M10 x 1	6 mm
LU-1680	M8 x 1	M10 x 1	6 mm
LU-1690	M10 x 1	M10 x 1	6 mm
LU-1700	1/8" BSPT	M10 x 1	6 mm

HIGH PRESSURE HOSE & FITTINGS

HOSE SPECIFICATIONS

Burst pressure	840 bar (12183 psi) @ 20°C
Hose length	10 m

MATERIALS

Inner	Polyamide 6 (PA6) tube is encased & embedded in polyester mesh
Outer	Polyurethane coat is adhered onto the polyester mesh & inner tube



7900

HIGH PRESSURE HOSE GREASE FILLED

PART NUMBER				
LU-1720	8.75	4.0	840	10
LU-1765	11.30	6.3	840	10

NON-GREASE FILLED

LU-1710	8.75	4.0	840	10
LU-1730	11.30	6.3	840	10

STRAIGHT INSERT ZINC NICKEL COATED



7900

PART NUMBER	STANDPIPE OD	HOSE OD
LU-1740	4 mm	8.75 mm
LU-1750	6 mm	8.75 mm
LU-1770	8 mm	11.30 mm

316 STAINLESS STEEL

LU-1760S/S	6 mm	8.75 mm
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45° INSERT ZINC NICKEL COATED



7900

PART NUMBER	STANDPIPE OD	HOSE OD
LU-1785	6 mm	8.75 mm

90° INSERT ZINC NICKEL COATED



7900

PART NUMBER	STANDPIPE OD	HOSE OD
LU-1780	6 mm	8.75 mm
LU-1790	8 mm	11.30 mm

FERRULES

ZINC NICKEL COATED

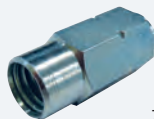


7900

PART NUMBER	HOSE OD
LU-1800	8.75 mm
LU-1810	11.30 mm

FERRULES

316 STAINLESS STEEL



7900

PART NUMBER	HOSE OD
LU-1820S/S	8.75 mm

Do you also need?

Tubing & hose symbol guide

Find it on page 260, section four

FEATURES

Hose supplied complete with end cuffs

SPECIFICATIONS

Construction	Oil abrasion ozone & weather resistant synthetic rubber
Temperature range	-35°C to +150°C
Rated Pressure	1 wire: 210 bar 2 wire: 400 bar

1 WIRE PRESSURE WASHER HOSE ASSEMBLY – 10 METRE

3/8" BSPP FEMALE / 3/8" BSPP FEMALE



1620

2 WIRE PRESSURE WASHER HOSE ASSEMBLY – 10 METRE

3/8" BSPP FEMALE / 3/8" BSPP FEMALE



1620

PART NUMBER			
PW-JH00400	1/4	Black	210
PW-JH00511	5/16	Black	210
PW-JH00730	3/8	Black	210
PW-JH00820	3/8	Blue	210

3/8" BSPP MALE / 3/8" BSPP FEMALE

PW-JH00405	1/4	Black	210
PW-JH00516	5/16	Black	210
PW-JH00740	3/8	Black	210
PW-JH00830	3/8	Blue	210

3/8" BSPP MALE / 3/8" BSPP MALE

PW-JH00735	3/8	Black	210
PW-JH00825	3/8	Blue	210

22 MM FEMALE / 3/8" BSPP FEMALE

PW-JH00425	1/4	Black	210
PW-JH00527	5/16	Black	210
PW-JH00750	3/8	Black	210
PW-JH00840	3/8	Blue	210

22 MM FEMALE / 3/8" BSPP MALE

PW-JH00420	1/4	Black	210
PW-JH00521	5/16	Black	210
PW-JH00745	3/8	Black	210
PW-JH00835	3/8	Blue	210

22 MM FEMALE / 22 MM FEMALE

PW-JH00430	1/4	Black	210
PW-JH00532	5/16	Black	210
PW-JH00755	3/8	Black	210
PW-JH00845	3/8	Blue	210

PART NUMBER			
PW-JH00460	1/4	Black	400
PW-JH00570	5/16	Black	400
PW-JH00760	3/8	Black	400
PW-JH00860	3/8	Blue	400

3/8" BSPP MALE / 3/8" BSPP FEMALE

PW-JH00575	5/16	Black	400
PW-JH00770	3/8	Black	400
PW-JH00873	3/8	Blue	400

3/8" BSPP MALE / 3/8" BSPP MALE

PW-JH00765	3/8	Black	400
PW-JH00865	3/8	Blue	400

22 MM FEMALE / 3/8" BSPP FEMALE

PW-JH00585	5/16	Black	400
PW-JH00780	3/8	Black	400
PW-JH00883	3/8	Blue	400

22 MM FEMALE / 3/8" BSPP MALE

PW-JH00580	5/16	Black	400
PW-JH00775	3/8	Black	400
PW-JH00878	3/8	Blue	400

22 MM FEMALE / 22 MM FEMALE

PW-JH00465	1/4	Black	400
PW-JH00590	5/16	Black	400
PW-JH00785	3/8	Black	400
PW-JH00888	3/8	Blue	400



BLUE END CUFFS

FOR USE ON 1 OR 2 WIRE HOSE

1620

PART NUMBER	DESCRIPTION
PW-JHG04BLU	Blue end cuff for 1/4" hose
PW-JHG05BLU	Blue end cuff for 5/16" hose
PW-JHG06BLU	Blue end cuff for 3/8" hose



BLACK END CUFFS

FOR USE ON 1 OR 2 WIRE HOSE

1620

PART NUMBER	DESCRIPTION
PW-JHG04BLK	Black end cuff for 1/4" hose
PW-JHG05BLK	Black end cuff for 5/16" hose
PW-JHG06BLK	Black end cuff for 3/8" hose



COMPLETE LANCE & TRIGGERS

1620

PART NUMBER	DESCRIPTION
PW-JL00145	Fixed gun trigger & lance 900 mm 1/4" meg nozzle
PW-JL00155	Swivel gun trigger & lance 900 mm 1/4" meg nozzle



LANCE NOZZLE PROTECTOR

1620

PART NUMBER	DESCRIPTION
PW-JL001575	3 part front lance nozzle protector



TRIGGER ASSEMBLY

1620

PART NUMBER	INLET	OUTLET	WORKING PRESSURE	FITTING
PW-JT00118	3/8" BSPF	1/4" BSP	276 bar 45 l/min	Swivel



GUN INSERTS

1620

PART NUMBER	DESCRIPTION
PW-JSW204	1/4" HT SW2 1 washer gun insert
PW-JSW205	5/16" HT SW2 1 washer gun insert
PW-JSW504	1/4" HT SW5 3 washer gun insert
PW-JSW505	5/16" HT SW5 3 washer gun insert



LANCES

ZINC PLATED LANCE & NOZZLE PROTECTOR

1620

PART NUMBER	DESCRIPTION
PW-JL00141	Mould grip angled 900 mm 3 part protector
PW-JL00150	Mould grip angled 1200 mm 3 part protector



GUN QUICK RELEASE SYSTEM

FOR PRESSURE WASHER HOSE ASSEMBLIES

1620

PART NUMBER	DESCRIPTION
PW-JA01570	Quick release spigot
PW-JA01571	Quick release coupling



TWIN LANCE & SIDE HANDLE

1620

PART NUMBER	DESCRIPTION
PW-JL00144	Twin lance with side handle 1050 mm



HIGH & LOW PRESSURE SWIVEL GUN ATTACHMENTS

100 – 600 BAR RATED

1620

PART NUMBER	DESCRIPTION
PW-JA01125	3/8" M x 3/8" F brass swivel connector



LANCE HANDLE

1620

PART NUMBER	DESCRIPTION
PW-JL00153	Lance handle



METRIC ATTACHMENT JET WASH ADAPTORS FOR PRESSURE WASHER HOSE ASSEMBLIES

1620

PART NUMBER	DESCRIPTION
PW-HFMK2204	DN6 M22 x 1.5 x 1/4 jet wash hosetail
PW-HFMK2205	DN8 M22 x 1.5 x 5/16 jet wash hosetail
PW-HFMK2206	DN10 M22 x 1.5 x 3/8 jet wash hosetail



1620

**PRESSURE WASHER ADAPTORS
MALE**

PART NUMBER	DESCRIPTION
PW-JC02000	22 mm male x 1/4" BSPP male brass adaptor
PW-JC02001	22 mm male x 1/4" BSPP female brass adaptor
PW-JC02002	22 mm male x 3/8" BSPP male brass adaptor
PW-JC02003	22 mm male x 3/8" BSPP female brass adaptor
PW-JC02004	22 mm male x 22 mm male brass adaptor



1620

**PRESSURE WASHER
ADAPTORS
FEMALE**

PART NUMBER	DESCRIPTION
PW-JC2005	22 mm female coupling x 1/4" BSPP female
PW-JC2006	22 mm female coupling x 1/4" BSPP male
PW-JC2007	22 mm female coupling x 3/8" BSPP female
PW-JC2008	22 mm female coupling x 3/8" BSPP male



1620

**REPLACEMENT NOZZLES
STAINLESS STEEL
1/4" NPT MALE 316 L SPRAY NOZZLE**

PART NUMBER	DEGREE	SIZE
PW-JN00240	0°	03
PW-JN00241	0°	035
PW-JN00242	0°	04
PW-JN00243	0°	045
PW-JN00244	0°	05
PW-JN00245	0°	055
PW-JN00246	0°	06
PW-JN00247	0°	065
PW-JN00248	0°	07
PW-JN00249	15°	03
PW-JN00250	15°	035
PW-JN00251	15°	04
PW-JN00253	15°	045
PW-JN00254	15°	055
PW-JN00255	15°	06
PW-JN00256	15°	065
PW-JN00257	15°	07
PW-JN00258	25°	03
PW-JN00259	25°	035
PW-JN00260	25°	04
PW-JN00261	25°	045
PW-JN00262	25°	05
PW-JN00263	25°	055
PW-JN00264	25°	06
PW-JN00265	25°	065
PW-JN00266	25°	07



1620

**BRASS CHEMICAL NOZZLE
1/4" MEG**

PART NUMBER	DESCRIPTION
PW-JN00268	Car wash brass gun nozzle



1620

**CAR WASH NOZZLE
STAINLESS STEEL
1/4" MEG NOZZLE**

PART NUMBER	DESCRIPTION
PW-JN00267	Car wash low pressure chemical nozzle



1620

NOZZLE HOLDERS

PART NUMBER	DESCRIPTION
PW-JN00270	Double rollover adjustable nozzle holder
PW-JN00272	Double rollover adjustable nozzle holder with protection
PW-JN00271	TR1 adjustable nozzle holder



1620

**WATER QRC LOW PRESSURE
SINGLE ITEMS**

PART NUMBER	DESCRIPTION
PW-JA01725	12 – 15 mm quick hose coupling half
PW-JA01726	16 – 19 mm quick hose coupling half
PW-JA01727	1/2" BSPP female plug half tap connector brass
PW-JA01728	3/4" BSPP female plug half tap connector brass



1620

BOOMS

PART NUMBER	DESCRIPTION
PW-JA01503	1980 mm ceiling boom 360° rotating



**QUICK-FIT THREADED PLUGS
METRIC MALE**

PART NUMBER	THREAD SIZE	DIA	HEIGHT
AL12605	M14 x 1.5	21.5 mm	12.5 mm
AL12606	M16 x 1.5	23.6 mm	12.5 mm
AL18408	M20 x 1.5	26.0 mm	13.0 mm
AL12597	M30 x 2.0	39.9 mm	14.6 mm
AL12611	M36 x 2.0	45.6 mm	21.5 mm
AL12578	M42 x 2.0	63.7 mm	21.2 mm
AL12602	M45 x 2.0	57.8 mm	18.5 mm
AL12612	M52 x 2.0	65.9 mm	21.3 mm



**QUICK-FIT CAPS
METRIC FEMALE**

PART NUMBER	THREAD SIZE	DIA	HEIGHT
AL464150	M16 x 1.5	18.0 mm	12.0 mm
AL464152	M18 x 1.5	20.0 mm	14.0 mm
AL464153	M20 x 1.5	22.0 mm	14.0 mm
AL464154	M22 x 1.5	24.5 mm	14.0 mm
AL464155	M24 x 1.5	26.5 mm	14.0 mm
AL464156	M26 x 1.5	28.5 mm	14.0 mm
AL464157	M28 x 1.5	32.0 mm	14.0 mm
AL464158	M30 x 2.0	34.0 mm	14.0 mm

**QUICK-FIT THREADED PLUGS
BSPP / GAS MALE**

AL10101	1/4" x 19	20.5 mm	9.2 mm
AL10102	3/8" x 19	24.1 mm	9.6 mm
AL10103	1/2" x 14	30.4 mm	9.2 mm
AL10105	5/8" x 14	30.2 mm	9.2 mm
AL10106	3/4" x 14	34.0 mm	9.1 mm
AL10107	1" x 11	40.2 mm	9.0 mm
AL12614	1 1/4" x 11	49.5 mm	18.7 mm
AL11242	1 1/2" x 11	55.2 mm	27.7 mm
AL10496A	2"	73.7 mm	17.5 mm

**THREADED PROTECTION CAPS
BSPP / GAS FEMALE**

AL10559	1/4" x 19	14.8 mm	11.0 mm
AL10104	3/8" x 19	18.7 mm	11.3 mm
AL10198	1/2" x 14	23.2 mm	13.5 mm
AL11157	5/8" x 14	25.4 mm	15.7 mm
AL10205	3/4" x 14	29.4 mm	17.7 mm
AL10204	1" x 11	36.0 mm	19.0 mm
AL10167	1 1/4" x 11	44.4 mm	19.8 mm
AL10432A	1 1/2"	50.3 mm	20.5 mm
AL10968A	2"	61.9 mm	21.0 mm

**QUICK-FIT THREADED PLUGS
UNF / JIC MALE**

AL10108	7/16" x 20	18.5 mm	9.0 mm
AL10109	1/2" x 20	20.6 mm	9.1 mm
AL10110	9/16" x 18	21.4 mm	9.0 mm
AL10119	3/4" x 16	26.7 mm	9.3 mm
AL10120	7/8" x 14	29.8 mm	9.2 mm
AL11000	1 1/6" x 12	33.9 mm	9.0 mm
AL11001	1 5/16" x 12	40.3 mm	9.4 mm

**THREADED PROTECTION CAPS
UNF / JIC FEMALE**

AL10332	7/16" x 20	13.3 mm	12.9 mm
AL10528	1/2" x 20	14.5 mm	13.5 mm
AL11041	9/16" x 18	16.5 mm	13.5 mm
AL12847	3/4" x 16	21.7 mm	13.8 mm
AL11089	7/8" x 14	24.9 mm	20.2 mm
AL10685	1 1/6" x 12	29.4 mm	19.0 mm
AL10151	1 5/16" x 12	29.4 mm	22.2 mm

TUBING & HOSE SYMBOL GUIDE

SYMBOL	DESCRIPTION
	Outside diameter millimetres
	Inside diameter millimetres
	Outside diameter inches
	Inside diameter inches
	Outside diameter of inner tube millimetres

SYMBOL	DESCRIPTION
	Wall thickness millimetres
	Wall thickness inches
	Coil outside diameter inches
	Working length metres
	Working length feet

SYMBOL	DESCRIPTION
	Hose length metres
	Bend radius millimetres
	Thread size BSPP
	Thread size BSPT
	Thread size metric

SYMBOL	DESCRIPTION
	Maximum pressure bar
	Burst pressure bar
	Vacuum pressure mm WG
	Water pressure mH ₂ O
	Colour

FEATURES

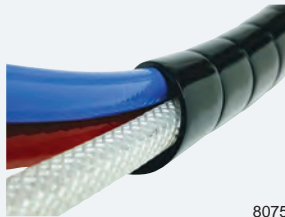
- Ideal for use with single hoses, bundles, multi-lines & cables
- Smooth surface with chamfered edges to aid an easy tool-free installation
- Capable of withstanding temperatures of -40°C to +138°C
- Resistant to many substances, including glycol & phosphate ester hydraulic fluids

APPLICATIONS

- Hydraulic
- Pneumatic
- Paint spray
- Industrial & many other hose types
- Electrical cables & more

SPECIFICATIONS

Range	From 10 – 150 mm
Material	HDPE – high density polyethylene
Temperature range	-40°C to +138°C



BLACK HDPE HOSE GUARD
50 M BOX

8075

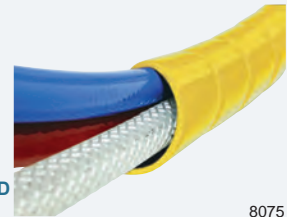
PART NUMBER	OD	RANGE
PPW12/50M	12 mm	10 – 13 mm
PPW16/50M	16 mm	14 – 20 mm
PPW20/50M	20 mm	18 – 24 mm
PPW25/50M	25 mm	22 – 30 mm
PPW32/50M	32 mm	30 – 38 mm
PPW40/50M	40 mm	36 – 45 mm

20 M BOX

PPW50/20M	50 mm	44 – 66 mm
PPW63/20M	63 mm	58 – 70 mm
PPW75/20M	75 mm	65 – 78 mm
PPW90/20M	90 mm	80 – 98 mm

12 M BOX

PPW110/12M	110 mm	96 – 116 mm
PPW125/12M	125 mm	116 – 150 mm



YELLOW HDPE HOSE GUARD
50 M BOX

8075

PART NUMBER	OD	RANGE
PPW12Y/50M	12 mm	10 – 13 mm
PPW16Y/50M	16 mm	14 – 20 mm
PPW20Y/50M	20 mm	18 – 24 mm
PPW25Y/50M	25 mm	22 – 30 mm
PPW32Y/50M	32 mm	30 – 38 mm
PPW40Y/50M	40 mm	36 – 45 mm

20 M BOX

PPW50Y/20M	50 mm	44 – 66 mm
PPW63Y/20M	63 mm	58 – 70 mm
PPW75Y/20M	75 mm	65 – 78 mm
PPW90Y/20M	90 mm	80 – 98 mm

12 M BOX

PPW110Y/12M	110 mm	96 – 116 mm
PPW125Y/12M	125 mm	116 – 150 mm

Do you also need?



**Hydraulic hose
& fittings**

Find it on pages 180 – 275, section four

FIRE SLEEVE RED OXIDE SILICONE COATED GLASS FIBRE SLEEVING

FEATURES

- High flexibility
- Continuous protection at an operating temperature of 260°C
- Ability to withstand a molten metal splash at 1200°C
- Highly resistant to most oils, hydraulic fluids, fuels, acids & alkalis
- When exposed to flame the high grade rubber will form a protective SiO₂ layer
- Health & safety – provides personnel with protection against burns from hot hoses, steam lines etc.
- Helps to reduce energy loss by retaining heat within pipe work
- Excellent flame resistance
- Good abrasion resistance

SPECIFICATIONS

Wall thickness	Approx. 3 mm
Average dielectric strength	30 Kv +
Materials	Manufactured from 'E' glass fibre yarn knitted to form a sleeve & coated with high grade silicone elastomer rubber.
Operating temperature	Up to 260°C Can withstand molten metal splash at 1200°C



**Size range up to 102 mm internal diameter
red oxide, blue, black & silver
Hook & loop close also available**



RED OXIDE SILICONE COATED FIRE SLEEVE

15 M

8075

PART NUMBER	ID
SL-FS10	10 mm
SL-FS12	12 mm
SL-FS16	16 mm
SL-FS19	19 mm
SL-FS25	25 mm
SL-FS28	28 mm
SL-FS32	32 mm
SL-FS35	35 mm
SL-FS38	38 mm
SL-FS41	41 mm

STAINLESS STEEL OVERBRAID SLEEVING

FEATURES

- Stainless steel wire braided sleeving provides sensitive cables with an EMC screen to shield them against electromagnetic, electrostatic & radio frequency interference

APPLICATIONS

- Screening of cables from electromagnetic, electrostatic & RF interference
- Mechanical support
- Protection against abrasion & corrosion
- EMC & RFI applications

SPECIFICATIONS

Temperature range	-35°C to +120°C
Break resistance	784 N/mm ²
Break strength	47%



304 GRADE STAINLESS STEEL OVERBRAID SLEEVING

10 M

8075

PART NUMBER	ID	OD
SL-SSB16	16 mm	16.44 mm
SL-SSB20	20 mm	20.60 mm
SL-SSB25	25 mm	25.60 mm
SL-SSB32	32 mm	32.60 mm
SL-SSB40	40 mm	40.60 mm
SL-SSB51	51 mm	51.60 mm
SL-SSB63	63 mm	63.60 mm
SL-SSB76	76 mm	76.60 mm

FLEXGUARD HOSE BURST

FEATURES

- High abrasion strength
- Non toxic
- Heat resistance woven ballistic nylon
- Stays intact at the highest operating temperature possible for any nylon 6 – polycaprolactum abrasion fire sleeve treated with our proprietary heat & flame resistant coating technology
- Easily installed over hoses, cables, tubing or pipes
- Excellent resistance to UV, atmospheric agents, moisture & ageing

SPECIFICATIONS

Continuous operating temperature	126°C (260°F)
Max. short term exposure	245°C (473°F)
Wall thickness	1.14 mm



Hook & loop close also available



FLEXGUARD HOSE BURST

50 M

8075

PART NUMBER	ID
SL-FHB19	19 mm
SL-FHB22	22 mm
SL-FHB25	25 mm
SL-FHB30	30 mm
SL-FHB32	32 mm
SL-FHB38	38 mm
SL-FHB50	50 mm
SL-FHB60	60 mm
SL-FHB76	76 mm

FEATURES

All plug types are reusable & for use in non-pressurised systems. No tools needed. Plugs offer an environmental & material protection system, preventing oil & chemical spills & leakages. Food safe plugs are produced from FDA approved material.

APPLICATIONS

Multiple usage in applications such as any hydraulic maintenance, heavy industry, offshore, forestry, construction, lifting, shipping, demolition, military, transportation, automotive, motorcycles, etc. The original rubber compound is silicone free & highly resistant to many chemicals, acids & other aggressive fluids.

Food safe is to be used where mediums like food, drinks & pharmaceuticals are involved. For use in commercial & industrial areas, including: restaurants, dairies, breweries, bakeries & chemical factories.

SPECIFICATIONS

Temperature range -25°C to +90°C (-15°F to +195°F)



**SPILL PREVENTION PLUGS
STANDARD PACK**

8930

PART NUMBER	SIZE	QTY PER BOX
YELLOC-10STD	5 – 22 mm	10

MICRO PACK

YELLOC-20MICRO	1 – 10 mm	20
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XL

YELLOC-4XL	13 – 42 mm	4
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MIXED PACK

YELLOC-10MIX	1 – 42 mm	10
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8930

INDUSTRIAL SPILL CONTROL PLUGS

PART NUMBER	SIZE	QTY PER BOX
YELLOC-IND35-80	35 mm – 80 mm	1
YELLOC-IND60-130	60 mm – 130 mm	1



**SPILL PREVENTION PLUGS
STANDARD PACK – FOOD SAFE**

8930

PART NUMBER	SIZE	QTY PER BOX
YELLOC-10STD-FQ	5 – 22 mm	10

MICRO PACK – FOOD SAFE

YELLOC-20MICRO-FQ	1 – 10 mm	20
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XL – FOOD SAFE

YELLOC-4XL-FQ	13 – 42 mm	4
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MIXED PACK – FOOD SAFE

YELLOC-10MIX-FQ	1 – 42 mm	10
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OIL CIRCULATION SIGHTS

FEATURES

Resistant to solvents, oils with additives, greases, acids & alkalis. Avoid contact with alcohol or detergents containing alcohol.

An adequate tightening torque is recommended when screwing the oil circulation sight, so as to guarantee optimal tightness without any deformation of the packing ring. Suggested tightening torque is the result of laboratory tests at ambient temperature (23°C) with sight, packing ring & reservoir walls perfectly cleaned.

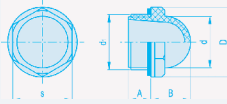
SPECIFICATIONS

Working temperature range -30°C to +100°C

Materials Transparent polyamide based (PA-T) technopolymer. NBR flat packing ring

MAIN DIMENSIONS

	A	B	D	d	s
HYA-10851	7.5	13.0	22.5	15	19.0
HYA-10901	10.5	16.0	26.0	19	22.0
HYA-11001	10.5	19.5	31.5	25	27.0
HYA-11101	11.0	24.0	42.0	31	36.0
HYA-11111	11.5	26.5	46.5	38	40.5



8072

HCFE SERIES

PART NUMBER	THREAD	TIGHTENING TORQUE (NM)
HYA-10851	3/8" BSPP	3 ÷ 5
HYA-10901	1/2" BSPP	4 ÷ 6
HYA-11001	3/4" BSPP	6 ÷ 8
HYA-11101	1" BSPP	8 ÷ 10
HYA-11111	1 1/4" BSPP	12 ÷ 15

OIL SIGHT GLASS

FEATURES

Oil level indicators with prismatic transparent window for high temperatures. The window consists of a continuous series of prisms, which provide an instant, clear reading of the level of the oil contained in the reservoir.

The tightening torque indicated in the table, guarantees an optimal tightness, keeping the packing ring in the correct position.

An adequate tightening torque is recommended when screwing the oil level indicator, so as to guarantee optimal tightness without any deformation of the packing ring.

Suggested tightening torque is the result of laboratory tests at ambient temperature (23°C) with indicator, packing ring & reservoir walls perfectly cleaned.

SPECIFICATIONS

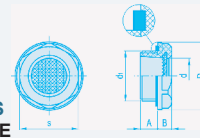
Working temperature range -30°C to +140°C (at 7 bar pressure)

MATERIALS

Indicator	Polyamide based (PA) technopolymer. Resistant to alcohol (methanol), solvents, oils with additives, greases, hydrocarbons & other chemical agents.
Prismatic window	Transparent sulphonic based technopolymer. Resistant to alcohol (methanol), solvents, oils with additives, greases, hydrocarbons, acids & alkalis.
Flat packing ring	FKM
Colour	Black, glossy finish

MAIN DIMENSIONS

	A	B	D	d	s
HYA-14463	10.0	8.5	28.0	14.5	24
HYA-14483	9.5	8.5	35.0	18.0	32
HYA-14523	11.0	9.5	42.5	23.0	38



8072

HGFT-HT-PR SERIES HIGH TEMPERATURE

PART NUMBER	THREAD	TIGHTENING TORQUE (NM)
HYA-14463	1/2" BSPP	6 ÷ 8
HYA-14483	3/4" BSPP	8 ÷ 10
HYA-14523	1" BSPP	10 ÷ 12

COLUMN LEVEL INDICATORS

FEATURES

- Resistant to shocks, solvents, oils with additives, aliphatic & aromatic hydrocarbons, petrol, naphtha & phosphoric esters
- Avoid contact with alcohol & detergents containing alcohol
- Magnifying lens effect
- Maximum fluid level visibility even from side positions
- Ultrasound welding to guarantee a perfect seal
- Step-shaped packing rings for reliable seal against reservoir walls

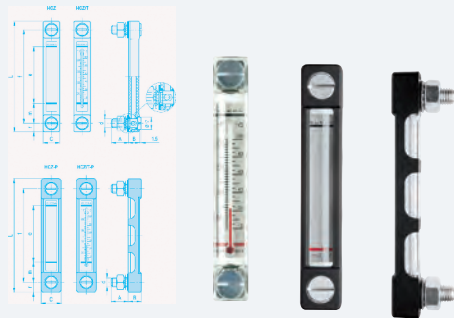
SPECIFICATIONS

Working temperature range -30°C to +90°C (with oil)

MATERIALS

Main body	Transparent polyamide based (PA-T) technopolymer
Screws & nuts	Zinc plated steel
Contrast screen	White laquered aluminium
O-ring screw	NBR synthetic rubber
Protection frame	Glass fibre reinforced polyamide (PA) SUPER-technopolymer, black colour, matte finish

MAIN DIMENSIONS	f	d	A	B	C	L	e	m	r	d	f
										(-0.2)	(+0.2)
HYA-11382	76	M10	22	15.0	22	99	40	18	11.5	10.5	76
HYA-11385	127	M12	22	15.0	22	150	80	23	11.5	12.5	127
HYA-11388	254	M12	22	15.0	24	278	203	25	12.5	12.5	254
HYA-11392	76	M10	22	17.5	27	105	40	18	14.5	10.5	76
HYA-11395	127	M12	22	17.5	27	156	80	23	14.5	12.5	127
HYA-11398	254	M12	22	17.5	29	284	203	25	15.5	12.5	254



HCZ SERIES

8072

PART NUMBER	MAXIMUM TIGHTENING TORQUE (NM)	ASSEMBLY CENTRE DISTANCE
HYA-11382	12	76
HYA-11385	12	127
HYA-11388	12	254
HYA-11392	12	76
HYA-11395	12	127
HYA-11398	12	254

OIL SIGHT GLASS

FEATURES

Resistant to solvents, oils with additives, greases, acids & alkalis.

The particular shape of this magnifying lens increases & improves visibility even from side positions.

The tightening torque indicated in the table guarantees an optimal tightness, keeping the packing ring in the correct position.

An adequate tightening torque is recommended when screwing the oil level indicator, so as to guarantee optimal tightness without any deformation of the packing ring. Suggested tightening torque is the result of laboratory tests at ambient temperature (23°C) with indicator, packing ring & reservoir walls perfectly cleaned.

SPECIFICATIONS

Working temperature range -30°C to +100°C

MATERIALS

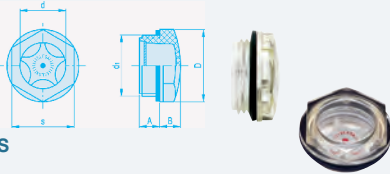
Transparent polyamide based (PA-T) technopolymer

Matte anodised aluminium with red central level point

NBR synthetic rubber

MAIN DIMENSIONS

	A	B	D	d	s
HYA-13661	8.0	7	22.0	11	19.0
HYA-13681	9.5	8	26.0	14	22.0
HYA-13701	8.0	9	31.5	18	27.0
HYA-13726	13.0	9	31.5	18	27.0
HYA-13711	9.0	9	31.5	20	27.0
HYA-13731	9.0	10	35.0	22	30.0
HYA-13751	11.0	10	40.0	25	34.0
HYA-13771	11.5	13	47.5	30	40.5
HYA-13651	10.0	6	18.0	9	15.0
HYA-13671	7.5	7	22.0	11	19.0
HYA-13691	10.5	8	26.0	14	22.0
HYA-13721	10.5	9	31.5	20	27.0
HYA-13741	11.0	10	40.0	25	34.0
HYA-13761	11.5	13	47.5	30	40.5



HFTX SERIES
METRIC

8072

PART NUMBER	THREAD	TIGHTENING TORQUE (NM)
HYA-13661	M16 x 1.5	2 ÷ 3
HYA-13681	M20 x 1.5	8 ÷ 10
HYA-13701	M25 x 1.5	8 ÷ 10
HYA-13726	M26 x 1.5	8 ÷ 10
HYA-13711	M27 x 1.5	8 ÷ 10
HYA-13731	M30 x 1.5	8 ÷ 10
HYA-13751	M35 x 1.5	8 ÷ 10
HYA-13771	M40 x 1.5	8 ÷ 10

IMPERIAL

HYA-13651	1/4" BSPP	2 ÷ 3
HYA-13671	3/8" BSPP	3 ÷ 5
HYA-13691	1/2" BSPP	4 ÷ 6
HYA-13721	3/4" BSPP	6 ÷ 8
HYA-13741	1" BSPP	8 ÷ 10
HYA-13761	1 1/4" BSPP	8 ÷ 10

FEATURES

Oil level indicators with prismatic window. The window consists of a continuous series of prisms, which provide an instant, clear reading of the level of the oil contained in the reservoir.

Resistant to solvents, oils with additives, greases, acids & alkalis. Avoid contact with alcohol or detergents containing alcohol.

The particular shape of this magnifying lens increases & improves visibility even from side positions.

The tightening torque indicated in the table guarantees an optimal tightness, keeping the packing ring in the correct position.

An adequate tightening torque is recommended when screwing the oil level indicator, so as to guarantee optimal tightness without any deformation of the packing ring. Suggested tightening torque is the result of laboratory tests at ambient temperature (23°C) with indicator, packing ring & reservoir walls perfectly cleaned.

SPECIFICATIONS

Working temperature range -30°C to +100°C

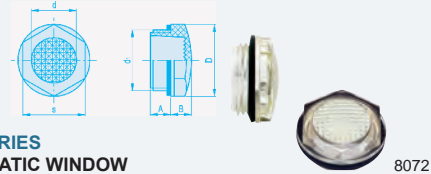
MATERIALS

Transparent polyamide based (PA-T) technopolymer

NBR synthetic rubber flat packing ring

MAIN DIMENSIONS

	A	B	D	d	s
HYA-13652	10.0	6	18.0	9	15
HYA-13672	7.5	7	22.0	11	19
HYA-13692	10.5	8	26.0	14	22
HYA-13722	10.5	9	31.5	20	27
HYA-13742	11.0	10	40.0	25	34



HFTX-PR SERIES
WITH PRISMATIC WINDOW

8072

PART NUMBER	THREAD	TIGHTENING TORQUE (NM)
HYA-13652	1/4" BSPP	2 ÷ 3
HYA-13672	3/8" BSPP	3 ÷ 5
HYA-13692	1/2" BSPP	4 ÷ 6
HYA-13722	3/4" BSPP	6 ÷ 8
HYA-13742	1" BSPP	8 ÷ 10

Do you also need?



Adhesives, cleaners & lubricators

Find it on pages 921 – 933, section fifteen

COLUMN LEVEL INDICATORS

FEATURES

Maximum fluid level visibility, even from side positions.

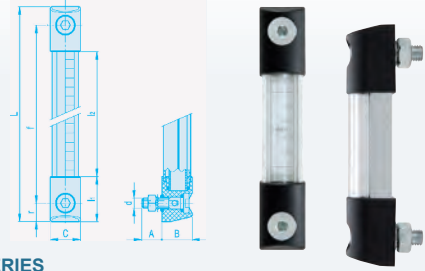
SPECIFICATIONS

Working temperature range -30°C to +100°C (with oil)

MATERIALS

Assembly ends	Glass fibre reinforced polyamide based (PA) technopolymer, black colour
Support	Aluminium, natural colour
Column level window	Polycarbonate transparent tube
Screws, nuts & washers	Zinc plated steel
Packing rings	NBR O-ring
Graduated contrast screen	Self-adhesive plastic material, resistant to oils & greases (fitted to the aluminium support)

MAIN DIMENSIONS	A	B	C	L	I1	I2	r	d (-0.2)	f (+0.2)
HYA-111001	20	33	33	113	35.5	42	18.5	10.5	76 + 0.2
HYA-111011	20	33	33	164	46.5	71	18.5	12.5	127 + 0.5



HCK SERIES

8072

PART NUMBER	THREAD	ASSEMBLY CENTRE DISTANCE	MAXIMUM TIGHTENING TORQUE
HYA-111001	M10	76 mm	12 Nm
HYA-111011	M12	127 mm	12 Nm

BREATHER CAPS

FEATURES

Resistant to solvents, oils, greases & other chemical agents.

Due to high air flow rate, are particularly suitable for use on hydraulic power packs or tanks subject to rapid changes in liquid volume.

SPECIFICATIONS

Working temperature range -30°C to +100°C

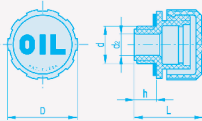
MATERIALS

Cover & threaded connector	Polyamide based (PA) technopolymer
Flat packing ring	NBR synthetic rubber

COLOUR

Cover	RAL 2004 orange, semi-matte finish, marked 'OIL'
Threaded connector	Black, semi-matte finish

MAIN DIMENSIONS	h	D	L	d2
HYA-56151	9.5	31	29.5	8
HYA-53901	9.5	31	29.5	10
HYA-53911	9.5	31	29.5	12
HYA-56181	11.5	42	36.5	10
HYA-56201	11.5	42	36.5	12
HYA-53921	11.5	42	36.5	17
HYA-53931	11.5	42	36.5	18
HYA-56241	14.0	57	42.0	18
HYA-56261	14.0	57	42.0	23
HYA-53932	16.0	57	44.0	32
HYA-53933	16.0	57	44.0	32
HYA-56381	17.0	70	59.0	23



SFN SERIES

8072

PART NUMBER	THREAD	DIAMETER
HYA-56151	1/4" BSPP	31 mm
HYA-53901	3/8" BSPP	31 mm
HYA-53911	1/2" BSPP	31 mm
HYA-56181	3/8" BSPP	42 mm
HYA-56201	1/2" BSPP	42 mm
HYA-53921	3/4" BSPP	42 mm
HYA-53931	1" BSPP	42 mm
HYA-56241	3/4" BSPP	57 mm
HYA-56261	1" BSPP	57 mm
HYA-53932	1 1/4" BSPP	57 mm
HYA-53933	1 1/2" BSPP	57 mm
HYA-56381	2" BSPP	70 mm

BREATHER CAP WITH SPLASH GUARD

FEATURES

Resistant to solvents, oils, greases & other chemical agents.

With 'tech-foam' air filter in polyurethane foam mesh (polyester base), air filtration 40µ (grey splash guard).

SPECIFICATIONS

Working temperature range -30°C to +100°C

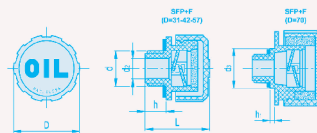
MATERIALS

Cover & thread connector	Polyamide based (PA) technopolymer
Flat packing ring	NBR synthetic rubber
Splash guard	Technopolymer

COLOUR

Cover	RAL 2004 orange, semi-matte finish, marked 'OIL'
Threaded connector	Black, semi-matte finish

MAIN DIMENSIONS	h	D	L	d2
HYA-53938	9.5	31	29.5	8
HYA-54022	9.5	31	29.5	10
HYA-54122	9.5	31	29.5	12
HYA-56662	11.5	42	36.5	10
HYA-56682	11.5	42	36.5	12
HYA-54222	11.5	42	36.5	18
HYA-54322	11.5	42	36.5	18
HYA-56712	14.0	57	42.0	18
HYA-56742	14.0	57	42.0	23
HYA-54422	16.0	57	44.0	32
HYA-54522	16.0	57	44.0	32



SFP SERIES

8072

PART NUMBER	THREAD	DIAMETER
HYA-53938	1/4" BSPP	31 mm
HYA-54022	3/8" BSPP	31 mm
HYA-54122	1/2" BSPP	31 mm
HYA-56662	3/8" BSPP	42 mm
HYA-56682	1/2" BSPP	42 mm
HYA-54222	3/4" BSPP	42 mm
HYA-54322	1" BSPP	42 mm
HYA-56712	3/4" BSPP	57 mm
HYA-56742	1" BSPP	57 mm
HYA-54422	1 1/4" BSPP	57 mm
HYA-54522	1 1/2" BSPP	57 mm

VALVE BREATHER CAPS

FEATURES

Valve opens when pressure exceeds 0.010 bar or 0.100 bar.

SFV valve breather caps are particularly suitable for those applications (speed reducers, variators or compressors) when the internal air pressure must not exceed a certain value (10 or 100 mb).

The safety valve of the cap allows the expulsion of the exceeding air in the reservoir, thus re-establishing the pressure values for which the valve is set.

A sealing disc prevents both dust from getting in & oil-losses.

SPECIFICATIONS

Working temperature range -30°C to +100°C

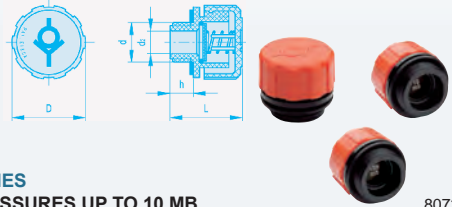
MATERIALS

Cover & thread connector	Polyamide based (PA) technopolymer
Flat packing ring	NBR synthetic rubber
Safety valve	Technopolymer sealing disk with NBR synthetic rubber O-ring & stainless steel spring

COLOUR

Cover	RAL 2004 orange, semi-matte finish with graphic symbol 'valve'
Threaded connector	Black, semi-matte finish

MAIN DIMENSIONS	h	D	L	d2
HYA-54656 / HYA-54651	9.5	31	29.5	8
HYA-54666 / HYA-54661	9.5	31	29.5	10
HYA-54676 / HYA-54671	9.5	31	29.5	10
HYA-54686 / HYA-54681	11.5	42	36.5	17
HYA-54696 / HYA-54691	11.5	42	36.5	17



SFV SERIES FOR PRESSURES UP TO 10 MB

8072

PART NUMBER	THREAD SIZE
HYA-54651	1/4" BSPP
HYA-54661	3/8" BSPP
HYA-54671	1/2" BSPP
HYA-54681	3/4" BSPP
HYA-54691	1" BSPP

FOR PRESSURES UP TO 100 MB

HYA-54656	1/4" BSPP
HYA-54666	3/8" BSPP
HYA-54676	1/2" BSPP
HYA-54686	3/4" BSPP
HYA-54696	1" BSPP

MAGNETIC PLUGS

FEATURES

Permanent magnetic element in special alloy with a high attractive power, to keep metal particles in oil.

Adequate tightening torque is recommended when screwing the plug, so as to guarantee optimal tightness without any deformation of the packing ring. Suggested tightening torque is the result of laboratory tests carried out at ambient temperature (23°C) with plug, packing ring & reservoir walls perfectly cleaned.

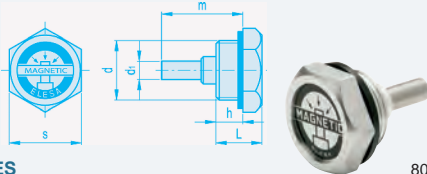
SPECIFICATIONS

Working temperature range -30°C to +100°C

MATERIALS

Plug	Aluminium
Plate	Matte anodised aluminium marked 'MAGNETIC' & graphic symbol
Flat packing ring	NBR synthetic rubber

MAIN DIMENSIONS	h	s	L	d1	m
HYA-59791	9	19	15.5	6	30.0
HYA-59801	9	22	15.5	8	30.5
HYA-59811	11	26	18.0	8	34.0
HYA-59821	12	32	20.0	8	36.0



TMA SERIES

8072

PART NUMBER	THREAD	TIGHTENING TORQUE (NM)
HYA-59791	1/4" BSPP	8 ÷ 10
HYA-59801	3/8" BSPP	8 ÷ 10
HYA-59811	1/2" BSPP	10 ÷ 15
HYA-59821	3/4" BSPP	10 ÷ 15

OIL DRAIN PLUGS

FEATURES

Resistant to solvents, oils, greases & other chemical agents.

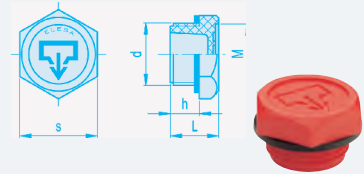
SPECIFICATIONS

Working temperature range -30°C to +100°C

MATERIALS

Plug	Glass fibre reinforced polyamide based (PA) technopolymer
Flat packing ring	NBR synthetic rubber
Colour	Red, similar to RAL 3000, matte finish with graphic symbol 'drain'

MAIN DIMENSIONS	h	s	L	M
HYA-59972	9	19	16	15.0
HYA-59974	9	19	16	15.0
HYA-59976	9	22	16	17.0
HYA-59978	11	26	18	20.5
HYA-59980	12	32	20	25.0
HYA-59982	13	38	22	31.0
HYA-59986	14	46	24	38.0
HYA-59988	15	55	26	46.0



TSD SERIES

8072

PART NUMBER	THREAD	TIGHTENING TORQUE (NM)
HYA-59972	1/8" BSPP	4 ÷ 6
HYA-59974	1/4" BSPP	4 ÷ 6
HYA-59976	3/8" BSPP	8 ÷ 10
HYA-59978	1/2" BSPP	8 ÷ 10
HYA-59980	3/4" BSPP	10 ÷ 12
HYA-59982	1" BSPP	15 ÷ 18
HYA-59986	1 1/4" BSPP	15 ÷ 18
HYA-59988	1 1/2" BSPP	15 ÷ 18

PLUGS

FEATURES

Resistant to solvents, oils, greases & other chemical agents.

Suitable for mounting.

An adequate tightening torque is recommended when screwing the plug, so as to guarantee optimal tightness without any deformation of the packing ring. Suggested tightening torque is the result of laboratory tests carried out at ambient temperature (23°C) with plug, packing ring & reservoir walls perfectly cleaned.

SPECIFICATIONS

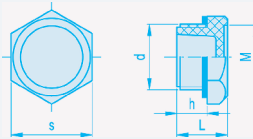
Working temperature range -30°C to +100°C

MATERIALS

Plug	Glass fibre reinforced, polyamide based (PA) technopolymer
Flat packing ring	NBR synthetic rubber
Colour	Black, matte finish

MAIN DIMENSIONS

	h	s	L	M
HYA-58294	9	19	16	15.0
HYA-58295	9	19	16	15.0
HYA-58296	9	22	16	17.0
HYA-58297	11	26	18	20.5
HYA-58298	12	32	20	25.0
HYA-58299	13	38	22	31.0
HYA-58411	14	46	24	38.0
HYA-58413	15	55	26	46.0



8072

OIL FILL PLUGS

FEATURES

Resistant to solvents, oils, greases & other chemical agents.

TCD plugs are suitable for mounting.

An adequate tightening torque is recommended when screwing the plug, so as to guarantee optimal tightness without any deformation of the packing ring. Suggested tightening torque is the result of laboratory tests carried out at ambient temperature (23°C) with plug, packing ring & reservoir walls perfectly cleaned.

SPECIFICATIONS

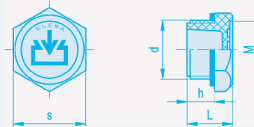
Working temperature range -30°C to +100°C

MATERIALS

Plug	Glass fibre reinforced, polyamide based (PA) technopolymer
Flat packing ring	NBR synthetic rubber
Colour	Black, matte finish

MAIN DIMENSIONS

	h	s	L	M
HYA-58591	9	19	16	15.0
HYA-58601	9	19	16	15.0
HYA-58611	9	22	16	17.0
HYA-58621	11	26	18	20.5
HYA-58631	12	32	20	25.0
HYA-58641	13	38	22	31.0
HYA-58643	14	46	24	38.0
HYA-58645	15	55	26	46.0



8072

TN SERIES

PART NUMBER	THREAD	TIGHTENING TORQUE (NM)
HYA-58294	1/8" BSPP	4 ÷ 6
HYA-58295	1/4" BSPP	4 ÷ 6
HYA-58296	3/8" BSPP	8 ÷ 10
HYA-58297	1/2" BSPP	8 ÷ 10
HYA-58298	3/4" BSPP	10 ÷ 12
HYA-58299	1" BSPP	12 ÷ 15
HYA-58411	1 1/4" BSPP	15 ÷ 18
HYA-58413	1 1/2" BSPP	15 ÷ 18

TCD SERIES

PART NUMBER	THREAD	TIGHTENING TORQUE (NM)
HYA-58591	1/8" BSPP	4 ÷ 6
HYA-58601	1/4" BSPP	4 ÷ 6
HYA-58611	3/8" BSPP	8 ÷ 10
HYA-58621	1/2" BSPP	8 ÷ 10
HYA-58631	3/4" BSPP	10 ÷ 12
HYA-58641	1" BSPP	12 ÷ 15
HYA-58643	1 1/4" BSPP	15 ÷ 18
HYA-58645	1 1/2" BSPP	15 ÷ 18

Do you also need?



Lubrication equipment



Find it on pages 254 – 256, section four

PRESSURE FILTERS

SPECIFICATIONS

Working pressure	420 bar
Test pressure	420 bar
Burst pressure	840 bar
Temperature range	-25°C to +110°C
Bypass valve	Opening pressure 6 bar
Filter element differential pressure	20 bar

MATERIALS

Head	Cast iron (chemical heat treatment)
Housing	Steel (chemical heat treatment)
Bypass valve	Steel
Seals	NBR



7710

FMM 050 SERIES

3 MICRON ELEMENT

PART NUMBER	INLET / OUTLET	FILTER LENGTH	FLOW RATE
MP-FMM0501BACA03NP01	1/2" BSPP	158 mm	42 l/min
MP-FMM0502BADA03NP01	3/4" BSPP	195 mm	52 l/min
MP-FMM0503BADA03NP01	3/4" BSPP	237 mm	66 l/min
MP-FMM0504BADA03NP01	3/4" BSPP	285 mm	83 l/min

10 MICRON ELEMENT

MP-FMM0501BACA10NP01	1/2" BSPP	158 mm	79 l/min
MP-FMM0502BADA10NP01	3/4" BSPP	195 mm	85 l/min
MP-FMM0503BADA10NP01	3/4" BSPP	237 mm	97 l/min
MP-FMM0504BADA10NP01	3/4" BSPP	285 mm	113 l/min

25 MICRON ELEMENT

MP-FMM0501BACA25NP01	1/2" BSPP	158 mm	106 l/min
MP-FMM0502BADA25NP01	3/4" BSPP	195 mm	121 l/min
MP-FMM0503BADA25NP01	3/4" BSPP	237 mm	130 l/min
MP-FMM0504BADA25NP01	3/4" BSPP	285 mm	134 l/min

RETURN FILTERS

SPECIFICATIONS

Working pressure	8 bar
Temperature range	-25°C to +110°C
Bypass valve	Opening pressure 1.75 bar
Filter element differential pressure	10 bar

MATERIALS

Head	Aluminium
Cover	Zytel (MPF 030/100) Aluminium (MPF 184/400/750)

Indicators available – please contact your distributor



7710

MPF SERIES

6 MICRON ELEMENT

PART NUMBER	INLET / OUTLET	FILTER LENGTH	FLOW RATE
MP-MPF0301AG1A06HBT	1/2" BSPP	89 mm	30 l/min
MP-MPF1002AG2A06HBT	3/4" BSPP	150 mm	38 l/min
MP-MPF1841AG1A06HBT	1 1/4" BSPP	232 mm	148 l/min
MP-MPF4002AG2A06HBT	1 1/2" BSPP	240 mm	252 l/min
MP-MPF7501AG1A06HBT	2" BSPP	428 mm	465 l/min

10 MICRON ELEMENT

MP-MPF0301AG1A10HBT	1/2" BSPP	89 mm	24 l/min
MP-MPF1002AG2A10HBT	3/4" BSPP	150 mm	65 l/min
MP-MPF1841AG1A10HBT	1 1/4" BSPP	232 mm	235 l/min
MP-MPF4002AG2A10HBT	1 1/2" BSPP	240 mm	454 l/min
MP-MPF7501AG1A10HBT	2" BSPP	428 mm	623 l/min

25 MICRON ELEMENT

MP-MPF0301AG1A25HBT	1/2" BSPP	89 mm	47 l/min
MP-MPF1002AG2A25HBT	3/4" BSPP	150 mm	95 l/min
MP-MPF1841AG1A25HBT	1 1/4" BSPP	232 mm	278 l/min
MP-MPF4002AG2A25HBT	1 1/2" BSPP	240 mm	589 l/min
MP-MPF7501AG1A25HBT	2" BSPP	428 mm	769 l/min

REPLACEMENT FILTER ELEMENTS

FMM 050 SERIES

3 MICRON ELEMENT



7710

PART NUMBER	TO SUIT
MP-HP0501A03AN	MP-FMM0501BACA03NP01
MP-HP0502A03AN	MP-FMM0502BADA03NP01
MP-HP0503A03AN	MP-FMM0503BADA03NP01
MP-HP0504A03AN	MP-FMM0504BADA03NP01

10 MICRON ELEMENT

MP-HP0501A10AN	MP-FMM0501BACA10NP01
MP-HP0502A10AN	MP-FMM0502BADA10NP01
MP-HP0503A10AN	MP-FMM0503BADA10NP01
MP-HP0504A10AN	MP-FMM0504BADA10NP01

25 MICRON ELEMENT

MP-HP0501A25AN	MP-FMM0501BACA25NP01
MP-HP0502A25AN	MP-FMM0502BADA25NP01
MP-HP0503A25AN	MP-FMM0503BADA25NP01
MP-HP0504A25AN	MP-FMM0504BADA25NP01

MPF SERIES

6 MICRON ELEMENT



7710

PART NUMBER	TO SUIT
MP-MF0301A06HB	MP-MPF0301AG1A06HBT
MP-MF1002A06HB	MP-MPF1002AG2A06HBT
MP-MF1801A06HB	MP-MPF1841AG1A06HBT
MP-MF4002A06HB	MP-MPF4002AG2A06HBT
MP-MF7501A06HB	MP-MPF7501AG1A06HBT

10 MICRON ELEMENT

MP-MF0301A10HB	MP-MPF0301AG1A10HBT
MP-MF1002A10HB	MP-MPF1002AG2A10HBT
MP-MF1801A10HB	MP-MPF1841AG1A10HBT
MP-MF4002A10HB	MP-MPF4002AG2A10HBT
MP-MF7501A10HB	MP-MPF7501AG1A10HBT

25 MICRON ELEMENT

MP-MF0301A25HB	MP-MPF0301AG1A25HBT
MP-MF1002A25HB	MP-MPF1002AG2A25HBT
MP-MF1801A25HB	MP-MPF1841AG1A25HBT
MP-MF4002A25HB	MP-MPF4002AG2A25HBT
MP-MF7501A25HB	MP-MPF7501AG1A25HBT

VISUAL LEVEL INDICATORS

COMPATIBILITY

NBR seals compatible with mineral oils to ISO 2943 – aqueous emulsions, synthetic fluids, glycol water.

SPECIFICATIONS

Temperature Range	-25°C to +100°C
Cover	Polyamide
Seals	NBR
Lens	Polyamide



7710

LVA SERIES

WITHOUT THERMOMETER

PART NUMBER	LENGTH (HOLE CENTRES)	BOLT THREAD
MP-LVA10SAPM10S01	76 mm	M10
MP-LVA20SAPM12S01	127 mm	M12
MP-LVA30SAPM12S01	254 mm	M12

WITH THERMOMETER

MP-LVA10TAMP10S01	76 mm	M10
MP-LVA20TAMP12S01	127 mm	M12
MP-LVA30TAMP12S01	254 mm	M12

SPIN-ON FILTER

FEATURES

MPS filters are specifically designed for contamination control in hydraulic & lubrication circuits for mobile applications, agricultural & machine tool systems.

SPECIFICATIONS

End cap & support tube	Galvanised steel
Support frames	Galvanised steel with an epoxy coating



7710

MPS SERIES

HEAD ONLY

PART NUMBER	THREAD	SUCTION / RETURN
MP-MPS050RG1T	3/4" BSPP	Return
MP-MPS050SG1T	3/4" BSPP	Suction
MP-MPS100RG1T	1 1/4" BSPP	Return
MP-MPS100SG1T	1 1/4" BSPP	Suction
MP-MPS300RG1T	1 1/2" BSPP	Return
MP-MPS300SG1T	1 1/2" BSPP	Suction

CANISTERS



7710

CS SERIES

ELEMENTS FOR MPS HEAD

PART NUMBER	CANISTER	PAPER	FLOW RATE
MP-CS050P10A	3/4" BSPP	10 micron	50 l/min
MP-CS100P10A	1 1/4" BSPP	10 micron	100 l/min
MP-CS150P10A	1 1/2" BSPP	10 micron	150 l/min

For further micron options & indicators

please contact your distributor

FLOAT LEVEL SWITCHES

FEATURES

RL-SERIES:

- G1 – single float type, G2 – double float type
- DIN 43650 connector (except S2-S2 types)
- G2 series has a head which accepts 2 control rods

WIRING LOWER & UPPER FLOAT:

S2 – OPEN or CLOSED contacts in the absence or presence of fluid.

SPECIFICATIONS

Float length	500 mm
--------------	--------



7710

RL SERIES

1 FLOAT TYPE

PART NUMBER	THREAD	WIRING (LOWER FLOAT)	WIRING (UPPER FLOAT)
MP-RL-G1-1-S2	1" BSPP	S2	N/A
MP-RL-G1-F3-S2	Flange	S2	N/A

2 FLOAT TYPE

MP-RL-G2-11/4-S2-S2	1 1/4" BSPP	S2	S2
MP-RL-G2-F3-S2-S2	Flange	S2	S2

OIL FILLER & BREATHER FILLER CAPS

SPECIFICATIONS

Flow rate at 0.02 bar TA46 : 200 l/min, TA80 : 500 l/min, TAP90 : 550 l/min



7710

TA SERIES

NBR SEALS

PART NUMBER	DESCRIPTION	FILTRATION (MICRON)
MP-TA46G1000P01	1/4" BSPP chrome air breather	10
MP-TA80G1000P01	3/4" BSPP chrome air breather	10
MP-TAP90G10A000P01	M52 x 2 nylon air breather	10

Other versions available – please contact your distributor

THREADED SIGHT PLUG

SPECIFICATIONS

Body & contrast screen	Nylon
Lens	Thermoplastic
Seals	NBR



7710

LCPN SERIES

PART NUMBER	THREAD	OD
MP-LCPG20NCAS	1/2" BSPP	28 mm
MP-LCPG26NCAS	3/4" BSPP	35 mm
MP-LCPG33NCAS	1" BSPP	42 mm
MP-LCPG42NCAS	1 1/4" BSPP	52 mm
MP-LCPG60NCAS	2" BSPP	74 mm



Rotoflux Rotary Unions

Introduction

ROTOFLUX was founded to meet the demands of the rotary union market. Their focus is on delivering a high-quality product at an affordable price. Thanks to the expertise of its technical and commercial team, ROTOFLUX has quickly established itself as a market leader in the field of rotary unions.

Warranty

ROTOFLUX guarantees that its products are free from any material or machining defects. Unless otherwise agreed in writing, ROTOFLUX's liability is restricted to replacing or repairing any faulty union, or part returned to ROTOFLUX, with transportation costs prepaid. The warranty lasts for 12 months from the date of the invoice. No guarantees are provided beyond the limits mentioned above. ROTOFLUX will not be responsible for any damages caused by the incorrect use of its unions.

Quality

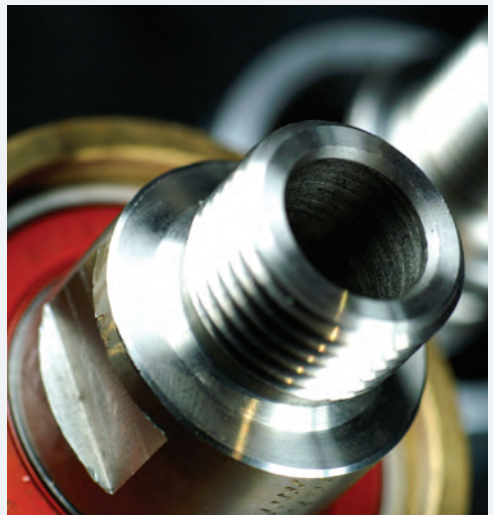
ROTOFLUX guarantees the continuous high quality of its unions. Each union undergoes testing before despatch to ensure its quality. The Company uses high-quality materials such as stainless steel, steel, aluminium, and brass to manufacture all its unions. Strict control measures are implemented throughout the manufacturing process to ensure that all ROTOFLUX unions meet the critical technical specifications required by the customer. All sub-components undergo stringent control checks to maintain the quality needed.

Rotoflux Balanced Sealing

Carbide-to-carbon graphite seals are used for clean water, air, vacuum, and hot oil applications, while carbide-to-carbide seals are used for poorly filtered water, hydraulic oil, coolant, and abrasive fluids. The seal faces are micro-lapped to ensure a perfect mating.

Available Ranges

- Universal unions – for filtered water applications
- Large capacity unions – for large fluid flow applications
- Unions for printing machines – for applications with filtered water
- Simple unions for water applications – N seal for filtered water or D seal for poor filtered water
- Low torque unions
- Unions for continuous casting applications – designed to be mounted inside the cylinders of the continuous casting line
- Stainless steel unions – available as standard or heavy-duty
- Unions for air, vacuum, and hydraulic oil – available as standard or heavy duty
- Unions for shaft mounting applications – available as standard or heavy duty
- Unions for high temperatures
- Unions for high-speed applications
- Unions for high-speed applications and dry run
- Unions for high-speed applications, coolant, air, dry run
- Unions for high-speed, machine tool applications
- Unions for high speed, coolant, dry run, air, machine tool applications
- Double passage unions – for two different fluids
- Double passage unions – for air, vacuum and hydraulic oil
- Unions for high-speed and high-pressure applications
- Around the shaft unions – for water, air, vacuum, hydraulic oil
- Unions for high-pressure and low-speed applications – single and double passage
- Unions for high-pressure and low-speed applications – with 2, 4 or 6 passages
- Unions for high-pressure and low-speed – with 8 passages
- Unions with a straight centre bore – with 5 passages

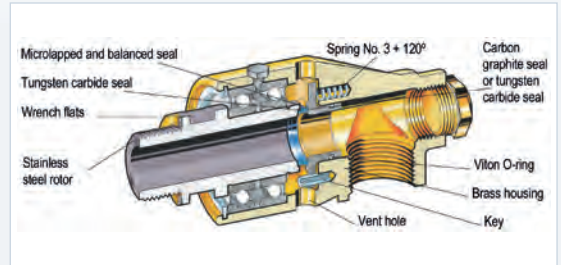


UNIONS FOR WATER

DESCRIPTION

Simple in design, competitively priced & suitable for water & steam applications.

SPECIFICATIONS	WATER
Max. pressure	50 bar (750 psi)
Max. temperature	95°C (203°F)
Max. rotation speed	1/4" – 3/4" = 3,500 rpm
MATERIALS	
Housing	Brass
Internal body / rotor	304 stainless steel
Standard seals	Carbon graphite to tungsten carbide



Other sizes available upon request. Flanged & heavy duty unions also available. Contact distributor for further information.

SINGLE PASSAGE UNIONS RIGHT HAND BSPP MALE / BSPP FEMALE



1500

PART NUMBER	THREAD	LENGTH
RS08300-01R	1/4" BSPP	88 mm
RS10300-01R	3/8" BSPP	106 mm
RS15300-01R	1/2" BSPP	120 mm
RS20300-01R	3/4" BSPP	139 mm
RS25300-01R	1" BSPP	162 mm

SINGLE PASSAGE UNIONS LEFT HAND BSPP MALE / BSPP FEMALE



1500

PART NUMBER	THREAD	LENGTH
RS08300-02L	1/4" BSPP	88 mm
RS10300-02L	3/8" BSPP	106 mm
RS15300-02L	1/2" BSPP	120 mm
RS20300-02L	3/4" BSPP	139 mm
RS25300-02L	1" BSPP	162 mm

DOUBLE PASSAGE STATIONARY SIPHON RIGHT HAND BSPP MALE / BSPP FEMALE



1500

PART NUMBER	THREAD	LENGTH
RS103001R80	3/8" BSPP	129 mm
RS153001R80	1/2" BSPP	146 mm
RS203001R80	3/4" BSPP	173 mm
RS253001R80	1" BSPP	200 mm

DOUBLE PASSAGE STATIONARY SIPHON LEFT HAND BSPP MALE / BSPP FEMALE



1500

PART NUMBER	THREAD	LENGTH
RS103002L80	3/8" BSPP	129 mm
RS153002L80	1/2" BSPP	146 mm
RS203002L80	3/4" BSPP	173 mm
RS253002L80	1" BSPP	200 mm

DOUBLE PASSAGE ROTATING SIPHON RIGHT HAND BSPP MALE / BSPP FEMALE



1500

PART NUMBER	THREAD	LENGTH
RS103001R81	3/8" BSPP	129 mm
RS153001R81	1/2" BSPP	146 mm
RS203001R81	3/4" BSPP	173 mm
RS253001R81	1" BSPP	200 mm

DOUBLE PASSAGE ROTATING SIPHON LEFT HAND BSPP MALE / BSPP FEMALE



1500

PART NUMBER	THREAD	LENGTH
RS103002L81	3/8" BSPP	129 mm
RS153002L81	1/2" BSPP	146 mm
RS203002L81	3/4" BSPP	173 mm
RS253002L81	1" BSPP	200 mm

ELBOW FOR STATIONARY SIPHON FOR USE WITH DOUBLE PASSAGE UNIONS BSPP MALE / BSPP FEMALE



1500

PART NUMBER	THREAD
RS10-800	3/8" BSPP
RS15-800	1/2" BSPP
RS20-800	3/4" BSPP
RS25-800	1" BSPP

ELBOW FOR ROTATING SIPHON FOR USE WITH DOUBLE PASSAGE UNIONS BSPP MALE / BSPP FEMALE



1500

PART NUMBER	THREAD
RS10-810	3/8" BSPP
RS15-810	1/2" BSPP
RS20-810	3/4" BSPP
RS25-810	1" BSPP

UNIONS FOR AIR, VACUUM & HYDRAULIC OIL

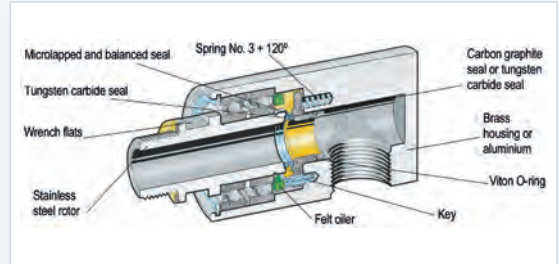
DESCRIPTION

Simple in design, competitively priced & suitable for many applications.

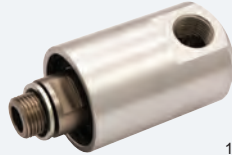
SPECIFICATIONS	AIR	OIL
Max. pressure	10 bar (150 psi)	50 bar (750 psi)
Max. temperature	120°C (248°F)	120°C (248°F)
Max. vacuum	-	28" Hg
Max. rotation speed	1/8" – 3/4" = 3,500 rpm	1" = 3,000 rpm

MATERIALS

Housing	Aluminium
Internal body / rotor	304 stainless steel
Standard seals	Carbon graphite to tungsten carbide



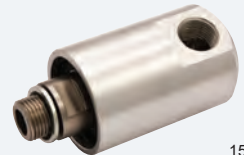
SINGLE PASSAGE UNIONS FOR AIR & VACUUM RIGHT HAND BSPP MALE / BSPP FEMALE



1500

PART NUMBER	MALE THREAD	FEMALE THREAD	LENGTH
RT06302-01R	1/4" BSPP	1/8" BSPP	73 mm
RT08302-01R	1/4" BSPP	1/4" BSPP	88 mm
RT10302-01R	3/8" BSPP	3/8" BSPP	98 mm
RT15302-01R	1/2" BSPP	1/2" BSPP	120 mm
RT20302-01R	3/4" BSPP	3/4" BSPP	139 mm
RT25302-01R	1" BSPP	1" BSPP	162 mm

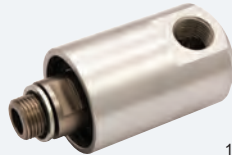
SINGLE PASSAGE UNIONS FOR AIR & VACUUM LEFT HAND BSPP MALE / BSPP FEMALE



1500

PART NUMBER	MALE THREAD	FEMALE THREAD	LENGTH
RT0630202L	1/4" BSPP	1/8" BSPP	73 mm
RT0830202L	1/4" BSPP	1/4" BSPP	88 mm
RT1030202L	3/8" BSPP	3/8" BSPP	98 mm
RT1530202L	1/2" BSPP	1/2" BSPP	120 mm
RT2030202L	3/4" BSPP	3/4" BSPP	139 mm
RT2530202L	1" BSPP	1" BSPP	162 mm

SINGLE PASSAGE UNIONS FOR OIL RIGHT HAND BSPP MALE / BSPP FEMALE



1500

PART NUMBER	MALE THREAD	FEMALE THREAD	LENGTH
RT08301-01R	1/4" BSPP	1/4" BSPP	88 mm
RT10301-01R	3/8" BSPP	3/8" BSPP	98 mm

Other sizes available upon request. Flanged & heavy duty unions also available. Contact distributor for further information.

UNIONS FOR HIGH PRESSURE & HIGH SPEED APPLICATIONS

DESCRIPTION

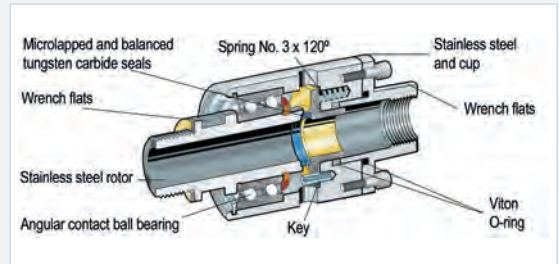
These unions are for use in high pressure & high speed fluid applications.

SPECIFICATIONS FOR WATER & OIL

Max. pressure	400 bar (5700 psi)
Max. temperature	90°C (194°F)
Max. rotation speed	1500 rpm

MATERIALS

Housing	304 stainless steel
Internal body/rotor	304 stainless steel
Standard seals	Tungsten carbide



STRAIGHT THROUGH UNIONS RIGHT HAND BSPP MALE



1500

PART NUMBER	MALE THREAD	LENGTH
RC08301-01R	1/4" BSPP	99 mm
RC10301-01R	3/8" BSPP	99 mm
RC15301-01R	1/2" BSPP	106 mm

UNIONS FOR HIGH SPEED APPLICATIONS & DRY RUN WITHOUT WEAR

DESCRIPTION

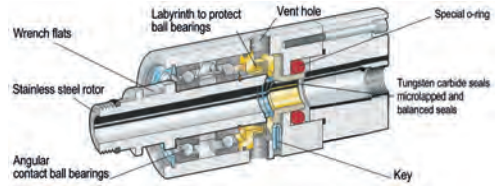
These special rotary unions allow the flow of coolant through the spindles of machine tools & they are also able to run dry at high speed.

SPECIFICATIONS	A08	A10	B08	B10
Max. pressure	100 bar (1450 psi)	41 bar (600 psi)	100 bar (1450 psi)	70 bar (1000 psi)
Max. temperature	90°C (194°F)	90°C (194°F)	90°C (194°F)	90°C (194°F)
Max. rotation speed	15,000 rpm	10,000 rpm	20,000 rpm	15,000 rpm

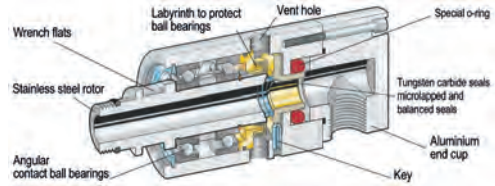
MATERIALS

Housing	Aluminium
Internal body/rotor	304 stainless steel
Standard seals	Tungsten carbide

STRAIGHT THROUGH UNIONS



90° UNIONS



**STRAIGHT THROUGH UNIONS
RIGHT HAND METRIC MALE**

1500

PART NUMBER	THREAD	LENGTH	HEX A/F
RA08502-04R	M16 x 1.5	108 mm	17
RA10702-04R	M16 x 1.5	125 mm	17
RB08502-04R	M16 x 1.5	116 mm	20
RB10702-04R	M16 x 1.5	130 mm	20



**STRAIGHT THROUGH UNIONS
LEFT HAND METRIC MALE**

1500

PART NUMBER	THREAD	LENGTH	HEX A/F
RA08502-05L	M16 x 1.5	108 mm	17
RA10702-05L	M16 x 1.5	125 mm	17
RB08502-05L	M16 x 1.5	116 mm	20
RB10702-05L	M16 x 1.5	130 mm	20



**90° UNIONS
RIGHT HAND METRIC MALE**

1500

PART NUMBER	THREAD	LENGTH	HEX A/F
RA08501-04R	M16 x 1.5	91 mm	17
RA10701-04R	M16 x 1.5	110 mm	17
RB08501-04R	M16 x 1.5	101 mm	20
RB10701-04R	M16 x 1.5	115 mm	20



**90° UNIONS
LEFT HAND METRIC MALE**

1500

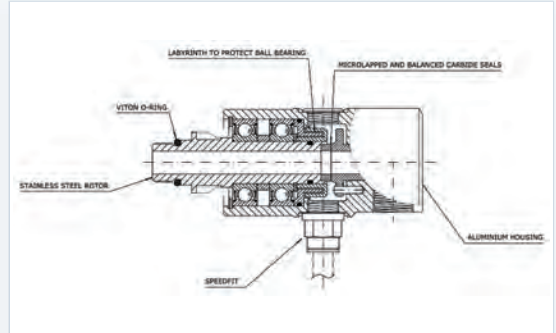
PART NUMBER	THREAD	LENGTH	HEX A/F
RA08501-05L	M16 x 1.5	91 mm	17
RA10701-05L	M16 x 1.5	110 mm	17
RB08501-05L	M16 x 1.5	101 mm	20
RB10701-05L	M16 x 1.5	115 mm	20

UNIONS FOR HIGH SPEED, MQL, COOLANT, AIR & DRY RUN APPLICATIONS

DESCRIPTION

These unions are designed for machine tool spindles rotating at high speed with fluid (coolant, air or MQL) passing through or dry when needed. The seals, balanced & microlapped, remain always closed without problems both with fluid passing through (wet run) or without fluid (dry run). Do not use the unions at max application limits without consulting ROTOFLUX.

SPECIFICATIONS	COOLANT	AIR, MQL	DRY RUN
Max. pressure BH08	100 bar (1450 psi)	10 bar (145 psi)	–
BH10	80 bar (1160 psi)	10 bar (145 psi)	–
Max. temperature	90°C (194°F)		
Max. rotation speed	BH08 = 22000 rpm, BH10 = 18000 rpm		
MATERIALS			
Housing	Aluminium		
Internal body/rotor	304 stainless steel		
Standard seals	Carbide & graphite		



COOLANT – DRY RUN



HIGH SPEED UNIONS FOR COOLANT – DRY RUN
RIGHT HAND METRIC MALE – RADIAL

1500

PART NUMBER	THREAD	INLET	LENGTH	HEX A/F
RBH081501-04R	M16 x 1.5	1/4" BSPP	94 mm	17
RBH101701-04R	M16 x 1.5	1/4" BSPP	114 mm	17

RIGHT HAND METRIC MALE – AXIAL

RBH081502-04R	M16 x 1.5	1/4" BSPP	96 mm	17
RBH101702-04R	M16 x 1.5	1/4" BSPP	114 mm	17



HIGH SPEED UNIONS FOR COOLANT – DRY RUN
LEFT HAND METRIC MALE – RADIAL

1500

PART NUMBER	THREAD	INLET	LENGTH	HEX A/F
RBH081501-05L	M16 x 1.5	3/8" BSPP	94 mm	17
RBH101701-05L	M16 x 1.5	3/8" BSPP	114 mm	17

LEFT HAND METRIC MALE – AXIAL

RBH081502-05L	M16 x 1.5	3/8" BSPP	96 mm	17
RBH101702-05L	M16 x 1.5	3/8" BSPP	114 mm	17

INSTALLATION

Although ROTOFLUX unions are sturdy, they require careful handling. We recommend the following steps for proper installation:

- To ensure optimal performance of the fluid circuit, it is essential to clean it thoroughly when new and remove any machining burrs or abrasive particles that may be present. For existing fluid circuits, it is vital to ensure that the filters meet the typical hydraulic circuit requirements in terms of quality and functionality.
- Clamp the rear of the union in a bench vice & fasten the flexible hose (sketch 1).
- Do not use solid pipes.
- Install the rotary union onto the shaft (sketch 2).
- Connect the flexible hose to the supply line, ensuring the union is not over-tightened (see sketch 3).
- When using metallic flexible hoses in short spaces with sharp curves, it is recommended to use rigid 45° or 90° elbows to avoid undue stresses. Sketch 4 demonstrates the use of these elbows. Ensuring that the union does not rotate eccentrically, or wobble is essential.
- If the fluid transported is hot or dangerous, applying a union guard for added safety is advisable.
- It is essential to lubricate the union regularly.
- Periodically inspect the union to ensure it is adequately maintained and detect any signs of leakage.

