

1 Hydraulics **3-284**

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

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

4 Monitor & Test **407-446**

5 Pneumatic & Vacuum **447-762**

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

7 Valves & Actuation **919-1060**

8 Ring Main **1061-1136**

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

10 Stainless Steel **1225-1332**

11 Malleable Iron **1333-1398**

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

13 Clips & Clamps **1511-1558**

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

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

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

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

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

SECTION 9

Hose Tails, Adaptors, Fittings & Manifolds

9.01	Hose Tails	1137-1154
9.02	Quick Fit Fittings	1155-1164
9.03	Adaptors	1165-1194
9.04	Flanges & Gaskets	1195
9.05	Compression Fittings & Copper Tube	1196-1215
9.06	Plumbing Compression Fittings	1216-1219
9.07	Manifolds	1220-1224

SECTION 9

9.01 Hose Tails

- Nickel Plated Brass & Brass Hose Tails
- Push-on Hose Adaptors
- Polypropylene Hose Tails Adaptors
- Nylon Hose Tails
- PVDF Hose Tails
- Plastic Hose Tails
- Emergency Hose Connector Set
- Oxy-acetylene Fittings



1137-1154

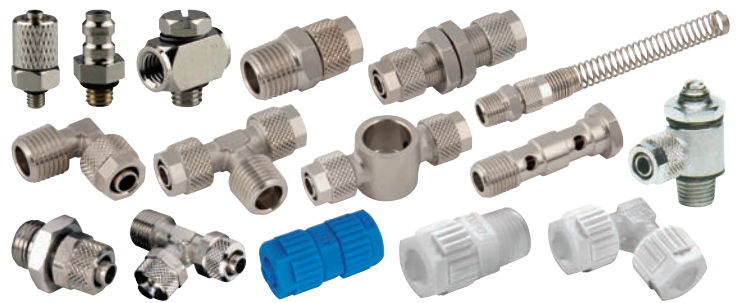


9.02 Quick Fit Fittings

- Miniature Fittings M3-M6
- Brass Quick-fit Fitting
- Flow Regulators
- Finger-tight Fittings
- Polypropylene Quick-Fit Fittings
- PVDF Quick-Fit Fittings



1155-1164



9.03 Adaptors

- Brass Adaptors
- Nickel Plated Brass Adaptors
- Polypropylene Hose Adaptors
- Nylon Adaptors
- PVDF Adaptors
- 3000lb Forged Pipe Fittings, ANSI B16.11
- 150lb 316 Stainless Steel Pipe Fittings
- 3000lb 316 Stainless Steel Pipe Fittings
- Tubing
- BS TYPE, 316L Hygienic Pipe Fittings
- Hygienic Clamp Fittings
- RJT Couplings



1165-1194



9.04 Flanges & Gaskets

- 3000lb 316 Stainless Steel Pipe Fittings



1195



Hose Tails, Adaptors, Fittings & Manifolds

9.05 Compression Fittings & Copper Tube

- Brass Compression Fittings
- Ends Compression Fittings
- Nickel Plated Compression Fittings
- Copper Tubing
- Bundy Tubing
- PVC Covered Copper Tube
- Polyethylene Pipe Insulation



1196-1215



9.06 Plumbing Compression Fittings

- Brass Plumbing Compression Fittings
- Solder Ring
- End Feed Fittings

1216-1219



9.07 Manifolds

- Distribution Manifolds
- Aluminium Manifolds
- Brass Manifolds
- Minifolds



1220-1224



NICKEL PLATED BRASS & BRASS HOSE TAILS



This technical data is applicable to the full range of hose tail fittings and airline fittings including tees, elbows, reducers and silencers etc.

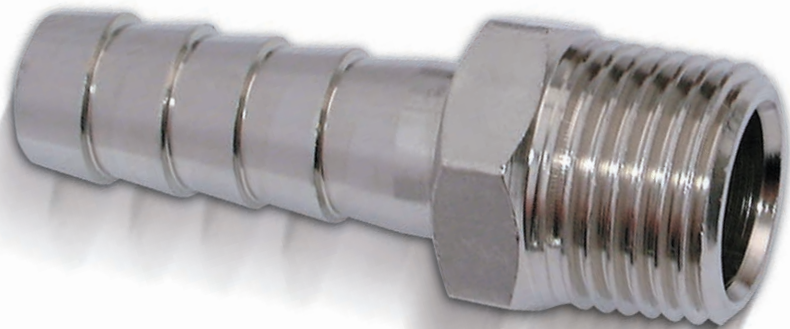
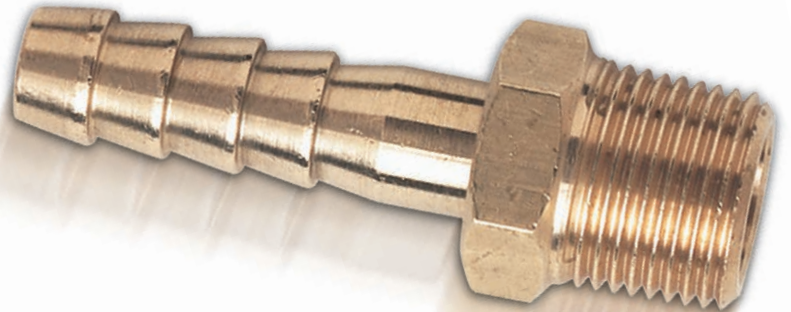
Threads:

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

Media:

Compressed air, water, oils and fluids for hydraulics and pneumatic fields.

N.B. Safe pressures and temperatures depend entirely on the tubes being used, for this reason the values must be determined in accordance with the tube features.



Straight Hose Tails, Brass



Male Thread, BSPT

1010	Thread	To Suit Hose ID	To Suit Hose ID mm
GT10/04K	1/8"	1/8"	4
GT10/05K	1/8"	3/16"	5
GT10/06K	1/8"	1/4"	6
GT10/08K	1/8"	5/16"	8
GT10/09K	1/8"	3/8"	9
GT10/13K	1/8"	1/2"	13
GT13/04K	1/4"	1/8"	4
GT13/05K	1/4"	3/16"	5
GT13/06K	1/4"	1/4"	6
GT13/08K	1/4"	5/16"	8
GT13/09K	1/4"	3/8"	9
GT13/13K	1/4"	1/2"	13
GT13/16K	1/4"	5/8"	16
GT13/19K	1/4"	3/4"	19
GT17/05K	3/8"	3/16"	5
GT17/06K	3/8"	1/4"	6
GT17/08K	3/8"	5/16"	8
GT17/09K	3/8"	3/8"	9
GT17/13K	3/8"	1/2"	13
GT17/16K	3/8"	5/8"	16
GT17/19K	3/8"	3/4"	19
GT21/05K	1/2"	3/16"	5
GT21/06K	1/2"	1/4"	6
GT21/08K	1/2"	5/16"	8
GT21/09K	1/2"	3/8"	9
GT21/13K	1/2"	1/2"	13
GT21/16K	1/2"	5/8"	16
GT21/19K	1/2"	3/4"	19
GT21/25K	1/2"	1"	25
GT23/16K	5/8"	5/8"	16
GT26/06K	3/4"	1/4"	6
GT26/08K	3/4"	5/16"	8
GT26/09K	3/4"	3/8"	9
GT26/13K	3/4"	1/2"	13
GT26/16K	3/4"	5/8"	16
GT26/19K	3/4"	3/4"	19
GT26/25K	3/4"	1"	25
GT26/31K	3/4"	1.1/4"	31
GT33/13K	1"	1/2"	13
GT33/16K	1"	5/8"	16
GT33/19K	1"	3/4"	19
GT33/25K	1"	1"	25
GT33/31K	1"	1.1/4"	31
GT33/38K	1"	1.1/2"	38
GT42/19K	1.1/4"	3/4"	19
GT42/25K	1.1/4"	1"	25
GT42/31K	1.1/4"	1.1/4"	31
GT48/31K	1.1/2"	1.1/4"	31
GT48/38K	1.1/2"	1.1/2"	38
GT48/50K	1.1/2"	2"	50
GT52/38K	2"	1.1/2"	38
GT52/50K	2"	2"	50
GT56/53K	2.1/2"	2.1/2"	53
GT60/58K	3"	3"	58

Tech Sheet 20089

Straight Hose Tails, Nickel Plated Brass



Male Thread, BSPT

1010	Thread	To Suit Hose ID	To Suit Hose ID mm
GT10/04KNP	1/8"	1/8"	4
GT10/05KNP	1/8"	3/16"	5
GT10/06KNP	1/8"	1/4"	6
GT10/08KNP	1/8"	5/16"	8
GT10/09KNP	1/8"	3/8"	9
GT13/04KNP	1/4"	1/8"	4
GT13/05KNP	1/4"	3/16"	5
GT13/06KNP	1/4"	1/4"	6
GT13/08KNP	1/4"	5/16"	8
GT13/09KNP	1/4"	3/8"	9
GT13/13KNP	1/4"	1/2"	13
GT13/16KNP	1/4"	5/8"	16
GT17/05KNP	3/8"	3/16"	5
GT17/06KNP	3/8"	1/4"	6
GT17/08KNP	3/8"	5/16"	8
GT17/09KNP	3/8"	3/8"	9
GT17/13KNP	3/8"	1/2"	13
GT17/16KNP	3/8"	5/8"	16
GT17/19KNP	3/8"	3/4"	19
GT21/06KNP	1/2"	1/4"	6
GT21/08KNP	1/2"	5/16"	8
GT21/09KNP	1/2"	3/8"	9
GT21/13KNP	1/2"	1/2"	13
GT21/16KNP	1/2"	5/8"	16
GT21/19KNP	1/2"	3/4"	19
GT21/25KNP	1/2"	1"	25
GT26/09KNP	3/4"	3/8"	9
GT26/13KNP	3/4"	1/2"	13
GT26/16KNP	3/4"	5/8"	16
GT26/19KNP	3/4"	3/4"	19
GT26/25KNP	3/4"	1"	25
GT33/13KNP	1"	1/2"	13
GT33/19KNP	1"	3/4"	19
GT33/25KNP	1"	1"	25
GT33/38KNP	1"	1.1/2"	38
GT33/31KNP	1"	1.1/4"	31
GT42/25KNP	1.1/4"	1"	25
GT42/31KNP	1.1/4"	1.1/4"	31
GT48/38KNP	1.1/2"	1.1/2"	38
GT48/50KNP	1.1/2"	2"	50
GT52/38KNP	2"	1.1/2"	38
GT52/50KNP	2"	2"	50

Tech Sheet 20089

Straight Hose Tails, Brass



Male Thread, BSPP

1010	Thread	To Suit Hose ID mm
GBP-34	3/4"	20
GBP-1	1"	25
GBP-114	1.1/4"	32
GBP-2	2"	50

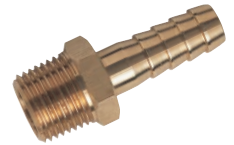


Male Thread, Metric

1010	Thread	To Suit Hose ID mm
MHM5/03	M5 x 0.8	3
MHM5/04	M5 x 0.8	4
MHM6/04	M6 x 1.0	4
MHM8/04	M8 x 1.0	6
MHM10/04	M10 x 1.0	6
MHM10/05	M10 x 1.0	8
MHM10/06	M10 x 1.0	10
MHM12/04	M12 x 1.5	6
MHM12/05	M12 x 1.5	8
MHM12/06	M12 x 1.5	10
MHM14/06	M14 x 1.5	10
MHM16/06	M16 x 1.5	10
MHM16/08	M16 x 1.5	12
MHM18/06	M18 x 1.5	10
MHM18/08	M18 x 1.5	12
MHM22/08	M22 x 1.5	12
MHM22/12	M22 x 1.5	19

Male Thread,
60° Coned Seat, BSPP

1010	Thread	To Suit Hose ID
GT05/03	M5	3mm
GT05/04	M5	4mm
GT06/04	M6	4mm
GT10/04	1/8"	1/8"
GT10/05	1/8"	3/16"
GT10/06	1/8"	1/4"
GT10/08	1/8"	5/16"
GT10/09	1/8"	3/8"
GT13/05	1/4"	3/16"
GT13/04	1/4"	1/8"
GT13/06	1/4"	1/4"
GT13/08	1/4"	5/16"
GT13/09	1/4"	3/8"
GT13/13	1/4"	1/2"
GT17/06	3/8"	1/4"
GT17/08	3/8"	5/16"
GT17/09	3/8"	3/8"
GT17/13	3/8"	1/2"
GT17/16	3/8"	5/8"
GT17/19	3/8"	3/4"
GT21/06	1/2"	1/4"
GT21/08	1/2"	5/16"
GT21/09	1/2"	3/8"
GT21/13	1/2"	1/2"
GT21/16	1/2"	5/8"
GT21/19	1/2"	3/4"
GT21/25	1/2"	1"
GT26/06	3/4"	1/4"
GT26/08	3/4"	5/16"
GT26/10	3/4"	3/8"
GT26/13	3/4"	1/2"
GT26/16	3/4"	5/8"
GT26/19	3/4"	3/4"
GT26/25	3/4"	1"
GT33/13	1"	1/2"
GT33/19	1"	3/4"
GT33/25	1"	1"
GT33/32	1"	1.1/4"
GT42/25	1.1/4"	1"
GT42/32	1.1/4"	1.1/4"
GT42/38	1.1/4"	1.1/2"
GT48/38	1.1/2"	1.1/2"
GT52/50	2"	2"



Male Thread, NPT

1010	Thread	To Suit Hose ID mm
650-1003	1/8"	3
650-1004	1/8"	4
650-1005	1/8"	5
650-1006	1/8"	6
650-1008	1/8"	8
650-1010	1/8"	10
650-1305	1/4"	5
650-1306	1/4"	6
650-1308	1/4"	8
650-1310	1/4"	10
650-1312	1/4"	12
650-1706	3/8"	6
650-1708	3/8"	8
650-1710	3/8"	10
650-1713	3/8"	13
650-1716	3/8"	16
650-1719	3/8"	19
650-2106	1/2"	6
650-2108	1/2"	8
650-2110	1/2"	10
650-2113	1/2"	13
650-2116	1/2"	16
650-2119	1/2"	19
650-2125	1/2"	25
650-2612	3/4"	12
650-2616	3/4"	16
650-2625	3/4"	25
650-2632	3/4"	32
650-3312	1"	12
650-3316	1"	16
650-3319	1"	19
650-3325	1"	25
650-3332	1"	32
650-4219	1.1/4"	19
650-4225	1.1/4"	25
650-4232	1.1/4"	32
650-4238	1.1/4"	38
650-4838	1.1/2"	38

Straight Hose Tails, Brass



Male Thread, NPT, Ball Swivel Joints

1010	Thread	To Suit Hose ID
BSJ-IW13	1/4" x 1/4"	-
BSJ-TF06	1/4"	1/4"
BSJ-TF08	1/4"	5/16"
BSJ-TF10	1/4"	3/8"



Female Thread, BSPP

1010	Thread	To Suit Hose ID
FFH02/03	1/8"	3/16"
FFH02/04	1/8"	1/4"
FFH02/05	1/8"	5/16"
FFH02/06	1/8"	3/8"
FFH04/03	1/4"	3/16"
FFH04/04	1/4"	1/4"
FFH04/05	1/4"	5/16"
FFH04/06	1/4"	3/8"
FFH06/04	3/8"	1/4"
FFH06/05	3/8"	5/16"
FFH06/06	3/8"	3/8"
FFH06/08	3/8"	1/2"
FFH08/04	1/2"	1/4"
FFH08/05	1/2"	5/16"
FFH08/06	1/2"	3/8"
FFH08/08	1/2"	1/2"
FFH08/10	1/2"	5/8"
FFH08/12	1/2"	3/4"
FFH08/16	1/2"	1"

Straight Swivel Hose Tails, Brass



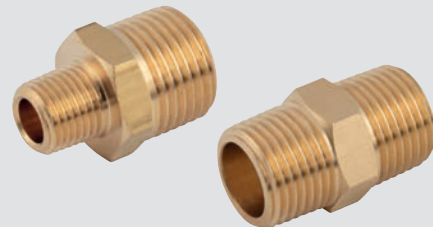
Swivel Female Thread, 60° Coned Seat, BSPP

1010	Thread	To Suit Hose ID
FH10/18	1/8"	1/8"
FH10/316	1/8"	3/16"
FH13/18	1/4"	1/8"
FH13/316	1/4"	3/16"
FH13/14	1/4"	1/4"
FH13/516	1/4"	5/16"
FH13/38	1/4"	3/8"
FH17/14	3/8"	1/4"
FH17/516	3/8"	5/16"
FH17/38	3/8"	3/8"
FH17/12	3/8"	1/2"
FH21/14	1/2"	1/4"
FH21/516	1/2"	5/16"
FH21/38	1/2"	3/8"
FH21/12	1/2"	1/2"
FH26/12	3/4"	1/2"
FH26/34	3/4"	3/4"
FH33/12	1"	1/2"
FH33/58	1"	5/8"
FH33/34	1"	3/4"
FH33/1	1"	1"
FH42/114	1.1/4"	1.1/4"
FH48/114	1.1/2"	1.1/4"
FH48/112	1.1/2"	1.1/2"
FH52/2	2"	2"



Swivel Female Thread, Flat Faced Seat with Washer, BSPP

1010	Thread	To Suit Hose ID
FH10/18FF	1/8"	1/8"
FH10/316FF	1/8"	3/16"
FH10/14FF	1/8"	1/4"
FH13/316FF	1/4"	3/16"
FH13/14FF	1/4"	1/4"
FH13/516FF	1/4"	5/16"
FH13/38FF	1/4"	3/8"
FH17/14FF	3/8"	1/4"
FH17/516FF	3/8"	5/16"
FH17/38FF	3/8"	3/8"
FH17/12FF	3/8"	1/2"
FH21/14FF	1/2"	1/4" (6)
FH21/516FF	1/2"	5/16"
FH21/38FF	1/2"	3/8"
FH21/12FF	1/2"	1/2"
FH21/58FF	1/2"	5/8"
FH26/12FF	3/4"	3/8" (10)
FH26/12FF	3/4"	1/2"
FH26/58FF	3/4"	5/8"
FH26/34FF	3/4"	3/4"
FH33/12FF	1"	1/2" (12)
FH33/34FF	1"	3/4" (19)
FH33/1FF	1"	1"
FH42/114FF	1.1/4"	1.1/4"
FH48/112FF	1.1/2"	1.1/2"
FH52/2FF	2"	2"



For Brass Adaptors
...see pages 1165-1176

HOSE TAILS



Elbow Hose Tails, Brass



Male Thread, BSPT

1010	Thread	To Suit Hose ID mm
600-1008	1/8"	8
600-1306	1/4"	6
600-1308	1/4"	8
600-1310	1/4"	10
600-1708	3/8"	8
600-1710	3/8"	10



Swivel Female Thread, Coned Seat, BSPP

1010	Thread	To Suit Hose ID mm
628-1006	1/8"	6
628-1305	1/4"	5
628-1306	1/4"	6
628-1308	1/4"	8
628-1310	1/4"	10
628-1706	3/8"	6
628-1708	3/8"	8
628-1710	3/8"	10
628-2110	1/2"	10
628-2112	1/2"	12



Female Thread, BSPP

1010	Thread	To Suit Hose ID	To Suit Hose ID mm
FET14-516	1/4"	5/16"	8
FET14-38	1/4"	3/8"	10
FET38-38	3/8"	3/8"	10
FET38-12	3/8"	1/2"	13

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Male Thread, BSPT

1010	Thread	To Suit Hose ID	To Suit Hose ID mm
EHT-18-6	1/8"	1/4"	6
EHT-18-8	1/8"	5/16"	8
EHT-18-10	1/8"	3/8"	10
EHT-14-6	1/4"	1/4"	6
EHT-14-8	1/4"	5/16"	8
EHT-14-10	1/4"	3/8"	10
EHT-14-13	1/4"	1/2"	13
EHT-38-6	3/8"	1/4"	6
EHT-38-8	3/8"	5/16"	8
EHT-38-10	3/8"	3/8"	10
EHT-38-13	3/8"	1/2"	13
EHT-12-8	1/2"	5/16"	8
EHT-12-10	1/2"	3/8"	10
EHT-12-13	1/2"	1/2"	13

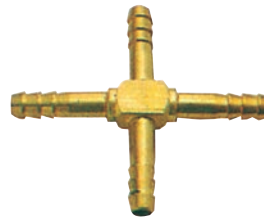
Tech Sheet 20349

Y Hose Tails, Brass



1010	To Suit Hose ID	To Suit Hose ID mm
2020-1940	3/16"	5
2020-1943	1/4"	6
2020-1950	5/16"	8
2020-1968	3/8"	10
2020-1976	1/2"	12

Cross Hose Tails, Brass



1010	To Suit Hose ID	To Suit Hose ID mm
2020-1901	1/4"	6
2020-1919	5/16"	8
2020-1927	3/8"	10
2020-1935	1/2"	12

Tech Sheet 20349

Tee Hose Tails, Brass



Single Barbed

1010	To Suit Hose ID	To Suit Hose ID mm
620-2108	5/16"	8
620-2110	3/8"	10
620-2112	1/2"	12

Multi Barbed



1010	To Suit Hose ID	To Suit Hose ID mm
THT-5	3/16"	5
THT-6	1/4"	6
THT-8	5/16"	8
THT-10	3/8"	10
THT-13	1/2"	13
HRCT12	3/4"	19

Tech Sheet 20348

Hose Joiners, Brass



Equal

0422	To Suit Hose ID
DS04/04	1/8"
DS05/05	3/16"
DS06/06	1/4"
DS08/08	5/16"
DS09/09	3/8"
DS13/13	1/2"
DS16/16	5/8"
DS19/19	3/4"
DS25/25	1"
DS31/31	1.1/4"
DS38/38	1.1/2"
DS50/50	2"

Unequal

0422	To Suit Hose ID	To Suit Hose ID
DS09/06	3/8"	1/4"
DS13/06	1/2"	1/4"
DS13/08	1/2"	5/16"
DS13/09	1/2"	3/8"
DS16/09	5/8"	3/8"
DS16/13	5/8"	1/2"
DS19/09	3/4"	3/8"
DS19/13	3/4"	1/2"
DS19/16	3/4"	5/8"
DS25/19	1"	3/4"

Metric Stand Pipe



0422	Stand Pipe mm	To Suit Hose ID mm
CL15-10	15	10

Soldering Nut & Nipple



Female Thread, BSPP

0447	Thread	To Suit Hose ID
SN02/03	1/8"	3/16"
SN04/04	1/4"	1/4"
SN04/05	1/4"	5/16"
SN06/06	3/8"	3/8"
SN08/08	1/2"	1/2"
SN12/12	3/4"	3/4"

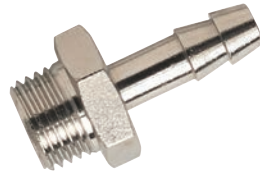
Straight Hose Tails, Nickel Plated Brass



Male Thread, BSPT

0422	Thread	To Suit Hose ID mm
3040-4-1/8	1/8"	4
3040-6-1/8	1/8"	6
3040-7-1/8	1/8"	7
3040-8-1/8	1/8"	8
3040-9-1/8	1/8"	9
3040-10-1/8	1/8"	10
3040-6-1/4	1/4"	6
3040-7-1/4	1/4"	7
3040-8-1/4	1/4"	8
3040-9-1/4	1/4"	9
3040-10-1/4	1/4"	10
3040-12-1/4	1/4"	12
3040-8-3/8	3/8"	8
3040-9-3/8	3/8"	9
3040-10-3/8	3/8"	10
3040-12-3/8	3/8"	12
3040-14-3/8	3/8"	14
3040-16-3/8	3/8"	16
3040-17-3/8	3/8"	17
3040-18-3/8	3/8"	18
3040-20-3/8	3/8"	20
3040-9-1/2	1/2"	9
3040-10-1/2	1/2"	10
3040-12-1/2	1/2"	12
3040-14-1/2	1/2"	14
3040-15-1/2	1/2"	15
3040-16-1/2	1/2"	16
3040-17-1/2	1/2"	17
3040-18-1/2	1/2"	18
3040-20-1/2	1/2"	20
3040-16-3/4	3/4"	16
3040-18-3/4	3/4"	18
3040-20-3/4	3/4"	20
3040-25-3/4	3/4"	25
3040-25-1	1"	25

Tech Sheet 10700



Male Thread, BSPP

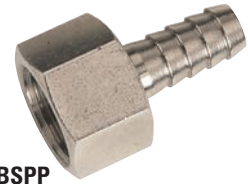
0422	Thread	To Suit Hose ID mm
3045-4.5-M5	M5	4.5
3045-4-1/8	1/8"	4
3045-6-1/8	1/8"	6
3045-7-1/8	1/8"	7
3045-8-1/8	1/8"	8
3045-9-1/8	1/8"	9
3045-6-1/4	1/4"	6
3045-7-1/4	1/4"	7
3045-8-1/4	1/4"	8
3045-9-1/4	1/4"	9
3045-12-1/4	1/4"	12
3045-9-3/8	3/8"	9
3045-12-3/8	3/8"	12
3045-17-3/8	3/8"	17
3045-9-1/2	1/2"	9
3045-12-1/2	1/2"	12
3045-15-1/2	1/2"	15
3045-17-1/2	1/2"	17

Tech Sheet 10701



Male Thread, BSPT

5003	Thread	To Suit Hose ID mm
MC3/4-19	3/4"	19
MC1-25	1"	25



Female Thread, BSPP

0422	Thread	To Suit Hose ID mm
FHT6/10	1/8"	6
FHT6/13	1/4"	6
FHT7/10	1/8"	7
FHT7/13	1/4"	7
FHT8/13	1/4"	8
FHT9/13	1/4"	9
FHT9/17	3/8"	9
FHT10/13	1/4"	10
FHT10/17	3/8"	10
FHT12/17	3/8"	12
FHT12/21	1/2"	12

Tech Sheet 10702

Elbow Hose Tails, Nickel Plated Brass



Male Thread, BSPT

1020	Thread	To Suit Hose ID	To Suit Hose ID mm
3055-6-1/8	1/8"	1/4"	6
3055-6-1/4	1/4"	1/4"	6
3055-9-1/4	1/4"	3/8"	9

Tech Sheet 10702



For Hydraulic Hose Range
...see pages 6-14



HOSE TAILS

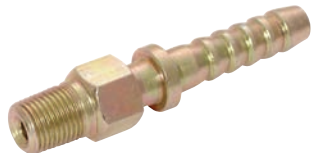


Straight Hose Tails, Steel Zinc Plated



Male Thread, BSPP

1011	Thread	To Suit Hose ID
2049-1460	3/8"	3/8"
2049-1478	1/2"	1/2"
2049-1502	3/4"	3/4"
2049-1528	1"	1"



Male Thread, BSPT, Safety Locking Collar

1011	Thread	To Suit Hose ID
SMH18-14	1/8"	1/4"
SMH14-38	1/4"	3/8"
SMH14-12	1/4"	1/2"
SMH38-14	3/8"	1/4"
SMH12-38	1/2"	3/8"
SMH12-12	1/2"	1/2"
SMH12-34	1/2"	3/4"
SMH34-12	3/4"	1/2"
SMH34-34	3/4"	3/4"
SMH01-01	1"	1"



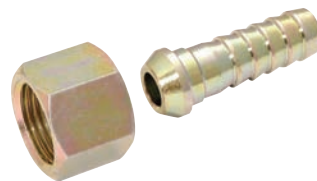
Male Thread, BSPT

1011	Thread	To Suit Hose ID
2049-1536	1/4"	1/4"
2049-1537	1/4"	5/16"
2052-8998	1/4"	3/8"
2049-1538	1/4"	1/2"
2049-1539	3/8"	1/4"
2049-1540	3/8"	5/16"
2049-1544	3/8"	3/8"
2052-9020	3/8"	1/2"
2052-9038	1/2"	3/8"
2049-1551	1/2"	1/2"
2052-9046	3/4"	1/2"
2052-9053	3/4"	1"
2049-1577	1"	1"



Swivel Female Thread, Flat Faced Seat with Washer, BSPP

1011	Thread	To Suit Hose ID
2049-1585	1/2"	1/2"
2049-1593	3/4"	3/4"
2049-1601	1"	1"
2049-1619	1.1/4"	1.1/4"



Swivel Female Thread, Coned Seat, BSPP

1011	Thread	To Suit Hose ID
2049-1630	1/4"	1/4"
2049-1633	1/4"	5/16"
2049-1638	1/4"	3/8"
2049-1640	3/8"	3/8"
2049-1643	1/2"	1/2"
2049-1668	3/4"	3/4"
2049-1684	1"	1"

Straight Hose Tail, Steel Plated



Swivel Male Thread, BSPT

1011	Thread	To Suit Hose ID
MH04/04S	1/4"	1/4"

Hose Joiners, Steel



Equal

1011	To Suit Hose ID
SHRC04/04	1/4"
SHRC05/05	5/16"



For **Combination Nipples**
...see page 1497



HOSE TAILS

Straight Hose Tails, Aluminium

- These lightweight hose tails are manufactured to a high strength specification with a lower cost in comparison to its brass alternative.
- Tapered in conformity with ISO 7.1, BS 21, DIN 2999.
- Has the appearance of brass.
- Lightweight.
- General use for compressed air, pneumatics, oils and fluids.

Male Thread, BSPT

0383	Thread	To Suit Hose ID
AGT13/06K	1/4"	1/4"
AGT13/08K	1/4"	5/16"
AGT13/09K	1/4"	3/8"
AGT13/13K	1/4"	1/2"
AGT17/09K	3/8"	3/8"
AGT17/13K	3/8"	1/2"
AGT21/13K	1/2"	1/2"
AGT21/19K	1/2"	3/4"
AGT26/19K	3/4"	3/4"
AGT33/25K	1"	1"

N.B. Safe pressures and temperatures depend entirely on the hose being used, for this reason the values must be determined in accordance with the hose features.



Working Temperature:
0°C to +80°C



Maximum Working Pressure
10 bar

PUSH-ON HOSE ADAPTORS



Threads: Metric conforming to ISO R/262
Application: Flexible plastic tubes
Materials: Technopolymer body, Brass hose adaptor
Medium: Compressed air

Working Temperature:
 -10°C to +80°C

Maximum Working Pressure:
 10 bar
Vacuum: -0.99 bar

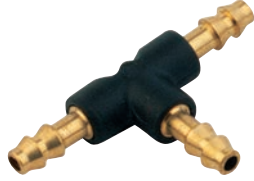
Elbow Hose Adaptor



Tube x Tube

1020	To Suit Hose ID mm
1513-2	2
1513-3	3
1513-4	4
1513-6	6
Tech Sheet 983	

Tee Hose Adaptor



Tube x Tube

1020	To Suit Hose ID mm
1523-2	2
1523-3	3
1523-4	4
1523-6	6
Tech Sheet 983	

Straight Hose Adaptor



Tube x Tube

1020	Hose ID mm A	To Suit Hose ID mm B:
1504-22	2	2
1504-32	3	2
1504-33	3	3
1504-43	4	3
1504-44	4	4
1504-64	6	4
1504-66	6	6
Tech Sheet 983		

Straight Male Hose Adaptor



Tube x Metric

1020	To Suit Hose ID mm	Thread
1500-2	2	M5
1500-3	3	M5
1500-4	4	M5
1500-6	6	M5
Tech Sheet 983		



For **Compression Fittings**
 ...see pages 1209-1211



° Maximum Working Temperature: +80°C
 Maximum Working Pressure: 8 bar

Threaded Studs

Male BSPP x Barb OD



0679	OD mm	Thread
28PHA01	6	1/4"
28PHA04	10	3/8"
28PHA05	12	3/8"
28PHA06	16	3/8"
28PHA08	13	1/2"
28PHA09	16	1/2"
28PHA10	20	1/2"
28PHA11	10	3/4"
28PHA12	13	3/4"
28PHA13	16	3/4"
28PHA14	20	3/4"
28PHA15	25	3/4"
28PHA16	20	1"
28PHA17	25	1"
28PHA18	32	1"
28PHA18A	20	1.1/4"
28PHA19	25	1.1/4"
28PHA20	32	1.1/4"
28PHA21	40	1.1/4"
28PHA22	38	1.1/2"
28PHA22A	40	1.1/2"
28PHA23	50	1.1/2"
28PHA24	50	2"

Tech Sheet 68762

Fixed Female BSPP x Barb OD



0679	OD mm	Thread
28PHA50	16	3/4"
28PHA51	20	3/4"

Tech Sheet 68762

Female BSPP, Nut Liner & Seal x Barb OD



0679	OD mm	Thread
28PHA38	10	3/8"
28PHA39	13	1/2"
28PHA40	10	3/4"
28PHA40A	13	3/4"
28PHA40B	16	3/4"
28PHA40C	20	3/4"
28PHA41A	20	1"
28PHA41B	25	1"
28PHA42	20	1.1/4"
28PHA42A	25	1.1/4"
28PHA42B	32	1.1/4"
28PHA43	40	1.1/2"
28PHA43A	38	1.1/2"
28PHA44	50	2"

Tech Sheet 68762

Stepped Male BSPP x Barb OD



0679	OD mm	Thread
28PHA25B1	10/13/20	1/2"
28PHA25C	13/20/25	3/4"
28PHA25D	20/25/32	1"
28PHA25E	25/32/38	1.1/4"
28PHA25F	13/20/25/32/38	1.1/2"

Tech Sheet 68762

90° Male BSPP Elbow x Barb OD



0679	OD mm	Thread
29PHA27	13	1/2"
29PHA28	16	1/2"
29PHA29	20	1/2"
29PHA30	12	3/4"
29PHA31	20	3/4"
29PHA32A	25	3/4"
29PHA33	25	1"
29PHA34	32	1"
29PHA35	32	1.1/4"
29PHA36	40	1.1/2"
29PHA37	51	2"

Tech Sheet 68762

Male BSPP Y Piece, Twin Barb OD



0679	OD mm	Thread
28PHA52	10	3/4"
28PHA53	13	3/4"
28PHA53B	20	3/4"
28PHA53C	25	1"

Tech Sheet 68762

Male BSPP Y Piece, Triple Barb OD



0679	OD mm	Thread
28PHA54	10	3/4"
28PHA55	13	3/4"

Tech Sheet 68762

90° Female BSPP Elbow, Nut Liner & Seal x Barb OD



0679	OD mm	Thread
28PHA45A	12	1/2"
28PHA45B	12	3/4"
28PHA45C	16	3/4"
28PHA46	20	3/4"
28PHA47A	25	1"
28PHA47BC	25	1.1/4"
28PHA47B	32	1.1/4"
28PHA47C	40	1.1/2"
28PHA47D	50	2"

Tech Sheet 68762

OD Barb x OD Barb Adaptors

Equal Hose Menders



0679	OD mm
28PHM01A	6
28PHM03	13
28PHM04B	16
28PHM05	20
28PHM06	25
28PHM07	32
28PHM08	40
28PHM09A	50

Tech Sheet 68762

Unequal Hose Menders



0679	OD A mm	OD B mm
28PHMR04B	13	20
28PHMR04C	13	26
28PHMR05	20	25
28PHMR06	26	32
28PHMR09	25	38
28PHMR08	32	38
28PHMR10	38.5	50

Tech Sheet 68762

90° Equal Elbow Hose Menders



0679	OD mm
28PHLA01	6
28PHLA02	10
28PHLB03	13
28PHLB05	20
28PHLB06	25
28PHLB07	32
28PHLB08	40
28PHLB09A	50

Tech Sheet 68762

NYLON HOSE TAILS



Tefen hose fittings are the perfect choice to connect all types of flexible rubber and plastic tubes in domestic, industrial and all other general applications.

Nylon 6-6

Temperature: -20 to 110°C

Working Pressure: Up to 14 bar (200 psi) at 20°C

Fittings Dimensions: refer to tube ID or OD, with respect to the common application

Main advantages:

- Strong and durable
- High impact resistant
- Food Certified

Female Swivel Nut x Hose Tail



BSPT

0497	To Suit Hose ID	To Suit Hose ID mm	Thread
PN14-4-18	1/8"	4	1/8"
PN14-5-18	3/16"	5	1/8"
PN14-4-14	1/8"	4	1/4"
PN14-5-14	3/16"	5	1/4"
PN14-6-14	1/4"	6	1/4"
PN14-8-14	5/16"	8	1/4"
PN14-5-38	3/16"	5	3/8"
PN14-6-38	1/4"	6	3/8"
PN14-8-38	5/16"	8	3/8"
PN14-10-38	3/8"	10	3/8"
PN14-6-12	1/4"	6	1/2"
PN14-8-12	5/16"	8	1/2"
PN14-10-12	3/8"	10	1/2"
PN14-12-12	1/2"	12	1/2"
PN14-14-12	-	14	1/2"
PN14-10-34	3/8"	10	3/4"
PN14-12-34	1/2"	12	3/4"
PN14-14-34	-	14	3/4"
PN14-16-34	5/8"	16	3/4"
PN14-19-34	3/4"	19	3/4"

Male x Hose Tail



BSPT

0497	To Suit Hose ID	To Suit Hose ID mm	Thread
PN15-4-18	1/8"	4	1/8"
PN15-4-14	1/8"	4	1/4"
PN15-5-18	3/16"	5	1/8"
PN15-5-14	3/16"	5	1/4"
PN15-6-18	1/4"	6	1/8"
PN15-6-14	1/4"	6	1/4"
PN15-6-38	1/4"	6	3/8"
PN15-6-12	1/4"	6	1/2"
PN15-6-34	1/4"	6	3/4"
PN15-8-18	5/16"	8	1/8"
PN15-8-14	5/16"	8	1/4"
PN15-8-38	5/16"	8	3/8"
PN15-8-12	5/16"	8	1/2"
PN15-10-14	3/8"	10	1/4"
PN15-10-38	3/8"	10	3/8"
PN15-10-12	3/8"	10	1/2"
PN15-10-34	3/8"	10	3/4"
PN15-12-14	1/2"	12	1/4"
PN15-12-38	1/2"	12	3/8"
PN15-12-12	1/2"	12	1/2"
PN15-12-34	1/2"	12	3/4"
PN15-14-38	-	14	3/8"
PN15-14-12	-	14	1/2"
PN15-14-34	-	14	3/4"
PN15-16-12	5/8"	16	1/2"
PN15-16-34	5/8"	16	3/4"
PN15-19-12	3/4"	19	1/2"
PN15-19-34	3/4"	19	3/4"
PN15-19-1	3/4"	19	1"
PN15-25-34	1"	25	3/4"

Reducing Hose Repairer



Tube x Tube

0497	To Suit Hose ID	To Suit Hose ID mm	To Suit Hose ID	To Suit Hose ID mm
PN19-5-4	3/16"	5	1/8"	4
PN19-6-4	1/4"	6	1/8"	4
PN19-6-5	1/4"	6	3/16"	5
PN19-8-5	5/16"	8	3/16"	5
PN19-8-6	5/16"	8	1/4"	6
PN19-10-6	3/8"	10	1/4"	6
PN19-10-8	3/8"	10	5/16"	8
PN19-12-8	1/2"	12	5/16"	8
PN19-12-10	1/2"	12	3/8"	10
PN19-14-10	3/8"	10	3/8"	10
PN19-14-12	-	14	1/2"	12
PN19-16-12	5/8"	16	1/2"	12
PN19-16-14	5/8"	16	-	14
PN19-19-14	3/4"	19	-	14
PN19-19-16	3/4"	19	5/8"	16

Female x Hose Tail



BSPT

0497	To Suit Hose ID	To Suit Hose ID mm	Thread
PN25-5-18	3/16"	5	1/8"
PN25-6-18	1/4"	6	1/8"
PN25-8-12	5/16"	8	1/2"
PN25-10-12	3/8"	10	1/2"
PN25-12-12	1/2"	12	1/2"
PN25-14-12	-	14	1/2"
PN25-19-12	3/4"	19	1/2"

Hose Repairer



Tube x Tube

0497	To Suit Hose ID	To Suit Hose ID mm
PN20-4	1/8"	4
PN20-5	3/16"	5
PN20-6	1/4"	6
PN20-8	5/16"	8
PN20-10	3/8"	10
PN20-12	1/2"	12
PN20-14	-	14
PN20-16	5/8"	16
PN20-19	3/4"	19

Blanking Plug



BSPT

0497	Thread
PN12-18	1/8"
PN12-14	1/4"
PN12-38	3/8"
PN12-12	1/2"
PN12-34	3/4"

Blanking Cap



BSPT

0497	Thread
PN13-18	1/8"
PN13-14	1/4"
PN13-38	3/8"
PN13-12	1/2"
PN13-34	3/4"

NYLON HOSE TAILS



Nylon 6-6

° Temperature:
-20 to 110°C

Working Pressure:
Up to 14 bar (200 psi) at 20°C

Fittings Dimensions: refer to tube ID or OD,
with respect to the common application

Male Elbow Hose Connector



BSPT

0497	To Suit Hose ID	To Suit Hose ID mm	Thread
PN16-4-18	1/8"	4	1/8"
PN16-4-14	1/8"	4	1/4"
PN16-5-18	3/16"	5	1/8"
PN16-5-14	3/16"	5	1/4"
PN16-5-12	3/16"	5	1/2"
PN16-6-18	1/4"	6	1/8"
PN16-6-14	1/4"	6	1/4"
PN16-6-38	1/4"	6	3/8"
PN16-6-12	1/4"	6	1/2"
PN16-8-18	5/16"	8	1/8"
PN16-8-14	5/16"	8	1/4"
PN16-8-38	5/16"	8	3/8"
PN16-8-12	5/16"	8	1/2"
PN16-10-14	3/8"	10	1/4"
PN16-10-38	3/8"	10	3/8"
PN16-10-12	3/8"	10	1/2"
PN16-10-34	3/8"	10	3/4"
PN16-12-14	1/2"	12	1/4"
PN16-12-38	1/2"	12	3/8"
PN16-12-12	1/2"	12	1/2"
PN16-12-34	1/2"	12	3/4"
PN16-14-38	14mm	14	3/8"
PN16-14-12	14mm	14	1/2"
PN16-14-34	14mm	14	3/4"
PN16-16-12	5/8"	16	1/2"
PN16-16-34	5/8"	16	3/4"
PN16-19-12	3/4"	19	1/2"
PN16-19-34	3/4"	19	3/4"

Male Branch Tee Hose Connector



BSPT

0497	To Suit Hose ID	To Suit Hose ID mm	Thread
PN22-4-18	1/8"	4	1/8"
PN22-4-14	1/8"	4	1/4"
PN22-5-18	3/16"	5	1/8"
PN22-5-14	3/16"	5	1/4"
PN22-5-12	3/16"	5	1/2"
PN22-6-18	1/4"	6	1/8"
PN22-6-14	1/4"	6	1/4"
PN22-6-38	1/4"	6	3/8"
PN22-6-12	1/4"	6	1/2"
PN22-8-18	5/16"	8	1/8"
PN22-8-14	5/16"	8	1/4"
PN22-8-38	5/16"	8	3/8"
PN22-10-14	3/8"	10	1/4"
PN22-10-38	3/8"	10	3/8"
PN22-10-12	3/8"	10	1/2"
PN22-12-14	1/2"	12	1/4"
PN22-12-38	1/2"	12	3/8"
PN22-12-12	1/2"	12	1/2"
PN22-12-34	1/2"	12	3/4"
PN22-14-38	-	14	3/8"
PN22-16-12	5/8"	16	1/2"
PN22-16-34	5/8"	16	3/4"
PN22-19-12	3/4"	19	1/2"
PN22-19-34	3/4"	19	3/4"

Tee Hose Connector



Tube x Tube

0497	To Suit Hose ID	To Suit Hose ID mm
PN23-4	1/8"	4
PN23-5	3/16"	5
PN23-6	1/4"	6
PN23-8	5/16"	8
PN23-10	3/8"	10
PN23-12	1/2"	12
PN23-14	14mm	14
PN23-16	5/8"	16
PN23-19	3/4"	19

Reducing Tee Hose Connector



Tube x Tube

0497	To Suit Hose ID	To Suit Hose ID	To Suit Hose ID mm
PN24-5-4	3/16"	1/8"	4
PN24-6-5	1/4"	3/16"	5
PN24-8-6	5/16"	1/4"	6
PN24-10-8	3/8"	5/16"	8
PN24-12-10	1/2"	3/8"	10
PN24-16-14	5/8"	14mm	14
PN24-19-16	3/4"	5/8"	16

Elbow Hose Connector



Tube x Tube

0497	To Suit Hose ID	To Suit Hose ID mm
PN18-4	1/8"	4
PN18-5	3/16"	5
PN18-6	1/4"	6
PN18-8	5/16"	8
PN18-10	3/8"	10
PN18-12	1/2"	12
PN18-14	14mm	14
PN18-16	5/8"	16
PN18-19	3/4"	19

Reducing Elbow Hose Connector



Tube x Tube

0497	To Suit Hose ID	To Suit Hose ID	To Suit Hose ID mm
PN17-5-4	3/16"	1/8"	4
PN17-6-5	1/4"	3/16"	5
PN17-8-6	5/16"	1/4"	6
PN17-10-6	3/8"	1/4"	6
PN17-10-8	3/8"	5/16"	8
PN17-12-10	1/2"	3/8"	10
PN17-16-14	5/8"	14mm	14
PN17-19-16	3/4"	5/8"	16

Hose Connector



Tube x Tube

0497	To Suit Hose ID	To Suit Hose ID mm
PN21-4	1/8"	4
PN21-6	1/4"	6
PN21-8	5/16"	8
PN21-10	3/8"	10

PVDF HOSE TAILS

Fittings made of PVDF function better than nylon when exposed to a wide range of temperatures and high corrosive chemicals.

This enables them to be used in industries such as chemical processing due to their excellent chemical resistance properties.



Working Temperature: -20°C to +120°C

Maximum Working Pressure: 14 bar at 20°C

Male x Hose Connector



BSPT

0472	To Suit Hose ID	Thread
PPV15-4-18	1/8"	1/8"
PPV15-5-14	3/16"	1/4"
PPV15-6-18	1/4"	1/8"
PPV15-6-14	1/4"	1/4"
PPV15-6-38	1/4"	3/8"
PPV15-6-12	1/4"	1/2"
PPV15-8-14	5/16"	1/4"
PPV15-8-38	5/16"	3/8"
PPV15-8-12	5/16"	1/2"
PPV15-10-14	3/8"	1/4"
PPV15-10-38	3/8"	3/8"
PPV15-10-12	3/8"	1/2"
PPV15-10-34	3/8"	3/4"
PPV15-12-38	1/2"	3/8"
PPV15-12-12	1/2"	1/2"
PPV15-12-34	1/2"	3/4"
PPV15-16-12	5/8"	1/2"
PPV15-19-12	3/4"	1/2"
PPV15-19-34	3/4"	3/4"

Tech Sheet 60237

Female x Hose Connector



BSPT

0472	To Suit Hose ID	Thread
PPV14-5-18	3/16"	1/8"
PPV14-5-14	3/16"	1/4"
PPV14-5-38	3/16"	3/8"
PPV14-6-14	1/4"	1/4"
PPV14-6-38	1/4"	3/8"
PPV14-6-12	1/4"	1/2"
PPV14-8-14	5/16"	1/4"
PPV14-8-38	5/16"	3/8"
PPV14-10-12	3/8"	1/2"
PPV14-12-12	1/2"	1/2"

Tech Sheet 60237

Straight Hose Connector



Tube x Tube

0472	To Suit Hose ID
PV20-5	3/16"
PV20-6	1/4"
PV20-10	3/8"
PV20-12	1/2"

Tech Sheet 60237

Male Elbow Hose Connector



BSPT

0472	To Suit Hose ID	Thread
PPV16-4-18	1/8"	1/8"
PPV16-4-14	1/8"	1/4"
PPV16-5-18	3/16"	1/8"
PPV16-5-14	3/16"	1/4"
PPV16-6-18	1/4"	1/8"
PPV16-6-14	1/4"	1/4"
PPV16-6-38	1/4"	3/8"
PPV16-6-12	1/4"	1/2"
PPV16-8-18	5/16"	1/8"
PPV16-8-14	5/16"	1/4"
PPV16-8-38	5/16"	3/8"
PPV16-8-12	5/16"	1/2"
PPV16-10-14	3/8"	1/4"
PPV16-10-38	3/8"	3/8"
PPV16-10-12	3/8"	1/2"
PPV16-10-34	3/8"	3/4"
PPV16-12-14	1/2"	1/4"
PPV16-12-38	1/2"	3/8"
PPV16-12-12	1/2"	1/2"
PPV16-12-34	1/2"	3/4"
PPV16-16-12	5/8"	1/2"
PPV16-16-34	5/8"	3/4"
PPV16-19-12	3/4"	1/2"
PPV16-19-34	3/4"	3/4"

Tech Sheet 60237

Elbow Hose Connector



Tube x Tube

0472	To Suit Hose ID
PV18-5	3/16"
PV18-8	5/16"
PV18-10	3/8"
PV18-12	1/2"

Tech Sheet 60237

Reducing Elbow Hose Connector



Tube x Tube

0472	To Suit Hose ID	To Suit Hose ID
PV17-6-5	1/4"	3/16"
PV17-8-6	5/16"	1/4"
PV17-10-8	3/8"	5/16"
PV17-12-10	1/2"	3/8"

Tech Sheet 60237

Tee Hose Connector



Tube x Tube

0472	To Suit Hose ID
PV23-5	3/16"
PV23-6	1/4"
PV23-8	5/16"
PV23-10	3/8"
PV23-12	1/2"

Tech Sheet 60237

Male Branch Tee Hose Connector



BSPT

0472	To Suit Hose ID	Thread
PPV22-6-18	1/4"	1/8"
PPV22-6-14	1/4"	1/4"
PPV22-8-14	5/16"	1/4"
PPV22-10-14	3/8"	1/4"
PPV22-12-14	1/2"	1/4"
PPV22-12-12	1/2"	1/2"
PPV22-12-38	1/2"	3/8"
PPV22-16-34	5/8"	3/4"
PPV22-19-34	3/4"	3/4"

Tech Sheet 60237

PLASTIC HOSE TAILS



OUR SUPERIOR DESIGN AND MANUFACTURING PROCESS ENSURES HIGHLY ACCURATE CONNECTOR DIMENSIONS FOR A PERFECT SEAL.

NORMA® Plastic Hose Connectors

- High performance products specified by the world's leading manufacturers for all their hose, tube and pipe applications
- Quality assured engineering and manufacture to ISO 9002, QS 9000 and ISO 14001
- Nylon polyamide 6 material



Reducing Straight

7777	To Suit Hose ID mm	To Suit Hose ID mm
NOR-GRS4-3	4	3
NOR-GRS5-4	5	4
NOR-GRS6-4	6	4
NOR-GRS8-4	8	4
NOR-GRS8-6	8	6
NOR-GRS10-6	10	6
NOR-GRS10-8	10	8
NOR-GRS12-8	12	8
NOR-GRS12-10	12	10

- Acetal POM material



Elbow

7777	To Suit Hose ID mm
NOR-WS3	3
NOR-WS4	4
NOR-WS5	5
NOR-WS6	6
NOR-WS8	8
NOR-WS10	10
NOR-WS12	12
NOR-WS13	13
NOR-WS16	16
NOR-WS19	19
NOR-WS25	25

- Acetal POM material



Equal Tee

7777	To Suit Hose ID mm
NOR-TS3	3
NOR-TS4	4
NOR-TS5	5
NOR-TS6	6
NOR-TS7	7
NOR-TS8	8
NOR-TS10	10
NOR-TS12	12
NOR-TS13	13
NOR-TS14	14
NOR-TS15	15
NOR-TS16	16
NOR-TS19	19
NOR-TS25	25

- Acetal POM material



Equal Y

7777	To Suit Hose ID mm
NOR-YS3	3
NOR-YS4	4
NOR-YS5	5
NOR-YS6	6
NOR-YS8	8
NOR-YS10	10
NOR-YS12	12
NOR-YS13	13
NOR-YS14	14
NOR-YS16	16
NOR-YS19	19

- Acetal POM material



Reducing Tee, on Branch

7777	To Suit Hose ID mm	To Suit Hose ID mm
NOR-TRS4-6-4	4	6
NOR-TRS6-4-6	4	6
NOR-TRS8-4-8	4	8
NOR-TRS8-6-8	6	8
NOR-TRS10-6-10	6	10
NOR-TRS10-8-10	8	10
NOR-TRS10-13-10	10	13
NOR-TRS12-6-12	6	12
NOR-TRS12-8-12	8	12
NOR-TRS12-10-12	10	12
NOR-TRS15-6-15	6	15
NOR-TRS15-8-15	8	15
NOR-TRS18-10-18	10	18

- Acetal POM material



Reducing Y, on Split

7777	To Suit Hose ID mm	To Suit Hose ID mm
NOR-YRS4-6-4	6	4
NOR-YRS6-8-6	8	6

- Acetal POM material



Cross

7777	To Suit Hose ID mm
NOR-KS4	4
NOR-KS5	5
NOR-KS6	6
NOR-KS12	12

- Nylon polyamide 6 material



Straight Taper Thread, BSPT Male

7777	To Suit Hose ID mm	Thread
NOR-GES4R18	4	1/8"
NOR-GES4R14	4	1/4"
NOR-GES5R14	5	1/4"
NOR-GES6R18	6	1/8"
NOR-GES6R14	6	1/4"
NOR-GES6R38	6	3/8"
NOR-GES8R14	8	1/4"
NOR-GES8R38	8	3/8"
NOR-GES8R12	8	1/2"
NOR-GES10R14	10	1/4"
NOR-GES10R38	10	3/8"
NOR-GES12R38	12	3/8"
NOR-GES12R12	12	1/2"
NOR-GES14R12	14	1/2"
NOR-GES16R12	16	1/2"
NOR-GES16R34	16	3/4"
NOR-GES19R34	19	3/4"
NOR-GES25R1	25	1"

- Nylon polyamide 6 material



Elbow Taper Thread, BSPT Male

7777	To Suit Hose ID mm	Thread
NOR-WES4R18	4	1/8"
NOR-WES4R14	4	1/4"
NOR-WES6R18	6	1/8"
NOR-WES6R14	6	1/4"
NOR-WES6R38	6	3/8"
NOR-WES8R14	8	1/4"
NOR-WES8R12	8	1/2"
NOR-WES10R14	10	1/4"
NOR-WES10R38	10	3/8"
NOR-WES12R38	12	3/8"
NOR-WES12R12	12	1/2"
NOR-WES19R34	19	3/4"
NOR-WES25R1	25	1"

- Nylon polyamide 6 material



T Taper Thread, BSPT Male

7777	To Suit Hose ID mm	Thread
NOR-TEG6R18	6	1/8"
NOR-TEG8R14	8	1/4"
NOR-TEG10R38	10	3/8"

- Acetal POM material



Straight Push-on

7777	To Suit Hose ID mm
NOR-GS3	3
NOR-GS4	4
NOR-GS5	5
NOR-GS6	6
NOR-GS8	8
NOR-GS10	10
NOR-GS12	12
NOR-GS13	13
NOR-GS14	14
NOR-GS16	16
NOR-GS19	19
NOR-GS25	25

HOSE TAILS



Emergency Hose Connector Set

Ideal for service engineers, or for workshops in case of a hose failure, this handy kit includes genuine PCL Hose Tails, Union Nuts, Coned Tailpieces and Reducing Bushes - all stored in a solid compact pocket case.

Kit contents:

- 4 x HC5194
- 3 x HC5656, HC1206, HC1217
- 2 x HC2479, HC5276, HC5275, HC1226, HC6897, HC1225
- 1 x HC6560, HC6895, HC6896



7000
HCKIT01

OXY-ACETYLENE FITTINGS



Hose Tails

Acetylene Hose Tail LH Thread, BSPP

0121	Thread	Hosetail
GA04/04	1/4"	1/4"
GA06/04	3/8"	1/4"
GA06/05	3/8"	5/16"
GA06/06	3/8"	3/8"



Oxygen Hose Tail RH Thread, BSPP

0121	Thread	Hosetail
G004/04	1/4"	1/4"
G006/04	3/8"	1/4"
G006/05	3/8"	5/16"
G006/06	3/8"	3/8"



Customers who bought from this page
also purchased...

Stainless Steel Hose Clamps
...see page 1513

stainless
steel



Miniature fittings are for use with air connections in confined areas. The hose nipple and hose elbow styles accept nylon, soft nylon and polyurethane tubing.

Working Temperature:
-5°C to +60°C

Maximum Working Pressure:
10 bar

Male Studs



Male Thread, Metric

0425	ID mm	OD mm	Thread
MIPC4-M3	2.5	4	M3
MIPC3-M5	2	3	M5
MIPC4-M5	2.5	4	M5
MIPC5-M5	4	6	M5
MIPC4-M6	2.5	4	M6
MIPC6-M6	4	6	M6

Tech Sheet 60240

Male Elbows



Male Thread, Metric

0425	ID mm	OD mm	Thread
MIPL4-M3	2.5	4	M3
MIPL4-M5	2.5	4	M5
MIPL5-M6	4	6	M6

Tech Sheet 60240

Male Stud Tee Centre Leg



Male x Female, Metric

0425	Male Thread	Female Thread
MIUT-M5	M5	M5

Tech Sheet 60240

Female Tee



Female Thread, Metric

0425	Thread
MIFT-M5	M5

Tech Sheet 60240

Barb Male Hose Tails



Male Thread, Metric

0425	To Suit Hose ID mm	Thread
MIMHT2-M3	2	M3
MIMHT4-M3	4	M3
MIMHT3-M5	3	M5
MIMHT4-M5	4	M5
MIMHT6-M5	6	M5

Tech Sheet 60240

Barb Male Elbow Hose Tails



Male Thread, Metric

0425	To Suit Hose ID mm	Thread
MIEHT3-M3	3	M3
MIEHT4-M3	4	M3
MIEHT3-M5	3	M5
MIEHT4-M5	4	M5
MIEHT6-M5	6	M5

Tech Sheet 60240

Barb Male Stud Tees



Centre Leg Male, Metric

0425	To Suit Hose ID mm	Thread
MIBPB4-M5	4	M5

Tech Sheet 60240

Nipple



Male Thread, Metric

0425	Thread
MIMM-M5	M5

Tech Sheet 60240

Plugs



Male Thread, Metric

0425	Thread
MIPP-M5	M5

Tech Sheet 60240

Female Adaptor



Female Thread, Metric

0425	Thread
MIFF-M5	M5

Tech Sheet 60240

Male x Female Reducer



Male x Female, Metric

0425	Male Thread	Female Thread
MIMF-M5	M5	M5

Tech Sheet 60240

Extended Male x Female Adaptor



Male x Female, Metric

0425	Male Thread	Female Thread
MIRB18-M5	1/8"	M5

Tech Sheet 60240

BRASS QUICK-FIT FITTINGS



The working pressures and working temperatures depend on which type of tube is used; for this reason, the values must be determined in accordance with the tubes features. For the "swivel" fittings, the values are:

Working Temperature:
-18°C to +70°C

Maximum Working Pressure:
15 bar (220 psi)

Male Studs



BSPT

1030	ID mm	OD mm	Thread
C1-4/2.7-1/8	2.7	4	1/8"
C1-5/3-1/8	3	5	1/8"
C1-6/4-1/8	4	6	1/8"
C1-6/4-1/4	4	6	1/4"
C1-6/4-3/8	4	6	3/8"
C1-8/6-1/8	6	8	1/8"
C1-8/6-1/4	6	8	1/4"
C1-8/6-3/8	6	8	3/8"
C1-10/8-1/8	8	10	1/8"
C1-10/8-1/4	8	10	1/4"
C1-10/8-3/8	8	10	3/8"
C1-10/8-1/2	8	10	1/2"
C1-12/10-3/8	10	12	3/8"
C1-12/10-1/2	10	12	1/2"
C1-15/12.5-1/2	12.5	15	1/2"

Tech Sheet 10705



BSPP & Metric

1030	ID mm	OD mm	Thread
C1Z-4/2.7-5M	2.7	4	M5
C1Z-4/2.7-6M	2.7	4	M6
C1Z-4/2.7-1/8	2.7	4	1/8"
C1Z-5/3-5M	3	5	M5
C1Z-5/3-6M	3	5	M6
C1Z-5/3-1/8	3	5	1/8"
C1Z-6/4-5M	4	6	M5
C1Z-6/4-6M	4	6	M6
C1Z-6/4-1/8	4	6	1/8"
C1Z-6/4-1/4	4	6	1/4"
C1Z-6/4-3/8	4	6	3/8"
C1Z-6/4-1/2	4	6	1/2"
C1Z-8/6-1/8	6	8	1/8"
C1Z-8/6-1/4	6	8	1/4"
C1Z-8/6-3/8	6	8	3/8"
C1Z-10/8-1/8	8	10	1/8"
C1Z-10/8-1/4	8	10	1/4"
C1Z-10/8-3/8	8	10	3/8"
C1Z-10/8-1/2	8	10	1/2"
C1Z-12/10-3/8	10	12	3/8"
C1Z-12/10-1/2	10	12	1/2"

Tech Sheet 10705

Swivel Male Studs



BSPT

1030	ID mm	OD mm	Thread
C1X-6/4-1/4	4	6	1/4"
C1X-8/6-1/8	6	8	1/8"
C1X-8/6-1/4	6	8	1/4"
C1X-12/10-3/8	10	12	3/8"

Tech Sheet 10705



BSPP

1030	ID mm	OD mm	Thread
C1Y-6/4-1/8	4	6	1/8"
C1Y-6/4-1/4	4	6	1/4"
C1Y-8/6-1/8	6	8	1/8"
C1Y-8/6-1/4	6	8	1/4"
C1Y-10/6.5-1/4	6.5	10	1/4"
C1Y-10/8-1/4	8	10	1/4"
C1Y-12/10-3/8	10	12	3/8"

Tech Sheet 10705

Female Studs



BSPP

1030	ID mm	OD mm	Thread
C2-6/4-1/8	4	6	1/8"
C2-6/4-1/4	4	6	1/4"
C2-6/4-3/8	4	6	3/8"
C2-8/6-1/8	6	8	1/8"
C2-8/6-1/4	6	8	1/4"
C2-8/6-3/8	6	8	3/8"
C2-8/6-1/2	6	8	1/2"
C2-10/8-1/4	8	10	1/4"
C2-12/10-3/8	10	12	3/8"

Tech Sheet 10705

Straight Connectors



Equal Tube x Tube

1030	ID mm	OD mm
C3-4/2.7	2.7	4
C3-5/3	3	5
C3-6/4	4	6
C3-8/6	6	8
C3-10/8	8	10
C3-12/10	10	12
C3-15/12.5	12.5	15

Tech Sheet 10705

Unequal Tube x Tube

1030	ID A mm	OD A mm	ID B mm	OD B mm
C3-6/4-5/3	4	6	3	5
C3-8/6-6/4	6	8	4	6
C3-10/8-8/6	8	10	6	8

Tech Sheet 10705

Bulkhead Connectors



Equal Tube x Tube

1030	ID mm	OD mm
C4-4/2.7	2.7	4
C4-6/4	4	6
C4-8/6	6	8
C4-10/8	8	10
C4-12/10	10	12

Tech Sheet 10705

Unequal Tube x Tube

1030	ID A mm	OD A mm	ID B mm	OD B mm
C4-6/4-5/3	4	6	3	5
C4-8/6-6/4	6	8	4	6

Tech Sheet 10705

The working pressures and working temperatures depend on which type of tube is used; for this reason, the values must be determined in accordance with the tubes features. For the "swivel" fittings, the values are:

Working Temperature:
-18°C to +70°C

Maximum Working Pressure:
15 bar (220 psi)

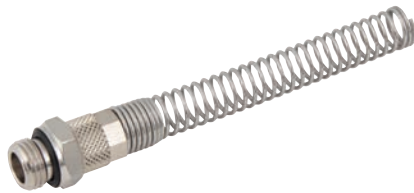
Male Studs, Spring Guard



BSPT

1030	ID mm	OD mm	Thread
E1-6/4-1/8	4	6	1/8"
E1-6/4-1/4	4	6	1/4"
E1-8/6-1/4	6	8	1/4"
E1-8/6-3/8	6	8	3/8"
E1-10/8-1/8	8	10	1/8"
E1-10/8-1/4	8	10	1/4"
E1-10/8-3/8	8	10	3/8"
E1-10/8-1/2	8	10	1/2"

Tech Sheet 10705



BSPP

1030	ID mm	OD mm	Thread
E1Z-6/4-1/8	4	6	1/8"
E1Z-6/4-1/4	4	6	1/4"
E1Z-8/6-1/4	6	8	1/4"
E1Z-10/8-3/8	8	10	3/8"
E1Z-12/10-3/8	10	12	3/8"

Tech Sheet 10705

Swivel Male Studs, Spring Guard



BSPT

1030	ID mm	OD mm	Thread
E1X-6/4-1/8	4	6	1/8"
E1X-6/4-1/4	4	6	1/4"
E1X-8/6-1/4	6	8	1/4"
E1X-10/6.5-1/4	6.5	10	1/4"
E1X-10/8-1/4	8	10	1/4"
E1X-12/8-3/8	8	12	3/8"

Tech Sheet 10705



BSPP

1030	ID mm	OD mm	Thread
E1Y-6/4-1/8	4	6	1/8"
E1Y-6/4-1/4	4	6	1/4"
E1Y-8/6-1/4	6	8	1/4"
E1Y-10/6.5-1/4	6.5	10	1/4"

Tech Sheet 10705

Female Studs, Spring Guard



BSPP

1030	ID mm	OD mm	Thread
C2X-6/4-1/4	4	6	1/4"
C2X-8/6-1/4	6	8	1/4"
C2X-8/6-3/8	6	8	3/8"
C2X-10/8-1/4	8	10	1/4"

Tech Sheet 10705

Locking Nuts



Metric

1030	ID mm	OD mm	Thread
C10-4/2.7-M6	2.7	4	M6 x 0.5
C10-5/3-M7	3	5	M7 x 0.75
C10-6/4-M8	4	6	M8 x 0.75
C10-6/4-M10	4	6	M10 x 1
C10-8/6-M12	6	8	M12 x 1
C10-10/8-M14	8	10	M14 x 1
C10-15/12.5-M20	12.5	15	M20 x 1

Tech Sheet 10705

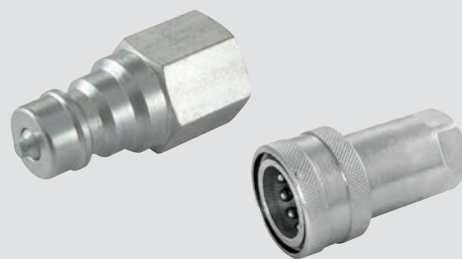
Locking Nuts, Spring Guard



Metric

1030	ID mm	OD mm	Thread
C10X-6/4	4	6	M10 x 1
C10X-8/6	6	8	M12 x 1
C10X-10/8	8	10	M14 x 1
C10X-12/10	10	12	M16 x 1

Tech Sheet 10705



For Hydraulic QRC's
... see pages 290-294

BRASS QUICK-FIT FITTINGS



The working pressures and working temperatures depend on which type of tube is used; for this reason, the values must be determined in accordance with the tubes features. For the "swivel" fittings, the values are:

Working Temperature: -18°C to +70°C

Maximum Working Pressure: 15 bar (220 psi)

Male Stud Elbows

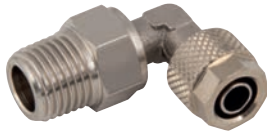


BSPT

1030	ID mm	OD mm	Thread
C5-4/2.7-1/8	2.7	4	1/8"
C5-5/3-1/8	3	5	1/8"
C5-6/4-1/8	4	6	1/8"
C5-6/4-1/4	4	6	1/4"
C5-8/6-1/8	6	8	1/8"
C5-8/6-1/4	6	8	1/4"
C5-8/6-3/8	6	8	3/8"
C5-8/6-1/2	6	8	1/2"
C5-10/8-1/8	8	10	1/8"
C5-10/8-1/4	8	10	1/4"
C5-10/8-3/8	8	10	3/8"
C5-10/8-1/2	8	10	1/2"
C5-12/10-3/8	10	12	3/8"
C5-12/10-1/2	10	12	1/2"
C5-15/12.5-1/2	12.5	15	1/2"

Tech Sheet 10705

Swivel Male Stud Elbows



BSPT

1030	ID mm	OD mm	Thread
C5X-4/2.7-1/8	2.7	4	1/8"
C5X-6/4-1/8	4	6	1/8"
C5X-6/4-1/4	4	6	1/4"
C5X-8/6-1/8	6	8	1/8"
C5X-8/6-1/4	6	8	1/4"
C5X-10/8-1/4	8	10	1/4"

Tech Sheet 10705



BSPP

1030	ID mm	OD mm	Thread
C5Y-4/2.7-1/8	2.7	4	1/8"
C5Y-6/4-M5	4	6	M5
C5Y-6/4-1/8	4	6	1/8"
C5Y-6/4-1/4	4	6	1/4"
C5Y-8/6-1/8	6	8	1/8"
C5Y-8/6-1/4	6	8	1/4"
C5Y-10/8-1/4	8	10	1/4"

Tech Sheet 10705

Female Stud Elbows

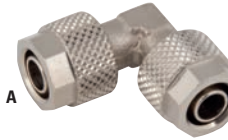


BSPP

1030	ID mm	OD mm	Thread
C5F-5/3-1/8	3	5	1/8"
C5F-6/4-1/8	4	6	1/8"
C5F-6/4-1/4	4	6	1/4"
C5F-8/6-1/8	6	8	1/8"
C5F-8/6-1/4	6	8	1/4"
C5F-10/8-1/4	8	10	1/4"
C5F-10/8-3/8	8	10	3/8"

Tech Sheet 10705

Elbow Connectors



Equal Tube x Tube

1030	ID mm	OD mm
C6-4/2.7	2.7	4
C6-5/3	3	5
C6-6/4	4	6
C6-8/6	6	8
C6-10/8	8	10
C6-12/10	10	12

Tech Sheet 10705

Telee Connectors



Equal Tube x Tube

1030	ID mm	OD mm
C9-4/2.7	2.7	4
C9-5/3	3	5
C9-6/4	4	6
C9-8/6	6	8
C9-10/8	8	10
C9-12/10	10	12

Tech Sheet 10705

Unequal Tube x Tube

1030	ID A mm	OD A mm	ID B mm	OD B mm
C9-10/8-8/6	8	10	6	8

Tech Sheet 10705

Male Stud Tees



BSPT, Branch

1030	ID mm	OD mm	Thread
C7-4/2.7-1/8	2.7	4	1/8"
C7-6/4-1/8	4	6	1/8"
C7-6/4-1/4	4	6	1/4"
C7-8/6-1/8	6	8	1/8"
C7-8/6-1/4	6	8	1/4"
C7-10/8-1/4	8	10	1/4"
C7-12/10-3/8	10	12	3/8"
C7-15/12.5-1/2	12.5	15	1/2"

Tech Sheet 10705

BSPT, Run

1030	ID mm	OD mm	Thread
C8-6/4-1/8	4	6	1/8"
C8-6/4-1/4	4	6	1/4"
C8-8/6-1/8	6	8	1/8"
C8-8/6-1/4	6	8	1/4"
C8-10/8-1/4	8	10	1/4"

Tech Sheet 10705

Male Stud Swivel Tees



BSPT, Branch

1030	ID mm	OD mm	Thread
C7X-6/4-1/8	4	6	1/8"
C7X-6/4-1/4	4	6	1/4"
C7X-8/6-1/8	6	8	1/8"
C7X-8/6-1/4	6	8	1/4"
C7X-10/8-1/4	8	10	1/4"

Tech Sheet 10705

BSPP, Branch

1030	ID mm	OD mm	Thread
C7Y-6/4-1/8	4	6	1/8"
C7Y-8/6-1/8	6	8	1/8"
C7Y-8/6-1/4	6	8	1/4"

Tech Sheet 10705

Cross Connectors



Tube x Tube

1030	ID mm	OD mm
C11-6/4	4	6
C11-8/6	6	8
C11-12/10	10	12
C11-15/12.5	12.5	15

Tech Sheet 10705

Female Single Banjo Body



Female Thread, BSPP

1030	Thread
6090-1/8	1/8"
6090-1/4	1/4"

Tech Sheet 10705

Single Banjo Body - Quick-Fit



BSPP & Metric

1030	ID mm	OD mm	Thread
D5-4/2.7-5M	2.7	4	M5
D5-5/3-5M	3	5	M5
D5-6/4-5M	4	6	M5
D5-6/4-1/8	4	6	1/8"
D5-6/4-1/4	4	6	1/4"
D5-8/6-1/8	6	8	1/8"
D5-8/6-1/4	6	8	1/4"
D5-8/6-3/8	6	8	3/8"
D5-10/8-1/4	8	10	1/4"
D5-10/8-3/8	8	10	3/8"
D5-10/8-1/2	8	10	1/2"
D5-12/10-3/8	10	12	3/8"

Tech Sheet 10705

Double Banjo Body - Quick-Fit



BSPP & Metric

1030	ID mm	OD mm	Thread
D6-4/2.7-1/8	2.7	4	1/8"
D6-8/6-1/8	6	8	1/8"
D6-8/6-1/4	6	8	1/4"
D6-8/6-1/2	6	8	1/2"
D6-10/8-1/8	8	10	1/8"
D6-10/8-1/2	8	10	1/2"

Tech Sheet 10705

Washers



Nylon, Notched

1030	Thread
D11X-5M	M5
D11X-1/8	1/8"
D11X-1/4	1/4"
D11X-3/8	3/8"
D11X-1/2	1/2"
D11X-3/4	3/4"

Tech Sheet 10705



Aluminium

1030	Thread
D11-5M	M5
D11-1/8	1/8"
D11-1/4	1/4"
D11-3/8	3/8"
D11-1/2	1/2"
D11-3/4	3/4"
D11-1	1"
D11-11/2	1.1/2"
D11-2	2"

Tech Sheet 10705

Short Banjo Bolts



Single Stem, BSPP & Metric

1030	Thread
D7-5M-L	M5
D7-6M	M6
D7-1/8	1/8"
D7-1/4	1/4"
D7-3/8	3/8"
D7-1/2	1/2"
D7-M12X1.5	M12 x 1.5

Tech Sheet 10705



Double Stem, BSPP

1030	Thread
D8-1/8	1/8"
D8-1/4	1/4"
D8-3/8	3/8"
D8-1/2	1/2"

Tech Sheet 10705



Triple Stem, BSPP

1030	Thread
D13-1/4	1/4"
D13-1/2	1/2"

Tech Sheet 10705

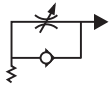


Washer 10mm

1030	Thread
D11Z-1/4	1/4"

Tech Sheet 10705

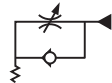
Screwdriver Quick-Fit Flow Regulators



For Cylinders, Metric & BSPP

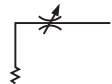
1000	ID mm	OD mm	Thread
8950-4/2.7-1/8	2.7	4	1/8"
8950-6/4-M5	4	6	M5
8950-6/4-1/4	4	6	1/4"
8950-8/6-1/8	6	8	1/8"
8950-8/6-1/4	6	8	1/4"

For Valves, BSPP



1000	ID mm	OD mm	Thread
8960-6/4-1/8	6/4	6	1/8"
8960-8/6-1/8	8/6	8	1/8"

For Bi-directional, BSPP



1000	ID mm	OD mm	Thread
8970-6/4-M5	4	6	M5
8970-6/4-1/4	4	6	1/4"
8970-8/6-1/4	6	8	1/4"

Manual Quick-Fit Female BSPP



For Cylinders, BSPP

1000	Thread
8957-1/8	1/8"
8957-1/4	1/4"

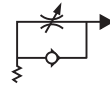
For Valves, BSPP

1000	Thread
8967-1/8	1/8"
8967-1/4	1/4"

For Bi-directional, BSPP

1000	Thread
8977-1/8	1/8"
8977-1/4	1/4"

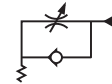
Manual Quick-Fit Flow Regulators



For Cylinders, BSPP

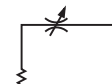
1000	ID mm	OD mm	Thread
8955-6/4-1/8	4	6	1/8"
8955-6/4-1/4	4	6	1/4"
8955-8/6-1/8	6	8	1/8"
8955-10/8-1/4	8	10	1/4"

For Valves, Metric & BSPP



1000	ID mm	OD mm	Thread
8965-4/2.7-M5	2.7	4	M5
8965-6/4-M5	4	6	M5
8965-8/6-1/8	6	8	1/8"
8965-10/8-1/4	8	10	1/4"

For Bi-directional, BSPP



1000	ID mm	OD mm	Thread
8975-4/2.7-1/8	2.7	4	1/8"
8975-6/4-1/8	4	6	1/8"

Screwdriver Flow Regulator Valves



For Cylinders, Male Thread, BSPP

1000	Thread
8900-1/4	1/4"

For Valves, Male Thread, Metric

1000	Thread
8910-M5	M5

For Bi-directional Male Thread, BSPP

1000	Thread
8920-1/8	1/8"
8920-1/4	1/4"

Screwdriver Quick-Fit Female BSPP



For Cylinders, BSPP

1000	Thread
8952-1/8	1/8"
8952-1/4	1/4"

For Valves, BSPP

1000	Thread
8962-1/8	1/8"

For Bi-directional, BSPP

1000	Thread
8972-1/8	1/8"
8972-1/4	1/4"

Manual Flow Regulator Valves



For Valves, Male Thread, Metric

1000	Thread
8915-M5	M5

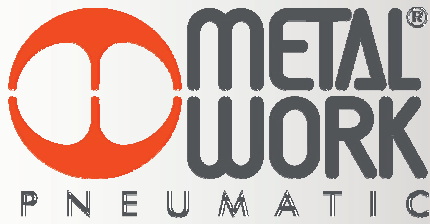
For Bi-directional Male Thread, Metric & BSPP

1000	Thread
8925-M5	M5
8925-1/4	1/4"

Driven by Customers Designed by Metal Work



Why cut costs on components, putting quality and performance in jeopardy?
Make your systems ultra efficient with Metal Work Pneumatics.



SYNTESI MONITORED DUMP VALVE

FINGER-TIGHT FITTINGS



Body:
OT 58 brass

Temperature Range:
-45°C to +80°C

Maximum Pressure:
18 bar

Male Stud



BSP Tapered x Tube

9152	Thread BSPT	Tube mm	
		OD	ID
2301001	R1/8"	6	4
2301002	R1/4"	6	4
2301003	R1/8"	8	6
2301004	R1/4"	8	6
2301005	R3/8"	8	6
2301006	R1/4"	10	8
2301007	R3/8"	10	8
2301008	R1/2"	10	8
2301009	R3/8"	12	10
2301010	R1/2"	12	10

Male Stud



BSP Tapered x Tube

9152	Thread BSPP	Tube mm	
		OD	ID
2351001	M5	4	2
2356001	M5	5	3
2351002	M5	6	4
2351003	G1/8"	6	4
2351004	G1/4"	6	4
2351005	G1/8"	8	6
2351006	G1/4"	8	6
2351007	G3/8"	8	6
2351008	G1/4"	10	8
2351009	G3/8"	10	8
2351010	G1/2"	10	8
2351011	G3/8"	12	10
2351012	G1/2"	12	10

Female Stud



BSP Parallel x Tube

9152	Thread BSPP	Tube mm	
		OD	ID
2302002	G1/4"	6	4
2302004	G1/4"	8	6
2302005	G3/8"	8	6
2302006	G1/4"	10	8
2302007	G3/8"	10	8
2302008	G1/2"	10	8

Equal Elbow



Tube x Tube

9152	Tube mm	
	OD	ID
2306001	6	4
2306003	10	8
2306004	12	10

Male Stud Elbow



BSP Tapered x Tube

9152	Thread BSPT	Tube mm	
		OD	ID
2305001	G1/8"	6	4
2305002	G1/4"	6	4
2305003	G1/8"	8	6
2305004	G1/4"	8	6
2305005	G3/8"	8	6
2305006	G1/4"	10	8
2305007	G3/8"	10	8
2305008	G1/2"	10	8
2305009	G3/8"	12	10
2305010	G1/2"	12	10

Straight Connector



Tube x Tube

9152	Tube mm	
	OD	ID
2303001	6	4
2303002	8	6
2303003	10	8
2303004	12	10

Equal Tee



Tube x Tube

9152	Tube mm	
	OD	ID
2309001	6	4
2309002	8	6
2309004	12	10

Female Stud Elbow



BSP Parallel x Tube

9152	Thread BSPP	Tube mm	
		OD	ID
2352002	G1/4"	8	6

Bulkhead Connector



Tube x Tube

9152	Tube mm	
	OD	ID
2304001	6	4
2304002	8	6

Male Stud Branch Tee



BSP Parallel x Tube

9152	Thread BSPP	Tube mm	
		OD	ID
2307001	G1/8"	6	4
2307002	G1/4"	6	4
2307003	G1/8"	8	6
2307004	G1/4"	8	6
2307005	G3/8"	8	6
2307008	G1/2"	10	8
2307009	G3/8"	12	10
2307010	G1/2"	12	10

Male Stud Run Tee



BSP Parallel x Tube

9152	Thread BSPP	Tube mm	
		OD	ID
2308012	G1/8"	5	3
2308001	G1/8"	6	4
2308002	G1/4"	6	4
2308004	G1/4"	8	6
2308005	G3/8"	8	6
2308006	G1/4"	10	8
2308007	G3/8"	10	8
2308008	G1/2"	10	8
2308009	G3/8"	12	10
2308010	G1/2"	12	10

Swivel Tube Fitting with Spring Guard



BSP Parallel x Tube

9152	Thread BSPP	Tube mm	
		OD	ID
2501010	G1/4"	6	4
2501011	G1/4"	8	6
2501012	G3/8"	10	8

Equal Cross



Tube x Tube

9152	Tube mm	
	OD	ID
2311001	6	4
2311002	8	6
2311003	10	8

POLYPROPYLENE QUICK-FIT FITTINGS



3 Way Valve

EPDM O-rings

Working Temperature:
-5°C to +60°C

Maximum Working Pressure:
10 bar



1/4" BSPT Inlet

0497	Outlet
3WAY-18	1/8" BSPT
3WAY-14	1/4" BSPT
3WAY-8MM	8mm Barb

Tech Sheet 10488

Female Connector



BSPT

0497	ID mm	OD mm	Thread
PP2-6-18	4	6	1/8"
PP2-6-14	4	6	1/4"
PP2-8-14	6	8	1/4"

Male Run Tee



BSPT

0497	ID mm	OD mm	Thread
PP8-6-14	4	6	1/4"
PP8-12-14	10	12	1/4"
PP8-12-12	10	12	1/2"

Male Branch Tee



BSPT

0497	ID mm	OD mm	Thread
PP7-6-14	4	6	1/4"
PP7-8-14	6	8	1/4"
PP7-12-14	10	12	1/4"
PP7-12-38	10	12	3/8"
PP7-12-12	10	12	1/2"

Equal Tee



Tube x Tube

0497	ID mm	OD mm
PP9-6	4	6
PP9-8	6	8
PP9-12	10	12

Reducing Connector



Tube x Tube

0497	ID A mm	OD A mm	ID B mm	OD B mm
PP4-8-6	6	8	4	6

Equal Connector



Tube x Tube

0497	ID mm	OD mm
PP3-6	4	6
PP3-8	6	8
PP3-12	10	12

Equal Elbow



Tube x Tube

0497	ID mm	OD mm
PP5-6	4	6
PP5-8	6	8
PP5-12	10	12

Male Elbow



BSPT

0497	ID mm	OD mm	Thread
PP6-6-18	4	6	1/8"
PP6-6-14	4	6	1/4"
PP6-8-18	6	8	1/8"
PP6-8-14	6	8	1/4"
PP6-8-38	6	8	3/8"
PP6-12-14	10	12	1/4"
PP6-12-38	10	12	3/8"
PP6-12-12	10	12	1/2"

1 Body Type Banjo Bolt



Type PP13, BSPP

0497	Thread
PP13-14	1/4"

Double Banjo Body



BSPP

0497	ID mm	OD mm
PP10-8-8-18	6	8

Male Connector



BSPT

0497	ID mm	OD mm	Thread
PP1-6-18	4	6	1/8"
PP1-6-14	4	6	1/4"
PP1-8-18	6	8	1/8"
PP1-8-14	6	8	1/4"
PP1-12-14	10	12	1/4"
PP1-12-38	10	12	3/8"
PP1-12-12	10	12	1/2"

PVDF QUICK-FIT FITTINGS



Fittings made of PVDF function better than nylon when exposed to a wide range of temperatures and high corrosive chemicals.

This enables them to be used in industries such as chemical processing due to their excellent chemical resistance properties.

Working Temperature: -20°C to +120°C

Maximum Working Pressure: 14 bar at 20°C

Male Connector



BSPT

0472	ID mm	OD mm	Thread
PPV1-6-18	4	6	1/8"
PPV1-8-14	6	8	1/4"
PPV1-12-38	10	12	3/8"

Tech Sheet 60237

Equal Connector



Tube x Tube

0472	ID mm	OD mm
PPV3-6	4	6
PPV3-8	6	8
PPV3-12	10	12

Tech Sheet 60237

Equal Tee



Tube x Tube

0472	ID mm	OD mm
PPV9-6	4	6
PPV9-8	6	8
PPV9-12	10	12

Tech Sheet 60237

Female Connector



BSPT

0472	ID mm	OD mm	Thread
PPV2-6-18	4	6	1/8"
PPV2-6-14	4	6	1/4"
PPV2-8-14	6	8	1/4"

Tech Sheet 60237

Equal Elbow



Tube x Tube

0472	ID mm	OD mm
PPV5-6	4	6
PPV5-8	6	8
PPV5-12	10	12

Tech Sheet 60237

Male Elbow



BSPT

0472	ID mm	OD mm	Thread
PPV6-6-18	4	6	1/8"
PPV6-8-14	6	8	1/4"
PPV6-12-38	10	12	3/8"

Tech Sheet 60237



For Nylon Hose Tails
...see pages 1150-1151



Male Adaptors - Equal



Male Thread, BSPT

0447	Thread
UP1-18	1/8"
UP1-14	1/4"
UP1-38	3/8"
UP1-12	1/2"
UP1-34	3/4"
UP1-1	1"
UP1-114	1.1/4"
UP1-112	1.1/2"
UP1-2	2"

Male Thread, NPT x BSPT

0447	Thread
660-1010	1/8"
660-1313	1/4"
660-1717	3/8"
660-2121	1/2"
660-2626	3/4"
660-3333	1"

Male Thread, Metric

0447	Thread
2018-MM05	M5 x 0.8
2018-MM08	M8 x 1.0
2018-MM10	M10 x 1.0
2018-MM12	M12 x 1.5
2018-MM14	M14 x 1.5
2018-MM16	M16 x 1.5
2018-MM18	M18 x 1.5
2018-MM20	M20 x 1.5
2018-MM22	M22 x 1.5



Flat Faced, Male Thread, BSPP

0447	Thread
PM18-18FF	1/8"
PM14-14FF	1/4"
PM38-38FF	3/8"
PM12-12FF	1/2"
PM34-34FF	3/4"
PM1-1FF	1"

Male Adaptors - Unequal



Male Thread, BSPT x BSPT

0447	Thread	Thread
UP2-18-14	1/8"	1/4"
UP2-18-38	1/8"	3/8"
UP2-18-12	1/8"	1/2"
UP2-14-38	1/4"	3/8"
UP2-14-12	1/4"	1/2"
UP2-38-12	3/8"	1/2"
UP2-14-34	1/4"	3/4"
UP2-38-34	3/8"	3/4"
UP2-12-34	1/2"	3/4"
UP2-12-1	1/2"	1"
UP2-34-1	3/4"	1"



Male Thread, BSPP x BSPT

0447	BSPP Thread	BSPT Thread
UP2-14-18P	1/4"	1/8"
UP2-18-14P	1/8"	1/4"
UP2-38-14P	3/8"	1/4"
UP2-12-14P	1/2"	1/4"
UP2-14-38P	1/4"	3/8"
UP2-12-38P	1/2"	3/8"
UP2-14-12P	1/4"	1/2"
UP2-38-12P	3/8"	1/2"
UP2-34-12P	3/4"	1/2"
UP2-12-34P	1/2"	3/4"
UP2-34-1P	3/4"	1"



Male Thread, NPT x NPT

0447	Thread	Thread
2018-2473	1/8"	1/8"
2018-2481	1/8"	1/4"
2018-2499	1/4"	1/4"
2018-2515	3/8"	1/4"
2018-2523	3/8"	3/8"
2018-2531	1/4"	1/2"
2018-2549	1/2"	3/8"
2018-2556	1/2"	1/2"
2018-2564	1/4"	3/4"
2018-2572	3/8"	3/4"
2018-2580	1/2"	3/4"
2018-2598	3/4"	3/4"
2018-2606	1/2"	1"
2018-2614	3/4"	1"
2018-2622	1"	1"

60° Male Adaptors



Coned, Male Thread, BSPP

0447	Thread	Thread
PM18-18	1/8"	1/8"
PM14-18	1/4"	1/8"
PM14-14	1/4"	1/4"
PM38-18	3/8"	1/8"
PM38-14	3/8"	1/4"
PM12-38	1/2"	3/8"
PM12-12	1/2"	1/2"
PM34-38	3/4"	3/8"
PM34-12	3/4"	1/2"
PM34-34	3/4"	3/4"
PM1-38	1"	3/8"
PM1-12	1"	1/2"
PM1-34	1"	3/4"
PM114-1	1.1/4"	1"
PM112-114	1.1/2"	1.1/4"



Male Thread, BSPP x BSPT

0447	Thread
PT18	1/8"
PT14	1/4"
PT38	3/8"
PT12	1/2"
PT1	1"
PT114	1.1/4"
PT112	1.1/2"
PT2	2"

Reducing Bush



Male Thread, BSPT x Female Thread, BSPP

0447	Female Thread	Male Thread
UP3-18-14	1/8"	1/4"
UP3-18-38	1/8"	3/8"
UP3-18-12	1/8"	1/2"
UP3-14-38	1/4"	3/8"
UP3-14-12	1/4"	1/2"
UP3-38-12	3/8"	1/2"
UP3-14-34	3/4"	1/4"
UP3-38-34	3/4"	3/8"
UP3-12-34	3/4"	1/2"
UP3-14-1	1/4"	1"
UP3-38-1	1"	3/8"
UP3-12-1	1"	1/2"
UP3-34-1	1"	3/4"
UP3-34-114	1.1/4"	3/4"
UP3-1-114	1.1/4"	1"
UP3-114-112	1.1/2"	1.1/4"
UP3-114-2	2"	1.1/4"
UP3-112-2	2"	1.1/2"



Male Thread x Female Thread, BSPP

0447	Male Thread	Female Thread
UP3-18-14P	1/4"	1/8"
UP3-18-38P	3/8"	1/8"
UP3-14-38P	3/8"	1/4"
UP3-18-12P	1/2"	1/8"
UP3-14-12P	1/2"	1/4"
UP3-38-12P	1/2"	3/8"
UP3-14-34P	3/4"	1/4"
UP3-38-34P	3/4"	3/8"
UP3-12-34P	3/4"	1/2"
UP3-14-1P	1"	1/4"
UP3-38-1P	1"	3/8"
UP3-12-1P	1"	1/2"
UP3-34-1P	1"	3/4"

Male Thread, BSPT x Female Thread, Metric

0447	Male Thread	Female Thread
UP3-M5-18	1/8"	M5 x 0.8



Male Thread, NPT x Female Thread, NPS

0447	Male Thread	Female Thread
UP3-18-14N	1/4"	1/8"
UP3-18-38N	3/8"	1/8"
UP3-14-38N	3/8"	1/4"
UP3-18-12N	1/2"	1/8"
UP3-14-12N	1/2"	1/4"
UP3-38-12N	1/2"	3/8"
UP3-38-34N	3/4"	3/8"
UP3-12-34N	3/4"	1/2"
UP3-14-34N	3/4"	1/4"
UP3-14-1N	1"	1/4"
UP3-12-1N	1"	1/2"
UP3-34-1N	1"	3/4"

Bushes



Male Thread, Metric x Female Thread, Metric & BSPP

0447	Male Thread	Female Thread
UP3-14-M16	M16 x 1.5	1/4"
UP3-14-M18	M18 x 1.5	1/4"
UP3-14-M20	M20 x 1.5	1/4"
UP3-M16-M20	M20 x 1.5	M16 x 1.5
UP3-M16-M22	M22 x 1.5	M16 x 1.5
UP3-14-M22	M22 x 1.5	1/4"
UP3-38-M22	M22 x 1.5	3/8"

Female Equal Socket



Female Thread, BSPP

0447	Thread
UP4-18P	1/8"
UP4-12P	1/2"

Female Thread, Metric

0447	Thread
UP4-MM05	M5 x 0.8
UP4-MM06	M6 x 1.0
UP4-MM08	M8 x 1.0
UP4-MM10	M10 x 1.0
UP4-MM12	M12 x 1.5
UP4-MM14	M14 x 1.5
UP4-MM16	M16 x 1.5
UP4-MM18	M18 x 1.5
UP4-MM20	M20 x 1.5
UP4-MM22	M22 x 1.5
UP4-MM26	M26 x 1.5
UP4-MM30	M30 x 1.5

Female Thread, NPS

0447	Thread
UP4-18N	1/8"
UP4-14N	1/4"
UP4-38N	3/8"
UP4-12N	1/2"
UP4-1N	1"

Female Unequal Socket



Female Thread, BSPP

0447	Thread	Thread
UP4-18-14P	1/8"	1/4"
UP4-38-18P	3/8"	1/8"
UP4-38-14P	3/8"	1/4"
UP4-12-14P	1/2"	1/4"
UP4-12-38P	1/2"	3/8"
UP4-34-14P	3/4"	1/4"
UP4-34-38P	3/4"	3/8"
UP4-12-34P	1/2"	3/4"
UP4-1-34P	1"	3/4"
UP4-1-38P	1"	3/8"
UP4-1-12P	1"	1/2"

Male x Female Unequal Socket Connectors



Male Thread, BSPT x Female Thread, BSPP

0447	Male Thread	Female Thread
UP13-18-14P	1/8"	1/4"
UP13-18-38P	1/8"	3/8"
UP13-14-38P	1/4"	3/8"
UP13-14-12P	1/4"	1/2"
UP13-38-12P	3/8"	1/2"
UP13-12-34P	1/2"	3/4"
UP13-34-1P	3/4"	1"

Bulkhead Connector



Male Thread, BSPP

0447	Thread
MB18	1/8"
MB14	1/4"
MB38	3/8"
MB12	1/2"
MB34	3/4"
MB1	1"
MB114	1.1/4"
MB112	1.1/2"
MB2	2"



Male Thread, Metric x Female Thread, BSPP

0447	Thread	Thread
MBM18	M16 x 1.5	1/8"
MBM14	M20 x 1.5	1/4"
MBM38	M26 x 1.5	3/8"
MBM12	M28 x 1.5	1/2"
MBM34	M34 x 1.5	3/4"
MBM1	M42 x 1.5	1"

Connectors



Male Thread, BSPT x Female Thread, BSPP

0447	Thread
UP13-18	1/8"
UP13-14	1/4"
UP13-38	3/8"
UP13-12	1/2"
UP13-34	3/4"
UP13-1	1"

Male Thread, Metric x Female Thread, BSPP

0447	Thread	Thread
UP13-M5-18	M5 x 0.8	1/8"
UP13-M5-14	M5 x 0.8	1/4"
UP13-M6-18	M6 x 1.0	1/8"
UP13-M6-14	M6 x 1.0	1/4"

Male x Female Thread, Metric

0447	Thread	Thread
UP13-M5-M5	M5 x 0.8	M5 x 0.8

Male Thread, NPT x Female Thread, NPS

0447	Thread
UP13-18N	1/8"
UP13-14N	1/4"
UP13-38N	3/8"
UP13-12N	1/2"
UP13-34N	3/4"
UP13-1N	1"

Reducing Connector



Male, NPT x Female Thread, NPS

0447	Thread	Thread
UP13-18-14N	1/8"	1/4"
UP13-18-38N	1/8"	3/8"
UP13-14-38N	1/4"	3/8"
UP13-14-12N	1/4"	1/2"
UP13-38-12N	3/8"	1/2"



Male Thread, UNF x Female Thread, BSPP

0447	Male Thread	Female Thread
UP13-18-14U	1/4"	1/8"

Equal Elbows



Male Thread, BSPT

0447	Thread
UP5-18	1/8"
UP5-14	1/4"
UP5-38	3/8"
UP5-12	1/2"
MML16	1"

Tech Sheet 20183



Male Thread x Female Thread, NPT

0447	Thread
UP5-18N	1/8"
UP5-14N	1/4"
UP5-12N	1/2"
UP5-34N	3/4"
UP5-1N	1"



Female Thread, BSPT

0447	Thread
UP6-18	1/8"
UP6-14	1/4"
UP6-38	3/8"
UP6-12	1/2"
UP6-34	3/4"
UP6-1	1"
UP6-114	1.1/4"

Tech Sheet 20183



Female Thread, NPT

0447	Thread
UP6-14N	1/4"
UP6-34N	3/4"



Female Thread, Metric

0447	Thread
UP6-M5	M5 x 0.8

Equal Elbows

Male Thread x Female Thread, BSPT



0447	Thread
UP7-18	1/8"
UP7-14	1/4"
UP7-38	3/8"
UP7-12	1/2"
UP7-1	1"
UP7-114	1.1/4"
UP7-112	1.1/2"

Tech Sheet 20183

Male Thread x Female Thread, Metric



0447	Thread
UP7-MM05	M5 x 0.8

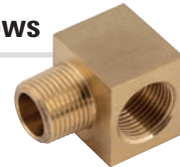
Male Thread, BSPT x Female Thread, BSPP



0447	Thread
MFL02	1/8"
MFL04	1/4"
MFL06	3/8"
MFL08	1/2"
MFL12	3/4"
MFL16	1"
MFL20	1.1/4"
MFL24	1.1/2"
MFL32	2"

Compact 90° Elbows

Male Thread, BSPT x Female Thread, BSPP



0447	Thread
UP7-18C	1/8"
UP7-14C	1/4"
UP7-38C	3/8"
UP7-12C	1/2"

45° Elbows

Female Thread, BSPP



0447	Thread
UP11-12F	1/2"
UP11-34F	3/4"
UP11-114F	1.1/4"
UP11-112F	1.1/2"
UP11-2F	2"

Equal Tees

Female Thread, BSPP x Male Thread, BSPT x Female Thread, BSPP



0447	Thread
UP22-18	1/8"
UP22-14	1/4"
UP22-38	3/8"
UP22-12	1/2"
UP22-34	3/4"

Male Thread, BSPT x Male Thread, BSPT x Female Thread, BSPP



0447	Thread
UP14-18	1/8"
UP14-38	3/8"
UP14-12	1/2"

Male Thread, BSPT x Female Thread, BSPP x Male Thread, BSPT



0447	Thread
UP15-18	1/8"
UP15-14	1/4"
UP15-38	3/8"
UP15-12	1/2"

Female Thread, BSPP x Female Thread, BSPP x Male Thread, BSPT



0447	Thread
UP16-18	1/8"
UP16-14	1/4"
UP16-38	3/8"
UP16-12	1/2"
UP16-34	3/4"
UP16-1	1"

Female Thread, BSPP



0447	Thread
UP8-18	1/8"
UP8-14	1/4"
UP8-38	3/8"
UP8-12	1/2"
UP8-34	3/4"
UP8-1	1"
UP8-114	1.1/4"
UP8-112	1.1/2"

Tech Sheet 20184

Female Thread, NPT



0447	Thread
UP8-18N	1/8"
UP8-14N	1/4"
UP8-12N	1/2"

Male Thread, BSPT



0447	Thread
UP9-18	1/8"
UP9-14	1/4"
UP9-38	3/8"
UP9-12	1/2"

Tech Sheet 20184

Female Block Equal Tee

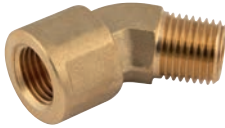


Female Thread, BSPT

0447	Thread
UP10-18	1/8"
UP10-14	1/4"
UP10-38	3/8"

Tech Sheet 20185

Male x Female 45° Equal Elbow



Male Thread, BSPT x Female Thread, BSPP

0447	Thread
UP11-18	1/8"
UP11-14	1/4"

Tech Sheet 20186

Cross Adaptors



Male Thread, BSPT

0447	Thread
UP19-14	1/4"
UP19-38	3/8"



Male Thread, BSPT x Female Thread, BSPP

0447	Thread
UP20-14	1/4"
UP20-38	3/8"
UP20-12	1/2"
UP20-34	3/4"
UP20-1	1"



Female Thread, BSPP

0447	Thread
UP21-14	1/4"
UP21-38	3/8"
UP21-12	1/2"

Barrel Nipple



Male Thread, BSPT

0447	Thread
TT18	1/8"
TT14	1/4"
TT38	3/8"
TT12	1/2"
TT34	3/4"
TT1	1"

Swivel Union



Male Thread, BSPT

1000	Thread	Thread
LD10/10K	1/8"	1/8"
LD13/13K	1/4"	1/4"
LD17/17K	3/8"	3/8"
LD21/21K	1/2"	1/2"
LD26/26K	3/4"	3/4"
LD33/33K	1"	1"

Tech Sheet 20775



Female Thread, BSPP

1000	Thread
LDF21/21K	1/2"
LDF26/26K	3/4"
LDF33/33K	1"
LDF42/42K	1.1/4"
LDF48/48K	1.1/2"
LDF52/52K	2"

Equal Y Branch Outlet



Female Thread, BSPP

1000	Thread
UP17-18	1/8"
UP17-14	1/4"
UP17-38	3/8"
UP17-12	1/2"



Female Thread, BSPP x Female Thread, BSPP BSPP x Male Thread, BSPT

1000	Thread
UP18-18	1/8"
UP18-14	1/4"
UP18-38	3/8"
UP18-12	1/2"

Triple Outlet



Female Thread, BSPP

1000	Thread
DO-17	3/8"
DO-21	1/2"

Tech Sheet 20776

Locknuts



Female Thread, BSPP

0447	Thread
UP12-18	1/8"
UP12-14	1/4"
UP12-38	3/8"
UP12-12	1/2"
UP12-58	5/8"
UP12-34	3/4"
UP12-78	7/8"
UP12-1	1"
UP12-114	1.1/4"
UP12-112	1.1/2"

Flanged Locknuts



Female Thread, BSPP

0447	Thread
UP12-38F	3/8"
UP12-12F	1/2"
UP12-34F	3/4"
UP12-1F	1"
UP12-114F	1.1/4"
UP12-112F	1.1/2"



Female Thread, Metric

0447	Thread
UP12-MM10	M10 x 1.0
UP12-MM12	M12 x 1.0
UP12-MM14.1	M14 x 1.0
UP12-MM14	M14 x 1.5
UP12-MM15	M15 x 1.0
UP12-MM16	M16 x 1.5
UP12-MM18	M18 x 1.5
UP12-MM20	M20 x 1.5
UP12-MM22	M22 x 1.5
UP12-MM24	M24 x 1.5
UP12-MM26	M26 x 1.5
UP12-MM28	M28 x 1.5
UP12-MM30	M30 x 1.5
UP12-MM34	M34 x 1.5
UP12-MM38	M38 x 1.5

Flanged Plugs



Male Thread, BSPP

1000	Thread
VFP10	1/8"
VFP13	1/4"
VFP17	3/8"
VFP21	1/2"
VFP26	3/4"
VFP33	1"
VFP42	1.1/4"
VFP48	1.1/2"
VFP52	2"

Hollow Plugs



Male Thread, BSPT

0447	Thread
VHP18	1/8"
VHP14	1/4"
VHP38	3/8"
VHP12	1/2"
VHP58	5/8"
VHP34	3/4"
VHP1	1"
VHP114	1.1/4"

Male Thread, BSPP

0447	Thread
VHP18P	1/8"
VHP14P	1/4"
VHP38P	3/8"
VHP12P	1/2"
VHP58P	5/8"
VHP34P	3/4"
VHP1P	1"
VHP114P	1.1/4"
VHP112P	1.1/2"
VHP2P	2"

Male Thread, NPT

0447	Thread
VHP18N	1/8"
VHP14N	1/4"
VHP38N	3/8"
VHP12N	1/2"
VHP34N	3/4"
VHP2N	2"

Solid Plugs

Male Thread, Metric

0447	Thread
VHPM05	M5 x 0.8
VHPM06	M6 x 1.0
VHPM08	M8 x 1.0
VHPM14	M14 x 1.5
VHPM16	M16 x 1.5
VHPM18	M18 x 1.5
VHPM20	M20 x 1.5
VHPM22	M22 x 1.5
VHPM24	M24 x 1.5
VHPM26	M26 x 1.5
VHPM28	M28 x 1.5



Male Thread, BSPT

0447	Thread
VPS18	1/8"
VPS14	1/4"
VPS38	3/8"
VPS12	1/2"
VPS58	5/8"
VPS34	3/4"
VPS78	7/8"
VPS1	1"
VPS114	1.1/4"
VPS112	1.1/2"
VPS2	2"

Male Thread, BSPP

0447	Thread
VPS18P	1/8"
VPS14P	1/4"
VPS38P	3/8"
VPS12P	1/2"
VPS58P	5/8"
VPS34P	3/4"
VPS1P	1"
VPS112P	1.1/2"
VPS2P	2"

Male Thread, NPT

0447	Thread
VPS18N	1/8"
VPS14N	1/4"
VPS38N	3/8"
VPS12N	1/2"
VPS34N	3/4"
VPS1N	1"
VPS114N	1.1/4"
VPS112N	1.1/2"
VPS2N	2"



Square Head Plugs

Male Thread, BSPP

1000	Thread
VPQ14	1/4"
VPQ38	3/8"
VPQ12	1/2"
VPQ34	3/4"
VPQ1	1"
VPQ114	1.1/4"
VPQ112	1.1/2"
VPQ2	2"



Allen Key Plugs



Male Thread, BSPT

0447	Thread
AK-TT18	1/8"
AK-TT14	1/4"
AK-TT38	3/8"
AK-TT12	1/2"
AK-TT34	3/4"
AK-TT1	1"

Male Thread, BSPP

0447	Thread
AK-PP18	1/8"
AK-PP14	1/4"
AK-PP38	3/8"
AK-PP12	1/2"

Male Thread, Metric

0447	Thread
AK-MM08	M8 x 1.0
AK-MM10	M10 x 1.0
AK-MM12	M12 x 1.5
AK-MM14	M14 x 1.5
AK-MM16	M16 x 1.5
AK-MM18	M18 x 1.5
AK-MM20	M20 x 1.5
AK-MM22	M22 x 1.5
AK-MM24	M24 x 1.5

Male Thread, NPT

0447	Thread
AK-NN18	1/8"
AK-NN14	1/4"
AK-NN38	3/8"
AK-NN12	1/2"

Caps



Female Thread, BSPP

0447	Thread
VCAP10	1/8"
VCAP13	1/4"
VCAP17	3/8"
VCAP21	1/2"
VCAP26	3/4"
VCAP33	1"
VCAP42	1.1/4"
VCAP48	1.1/2"

Air Vents



Male Thread, BSPP

1000	Thread
AK-VV18	1/8"
AK-VV14	1/4"
AK-VV12	1/2"

NICKEL PLATED BRASS ADAPTORS



Temperature: +300 °C

Maximum Working Pressure
 1/8" - 150 bar 1/4" - 100 bar 3/8" - 75 bar 1/2" - 50 bar 3/4" - 85 bar 1" - 80 bar

Equal Male Adaptors



Male Thread, BSPT

0422	Thread
DN10/10K	1/8"
DN13/13K	1/4"
DN17/17K	3/8"
DN21/21K	1/2"
DN26/26K	3/4"
DN33/33K	1"
DN42/42K	1.1/4"
DN50/50K	1.1/2"

Tech Sheet 1620



Male Thread, Metric & BSPP

0422	Thread
DN05/05	M5
DN10/10	1/8"
DN13/13	1/4"
DN17/17	3/8"
DN21/21	1/2"
DN26/26	3/4"
DN33/33	1"
DN42/42	1.1/4"
DN50/50	1.1/2"
DN55/55	2"

Tech Sheet 1620

Unequal Male Adaptors



Male Thread, BSPT

0422	Thread	Thread
DN10/13K	1/8"	1/4"
DN10/17K	1/8"	3/8"
DN10/21K	1/8"	1/2"
DN13/17K	1/4"	3/8"
DN13/21K	1/4"	1/2"
DN17/21K	3/8"	1/2"
DN21/26K	1/2"	3/4"
DN26/33K	3/4"	1"
DN33/42K	1"	1.1/4"
DN42/50K	1.1/4"	1.1/2"
DN50/55K	1.1/2"	2"

Tech Sheet 1622



Male Thread, Metric & BSPP

0422	Thread	Thread
DN05/10	M5	1/8"
DN10/13	1/8"	1/4"
DN10/17	1/8"	3/8"
DN13/17	1/4"	3/8"
DN13/21	1/4"	1/2"
DN17/21	3/8"	1/2"
DN21/26	1/2"	3/4"
DN26/33	3/4"	1"
DN33/42	1"	1.1/4"
DN42/50	1.1/4"	1.1/2"
DN50/55	1.1/2"	2"

Tech Sheet 1622

Male x Female Adaptors



Male Thread, BSPT x Female Thread, BSPP

0422	Male Thread	Female Thread
RL10/10K	1/8"	1/8"
RL10/13K	1/8"	1/4"
RL10/17K	1/8"	3/8"
RL13/13K	1/4"	1/4"
RL13/17K	1/4"	3/8"
RL13/21K	1/4"	1/2"
RL17/17K	3/8"	3/8"
RL17/21K	3/8"	1/2"
RL17/26K	3/8"	3/4"
RL21/21K	1/2"	1/2"
RL21/26K	1/2"	3/4"
RL21/33K	1/2"	1"
RL26/26K	3/4"	3/4"
RL26/33K	3/4"	1"
RL33/33K	1"	1"

Tech Sheet 10704



Male Thread, BSPP x Female Thread, Metric & BSPP

0422	Male Thread	Female Thread
RL05/05	M5	M5
RL05/10	M5	1/8"
RL10/10	1/8"	1/8"
RL10/13	1/8"	1/4"
RL10/17	1/8"	3/8"
RL13/13	1/4"	1/4"
RL13/17	1/4"	3/8"
RL13/21	1/4"	1/2"
RL17/17	3/8"	3/8"
RL17/21	3/8"	1/2"
RL17/26	3/8"	3/4"
RL21/21	1/2"	1/2"
RL21/26	1/2"	3/4"
RL21/33	1/2"	1"
RL26/26	3/4"	3/4"
RL26/33	3/4"	1"
RL33/33	1"	1"

Tech Sheet 10704



Extension, Male Thread, BSPP x Female Thread, BSPP

0422	Thread	Length mm
RL05/05X	M5	18.5
RL10/10X	1/8"	22
RL10/10Y	1/8"	42
RL13/13X	1/4"	35
RL13/13Y	1/4"	51
RL17/17X	3/8"	41
RL21/21X	1/2"	35
RL26/26X	3/4"	50
RL33/33X	1"	50

Tech Sheet 10704

X = Standard Length (as photo), Y = Extended Length

Male Thread, NPTF x Female Thread, BSPP

0422	Thread
RL10/10KN	1/8"
RL13/13KN	1/4"
RL17/17KN	3/8"

Tech Sheet 10704

Male Thread, BSPP x Female Thread, NPTF

0422	Thread
RL10/10N	1/8"
RL13/13N	1/4"
RL17/17N	3/8"
RL21/21N	1/2"

Tech Sheet 10704



You might also need
Hose & Tubing
 see Section 12

Equal Swivel Connectors

**Male Thread, BSPT x
Female Thread, BSPP**



0422	Thread
2110-18	1/8"
2110-14	1/4"
2110-38	3/8"

Tech Sheet 10704

**Male Thread, BSPP x
Female Thread, BSPP**



0422	Thread
2115-18	1/8"
2115-14	1/4"
2115-38	3/8"

Tech Sheet 10704

Note:
Un-plated only.

**Male Thread, BSPT x
Female Thread, BSPP**



0422	Thread
SF10	1/8"
SF13	1/4"
SF17	3/8"
SF21	1/2"

Tech Sheet 10704

Equal Bulkhead Connectors

**Female Thread,
Metric & BSPP x Male Thread, Metric**



0422	Female Thread	Male Thread
3060-M5	M5	M10 x 1
3060-1/8	1/8"	M16 x 1.5
3060-1/4	1/4"	M20 x 1.5
3060-3/8	3/8"	M26 x 1.5
3060-1/2	1/2"	M28 x 1.5
3060-3/4	3/4"	M33 x 1.5
3060-1	1"	M42 x 1.5

Tech Sheet 10702

Equal Sockets

**Female Thread,
Metric & BSPP**



0422	Thread
MU05	M5
MU10	1/8"
MU13	1/4"
MU17	3/8"
MU21	1/2"
MU26	3/4"
MU33	1"

Tech Sheet 1621

Unequal Sockets

**Female Thread,
Metric & BSPP**



0422	Thread	Thread
MU05/10	M5	1/8"
MU10/13	1/8"	1/4"
MU10/17	1/8"	3/8"
MU10/21	1/8"	1/2"
MU13/17	1/4"	3/8"
MU13/21	1/4"	1/2"
MU17/21	3/8"	1/2"
MU17/26	3/8"	3/4"
MU21/26	1/2"	3/4"
MU21/33	1/2"	1"
MU26/33	3/4"	1"

Tech Sheet 1621

Reducing Bushes

**Male Thread, BSPP x
Female Thread, Metric & BSPP**



0422	Male Thread	Female Thread
RK05/10	1/8"	M5
RK05/13	1/4"	M5
RK10/13	1/4"	1/8"
RK10/17	3/8"	1/8"
RK10/21	1/2"	1/8"
RK13/17	3/8"	1/4"
RK13/21	1/2"	1/4"
RK13/26	3/4"	1/4"
RK17/21	1/2"	3/8"
RK17/26	3/4"	3/8"
RK17/33	1"	3/8"
RK21/26	3/4"	1/2"
RK21/33	1"	1/2"
RK26/33	1"	3/4"
RK33/42	1.1/4"	1"
RK42/50	1.1/2"	1.1/4"
RK42/55	2"	1.1/4"
RK50/55	2"	1.1/2"

Tech Sheet 1623

**Male Thread, BSPT x
Female Thread, BSPP**



0422	Male Thread	Female Thread
RK05/10K	1/8"	M5x0.8
RK10/13K	1/4"	1/8"
RK10/17K	3/8"	1/8"
RK13/17K	3/8"	1/4"
RK10/21K	1/2"	1/8"
RK13/21K	1/2"	1/4"
RK17/21K	1/2"	3/8"
RK13/26K	3/4"	1/4"
RK17/26K	3/4"	3/8"
RK21/26K	3/4"	1/2"
RK13/33K	1"	1/4"
RK17/33K	1"	3/8"
RK21/33K	1"	1/2"
RK26/33K	1"	3/4"
RK21/42K	1.1/4"	1/2"
RK26/42K	1.1/4"	3/4"
RK33/42K	1.1/4"	1"
RK33/50K	1.1/2"	1"
RK33/55K	2"	1"
RK42/55K	2"	1.1/4"
RK50/55K	2"	1.1/2"

Tech Sheet 1623

Note:
*Un-plated only.

**Male Thread, BSPP x
Female Thread, Metric & BSPP**



0422	Male Thread	Female Thread
2095-13/10	1/4"	1/8"
2095-17/10	3/8"	1/8"
2095-17/13	3/8"	1/4"
2095-21/13	1/2"	1/4"
2095-21/17	1/2"	3/8"
2095-26/21	3/4"	1/2"
2095-33/21	1"	1/2"
2095-33/26	1"	3/4"

Tech Sheet 1623

Equal Elbows



Female Thread, Metric & BSPP

0422	Thread
WIM5	M5
WI10	1/8"
WI13	1/4"
WI17	3/8"
WI21	1/2"
WI26	3/4"
WI33	1"

Tech Sheet 1093



Male Thread, Metric & BSPT x Female Thread, Metric & BSPP

0422	Thread
WSLM5	M5
WSL10	1/8"
WSL13	1/4"
WSL17	3/8"
WSL21	1/2"
WSL26	3/4"
WSL33	1"

Tech Sheet 1093



Male Thread, Metric & BSPT

0422	Thread
WAM5	M5
WA10	1/8"
WA13	1/4"
WA17	3/8"
WA21	1/2"
WA26	3/4"
WA33	1"

Tech Sheet 1093

Equal Tees



Offset Male Thread, BSPT x Female Thread, BSPP

0422	Thread
TD10	1/8"
TD13	1/4"
TD17	3/8"
TD21	1/2"
TD26	3/4"
TD33	1"

Tech Sheet 1094



Branch Female Thread, Metric & BSPP x Male Thread, Metric & BSPT

0422	Thread
TCM5	M5
TC10	1/8"
TC13	1/4"
TC17	3/8"
TC21	1/2"
TC26	3/4"
TC33	1"

Tech Sheet 1094



Male Thread, BSPT

0422	Thread
TA10	1/8"
TA13	1/4"
TA17	3/8"
TA21	1/2"
TA26	3/4"
TA33	1"

Tech Sheet 1094



Female Thread, Metric & BSPP

0422	Thread
TIM5	M5
TI10	1/8"
TI13	1/4"
TI17	3/8"
TI21	1/2"
TI26	3/4"
TI33	1"

Tech Sheet 1094



Branch Male Thread, Metric & BSPT x Female Thread, Metric & BSPP

0422	Thread
TKL05	M5
TKL10	1/8"
TKL13	1/4"
TKL17	3/8"
TKL21	1/2"
TKL26	3/4"
TKL33	1"

Tech Sheet 1094



Offset Female Thread, Metric & BSPP x Male Thread, Metric & BSPT

0422	Thread
TB05	M5
TB10	1/8"
TB13	1/4"
TB17	3/8"
TB21	1/2"
TB26	3/4"
TB33	1"

Tech Sheet 1094

NICKEL PLATED BRASS ADAPTORS



Equal Block Elbows



**Male Thread,
BSPP x Female Thread, BSPP**

0422	Thread
6070-1/8	1/8"
6070-1/4	1/4"

Equal Block Tees



**Male Thread,
BSPP x Female Thread, BSPP**

0422	Thread
6080-1/8	1/8"
6080-1/4	1/4"

90° Wall Bracket Fitting



Female Thread, BSPP

0422	Thread
5050-1/2	1/2"

Tech Sheet 10703

Equal Crosses



**Male Thread
BSPT x Female Thread, BSPP**

0422	Thread
FD10	1/8"
FD13	1/4"
FD17	3/8"
FD21	1/2"

Tech Sheet 1095



Male Thread, BSPT

0422	Thread
FE10	1/8"
FE13	1/4"
FE17	3/8"
FE21	1/2"

Tech Sheet 1095



Female Thread, BSPP

0422	Thread
FC10	1/8"
FC13	1/4"
FC17	3/8"
FC21	1/2"

Tech Sheet 1095

Equal Y Connectors



Female Thread, BSPP

0422	Thread
Z0-10	1/8"
Z0-13	1/4"
Z0-17	3/8"
Z0-21	1/2"

Tech Sheet 1096



**Male Thread,
BSPT x Female Thread, BSPP**

0422	Male Thread
X0-10	1/8"
X0-13	1/4"
X0-17	3/8"
X0-21	1/2"

Tech Sheet 1096

Triple Outlet



Female Thread, BSPP

0422	Thread
T006NP	3/8"



For Malleable Iron Fittings
...see pages 1178-1380



For Malleable Iron Accessories
...see pages 1184-1385

Blanking Plugs



Male Thread, BSPT

0422	Thread
VZ10K	1/8"
VZ13K	1/4"
VZ17K	3/8"
VZ21K	1/2"
VZ26K	3/4"
VZ33K	1"



Male Thread, Metric & BSPP

0422	Thread
VZ05	M5
VZ10	1/8"
VZ13	1/4"
VZ17	3/8"
VZ21	1/2"
VZ26	3/4"
VZ33	1"

Tech Sheet 10704

Blanking Caps



Female Thread, BSPP

0422	Thread
VK10	1/8"
VK13	1/4"
VK17	3/8"
VK21	1/2"
VK26	3/4"
VK33	1"

Tech Sheet 10700

Nitrile O-Ring Seal & Hexagon Recess, Male Thread, Metric & BSPP



0422	Thread
ZV-05	M5
ZV-10	1/8"
ZV-13	1/4"
ZV-17	3/8"
ZV-21	1/2"
ZV-26	3/4"
ZV-33	1"

Tech Sheet 10704



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

0422	Thread
ZV-05FKM	M5
ZV-10FKM	1/8"
ZV-13FKM	1/4"
ZV-17FKM	3/8"
ZV-21FKM	1/2"

Lock Nuts



Female Thread, BSPP

0422	Thread
KM10WN	1/8"
KM13WN	1/4"
KM17WN	3/8"
KM21WN	1/2"
KM26WN	3/4"

Tech Sheet 10702

Allen Key Plugs



Male Thread, BSPT

0422	Thread
3025-1/8	1/8"
3025-1/4	1/4"
3025-3/8	3/8"
3025-1/2	1/2"
3025-3/4	3/4"
3025-1	1"

Tech Sheet 10700



Male Thread, BSPP

0422	Thread
3026-1/8	1/8"
3026-1/4	1/4"
3026-3/8	3/8"
3026-1/2	1/2"
3026-3/4	3/4"

Tech Sheet 10700

Equal Socket



Female Thread, BSPP

0447	Thread
FFA02/02NP	1/8"
FFA04/04NP	1/4"
FFA06/06NP	3/8"
FFA08/08NP	1/2"
FFA12/12NP	3/4"
FFA16/16NP	1"

Unequal Reducing Sockets



Female Thread, BSPP

0447	Thread	Thread
FFR04/02NP	1/4"	1/8"
FFR06/04NP	3/8"	1/4"
FFR08/04NP	1/2"	1/4"
FFR08/06NP	1/2"	3/8"
FFR12/04NP	3/4"	1/4"
FFR12/06NP	3/4"	3/8"
FFR12/08NP	3/4"	1/2"
FFR16/08NP	1"	1/2"
FFR16/12NP	1"	3/4"

Caps



Female Thread, Metric

0447	Thread
CAP04NP	1/4"
CAP06NP	3/8"
CAP08NP	1/2"
CAP16NP	1"



For Reusable Hydraulic Fittings
... see page 41

Hexagonal Plugs



Male Thread, BSPT

0447	Thread
PBT02SNP	1/8"
PBT04SNP	1/4"
PBT06SNP	3/8"



Male Thread, BSPP

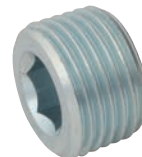
0447	Thread
PBP02SNP	1/8"
PBP06SNP	3/8"
PBP08SNP	1/2"

Allen Key Plugs



Male Thread, NPT

0447	Thread
AKN02NP	1/8"
AKN04NP	1/4"
AKN06NP	3/8"
AKN08NP	1/2"



Steel, Male Thread, BSPT

0447	Thread
SAK02	1/8"
SAK04	1/4"
SAK06	3/8"
SAK08	1/2"

Lock Nuts



Female Thread, Metric

0447	Thread
LNM15NP	M15 x 1.0
LNM20NP	M20 x 1.5
LNM24NP	M24 x 1.5
LNM26NP	M26 x 1.5
LNM28NP	M28 x 1.5



Female Thread, BSPP

0447	Thread
LN02NP	1/8"
LN04NP	1/4"
LN06NP	3/8"
LN08NP	1/2"
LN12NP	3/4"
LN16NP	1"

Reducing Bush



Male x Female, BSPP

1050	Male Thread	Female Thread
PRB34-12	3/4"	1/2"
PRB1-12	1"	1/2"
PRB1-34	1"	3/4"
PRB114-12	1.1/4"	1/2"
PRB114-34	1.1/4"	3/4"
PRB114-1	1.1/4"	1"
PRB112-34	1.1/2"	3/4"
PRB112-1	1.1/2"	1"
PRB112-114	1.1/2"	1.1/4"
PRB2-34	2"	3/4"
PRB2-1	2"	1"
PRB2-114	2"	1.1/4"
PRB2-112	2"	1.1/2"
PRB212-2	2.1/2"	2"
PRB3-2	3"	2"
PRB3-212	3"	2.1/2"

Tech Sheet 10640

Male x Female Reducer



Male x Female, BSPP

1050	Male Thread	Female Thread
PRE12-38	1/2"	3/8"
PRE34-12	3/4"	1/2"
PRE1-12	1"	1/2"
PRE1-34	1"	3/4"
PRE114-1	1.1/4"	1"
PRE112-114	1.1/2"	1.1/4"
PRE2-112	2"	1.1/2"

Tech Sheet 10640

Reducing Nipple



Male, BSPP

1050	Thread	Thread
PRN34-12	3/4"	1/2"
PRN1-34	1"	3/4"
PRN114-1	1.1/4"	1"
PRN112-114	1.1/2"	1.1/4"
PRN2-112	2"	1.1/2"
PRN212-2	2.1/2"	2"

Tech Sheet 10640

Nipple



Male, BSPP

1050	Thread
PEN12-12	1/2"
PEN34-34	3/4"
PEN1-1	1"
PEN114-114	1.1/4"
PEN112-112	1.1/2"
PEN2-2	2"
PEN3-3	3"

Tech Sheet 10640

Plug



Male, BSPP

1050	Thread
PTP12	1/2"
PTP34	3/4"
PTP1	1"
PTP114	1.1/4"
PTP112	1.1/2"
PTP2	2"
PTP212	2.1/2"

Tech Sheet 10640

Reducing Socket



Female, BSPP

1050	Thread	Thread
PRS34-12	3/4"	1/2"
PRS1-34	1"	3/4"
PRS114-1	1.1/4"	1"
PRS112-114	1.1/2"	1.1/4"
PRS2-112	2"	1.1/2"

Tech Sheet 10640

Socket



Female, BSPP

1050	Thread
PES12-12	1/2"
PES34-34	3/4"
PES1-1	1"
PES114-114	1.1/4"
PES112-112	1.1/2"
PES2-2	2"
PES3-3	3"

Tech Sheet 10640

Cap



Female, BSPP

1050	Thread
PTC12	1/2"
PTC34	3/4"
PTC1	1"
PTC114	1.1/4"
PTC112	1.1/2"
PTC2	2"

Tech Sheet 10640

NYLON ADAPTORS



Nylon 6-6

° Temperature:
-20 to 110°C

Working Pressure:
Up to 14 bar (200 psi) at 20°C

Fittings Dimensions: refer to tube ID or OD,
with respect to the common application

Unequal Nipple



BSPT

0497	Thread	Thread
PN1-14-18	1/4"	1/8"
PN1-38-14	3/8"	1/4"
PN1-12-14	1/2"	1/4"
PN1-12-38	1/2"	3/8"

Equal Nipple



BSPT

0497	Thread
PN2-18	1/8"
PN2-14	1/4"
PN2-38	3/8"
PN2-12	1/2"

Reducing Socket



BSPT

0497	Thread A	Thread B
PN6-14-18	1/8"	1/4"
PN6-38-18	1/8"	3/8"
PN6-38-14	1/4"	3/8"
PN6-12-14	1/4"	1/2"
PN6-34-14	1/4"	3/4"
PN6-12-38	3/8"	1/2"

Female Socket



BSPT

0497	Thread
PN5-18	1/8"
PN5-14	1/4"
PN5-38	3/8"
PN5-12	1/2"

Bush



BSPT

0497	Male Thread	Female Thread
PN3-18-14	1/4"	1/8"
PN3-18-12	1/2"	1/8"
PN3-14-18	1/8"	1/4"
PN3-14-14	1/4"	1/4"
PN3-14-38	3/8"	1/4"
PN3-38-18	1/8"	3/8"
PN3-38-14	1/4"	3/8"
PN3-38-38	3/8"	3/8"
PN3-38-12	1/2"	3/8"
PN3-12-14	1/4"	1/2"
PN3-12-38	3/8"	1/2"
PN3-12-12	1/2"	1/2"

Reducing Bush



BSPT

0497	Male Thread	Female Thread
PN4-14-18	1/4"	1/8"
PN4-38-18	3/8"	1/8"
PN4-38-14	3/8"	1/4"
PN4-12-14	1/2"	1/4"
PN4-12-38	1/2"	3/8"
PN4-34-14	3/4"	1/4"
PN4-34-38	3/4"	3/8"
PN4-34-12	3/4"	1/2"

Equal Elbow



BSPT

0497	Thread
PN10-18	1/8"
PN10-14	1/4"
PN10-38	3/8"
PN10-12	1/2"

Reducing Elbow



BSPT

0497	Thread	Thread
PN11-14-18	1/4"	1/8"
PN11-38-14	3/8"	1/4"

Equal Tee



BSPT

0497	Thread
PN7-14	1/4"
PN7-38	3/8"
PN7-12	1/2"

PVDF ADAPTORS



Food Contact
FDA 21 CFR



Food Contact
(EU) 1935/2004



NSF/ANSI 61



Fittings made of PVDF function better than nylon when exposed to a wide range of temperatures and high corrosive chemicals.

This enables them to be used in industries such as chemical processing due to their excellent chemical resistance properties.

Working Temperature:
-20°C to +120°C

Maximum Working Pressure:
14 bar at 20°C

Equal Nipple



BSPT

0472	Thread
PV2-18	1/8"
PV2-14	1/4"
PV2-38	3/8"
PV2-12	1/2"

Tech Sheet 60237

Unequal Nipple



BSPT

0472	Thread	Thread
PV1-14-18	1/4"	1/8"
PV1-38-14	3/8"	1/4"
PV1-12-14	1/2"	1/4"
PV1-12-38	1/2"	3/8"

Tech Sheet 60237

Female Socket



BSPT

0472	Thread
PV5-18	1/8"
PV5-14	1/4"
PV5-38	3/8"
PV5-12	1/2"

Tech Sheet 60237

Reducing Socket



BSPT

0472	Thread	Thread
PV6-14-18	1/4"	1/8"
PV6-38-14	3/8"	1/4"
PV6-12-14	1/2"	1/4"

Tech Sheet 60237

Reducing Bush



BSPT

0472	Male Thread	Female Thread
PV4-14-18	1/4"	1/8"
PV4-38-18	3/8"	1/8"
PV4-38-14	3/8"	1/4"
PV4-12-18	1/2"	1/8"
PV4-12-14	1/2"	1/4"
PV4-12-38	1/2"	3/8"

Tech Sheet 60237

Bush



BSPT

0472	Male Thread	Female Thread
PV3-18-38	1/8"	3/8"
PV3-14-18	1/4"	1/8"
PV3-14-14	1/4"	1/4"
PV3-14-38	1/4"	3/8"
PV3-38-18	3/8"	1/8"
PV3-38-14	3/8"	1/4"
PV3-38-12	3/8"	1/2"
PV3-12-14	1/2"	1/4"

Tech Sheet 60237

Equal Elbow



BSPT

0472	Thread
PV10-38	3/8"
PV10-12	1/2"

Tech Sheet 60237

Equal Tee



BSPT

0472	Thread
PV7-18	1/8"
PV7-14	1/4"

Tech Sheet 60237

Blanking Plug



BSPT

0472	Thread
PV12-18	1/8"
PV12-14	1/4"
PV12-38	3/8"
PV12-12	1/2"

Tech Sheet 60237

Blanking Cap



BSPT

0472	Thread
PV13-14	1/4"
PV13-38	3/8"
PV13-12	1/2"

Tech Sheet 60237



Working Temperature:
0°C to +180°C



Maximum Working Pressure:
206 bar

Pressure and temperature ratings according to ASME B16.11

Available up to 4"

90° Equal Elbow



Female Thread, NPT

0506	Thread
1013-0003	1/2"
1013-0005	1"
1013-0008	2"

Tech Sheet 68800

Equal Tee



Female Thread, NPT

0506	Thread
1013-0009	1/4"
1013-0011	1/2"
1013-0013	1"
1013-0016	2"

Tech Sheet 68800

Equal Hexagon Nipple



Male Thread, NPT

0506	Thread
1013-0025	1/4"
1013-0027	1/2"
1013-0028	3/4"
1013-0029	1"
1013-0030	1.1/4"
1013-0032	2"

Tech Sheet 68800

Equal Union



Female Thread, NPT

0506	Thread
1013-0034	3/8"
1013-0035	1/2"
1013-0038	1.1/4"
1013-0039	1.1/2"
1013-0040	2"

Tech Sheet 68800

Hexagon Plug



Male Thread, NPT

0506	Thread
1013-0041	1/4"
1013-0042	3/8"
1013-0043	1/2"
1013-0044	3/4"
1013-0048	2"

Tech Sheet 68800

Equal Coupling



Female Thread, NPT

0506	Thread
1013-0050	3/8"
1013-0051	1/2"
1013-0052	3/4"
1013-0053	1"
1013-0054	1.1/4"
1013-0056	2"

Tech Sheet 68800



For **Flanges & Gaskets**
see pages **1386-1390**

150lb 316 STAINLESS STEEL PIPE FITTINGS



stainless steel



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

Working Temperature:
-20°C to +260°C

Working Pressure:
20 bar

Equal Cross



Female Thread, BSPP

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

Tech Sheet 1800

Equal Tee



Female Thread, BSPP

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

Tech Sheet 1799

Straight Hose Tails



Male Thread, BSPT

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

Tech Sheet 1795



Female Fixed Thread, BSPP

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

Tech Sheet 2077

Equal Hose Joiner



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

Tech Sheet 20778



Swivel Female Thread, 60° Coned Seat, BSPP

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

Tech Sheet 20779

Barrel Nipple



Male Thread, BSPT

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

Tech Sheet 1803



For Stainless Steel 304 & 316 see section 10 page 1225

Many of our products are produced in stainless steel (304 or 316) so if that is your focus and to simplify product selection, we have all our products regardless of type or application grouped in **section 10** (coded yellow) of our catalogue.

Food safety starts with rigorous hygiene and nickel-containing stainless steels are the superior, reliable standard at every link of the food and industry supply chain. Though it may not be inherently antimicrobial, stainless steel, particularly 304 or 316 stainless steels, are one of the best materials to use in a food and beverage processing environment.

Industries

- Food
- Brewing
- Transport
- Pharmaceuticals
- Chemicals

Stainless steel is commonly used in the food industry because of its non-toxicity and ease of cleaning. This material does not react chemically with other substances and can be cleaned with high temperatures. In the process of disinfection, we can also use most of the available detergents. Stainless steel is not absorbent and after rinsing its surface with water, you can freely use it for food processing. This material is extremely durable and does not require regular and expensive maintenance. Although stainless steel can be slightly more expensive than other raw materials, it is an excellent compromise between the interests of the consumer and manufacturer.

150lb 316 STAINLESS STEEL PIPE FITTINGS

stainless
steel



Close Nipple



Male Thread, BSPP

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

Tech Sheet 1801

Female Reducing Socket



Female Thread, BSPP

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

Tech Sheet 1802

45° Equal Elbow



Female Thread, BSPP

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

Tech Sheet 1796

45° Equal Bracket Elbow



Female Thread, BSPP

1111	Thread
WEP-12	1/2"

Tech Sheet 1797

90° Equal Elbow



Female Thread, BSPP

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

Tech Sheet 1797

90° Street Elbow



Male Thread, BSPT x Female Thread, BSPP

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

Tech Sheet 1798

Equal Nipple



Male Thread, BSPT

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

Tech Sheet 1804

Male Thread, NPT

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

Tech Sheet 1804



150lb 316 STAINLESS STEEL PIPE FITTINGS

stainless steel



Hexagon Blanking Cap



Female Thread, BSPP

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

Tech Sheet 1805

Blanking Plug



Male Thread, BSPT

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

Tech Sheet 1806

Male Thread, NPT

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

Tech Sheet 1808

Female Union



Female Thread, BSPP (2 Piece)

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

Tech Sheet 1807

Male/Female Union



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

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

Tech Sheet 1808

Lock Nut



Female Thread, BSPP

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

Tech Sheet 1809

Reducing Bush



Male Thread, BSPT x Female Thread, BSPP

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

Tech Sheet 1810

Male Thread, NPTF x Female Thread, NPTF

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



150lb 316 STAINLESS STEEL PIPE FITTINGS

stainless
steel



9.03 Adaptors

Reducing Nipple



Male Thread, BSPT

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

Tech Sheet 1811

Welding Nipple



Male Thread, BSPT

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

Tech Sheet 1813

Square Head Plug



Male Thread, BSPT

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

Tech Sheet 1814

Round Blanking Cap



Female Thread, BSPP

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

Tech Sheet 1812

Threaded Half Socket



Female Thread, BSPP

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

Tech Sheet 1816

Threaded Full Socket



Female Thread, BSPP

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

Tech Sheet 1815

Female Thread, NPT

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

316 Stainless Steel Tube

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

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



3 Metre Lengths, Random

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

Tech Sheet 831



Hose Tails, Adaptors, Fittings & Manifolds

1185

3000lb 316 STAINLESS STEEL PIPE FITTINGS



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

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

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

Maximum Working Pressure:
207 bar

90° Equal Female Elbow



NPT

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

Tech Sheet 20506

BSPT

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

Tech Sheet 20494

90° Equal Male/ Female Street Elbow



NPT

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

Tech Sheet 20515

45° Equal Female Elbow



NPT

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

Tech Sheet 20505

Socket Weld

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

Tech Sheet 20520

Equal Tee



NPT

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

Tech Sheet 20516

BSPT

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

Tech Sheet 20495

Socket Weld

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

Tech Sheet 20526

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

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

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

 **Maximum Working Pressure:**
207 bar

Equal Cross



NPT

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

Tech Sheet 20504



Socket Weld

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

Tech Sheet 20519

Male / Female Union



NPT

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

Tech Sheet 20518

Female Union



NPT

0434	Thread
1012-0097	1/4"
1012-0098	3/8"
1012-0099	1/2"
1012-0100	3/4"
1012-0101	1"
1012-0102	1.1/4"
1012-0103	1.1/2"
1012-0104	2"

Tech Sheet 20517

BSPT

0434	Thread
1012-0106	3/8"
1012-0107	1/2"
1012-0108	3/4"
1012-0109	1"
1012-0110	1.1/4"
1012-0111	1.1/2"
1012-0112	2"

Tech Sheet 20500



Socket Weld

0434	NB
1012-0113	1/4"
1012-0114	3/8"
1012-0115	1/2"
1012-0116	3/4"
1012-0117	1"
1012-0118	1.1/4"
1012-0119	1.1/2"
1012-0120	2"

Tech Sheet 20527

Male Hex Nipple



NPT

0434	Thread
1012-0121	1/4"
1012-0122	3/8"
1012-0123	1/2"
1012-0124	3/4"
1012-0125	1"
1012-0126	1.1/4"
1012-0127	1.1/2"
1012-0128	2"

Tech Sheet 20509

BSPT

0434	Thread
1012-0129	1/4"
1012-0130	3/8"
1012-0131	1/2"
1012-0132	3/4"
1012-0133	1"
1012-0134	1.1/4"
1012-0135	1.1/2"
1012-0136	2"

Tech Sheet 20498

Male Barrel Nipple



NPT

0434	Thread	Length mm
1012-0137	1/4"	30
1012-0138	3/8"	40
1012-0139	1/2"	60
1012-0140	3/4"	60
1012-0141	1"	60
1012-0142	1.1/4"	80
1012-0143	1.1/2"	80
1012-0144	2"	100

Tech Sheet 20503

3000lb 316 STAINLESS STEEL PIPE FITTINGS



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

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

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

Maximum Working Pressure:
207 bar

Male Hex Reducing Nipple



BSPT

0434	Thread	Thread
1012-0166	1/4"	1/8"
1012-0167	3/8"	1/8"
1012-0168	1/2"	1/4"
1012-0169	1/2"	3/8"
1012-0170	3/4"	3/8"
1012-0171	3/4"	1/2"
1012-0172	1"	1/2"
1012-0173	1"	3/4"
1012-0174	1.1/4"	3/4"
1012-0175	1.1/4"	1"
1012-0176	1.1/2"	1"
1012-0177	1.1/2"	1.1/4"
1012-0178	2"	1"
1012-0179	2"	1.1/4"
1012-0180	2"	1.1/2"

Tech Sheet 20499

NPT

0434	Thread	Thread
1012-0145	1/4"	1/8"
1012-0146	3/8"	1/8"
1012-0147	3/8"	1/4"
1012-0148	1/2"	1/8"
1012-0149	1/2"	1/4"
1012-0150	1/2"	3/8"
1012-0151	3/4"	1/4"
1012-0152	3/4"	3/8"
1012-0153	3/4"	1/2"
1012-0154	1"	3/8"
1012-0155	1"	1/2"
1012-0156	1"	3/4"
1012-0157	1.1/4"	1/2"
1012-0158	1.1/4"	3/4"
1012-0159	1.1/4"	1"
1012-0160	1.1/2"	3/4"
1012-0161	1.1/2"	1"
1012-0162	1.1/2"	1.1/4"
1012-0163	2"	1"
1012-0164	2"	1.1/4"
1012-0165	2"	1.1/2"

Tech Sheet 20513

Full Coupling



NPT

0434	Thread
1012-0181	1/4"
1012-0182	3/8"
1012-0183	1/2"
1012-0184	3/4"
1012-0185	1"
1012-0186	1.1/4"
1012-0187	1.1/2"
1012-0188	2"

Tech Sheet 20507

BSPT

0434	Thread
1012-0189	1/4"
1012-0190	3/8"
1012-0191	1/2"
1012-0192	3/4"
1012-0193	1"
1012-0194	1.1/4"
1012-0195	1.1/2"
1012-0196	2"

Tech Sheet 20496

Socket Weld

0434	NB
1012-0197	1/4"
1012-0198	3/8"
1012-0199	1/2"
1012-0200	3/4"
1012-0201	1"
1012-0202	1.1/4"
1012-0203	1.1/2"
1012-0204	2"

Tech Sheet 20522

Half Coupling



NPT

0434	Thread
1012-0205	1/4"
1012-0206	3/8"
1012-0208	3/4"
1012-0209	1"
1012-0210	1.1/4"
1012-0211	1.1/2"
1012-0212	2"

Tech Sheet 20508

BSPT

0434	Thread
1012-0213	1/4"
1012-0214	3/8"
1012-0215	1/2"
1012-0216	3/4"
1012-0217	1"
1012-0218	1.1/4"
1012-0219	1.1/2"
1012-0220	2"

Tech Sheet 20497

Socket Weld

0434	NB
1012-0221	1/4"
1012-0222	3/8"
1012-0223	1/2"
1012-0224	3/4"
1012-0225	1"
1012-0226	1.1/4"
1012-0228	2"

Tech Sheet 20523

- ASTM A182 316/L stainless steel
- Dimensions to ANSI B16.11/BS3799
- Sizes 1/4" to 2"
- NPT threaded to ANSI B2.1
- BSPT threaded to ISO 7/1
- Pressure/temperature ratings according to BS 3799
- Pressure rating performance will vary depending on temperature.

Working Temperature:
-100°C to +525°C

Maximum Working Pressure:
207 bar

Reducing Coupling



NPT

0434	Thread	Thread
1012-0229	1/4"	1/8"
1012-0231	1/2"	1/4"
1012-0232	1/2"	3/8"
1012-0233	3/4"	3/8"
1012-0234	3/4"	1/2"
1012-0235	1"	1/2"
1012-0236	1"	3/4"
1012-0237	1.1/4"	3/4"
1012-0238	1.1/4"	1"
1012-0239	1.1/2"	1"
1012-0240	1.1/2"	1.1/4"
1012-0241	2"	1"
1012-0242	2"	1.1/4"
1012-0243	2"	1.1/2"

Tech Sheet 20512



Socket Weld

0434	NB	NB
1012-0244	1/4"	1/8"
1012-0245	3/8"	1/4"
1012-0246	1/2"	1/4"
1012-0247	1/2"	3/8"
1012-0248	3/4"	3/8"
1012-0249	3/4"	1/2"
1012-0250	1"	1/2"
1012-0252	1.1/4"	1"
1012-0253	1.1/2"	1"
1012-0254	1.1/2"	1.1/4"
1012-0255	2"	1"
1012-0256	2"	1.1/4"
1012-0257	2"	1.1/2"

Tech Sheet 20524

Reducing Bush



NPT

0434	Thread	Thread
1012-0258	1/4"	1/8"
1012-0259	3/8"	1/8"
1012-0260	3/8"	1/4"
1012-0261	1/2"	1/8"
1012-0262	1/2"	1/4"
1012-0263	1/2"	3/8"
1012-0264	3/4"	1/4"
1012-0265	3/4"	3/8"
1012-0266	3/4"	1/2"
1012-0267	1"	1/4"
1012-0268	1"	3/8"
1012-0269	1"	1/2"
1012-0270	1"	3/4"
1012-0271	1.1/4"	1/2"
1012-0272	1.1/4"	3/4"
1012-0273	1.1/4"	1"
1012-0274	1.1/2"	3/4"
1012-0275	1.1/2"	1"
1012-0276	1.1/2"	1.1/4"
1012-0277	2"	1"
1012-0278	2"	1.1/4"
1012-0279	2"	1.1/2"

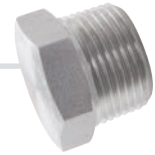
Tech Sheet 20511

BSPT

0434	Thread	Thread
1012-0280	1/4"	1/8"
1012-0281	3/8"	1/8"
1012-0282	3/8"	1/4"
1012-0283	1/2"	1/8"
1012-0284	1/2"	1/4"
1012-0285	1/2"	3/8"
1012-0286	3/4"	1/4"
1012-0287	3/4"	3/8"
1012-0288	3/4"	1/2"
1012-0289	1"	1/4"
1012-0290	1"	3/8"
1012-0291	1"	1/2"
1012-0292	1"	3/4"
1012-0293	1.1/4"	1/2"
1012-0294	1.1/4"	3/4"
1012-0295	1.1/4"	1"
1012-0296	1.1/2"	3/4"
1012-0297	1.1/2"	1"
1012-0298	1.1/2"	1.1/4"
1012-0299	2"	1"
1012-0300	2"	1.1/4"
1012-0301	2"	1.1/2"

Tech Sheet 20502

Hex Head Plug



NPT

0434	Thread
1012-0302	1/4"
1012-0303	3/8"
1012-0304	1/2"
1012-0305	3/4"
1012-0306	1"
1012-0307	1.1/4"
1012-0308	1.1/2"
1012-0309	2"

Tech Sheet 20510

BSPT

0434	Thread
1012-0310	1/4"
1012-0311	3/8"
1012-0312	1/2"
1012-0313	3/4"
1012-0314	1"
1012-0315	1.1/4"
1012-0316	1.1/2"
1012-0317	2"

Tech Sheet 20501

Round Cap



NPT

0434	Thread
1012-0318	1/4"
1012-0319	3/8"
1012-0320	1/2"
1012-0321	3/4"
1012-0322	1"
1012-0323	1.1/4"
1012-0324	1.1/2"
1012-0325	2"

Tech Sheet 20514

Socket Weld

0434	NB
1012-0326	1/4"
1012-0327	3/8"
1012-0328	1/2"
1012-0329	3/4"
1012-0330	1"
1012-0331	1.1/4"
1012-0332	1.1/2"
1012-0333	2"

Tech Sheet 20525

TUBING

316 Stainless Steel Tube

3 metre lengths next day.

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

For full details please contact our Business Development Team.

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



Seamless ASTM A269, Metric, 6 Metre Lengths

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

Tech Sheet 831

Seamless ASTM A269, Metric, 3 Metre Lengths, Random

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

Tech Sheet 831

Seamless ASTM A269, Imperial, 3 Metre Lengths, Random

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

Tech Sheet 831

Seamless ASTM A269, Imperial, 6 Metre Lengths, Random

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

Tech Sheet 831



You might also need...
Stainless Steel Fittings
 see pages 166-178

Elbows



90° Bends, Long

0706	OD
BSL2S-316-1	1"
BSL2S-316-1.5	1.1/2"
BSL2S-316-2	2"
BSL2S-316-2.5	2.1/2"
BSL2S-316-3	3"
BSL2S-316-4	4"

Tech Sheet 68082



90° Bends, Short

0706	OD
BS2WCL-316-1	1"
BS2WCL-316-1.5	1.1/2"
BS2WCL-316-2	2"
BS2WCL-316-2.5	2.1/2"
BS2WCL-316-3	3"
BS2WCL-316-4	4"

Tech Sheet 68082



45° Bends, Long

0706	OD
BSL2KS-316-1	1"
BSL2KS-316-1.5	1.1/2"
BSL2KS-316-2	2"
BSL2KS-316-2.5	2.1/2"
BSL2KS-316-3	3"
BSL2KS-316-4	4"

Tech Sheet 68082

Tees



Short Tees

0706	OD
BS7WWW-316-3/4	3/4"
BS7WWW-316-1	1"
BS7WWW-316-1.5	1.1/2"
BS7WWW-316-2	2"
BS7WWW-316-2.5	2.1/2"
BS7WWW-316-3	3"

Tech Sheet 68082



Pulled Tees

0706	OD
BS7WWO-316-1	1"
BS7WWO-316-1.5	1.1/2"
BS7WWO-316-2	2"
BS7WWO-316-2.5	2.1/2"
BS7WWO-316-3	3"
BS7WWO-316-4	4"

Tech Sheet 68082

Reducers



Concentric Reducing Cones

0706	OD A	OD B
BSL31-316-1X0.5	1"	1/2"
BSL31-316-1.5X1	1.1/2"	1"
BSL31-316-2X1	2"	1"
BSL31-316-2X1.5	2"	1.1/2"
BSL31-316-2.5X1	2.1/2"	1"
BSL31-316-2.5X1.5	2.1/2"	1.1/2"
BSL31-316-2.5X2	2.1/2"	2"
BSL31-316-3X2	3"	2"
BSL31-316-3X2.5	3"	2.1/2"
BSL31-316-4X1.5	4"	1.1/2"
BSL31-316-4X2	4"	2"
BSL31-316-4X2.5	4"	2.1/2"
BSL31-316-4X3	4"	3"

Tech Sheet 68082



Eccentric Reducing Cones

0706	OD A	OD B
BSL32-316075X0.5	3/4"	1/2"
BSL32-316-2X1	2"	1"
BSL32-316-2X1.5	2"	1.1/2"
BSL32-316-2.5X2	2.1/2"	2"
BSL32-316-3X2	3"	2"
BSL32-316-3X2.5	3"	2.1/2"
BSL32-316-4X1.5	4"	1.1/2"
BSL32-316-4X2	4"	2"
BSL32-316-4X3	4"	3"

Tech Sheet 68082

IDF Weld Fittings



Hex Nut

0706	Size
BSIDF-13H-1	1"
BSIDF-13H-1.5	1.1/2"
BSIDF-13H-2	2"
BSIDF-13H-2.5	2.1/2"
BSIDF-13H-3	3"

Tech Sheet 68081



Welding Male

0706	Size
BSIDF-15-1	1"
BSIDF-15-1.5	1.1/2"
BSIDF-15-2	2"
BSIDF-15-2.5	2.1/2"
BSIDF-15-3	3"
BSIDF-15-4	4"

Tech Sheet 68081



Welding Liner

0706	Size
BSIDF-14-1	1"
BSIDF-14-1.5	1.1/2"
BSIDF-14-2	2"
BSIDF-14-2.5	2.1/2"
BSIDF-14-3	3"
BSIDF-14-4	4"

Tech Sheet 68081



EPDM Seal

0706	Size
BSIDF-SEAL-1	1"
BSIDF-SEAL-1.5	1.1/2"
BSIDF-SEAL-2	2"
BSIDF-SEAL-2.5	2.1/2"
BSIDF-SEAL-3	3"
BSIDF-SEAL-4	4"

Tech Sheet 68081

RJT Weld Fittings



Hex Nut

0706	Size
BSRJT-13H-1	1"
BSRJT-13H-1.5	1.1/2"
BSRJT-13H-2	2"
BSRJT-13H-2.5	2.1/2"
BSRJT-13H-3	3"
BSRJT-13H-4	4"

Tech Sheet 68081



Welding Male

0706	Size
BSRJT-15-1	1"
BSRJT-15-1.5	1.1/2"
BSRJT-15-2	2"
BSRJT-15-2.5	2.1/2"
BSRJT-15-3	3"
BSRJT-15-4	4"

Tech Sheet 68081



Welding Liner

0706	Size
BSRJT-14-1	1"
BSRJT-14-1.5	1.1/2"
BSRJT-14-2	2"
BSRJT-14-2.5	2.1/2"
BSRJT-14-3	3"
BSRJT-14-4	4"

Tech Sheet 68081



Blanking Nut

0706	Size
BSRJT-13HBN-1	1"
BSRJT-13HBN-1.5	1.1/2"
BSRJT-13HBN-2	2"
BSRJT-13HBN-2.5	2.1/2"
BSRJT-13HBN-3	3"
BSRJT-13HBN-4	4"

Tech Sheet 68081



EPDM Seal

0706	Size
BSRJT-SEAL-1	1"
BSRJT-SEAL-1.5	1.1/2"
BSRJT-SEAL-2	2"
BSRJT-SEAL-2.5	2.1/2"
BSRJT-SEAL-3	3"
BSRJT-SEAL-4	4"

Tech Sheet 68081

RJT Fittings

Most process lines have to be frequently dismantled for cleaning and all ranges of our hygienic fittings are suitable for this purpose. Clamp unions provide a crevice free connection with a rapid break down and assembly, with no tools required. RJT unions are probably the most widely used for frequent break down and cleaning.

IDF unions provide an alternative security and limit unauthorised access. Sizes to suit OD tube.



RJT Spanner

0147	Size
RJT-SPANNER-1.0	1"
RJT-SPANNER-1.5	1.1/2"
RJT-SPANNER-2	2"
RJT-SPANNER-2.5	2.1/2"
RJT-SPANNER-3	3"
RJT-SPANNER-4	4"

Tech Sheet 68081

Hygienic Tube

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



3 Metre Lengths

0214	Size
ODT316L-W-H-1.0	1"
ODT316L-W-H-1.5	1.1/2"
ODT316L-W-H-2	2"
ODT316L-W-H-2.5	2.1/2"
ODT316L-W-H-3	3"
ODT316L-W-H-4	4"

Tech Sheet 68081

Clamp Fittings



Weld Ferrule

0707	Clamp Size
14MMP-0.5	1/2"
14MMP-0.75	3/4"
14MMP-1	1"
14MMP-1.5	1.1/2"
14MMP-2	2"
14MMP-2.5	2.1/2"
14MMP-3	3"
14MMP-4	4"

Tech Sheet 68084



Heavy-duty Single Pin Clamp

0707	Clamp Size
13MHH-2.5	2.1/2"
13MHH-0.5	1/2" - 3/4"
13MHH-1	1" - 1.1/2"
13MHH-2	2"
13MHH-3	3"
13MHH-4	4"

Tech Sheet 68084



End Cap

0707	Clamp Size
16AMP-0.5	1/2" - 3/4"
16AMP-1	1" - 1.1/2"
16AMP-2	2"
16AMP-2.5	2.1/2"
16AMP-3	3"
16AMP-4	4"

Tech Sheet 68084



Heavy-duty Double Pin Clamp

0707	Clamp Size
13MHHM-1	1" - 1.1/2"
13MHHM-2	2"
13MHHM-2.5	2.1/2"
13MHHM-3	3"
13MHHM-4	4"

Tech Sheet 68084



Clamp Joint Seal, EPDM

0707	Clamp Size
HFE03-050	1/2"
HFE03-075	3/4"
HFE03-1	1"
HFE03-1.5	1.1/2"
HFE03-2	2"
HFE03-2.5	2.1/2"
HFE03-3	3"
HFE03-4	4"

Tech Sheet 68084



stainless steel

You might also need...

Hygienic Stainless Steel Butterfly Valves
see page 967



Weld Liner



Stainless Steel

0354	Size
RJTWL1	1"
RJTWL112	1.1/2"
RJTWL2	2"
RJTWL212	2.1/2"
RJTWL3	3"

Tech Sheet 60554

Hose Liner



Stainless Steel

0354	Size
RJTHL1	1"
RJTHL112	1.1/2"
RJTHL2	2"
RJTHL212	2.1/2"
RJTHL3	3"

Tech Sheet 60554

BSPP Adaptor



Stainless Steel

0354	Size	Thread
RJTA1	1"	1"
RJTA112	1.1/2"	1.1/2"
RJTD2	2"	2"
RJTA3	3"	3"

Tech Sheet 60554

Reducing Weld Liner



Stainless Steel

0354	Size
RJTRWL2112	2" to 1.1/2"

Tech Sheet 60554

Hex Nut



Stainless Steel

0354	Size
RJTN1	1"
RJTN112	1.1/2"
RJTN2	2"
RJTN3	3"

Tech Sheet 60554

Seal



0354	Size
RJTS1	1"
RJTS112	1.1/2"
RJTS2	2"
RJTS3	3"

Tech Sheet 60554

Blank Liner



Stainless Steel

0354	Size
RJTBL1	1"
RJTBL112	1.1/2"
RJTBL2	2"
RJTBL212	2.1/2"
RJTBL3	3"

Tech Sheet 60554

Weld Male



Stainless Steel

0354	Size
RJTWM1	1"
RJTWM112	1.1/2"
RJTWM2	2"
RJTWM3	3"

Tech Sheet 60554

Slip-on PN16/3



BS4504: Sect 3.1:1989

1113	Size
SSFSB-12	1/2"
SSFSB-34	3/4"
SSFSB-1	1"
SSFSB-114	1.1/4"
SSFSB-112	1.1/2"
SSFSB-2	2"
SSFSB-3	3"

Tech Sheet 1500

Slip-on 150lb



ANSI B16.5

1113	Size
SSFSA-12	1/2"
SSFSA-1	1"
SSFSA-112	1.1/2"
SSFSA-2	2"

Tech Sheet 1500

Table D



1113	Size
TABLE-D-112	1.1/2"
TABLE-D-4	4"

Tech Sheet 1500

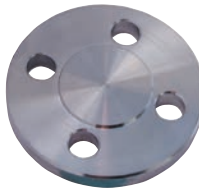
Table E



1113	Size
TABLE-E-1	1"
TABLE-E-112	1.1/2"
TABLE-E-2	2"
TABLE-E-3	3"

Tech Sheet 1500

Blind PN16/8



BS4504: Sect 3.1:1989

1113	Size
SSFBB-12	1/2"
SSFBSB-34	3/4"
SSFBSB-1	1"
SSFBSB-114	1.1/4"
SSFBSB-112	1.1/2"
SSFBB-2	2"
SSFBB-3	3"

Tech Sheet 1500

Blind 150lb



BS4504: Sect 3.1:1989

1113	Size
SSFBA-12	1/2"
SSFBA-34	3/4"
SSFBA-1	1"
SSFBA-2	2"
SSFBA-3	3"

Tech Sheet 1500

Weld Neck 150lb



ANSI B16.5

1113	Size
SSFWA-34	3/4"
SSFWA-2	2"
SSFWA-3	3"

Tech Sheet 1500

Customers who bought from this page also purchased...

FT PRO
Flange Gaskets



...see page 1389

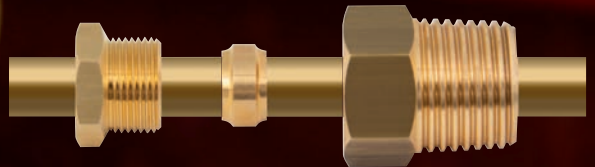
**LEAK
FREE**

Compression Fittings

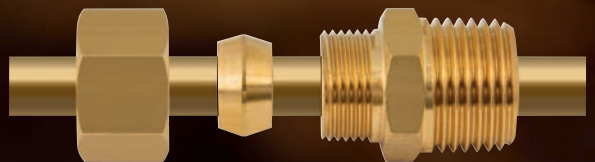
- To be used in conjunction with Nylon, Polyurethane & Metallic tube
- Superior to a Push-in Fitting where there are extremes of Temperature & Pressure

Brand	Fitting Variations	Nut Type	Tube Range	Thread Type	Finish
FT Pro	32	Internal	4-28mm	1/8" - 3/4"	Brass
FT Pro	34	Internal	1/8" - 3/4"	1/8" - 3/4"	Brass
Norgren Enots	26	Internal	4-12mm	1/8" - 3/4"	Brass
Norgren Enots	13	Internal	3/16" - 3/4"	1/8" - 1/2"	Brass
FT Pro	36	External	1/8" - 3/4"	1/8" - 3/4"	Brass
Aignep	18	External	4-22mm	1/8" - 3/4"	Brass
Aignep	12	External	4-18mm	1/8" - 1/2"	Nickel Plated Brass
Metal Work	11	External	4-15mm	1/8" - 1/2"	Nickel Plated Brass

Internal Nut



External Nut



Tubing Nuts



Tubing Nut, Metric

1315	Tube OD mm	Equivalent
TNM04	4	36050002
TNM05	5	36050003
TNM06	6	36050004
TNM08	8	36050005
TNM10	10	36050006
TNM12	12	36050007
TNM15	15	36050015
TNM16	16	36050008
TNM22	22	36050010
TNM28	28	-

Tubing Sleeves



Tubing Sleeve, Metric

1315	Tube OD mm	Equivalent
OMB04	4	36050202
OMB05	5	36050203
OMB06	6	36050204
OMB08	8	36050205
OMB10	10	36050206
OMB12	12	36050207
OMB15	15	36050215
OMB16	16	36050208

Universal Tubing Sleeve, Metric



1315	Tube OD mm	Equivalent
OM04	4	36050102
OM06	6	36050104
OM08	8	36050105
OM10	10	36050106
OM12	12	36050107
OM15	15	36050115
OM16	16	36050108
OM18	18	36050118
OM22	22	36050110
OM28	28	-

Tubing Plugs



Tubing Plug, Metric

1315	Tube OD mm	Equivalent
CMP04	4	36050902
CMP05	5	36050903
CMP06	6	36050904
CMP08	8	36050905
CMP10	10	36050906
CMP12	12	36050907
CMP22	22	36050910

Male Adaptors



Straight Male Adaptor, Metric, BSPT

1315	Tube OD mm	Thread	Equivalent
CM04/02	4	1/8"	36053002
CM04/04	4	1/4"	36053008
CM05/02	5	1/8"	36053003
CM05/04	5	1/4"	36053009
CM06/02	6	1/8"	36053004
CM06/04	6	1/4"	36053010
CM06/06	6	3/8"	36053018
CM08/02	8	1/8"	36053005
CM08/04	8	1/4"	36053011
CM08/06	8	3/8"	36053019
CM08/08	8	1/2"	36053028
CM10/02	10	1/8"	36053006
CM10/04	10	1/4"	36053012
CM10/06	10	3/8"	36053020
CM10/08	10	1/2"	36053029
CM12/04	12	1/4"	36053013
CM12/06	12	3/8"	36053021
CM12/08	12	1/2"	36053030
CM12/12	12	3/4"	36053044
CM15/08	15	1/2"	36053057
CM16/06	16	3/8"	36053022
CM16/08	16	1/2"	36053031
CM16/12	16	3/4"	36053045
CM22/08	22	1/2"	-
CM22/12	22	3/4"	-

Straight Male Adaptor, Metric, BSPP

1315	Tube OD mm	Thread	Equivalent
CMP04/02	4	1/8"	36050402
CMP04/04	4	1/4"	36050408
CMP05/02	5	1/8"	36050403
CMP05/04	5	1/4"	36050409
CMP06/02	6	1/8"	36050404
CMP06/04	6	1/4"	36050410
CMP08/02	8	1/8"	36050405
CMP08/04	8	1/4"	36050411
CMP08/06	8	3/8"	36050419
CMP08/08	8	1/2"	36050428
CMP10/04	10	1/4"	36050412
CMP10/06	10	3/8"	36050420
CMP10/08	10	1/2"	36050429
CMP12/06	12	3/8"	36050421
CMP12/08	12	1/2"	36050430
CMP16/08	16	1/2"	36050431

Female Adaptors



Straight Female Adaptor, Metric, BSPP

1315	Tube OD mm	Thread	Equivalent
CMF04/02	4	1/8"	36050502
CMF05/02	5	1/8"	36050503
CMF05/04	5	1/4"	36050509
CMF06/02	6	1/8"	36050504
CMF06/04	6	1/4"	36050510
CMF08/02	8	1/8"	36050505
CMF08/04	8	1/4"	36050511
CMF08/06	8	3/8"	36050519
CMF10/04	10	1/4"	36050512
CMF10/06	10	3/8"	36050520
CMF12/06	12	3/8"	36050521
CMF12/08	12	1/2"	36050530
CMF16/08	16	1/2"	36050531

Nipple Adaptors



Nipple Adaptor Tube Male, BSPT x Male, Metric

1315	Tube OD mm	Thread	Equivalent
CMA05/02	5	1/8"	36055603
CMA06/02	6	1/8"	36055604
CMA06/04	6	1/4"	36055610
CMA08/04	8	1/4"	36055611
CMA08/06	8	3/8"	36055619
CMA12/08	12	1/2"	36055630

Nipple Adaptor Tube Male, BSP x Female, Metric

1315	Tube OD mm	Female Thread	Equivalent
CMNF04/02	4	1/8"	36055702
CMNF05/02	5	1/8"	36055703
CMNF06/02	6	1/8"	36055704
CMNF06/04	6	1/4"	36055710
CMNF08/04	8	1/4"	36055711
CMNF10/04	10	1/4"	36055712
CMNF12/06	12	3/8"	36055721
CMNF12/08	12	1/2"	36055730

BRASS COMPRESSION FITTINGS, METRIC



Nipple Connectors



Nipple Connector, Metric

1315	Tube OD mm	Equivalent
CMNC05	5	36063203
CMNC06	6	36063204
CMNC08	8	36063205

Reducing Connectors



Reducing Connector, Metric

1315	Tube OD mm Male	Tube OD mm Female	Equivalent
CMMFB05/04	5	4	36051726
CMMFB08/06	8	6	36051747
CMMFB10/06	10	6	36051748
CMMFB10/08	10	8	36051756
CMMFB12/06	12	6	36051749
CMMFB12/08	12	8	36051757
CMMFB12/10	12	10	36051764
CMMFB16/08	16	8	36051758
CMMFB16/12	16	12	36051771

Straight Connectors



Straight Connector, Metric

1315	Tube OD mm	Equivalent
CMS04	4	36050302
CMS05	5	36050303
CMS06	6	36050304
CMS08	8	36050305
CMS10	10	36050306
CMS12	12	36050307
CMS16	16	36050308
CMS22	22	36050310

Bulkhead Connectors



Bulkhead Connector, Metric

1315	Tube OD mm	Male Thread	Equivalent
CMBH04	4	M12 x 1	36050802
CMBH05	5	M15 x 1	36050803
CMBH06	6	M15 x 1	36050804
CMBH08	8	M18 x 1.5	36050805
CMBH10	10	M20 x 1.5	36050806
CMBH12	12	M24 x 1.5	36050807
CMBH16	16	M30 x 1.5	36050808

Locknuts



Locknut NP, Metric

1315	Thread
LNM15NP	M15 x 1.0
LNM20NP	M20 x 1.5
LNM24NP	M24 x 1.5
LNM26NP	M26 x 1.5
LNM28NP	M28 x 1.5

Elbows



Male Elbow Adaptor, Metric, BSPT

1315	Tube OD mm	Male Thread	Equivalent
CMLM04/02	4	1/8"	36000502
CMLM04/04	4	1/4"	36000508
CMLM05/02	5	1/8"	36000503
CMLM05/04	5	1/4"	36000509
CMLM06/02	6	1/8"	36000504
CMLM06/04	6	1/4"	36000510
CMLM06/06	6	3/8"	36000518
CMLM08/02	8	1/8"	36000505
CMLM08/04	8	1/4"	36000511
CMLM08/06	8	3/8"	36000519
CMLM08/08	8	1/2"	36000528
CMLM10/04	10	1/4"	36000512
CMLM10/06	10	3/8"	36000520
CMLM12/06	12	3/8"	36000521
CMLM12/08	12	1/2"	36000530
CMLM16/08	16	1/2"	36000531
CMLM16/12	16	3/4"	36000545



Female Elbow Adaptor, Metric, BSPT

1315	Tube OD mm	Male Thread	Equivalent
CMLF06/04	6	1/4"	36055510
CMLF08/04	8	1/4"	36055511
CMLF10/04	10	1/4"	36055512
CMLF10/06	10	3/8"	36055520

Bracketed Elbow, Metric



1315	Tube OD mm	Equivalent
CMBL10	10	36054806

Elbow Connector, Metric



1315	Tube OD mm	Equivalent
CML04	4	36051102
CML05	5	36051103
CML06	6	36051104
CML08	8	36051105
CML10	10	36051106
CML12	12	36051107
CML16	16	36051108

Elbow Connectors

Stem Elbow Connector, Metric



1315	Tube OD mm	Stem OD mm	Equivalent
CMLS06	6	6	36055104
CMLS08	8	8	36055105
CMLS10	10	10	36055106
CMLS12	12	12	36055107
CMLS16	16	16	36055108

Tees

Male Tee Adaptor, Metric, BSPT



1315	Tube OD mm	Male Thread	Equivalent
CMTM04/02	4	1/8"	36062702
CMTM06/02	6	1/8"	36062704
CMTM08/04	8	1/4"	36062711
CMTM10/04	10	1/4"	36062712



Tee Connector, Metric

1315	Tube OD mm	Equivalent
CMT04	4	36051402
CMT05	5	36051403
CMT06	6	36051404
CMT08	8	36051405
CMT10	10	36051406
CMT12	12	36051407
CMT16	16	36051408



Male Tee Adaptor, Metric, BSPT

1315	Tube OD mm	Male Thread	Equivalent
CMTR06/02	6	1/8"	36062804



Bracketed Tee, Metric

1315	Tube OD mm	Equivalent
CMBT06	6	36054904
CMBT08	8	36054905
CMBT10	10	36054906

Tee Connectors



Stem Tee Connector, Metric

1315	Tube OD mm	Stem OD mm	Equivalent
CMTS08	8	8	36055005
CMTS10	10	10	36055006
CMTS12	12	12	36055007
CMTS16	16	16	36055008



Stem Run Tee Connector, Metric

1315	Tube OD mm	Stem OD mm	Equivalent
CMTRS06	6	6	36062604
CMTRS10	10	10	36062606
CMTRS12	12	12	36062607

Crosses



Four Way Connector, Metric

1315	Tube OD mm	Equivalent
CMX06	6	36051604

Stem Adaptors



Nipped Stem Connector, Metric

1315	Tube OD mm	Stem OD mm	Equivalent
CMSPN12/12	12	12	36062507



Stem (Stand Pipe) x Hosetail Adaptor, Metric

1315	Standpipe mm	Hosetail	Equivalent
CMSPH04/03	4	3/16"	36052415
CMSPH06/04	6	1/4"	36052424
CMSPH08/04	8	1/4"	36052425
CMSPH12/06	12	3/8"	36052443



Straight Stem Adaptor, Metric

1315	Thread	Standpipe mm	Equivalent
CMSP02/08	1/8"	8	36053105
CMSP04/06	1/4"	6	36053110
CMSP04/08	1/4"	8	36053111
CMSP06/10	3/8"	10	36053120
CMSP06/12	3/8"	12	36053121
CMSP08/12	1/2"	12	-

Manifolds



Single Side 4 Output Manifold, Metric

1315	Inlet Tube OD mm	Outlet Tube OD mm	No. of Outlets	Equivalent
CMMB12/08	12	8	4	36030457
CMMB16/10	16	10	4	36030465

Tubing Nuts



Tubing Nut, Imperial

1315	Tube OD	Equivalent
TNI02	1/8"	34027902
TNI03	3/16"	34027903
TNI04	1/4"	34027904
TNI05	5/16"	34027905
TNI06	3/8"	34027906
TNI08	1/2"	34027907
TNI10	5/8"	34027908
TNI12	3/4"	34027909

Tubing Sleeves



Tubing Sleeve, Imperial

1315	Tube OD	Equivalent
OIB02	1/8"	34000302
OIB03	3/16"	34000303
OIB04	1/4"	34000304
OIB05	5/16"	34000305
OIB06	3/8"	34000306
OIB08	1/2"	34000307



Universal Tubing Sleeve, Imperial

1315	Tube OD	Equivalent
O102	1/8"	34027802
O104	1/4"	34027804
O105	5/16"	34027805
O106	3/8"	34027806
O108	1/2"	34027807
O110	5/8"	34027808
O112	3/4"	34027809

Tubing Plugs



Tubing Plug, Imperial

1315	Tube OD	Equivalent
CIP04	1/4"	34003604
CIP05	5/16"	34003605
CIP06	3/8"	34003606
CIP08	1/2"	34003607

Male Adaptors



Straight Male Adaptor, Imperial, BSPT

1315	Tube OD	Thread	Equivalent
CI02/02	1/8"	1/8"	34034607
CI03/02	3/16"	1/8"	34034608
CI03/04	3/16"	1/4"	34034615
CI04/02	1/4"	1/8"	34034609
CI04/04	1/4"	1/4"	34034616
CI05/02	5/16"	1/8"	34034610
CI05/04	5/16"	1/4"	34034617
CI05/06	5/16"	3/8"	34034625
CI05/08	5/16"	1/2"	34034634
CI06/02	3/8"	1/8"	34034611
CI06/04	3/8"	1/4"	34034618
CI06/06	3/8"	3/8"	34034626
CI06/08	3/8"	1/2"	34034635
CI08/04	1/2"	1/4"	34034619
CI08/06	1/2"	3/8"	34034627
CI08/08	1/2"	1/2"	34034636
CI08/12	1/2"	3/4"	34034653
CI10/08	5/8"	1/2"	34034637
CI12/08	3/4"	1/2"	34034638
CI12/12	3/4"	3/4"	34034655



Straight Male Adaptor, Imperial, BSPP

1315	Tube OD	Thread	Equivalent
CIP03/02	3/16"	1/8"	34034808
CIP04/02	1/4"	1/8"	34034809
CIP04/04	1/4"	1/4"	34034816
CIP06/06	3/8"	3/8"	34034826
CIP08/06	1/2"	3/8"	34034827

Female Adaptors



Straight Female Adaptor, Imperial, BSPP

1315	Tube OD	Thread	Equivalent
CIF03/02	3/16"	1/8"	34034408
CIF03/04	3/16"	1/4"	34034415
CIF04/02	1/4"	1/8"	34034409
CIF04/04	1/4"	1/4"	34034416
CIF05/04	5/16"	1/4"	34034417
CIF06/04	3/8"	1/4"	34034418
CIF06/06	3/8"	3/8"	34034426
CIF08/08	1/2"	1/2"	34034436
CIF10/08	5/8"	1/2"	34034437

Nipple Adaptors



Nipple Adaptor Tube Male, BSPT x Male, Imperial

1315	Tube OD	Thread	Equivalent
CIA04/02	1/4"	1/8"	34035009
CIA05/04	5/16"	1/4"	34035017
CIA06/04	3/8"	1/4"	34035018
CIA06/06	3/8"	3/8"	34035026
CIA08/08	1/2"	1/2"	34035036



Nipple Adaptor Tube Male, BSP x Female, Imperial

1315	Tube OD	Female Thread	Equivalent
CINF03/02	3/16"	1/8"	34035108
CINF05/04	5/16"	1/4"	34035117
CINF06/06	3/8"	3/8"	34035126
CINF08/06	1/2"	3/8"	34035127
CINF08/08	1/2"	1/2"	34035136

Reducing Connectors



Reducing Connector, Imperial

1315	Tube OD Male	Tube OD Female	Equivalent
CIMFB04/03	1/4"	3/16"	34035231
CIMFB05/04	5/16"	1/4"	34035239
CIMFB06/04	3/8"	1/4"	34035240
CIMFB06/05	3/8"	5/16"	34035246
CIMFB08/05	1/2"	5/16"	34035247
CIMFB08/06	1/2"	3/8"	34035252

Nipple Connectors



Nipple Connector, Imperial

1315	Tube OD	Equivalent
CINC08	1/2"	34029107

Straight Connectors



Straight Connector, Imperial

1315	Tube OD	Equivalent
CIS03	3/16"	34000703
CIS04	1/4"	34000704
CIS05	5/16"	34000705
CIS06	3/8"	34000706
CIS08	1/2"	34000707
CIS12	3/4"	34000709

Bulkhead Connectors



Bulkhead Connector, Imperial

1315	Tube OD	Male Thread	Equivalent
CIBH03	3/16"	1/4"	34002103
CIBH04	1/4"	3/8"	34002104
CIBH05	5/16"	3/8"	34002105
CIBH06	3/8"	1/2"	34002106
CIBH08	1/2"	3/4"	34002107

Locknuts



Locknut, BSPP

1315	Thread	Equivalent
LN12	3/4"	34022306
LN16	1"	34022308



Locknut NP, BSPP

1315	Thread
LN02NP	1/8"
LN04NP	1/4"
LN06NP	3/8"
LN08NP	1/2"
LN12NP	3/4"
LN16NP	1"

Elbow Connectors



Stem Elbow Connector, Imperial

1315	Tube OD	Stem OD	Equivalent
CILS03	3/16"	3/16"	34005703
CILS04	1/4"	1/4"	34005704
CILS05	5/16"	5/16"	34005705
CILS06	3/8"	3/8"	34005706
CILS08	1/2"	1/2"	34005707



Universal Stem Elbow, Imperial

1315	Stem OD	Equivalent
CIUSL05	5/16"	34029205
CIUSL06	3/8"	34029206

Elbows



Female Elbow Adaptor, Imperial, BSPP

1315	Tube OD	Male Thread	Equivalent
CILF06/06	3/8"	3/8"	34032826
CILF08/06	1/2"	3/8"	34032827
CILF08/08	1/2"	1/2"	34032836



Elbow Connector, Imperial

1315	Tube OD	Equivalent
CIL04	1/4"	34006004
CIL05	5/16"	34006005
CIL06	3/8"	34006006
CIL08	1/2"	34006007



Male Elbow Adaptor, Imperial, BSPT

1315	Tube OD	Male Thread	Equivalent
CILM03/02	3/16"	1/8"	34033008
CILM03/04	3/16"	1/4"	34033015
CILM04/02	1/4"	1/8"	34033009
CILM04/04	1/4"	1/4"	34033016
CILM05/02	5/16"	1/8"	34033010
CILM05/04	5/16"	1/4"	34033017
CILM05/06	5/16"	3/8"	34033025
CILM06/04	3/8"	1/4"	34033018
CILM06/06	3/8"	3/8"	34033026

Tees



Male Tee Adaptor, Imperial, BSPT

1315	Tube OD	Male Thread	Equivalent
CITM04/02	1/4"	1/8"	34033409
CITM06/04	3/8"	1/4"	34033418



Tee Connector, Imperial

1315	Tube OD	Equivalent
CIT03	3/16"	34029003
CIT04	1/4"	34029004
CIT05	5/16"	34029005
CIT06	3/8"	34029006
CIT08	1/2"	34029007
CIT12	3/4"	34029009



Male Tee Adaptor, Imperial, BSPT

1315	Tube OD	Male Thread	Equivalent
CITR06/04	3/8"	1/4"	34033618



Bracketed Tee, Imperial

1315	Tube OD	Equivalent
CIBT03	3/16"	34029303

Tee Connectors



Stem Tee Connector, Imperial

1315	Tube OD	Stem OD	Equivalent
CITS04	1/4"	1/4"	34033904
CITS06	3/8"	3/8"	34033906



Stem Run Tee Connector, Imperial

1315	Tube OD	Stem OD	Equivalent
CITRS04	1/4"	1/4"	34034104



Universal Stem Tee, Imperial

1315	Stem OD	Equivalent
CIUST04	1/4"	34034204
CIUST06	3/8"	34034206

Y Connectors



Y Connector, Imperial

1315	Tube OD	Equivalent
CIY06	3/8"	34012706
CIY08	1/2"	34012707

Crosses



Four Way Connector, Imperial

1315	Tube OD	Equivalent
CIX06	3/8"	34013106

Stem Adaptors



Nippled Stem Connector, Imperial

1315	Tube OD	Stem OD	Equivalent
CISPN03/03	3/16"	3/16"	34001303
CISPN04/04	1/4"	1/4"	34001304
CISPN05/05	5/16"	5/16"	34001305
CISPN06/06	3/8"	3/8"	34001306



Stem (Stand Pipe) x Hosetail Adaptor, Imperial

1315	Standpipe	Hosetail	Equivalent
CISPH03/03	3/16"	3/16"	34005603
CISPH04/04	1/4"	1/4"	34005604
CISPH05/05	5/16"	5/16"	34005605
CISPH06/06	3/8"	3/8"	34005606
CISPH08/08	1/2"	1/2"	34005607



Straight Stem Adaptor, Imperial, BSPT

1315	Thread	Standpipe	Equivalent
CISP04/04	1/4"	1/4"	-
CISP04/05	1/4"	5/16"	34034317

Manifolds



Single Side 4 Output Manifold, Imperial

1315	Inlet Tube OD	Outlet Tube OD	No. of Outlets	Equivalent
CIMB08/04	1/2"	1/4"	4	34030441

ENOTS COMPRESSION FITTINGS, METRIC



- Wide range of types and sizes
- Suitable for use under extreme conditions of temperature and pressure
- Rugged and durable
- Ideal for most general industrial applications

Stem Adaptors



Tailpiece

0038	Stem OD mm	To Suit Hose ID mm
36052424	6	6.3
36052425	8	6.3
36052442	10	10



Nipped

0038	Stem OD mm	OD mm
36062507	12	12



Straight, BSPP

0038	Stem OD mm	Thread
36052105	8	1/8"
36052111	8	1/4"



Straight, BSPT

0038	Stem OD mm	Thread
36053104	6	1/8"
36053110	6	1/4"
36053111	8	1/4"
36053112	10	1/4"

Tubing Plugs



Tube

0038	OD mm
36050902	4
36050905	8
36050906	10
36050907	12

Tubing Nut, Sleeve and Body

Manufactured from Bar:

Brass to BS 2874: 1986 (CZ 121)

Body Manufactured from Stamping:

Brass to BS 2872: 1969 (CZ 122)

Banjo bolts have a bright nickel plated finish

Bulkhead Locknuts



Metric

0038	Thread
36052001	M12 x 1.0
36052003	M15 x 1.0
36052005	M18 x 1.5
36052006	M20 x 1.5
36052007	M24 x 1.5

Bulkhead Connectors



Metric

0038	OD mm	Thread
36050804	6	M15 x 1.0
36050805	8	M18 x 1.5
36050806	10	M20 x 1.5
36050807	12	M24 x 1.5

Reducing Connectors



Tube x Tube

0038	OD A mm	OD B mm
36051727	4	6
36051728	4	8
36051747	6	8
36051749	6	12
36051757	8	12

Fast Rotating Joints



BSPT

0038	Thread
04016100	1/4"

Tube Types:

Nylon 11 or 12 and other plasticised or unplasticised tubing which conforms to the tolerances specified in BS5409: Part 1 1976. Copper, annealed and half-hard to BS2871: Part 2. Double wall brazed steel.

Straight Connectors



Equal

0038	OD mm
36050302	4
36050304	6
36050305	8
36050306	10
36050307	12



Bracketed

0038	OD mm
36055205	8

Nipped Adaptors



BSPT

0038	OD mm	Thread
36055605	8	1/8"
36055611	8	1/4"



BSPP

0038	OD mm	Thread
36055711	8	1/4"
36055712	10	1/4"
36055721	12	3/8"

ENOTS COMPRESSION FITTINGS, METRIC



Straight Adaptors



Male, BSPT

0038	OD mm	Thread
36053002	4	1/8"
36053008	4	1/4"
36053004	6	1/8"
36053010	6	1/4"
36053005	8	1/8"
36053011	8	1/4"
36053019	8	3/8"
36053028	8	1/2"
36053006	10	1/8"
36053012	10	1/4"
36053020	10	3/8"
36053029	10	1/2"
36053013	12	1/4"
36053030	12	1/2"
36053044	12	3/4"



Male, BSPP

0038	OD mm	Thread
36050402	4	1/8"
36050404	6	1/8"
36050405	8	1/8"
36050411	8	1/4"
36050428	8	1/2"
36050412	10	1/4"
36050420	10	3/8"
36050429	10	1/2"
36050413	12	1/4"
36050421	12	3/8"
36050430	12	1/2"



Female, BSPP

0038	OD mm	Thread
36050502	4	1/8"
36050510	6	1/4"
36050511	8	1/4"
36050512	10	1/4"
36050521	12	3/8"
36050530	12	1/2"

Elbow Connectors



Equal

0038	OD mm
36051104	6
36051107	12



Stem

0038	OD mm	Stem OD mm
36055104	6	6
36055105	8	8
36055106	10	10
36055107	12	12



Bracketed

0038	OD mm
36054804	6
36054805	8

Tee Connectors



Equal

0038	OD mm
36051404	6
36051405	8
36051406	10
36051407	12



Bracketed

0038	OD mm
36054905	8

Tubing Nuts



Tube

0038	OD mm
36050002	4
36050003	5
36050004	6
36050005	8
36050006	10
36050007	12
36050008	16

Elbow Adaptors



Female, BSPP

0038	OD mm	Thread
36055502	4	1/8"
36055510	6	1/4"
36055512	10	1/4"
36055520	10	3/8"



Male, BSPT

0038	OD mm	Thread
36000502	4	1/8"
36000508	4	1/4"
36000504	6	1/8"
36000510	6	1/4"
36000505	8	1/8"
36000511	8	1/4"
36000512	10	1/4"
36000520	10	3/8"
36000529	10	1/2"
36000513	12	1/4"
36000521	12	3/8"
36000530	12	1/2"

Universal Tubing Sleeves



To suit Metal & Nylon Tube

0038	OD mm
36050102	4
36050103	5
36050105	8
36050106	10
36050107	12
36050108	16

Elbow Banjo Assemblies



Non-regulating, BSPP

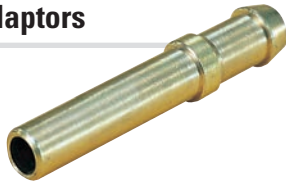
0038	OD mm	Thread
18A511028	10	1/4"
18A511048	10	1/2"
18A511238	12	3/8"

ENOTS COMPRESSION FITTINGS, IMPERIAL



- Wide range of types and sizes
- Rugged and durable
- Suitable for use under extreme conditions of temperature and pressure
- Ideal for most general industrial applications

Stem Adaptors



Tailpiece

0038	Stem OD	To Suit Hose ID
34005607	1/2"	1/2"

Tubing Plugs



Tube

0038	OD
34003604	1/4"

Bulkhead Locknuts



BSPP

0038	Thread
34022302	1/4"
34022303	3/8"

Bulkhead Connectors



BSPP

0038	OD	Thread
34002104	1/4"	3/8"

Straight Connectors



Equal

0038	OD
34000704	1/4"
34000705	5/16"
34000706	3/8"
34000707	1/2"

Tubing Nut, Sleeve and Body Manufactured from Bar:
Brass to BS 2874: 1986 (CZ 121)

Body Manufactured from Stamping:
Brass to BS 2872: 1969 (CZ 122)

Banjo bolts have a bright nickel plated finish

Straight Adaptors



Male, BSPT

0038	OD	Thread
34034610	5/16"	1/8"
34034616	1/4"	1/4"
34034617	5/16"	1/4"
34034618	3/8"	1/4"
34034626	3/8"	3/8"
34034635	3/8"	1/2"
34034619	1/2"	1/4"
34034636	1/2"	1/2"



Male, BSPP

0038	OD	Thread
34034809	1/4"	1/8"



Female, BSPP

0038	OD	Thread
34034416	1/4"	1/4"

Elbow Connectors



Stem

0038	OD	Stem OD
34005704	1/4"	1/4"
34005706	3/8"	3/8"
34005707	1/2"	1/2"

Tube Types:

Nylon 11 or 12 and other plasticised or unplasticised tubing which conforms to the tolerances specified in BS5409: Part 1 1976. Copper, annealed and half-hard to BS2871: Part 2. Double wall brazed steel.

Elbow Adaptors



Male, BSPT

0038	OD	Thread
34033009	1/4"	1/8"
34033016	1/4"	1/4"
34033018	3/8"	1/4"
34033026	3/8"	3/8"
34033019	1/2"	1/4"
34033027	1/2"	3/8"

Tubing Nuts



Tube

0038	OD
34027903	3/16"
34027904	1/4"
34027905	5/16"
34027906	3/8"
34027907	1/2"
34027909	3/4"

Tubing Sleeves



To suit Metal Tube Only

0038	OD
34000303	3/16"
34000304	1/4"

Universal, To suit Metal & Nylon Tube

0038	OD
34027803	3/16"
34027804	1/4"
34027805	5/16"
34027806	3/8"

IMPERIAL BRASS COMPRESSION FITTINGS



Please note: Safe pressures and temperatures depend entirely on the tubes being used, for this reason the values must be determined in accordance with the tube features.

Media: Water, oils, compressed air

Use universal barrel olive for copper and nylon tube.

Male Studs



BSPT

0062	OD	Thread
APMS-14-18	1/4"	1/8"
APMS-14-14	1/4"	1/4"
APMS-14-38	1/4"	3/8"
APMS-14-12	1/4"	1/2"
APMS-516-18	5/16"	1/8"
APMS-516-14	5/16"	1/4"
APMS-516-38	5/16"	3/8"
APMS-516-12	5/16"	1/2"
APMS-38-18	3/8"	1/8"
APMS-38-14	3/8"	1/4"
APMS-38-38	3/8"	3/8"
APMS-38-12	3/8"	1/2"
APMS-12-14	1/2"	1/4"
APMS-12-38	1/2"	3/8"
APMS-12-12	1/2"	1/2"

Tech Sheet 20193

Male Stud Elbows



BSPT

0062	OD	Thread
APSE-14-18	1/4"	1/8"
APSE-14-14	1/4"	1/4"
APSE-14-38	1/4"	3/8"
APSE-14-12	1/4"	1/2"
APSE-516-18	5/16"	1/8"
APSE-516-14	5/16"	1/4"
APSE-516-38	5/16"	3/8"
APSE-38-18	3/8"	1/8"
APSE-38-14	3/8"	1/4"
APSE-38-38	3/8"	3/8"
APSE-38-12	3/8"	1/2"
APSE-12-14	1/2"	1/4"
APSE-12-38	1/2"	3/8"
APSE-12-12	1/2"	1/2"

Tech Sheet 20194

Female Studs



BSPP

0062	OD	Thread
APFS-14-18	1/4"	1/8"
APFS-14-14	1/4"	1/4"
APFS-14-38	1/4"	3/8"
APFS-14-12	1/4"	1/2"
APFS-516-14	5/16"	1/4"
APFS-516-38	5/16"	3/8"
APFS-516-12	5/16"	1/2"
APFS-38-14	3/8"	1/4"
APFS-38-38	3/8"	3/8"
APFS-38-12	3/8"	1/2"
APFS-12-14	1/2"	1/4"
APFS-12-38	1/2"	3/8"
APFS-12-12	1/2"	1/2"

Tech Sheet 20192

Brass Barrel Olives



0062	OD
APBO-14	1/4"
APBO-516	5/16"
APBO-38	3/8"
APBO-12	1/2"

Female Stud Elbows



BSPP

0062	OD	Thread
APFE-14-14	1/4"	1/4"
APFE-516-14	5/16"	1/4"
APFE-38-38	3/8"	3/8"

Tech Sheet 20191

Brass Nuts



0062	OD
APBN-14	1/4"
APBN-38	3/8"
APBN-12	1/2"

Tech Sheet 20189

Tees, Male Stud Branch



BSPT

0062	OD	Thread
APST-14-18	1/4"	1/8"
APST-14-14	1/4"	1/4"
APST-516-14	5/16"	1/4"
APST-38-14	3/8"	1/4"
APST-12-14	1/2"	1/4"

Tech Sheet 20195

Equal Connectors



Tube x Tube

0062	OD
APEC-14	1/4"
APEC-516	5/16"
APEC-38	3/8"
APEC-12	1/2"

Tech Sheet 20187

Equal Tees



Tube x Tube

0062	OD
APET-14	1/4"
APET-516	5/16"
APET-38	3/8"
APET-12	1/2"

Tech Sheet 20190

Equal Elbows



Tube x Tube

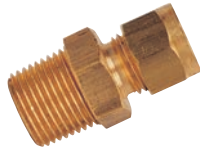
0062	OD
APEE-14	1/4"
APEE-516	5/16"
APEE-38	3/8"
APEE-12	1/2"

Tech Sheet 20188

Please note: Safe pressures and temperatures depend entirely on the tubes being used, for this reason the values must be determined in accordance with the tube features.

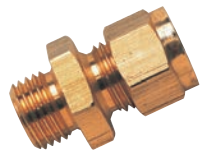
Media: Water, oils, compressed air

Male Studs



BSPT

1300	OD	Thread
MST18-18	1/8"	1/8"
MST18-14	1/8"	1/4"
MST316-18	3/16"	1/8"
MST316-14	3/16"	1/4"
MST14-18	1/4"	1/8"
MST14-14	1/4"	1/4"
MST14-38	1/4"	3/8"
MST14-12	1/4"	1/2"
MST516-18	5/16"	1/8"
MST516-14	5/16"	1/4"
MST516-38	5/16"	3/8"
MST38-18	3/8"	1/8"
MST38-14	3/8"	1/4"
MST38-38	3/8"	3/8"
MST38-12	3/8"	1/2"
MST12-14	1/2"	1/4"
MST12-38	1/2"	3/8"
MST12-12	1/2"	1/2"
MST34-12	3/4"	1/2"
MST34-34	3/4"	3/4"



BSPP

1300	OD	Thread
MSP18-18	1/8"	1/8"
MSP18-14	1/8"	1/4"
MSP316-18	3/16"	1/8"
MSP316-14	3/16"	1/4"
MSP316-38	3/16"	3/8"
MSP14-18	1/4"	1/8"
MSP14-14	1/4"	1/4"
MSP14-38	1/4"	3/8"
MSP516-18	5/16"	1/8"
MSP516-14	5/16"	1/4"
MSP516-38	5/16"	3/8"
MSP516-12	5/16"	1/2"
MSP38-18	3/8"	1/8"
MSP38-14	3/8"	1/4"
MSP38-38	3/8"	3/8"
MSP38-12	3/8"	1/2"
MSP12-38	1/2"	3/8"
MSP12-12	1/2"	1/2"
MSP12-34	1/2"	3/4"
MSP34-12	3/4"	1/2"
MSP34-34	3/4"	3/4"
MSP1-1	1"	1"

Female Studs



BSPP

1300	OD	Thread
FSC18-18	1/8"	1/8"
FSC18-14	1/8"	1/4"
FSC316-18	3/16"	1/8"
FSC316-14	3/16"	1/4"
FSC316-38	3/16"	3/8"
FSC14-18	1/4"	1/8"
FSC14-14	1/4"	1/4"
FSC14-38	1/4"	3/8"
FSC14-12	1/4"	1/2"
FSC516-18	5/16"	1/8"
FSC516-14	5/16"	1/4"
FSC516-38	5/16"	3/8"
FSC516-12	5/16"	1/2"
FSC38-18	3/8"	1/8"
FSC38-14	3/8"	1/4"
FSC38-38	3/8"	3/8"
FSC38-12	3/8"	1/2"
FSC12-14	1/2"	1/4"
FSC12-12	1/2"	1/2"
FSC34-12	3/4"	1/2"
FSC34-34	3/4"	3/4"
FSC1-1	1"	1"

Equal Ended



Tube x Tube

1300	Thread
EEC18	1/8"
EEC316	3/16"
EEC14	1/4"
EEC516	5/16"
EEC38	3/8"
EEC12	1/2"
EEC34	3/4"
EEC1	1"

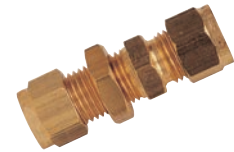
Imperial to Metric Couplings



Tube x Tube

1300	OD	ODmm
IMC38-10	3/8"	10

Equal Ended Bulkheads



Tube x Tube

1300	OD	Thread
EB18	1/8"	1/8"
EB316	3/16"	1/8"
EB14	1/4"	1/4"
EB14/2	1/4"	3/8"
EB516	5/16"	1/8"
EB38	3/8"	3/8"
EB12	1/2"	1/2"

Reducing Couplings



Tube x Tube

1300	OD	OD
RDC316-18	3/16"	1/8"
RDC14-18	1/4"	1/8"
RDC14-316	1/4"	3/16"
RDC516-316	5/16"	3/16"
RDC516-14	5/16"	1/4"
RDC38-14	3/8"	1/4"
RDC38-516	3/8"	5/16"
RDC12-14	1/2"	1/4"
RDC12-516	1/2"	5/16"
RDC12-38	1/2"	3/8"

Tees, Male Stud Branch



BSPT

1300	OD	Thread
MSB14-18	1/4"	1/8"
MSB14-14	1/4"	1/4"
MSB38-14	3/8"	1/4"
MSB38-38	3/8"	3/8"
MSB12-12	1/2"	1/2"

Equal Tees



Tube x Tube

1300	OD
TE18	1/8"
TE316	3/16"
TE14	1/4"
TE516	5/16"
TE38	3/8"
TE12	1/2"
TE34	3/4"

IMPERIAL BRASS COMPRESSION FITTINGS



Tees, Male Stud Run



BSPT

1300	OD	Thread
MSR14-18	1/4"	1/8"
MSR14-14	1/4"	1/4"
MSR516-14	5/16"	1/4"
MSR38-38	3/8"	3/8"

Reducing Branch Tees



Tube x Tube

1300	OD	Branch OD
RT14-316	1/4"	3/16"
RT516-14	5/16"	1/4"
RT38-14	3/8"	1/4"
RT38-516	3/8"	5/16"
RT12-14	1/2"	1/4"
RT12-38	1/2"	3/8"

Equal Ended Crosses



Tube x Tube

1300	OD
EX14	1/4"
EX516	5/16"
EX12	1/2"

Flanged Blanking Plugs



BSPP

1300	Thread
FBP18	1/8"
FBP14	1/4"
FBP38	3/8"
FBP12	1/2"
FBP34	3/4"
FBP1	1"

End Stops



Tube

1300	OD
ES316	3/16"
ES14	1/4"
ES516	5/16"
ES38	3/8"
ES12	1/2"
ES34	3/4"

Standpipe Elbows



Tube x Stem

1300	Stem OD	OD
SPE516	5/16"	5/16"
SPE38	3/8"	3/8"
SPE12	1/2"	1/2"

Female Stud Elbows



BSPP

1300	OD	Thread
FSE316-18	3/16"	1/8"
FSE14-18	1/4"	1/8"
FSE14-14	1/4"	1/4"
FSE516-14	5/16"	1/4"
FSE38-14	3/8"	1/4"
FSE38-38	3/8"	3/8"
FSE38-12	3/8"	1/2"
FSE12-12	1/2"	1/2"

Equal Elbows



Tube x Tube

1300	OD
EL18	1/8"
EL316	3/16"
EL14	1/4"
EL516	5/16"
EL38	3/8"
EL12	1/2"
EL34	3/4"

Male Stud Elbows



BSPT

1300	OD	Thread
MSE18-18	1/8"	1/8"
MSE316-18	3/16"	1/8"
MSE316-14	3/16"	1/4"
MSE14-18	1/4"	1/8"
MSE14-14	1/4"	1/4"
MSE14-38	1/4"	3/8"
MSE516-18	5/16"	1/8"
MSE516-14	5/16"	1/4"
MSE38-18	3/8"	1/8"
MSE38-14	3/8"	1/4"
MSE38-38	3/8"	3/8"
MSE12-14	1/2"	1/4"
MSE12-38	1/2"	3/8"
MSE12-12	1/2"	1/2"
MSE34-34	3/4"	3/4"

Brass Compression Rings



1300	OD
CR18	1/8"
CR316	3/16"
CR14	1/4"
CR516	5/16"
CR38	3/8"
CR12	1/2"
CR34	3/4"
CR1	1"

Fulham Nozzles



Female Thread, BSPP

1300	To Suit Hose ID	Thread
FNF18	3/8"	1/8"
FNF14	3/8"	1/4"
FNF38	3/8"	3/8"

Male Thread, BSPT



1300	To Suit Hose ID	Thread
FN18	3/8"	1/8"
FN14	3/8"	1/4"
FN38	3/8"	3/8"

Male Thread, BSPP



1300	To Suit Hose ID	Thread
FNP18	3/8"	1/8"
FNP14	3/8"	1/4"

Tube x Hose Tail



1300	To Suit Hose ID	OD
FNT14	3/8"	1/4"
FNT516	3/8"	5/16"

Compression Nuts



BSPP

1300	OD	Thread
UN18	1/8"	1/8"
UN316	3/16"	1/8"
UN14	1/4"	1/4"
UN516	5/16"	1/4"
UN38	3/8"	3/8"
UN12	1/2"	1/2"
UN34	3/4"	3/4"

Copper Washers for BSPP Stud Ends



To suit BSPP

1300	Male Thread	Female Thread
CW18	1/8"	3/8"
CW14	1/4"	1/2"
CW38	3/8"	3/4"
CW12	1/2"	7/8"
CW34	3/4"	-
CW1	1"	-
CW114	1.1/4"	-
CW112	1.1/2"	-
CW2	2"	-

Tech Sheet 20358

METRIC BRASS COMPRESSION FITTINGS



Please note: Safe pressures and temperatures depend entirely on the tubes being used, for this reason the values must be determined in accordance with the tube features.
Media: Water, oils, compressed air

Male Studs



BSPT

1040	OD mm	Thread
13480-4-18	4	1/8"
13480-4-14	4	1/4"
13480-6-18	6	1/8"
13480-6-14	6	1/4"
13480-6-38	6	3/8"
13480-8-18	8	1/8"
13480-8-14	8	1/4"
13480-8-38	8	3/8"
13480-10-14	10	1/4"
13480-10-38	10	3/8"
13480-10-12	10	1/2"
13480-12-14	12	1/4"
13480-12-38	12	3/8"
13480-12-12	12	1/2"
13480-14-12	14	1/2"
13480-15-12	15	1/2"
13480-22-12	22	1/2"
13480-22-34	22	3/4"

Tech Sheet 68743



BSPP

1040	OD mm	Thread
13485-4-18	4	1/8"
13485-6-18	6	1/8"
13485-6-14	6	1/4"
13485-8-18	8	1/8"
13485-8-14	8	1/4"
13485-8-38	8	3/8"
13485-10-14	10	1/4"
13485-10-38	10	3/8"
13485-22-34	22	3/4"
13485-22-1	22	1"

Tech Sheet 68743

Standpipe Adaptors



BSPP

1040	OD mm	Thread
13530-6-18	6	1/8"
13530-6-14	6	1/4"
13530-8-14	8	1/4"
13530-8-38	8	3/8"
13530-10-14	10	1/4"
13530-10-38	10	3/8"

Tech Sheet 68743

Female Studs



BSPP

1040	OD mm	Thread
13500-4-18	4	1/8"
13500-4-14	4	1/4"
13500-6-18	6	1/8"
13500-6-14	6	1/4"
13500-8-18	8	1/8"
13500-8-14	8	1/4"
13500-8-38	8	3/8"
13500-10-14	10	1/4"
13500-10-38	10	3/8"
13500-10-12	10	1/2"
13500-12-14	12	1/4"
13500-12-38	12	3/8"
13500-12-12	12	1/2"
13500-14-12	14	1/2"
13500-15-12	15	1/2"
13500-22-34	22	3/4"

Tech Sheet 68743

Male Stud Elbows



BSPT

1040	OD mm	Thread
13280-4-18	4	1/8"
13280-6-18	6	1/8"
13280-6-14	6	1/4"
13280-8-18	8	1/8"
13280-8-14	8	1/4"
13280-8-38	8	3/8"
13280-10-14	10	1/4"
13280-10-38	10	3/8"
13280-10-12	10	1/2"
13280-12-14	12	1/4"
13280-12-38	12	3/8"
13280-12-12	12	1/2"
13280-14-12	14	1/2"
13280-15-12	15	1/2"
13280-22-34	22	3/4"

Tech Sheet 68743

Equal Elbows



Tube x Tube

1040	OD mm
13260-4	4
13260-6	6
13260-8	8
13260-10	10
13260-12	12
13260-15	15
13260-22	22

Tech Sheet 68743

Bulkhead Connectors



Tube x Tube

1040	OD mm
13465-4	4
13465-6	6
13465-8	8
13465-10	10
13465-12	12
13465-14	14

Tech Sheet 68743

Straight Connectors



Tube x Tube

1040	OD mm
13460-4	4
13460-6	6
13460-8	8
13460-10	10
13460-12	12
13460-15	15
13460-22	22

Tech Sheet 68743

Internal Tube Supports

- This internal tube support, will prevent the tube from crushing caused by over tightening of compression type fittings or clamps



Tube

1000	To Suit Hose ID mm
877-0027	2.7
877-0004	4
877-0006	6
877-0008	8
877-0009	9
877-0010	10
877-0012	12
877-0125	12.5
877-0013	13
877-0015	15
877-0016	16
877-0018	18

METRIC BRASS COMPRESSION FITTINGS



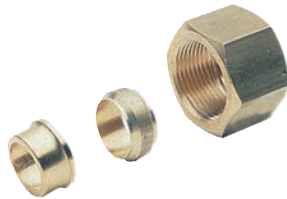
Equal Crosses



Tube x Tube

1040	OD mm
13510-6	6
13510-8	8
13510-10	10
13510-12	12
Tech Sheet 68743	

Reducers



Tube

1040	ID mm	OD mm
13600-4-6	4	6
13600-6-8	6	8
13600-8-10	8	10
13600-10-12	10	12
Tech Sheet 68743		

Male Stud Tees



BSPT

1040	OD mm	Thread
13220-4-18	4	1/8"
13220-6-18	6	1/8"
13220-6-14	6	1/4"
13220-8-18	8	1/8"
13220-8-14	8	1/4"
13220-8-38	8	3/8"
13220-10-14	10	1/4"
13220-10-38	10	3/8"
13220-10-12	10	1/2"
13220-12-38	12	3/8"
13220-14-12	14	1/2"
13220-15-12	15	1/2"
13220-22-34	22	3/4"
Tech Sheet 68743		

Equal Tees



Tube x Tube

1040	OD mm
13200-4	4
13200-6	6
13200-8	8
13200-10	10
13200-12	12
13200-14	14
13200-22	22
Tech Sheet 68743	

Hose Tail Stem Adaptors



Stem x Hose Tail

1040	Stem OD mm	To Suit Hose ID mm
13540-6-7	6	7
13540-8-7	8	7
13540-8-10	8	10
13540-10-10	10	10
13540-12-10	12	10
13540-12-13	12	13
Tech Sheet 68743		

Nuts



Tube

1040	OD mm	Thread
13680-4	4	M8 x 1
13680-6	6	M10 x 1
13680-8	8	M12 x 1
13680-10	10	M16 x 1.5
13680-12	12	M18 x 1.5
13680-14	14	M20 x 1.5
13680-15	15	M20 x 1.5
Tech Sheet 68743		

Brass Olives



Tube

1040	OD mm
13740-4	4
13740-6	6
13740-8	8
13740-10	10
13740-12	12
13740-14	14
13740-15	15
13740-22	22
Tech Sheet 68743	

Single Banjo Body with Stem



BSPP

1040	OD mm	Thread
13550-4-18	4	1/8"
13550-6-18	6	1/8"
13550-6-14	6	1/4"
13550-8-18	8	1/8"
13550-8-14	8	1/4"
13550-8-38	8	3/8"
13550-10-14	10	1/4"
13550-10-38	10	3/8"
Tech Sheet 68743		

Blanking Plugs



Tube

1040	OD mm
13780-4	4
13780-6	6
13780-8	8
13780-10	10
13780-12	12
13780-14	14
13780-15	15
13780-22	22
Tech Sheet 68743	

METRIC NICKEL PLATED COMPRESSION FITTINGS



Please note: Safe pressures and temperatures depend entirely on the tubes being used. For this reason, the values must be determined in accordance with the tube features.
Media: Water, oils and compressed air.

Male Studs

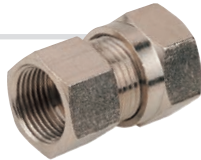


BSPT

1040	OD mm	Thread
2018-5336	4	1/8"
2018-5344	6	1/8"
2018-5351	6	1/4"
2018-5369	8	1/8"
2018-5377	8	1/4"
2018-5385	8	3/8"
2018-5393	10	1/4"
2018-5401	10	3/8"
2018-5419	12	3/8"
2018-5435	12	1/2"
2018-5436	14	1/2"
2018-5914	15	1/2"
2018-5915	16	1/2"
2018-5916	18	1/2"

Tech Sheet 68742

Female Studs



BSPP

1040	OD mm	Thread
2018-5468	4	1/8"
2018-5476	6	1/8"
2018-5484	6	1/4"
2018-5492	8	1/8"
2018-5500	8	1/4"
2018-5518	8	3/8"
2018-5526	10	1/4"
2018-5534	10	3/8"
2018-5542	12	3/8"
2018-5559	12	1/2"
2018-5567	15	1/2"

Tech Sheet 68742

Straight Connectors



Tube x Tube

1040	OD mm
2018-5773	4
2018-5880	6
2018-5922	8
2018-5930	10
2018-5948	12
2018-5951	16

Tech Sheet 68742

Male Stud Elbows



BSPT

1040	OD mm	Thread
2018-5666	4	1/8"
2018-5674	6	1/8"
2018-5682	6	1/4"
2018-5690	8	1/8"
2018-5708	8	1/4"
2018-5716	8	3/8"
2018-5724	10	1/4"
2018-5732	10	3/8"
2018-5740	12	3/8"
2018-5757	12	1/2"
2018-5766	14	1/2"
2018-5765	15	1/2"
2018-5767	16	1/2"

Tech Sheet 68742

Equal Elbows



Tube x Tube

1040	OD mm
2018-5575	4
2018-5583	6
2018-5591	8
2018-5609	10
2018-5617	12
2018-5626	14
2018-5625	15

Tech Sheet 68742

Equal Tees



Tube x Tube

1040	OD mm
2018-5971	6
2018-5989	8
2018-5997	10
2018-6003	12

Tech Sheet 68742

Male Stud Branch Tees



BSPT

1040	OD mm	Thread
2018-6045	6	1/4"
2018-6060	8	1/8"
2018-6094	8	1/4"
2018-6128	10	1/4"
2018-6151	12	3/8"
2018-6169	12	1/2"
2018-6177	15	1/2"

Tech Sheet 68742

Olives

Brass

1040	OD mm
2018-6243	4
2018-6250	6
2018-6268	8
2018-6276	10
2018-6284	12
2018-6292	15
2018-6296	18

Tech Sheet 68742



Nuts

BSPP

1040	OD mm	Thread
2018-6185	4	M8 x 1
2018-6193	6	M10 x 1
2018-6201	8	M12 x 1

Tech Sheet 68742



Brass, Universal

1040	OD mm
2018-3001	4
2018-3002	6
2018-3003	8
2018-3004	10
2018-3005	12
2018-3009	18

Tech Sheet 68742



PTFE

1040	OD mm
2018-3022	4
2018-3023	6
2018-3024	8
2018-3025	10
2018-3026	12
2018-3029	16
2018-3031	22

Tech Sheet 30104



Single Banjos



BSPP

1040	OD mm	Thread
2018-3041	6	1/8"
2018-3042	6	1/4"
2018-3044	8	1/4"

Tech Sheet 68742

METRIC NICKEL PLATED COMPRESSION FITTINGS



Body:
OT 58 brass

Temperature Range:
-45°C to +80°C

Maximum Pressure:
60 bar (dependent upon tubing specification)

For use with copper tube

Male Stud



BSP Tapered x Tube, Nickel Plated Brass

9152	Thread	Tube mm	
		OD	ID
2201001	1/8"	4	2
2201002	1/8"	6	4
2201003	1/4"	6	4
2201004	1/8"	8	6
2201005	1/4"	8	6

Male Stud Elbow



BSP Tapered x Tube, Nickel Plated Brass

9152	Thread BSPT	Tube mm	
		OD	ID
2205001	1/8"	4	2
2205002	1/8"	6	4
2205003	1/4"	6	4
2205004	1/8"	8	6
2205005	1/4"	8	6
2205007	1/4"	10	8
2205008	3/8"	10	8
2205009	1/2"	10	8
2205010	3/8"	12	10
2205011	1/2"	12	10
2205012	1/2"	15	12

Female Stud



BSP Parallel x Tube, Nickel Plated Brass

9152	Thread BSPP	Tube mm	
		OD	ID
2202001	1/8"	6	4
2202002	1/4"	6	4
2202004	1/4"	8	6
2202005	3/8"	8	6
2202006	1/4"	10	8
2202007	3/8"	10	8

Equal Elbow



Tube x Tube, Nickel Plated Brass

9152	OD	Tube mm	
		ID	ID
2206001	4	2	2
2206002	6	4	4
2206003	8	6	6
2206004	10	8	8
2206005	12	10	10
2206006	15	12	12

Equal Tee



Tube x Tube, Nickel Plated Brass

9152	OD	Tube mm	
		ID	ID
2209001	4	2	2
2209002	6	4	4
2209003	8	6	6
2209004	10	8	8
2209005	12	10	10
2209006	15	12	12

Male Stud Branch Tee



BSP Tapered x Tube

9152	Thread	Tube mm	
		OD	ID
2207001	1/8"	4	2
2207002	1/8"	6	4
2207003	1/4"	6	4
2207004	1/8"	8	6
2207005	1/4"	8	6
2207006	3/8"	8	6
2207008	3/8"	10	8
2207011	1/2"	12	10

Male Run Tee



BSP Tapered x Tube

9152	Thread	Tube mm	
		OD	ID
2208002	1/4"	6	4
2208003	1/8"	8	6
2208005	3/8"	8	6
2208006	1/4"	10	8
2208007	3/8"	10	8
2208009	3/8"	12	10
2208010	1/2"	12	10
2208011	1/2"	15	12

Straight Connector



Tube x Tube

9152	Tube mm	
	OD	ID
2203001	4	2
2203002	6	4
2203003	8	6
2203004	10	8
2203005	12	10
2203006	15	12

Bulkhead Connector



Tube x Tube

9152	Tube mm	
	OD	ID
2204001	6	4
2204002	8	6
2204003	10	8
2204004	12	10

Spare Compression Olive



Brass

9152	Tube mm	
	OD	ID
2211001	4	2
2211002	6	4
2211003	8	6
2211004	10	8
2211005	12	10

Tube Inserts



Brass

9152	To Suit Tube mm	
	OD	ID
2212001	6	4
2212002	8	6
2212003	10	8
2212004	12	10
2212005	15	12

COPPER TUBING

Copper Tubing - Annealed to BS EN12449/C106 (Soft)



Metric, 10 Metre Lengths

5070	OD mm	ID mm	Max Pressure PSI	Max Pressure Bar
MCT-4	4	2.8	1,993	137
MCT-5	5	3.4	2,124	146
MCT-6	6	4.4	1,760	121
MCT-8	8	6.4	1,324	91
MCT-10	10	8.4	1,047	72
MCT-12	12	10.4	1,000	69

Tech Sheet 820

Metric, 30 Metre Lengths

5070	OD mm	ID mm	Max Pressure PSI	Max Pressure Bar
MCT-4/30	4	2.8	1,993	137
MCT-6/30	6	4.4	1,760	121
MCT-6-4/30	6	4	2,669	184
MCT-8/30	8	6.4	1,324	91
MCT-10/30	10	8.4	1,047	72
MCT-12/30	12	10.4	1,000	69
MCT-15/30	15	13	1,091	75

Tech Sheet 820

Imperial, 10 Metre Lengths

5070	OD	ID	SWG	Max Pressure PSI	Max Pressure Bar
ICT-18	1/8"	0.069"	22	3,026	209
ICT-316	3/16"	0.131"	22	1,978	136
ICT-14	1/4"	0.194"	22	1,484	102
ICT-516	5/16"	0.256"	22	1,178	81
ICT-38	3/8"	0.319"	22	974	67
ICT-12	1/2"	0.428"	20	945	65
ICT-58	5/8"	0.553"	20	742	51

Tech Sheet 820

Imperial, 30 Metre Lengths

5070	OD	ID	SWG	Max Pressure PSI	Max Pressure Bar
ICT-18/30	1/8"	0.069"	22	3,026	209
ICT-316/30	3/16"	0.131"	22	1,978	136
ICT-14/30	1/4"	0.194"	22	1,484	102
ICT-14/30-20SWG	1/4"	0.178"	20	2,244	155
ICT-516/30	5/16"	0.256"	22	1,178	81
ICT-38/30	3/8"	0.319"	22	974	67
ICT-38/30-18SWG	3/8"	0.279"	18	1,958	135
ICT-12/30	1/2"	0.428"	20	945	65
ICT-12/30-18SWG	1/2"	0.404"	18	1,417	98
ICT-58/30	5/8"	0.553"	18	742	51

Tech Sheet 820

Plumbing Copper Tube



Type: BS EN1057 R250, 3 Metre Lengths

5072	OD mm	ID mm	Max Pressure PSI	Max Pressure Bar
PCU15	15	13.6	843	59
PCU22	22	20.2	752	51
PCU28	28	26.2	582	40
PCU35	35	32.6	618	43
PCU42	42	39.6	512	35
PCU54	54	51.6	396	27
PCU67	67	64.6	317	22

Copper Tubing - Half Hard



Metric, 3 Metre Lengths

5070	OD mm	ID mm	Max Pressure PSI	Max Pressure Bar
MTS-4	4	2.8	2,604	180
MTS-6	6	4	2,885	199
MTS-8	8	6	2,167	149
MTS-10	10	8	1,731	119
MTS-12	12	10	1,440	99
MTS-15	15	13	1,149	79
MTS-16	16	13.6	1,280	88
MTS-18	18	15.6	1,193	82
MTS-22	22	20	931	64
MTS-28	28	25	902	62

Imperial, 3 Metre Lengths

5070	OD	ID	SWG	Max Pressure PSI	Max Pressure Bar
ITS-18	1/8"	0.069"	22	3,928	271
ITS-316	3/16"	0.131"	22	2,589	179
ITS-14	1/4"	0.178"	20	2,488	172
ITS-516	5/16"	0.241"	20	1,978	136
ITS-38	3/8"	0.303"	20	1,644	113
ITS-12	1/2"	0.428"	20	1,236	85
ITS-12-18SWG	1/2"	0.404"	18	1,848	127
ITS-12-16SWG	1/2"	0.372"	16	2,556	176
ITS-12-10SWG	1/2"	0.244"	10	5,988	413
ITS-58	5/8"	0.529"	18	974	67
ITS-34-18SWG	3/4"	0.654"	18	1,190	82
ITS-34	3/4"	0.622"	16	1,484	102
ITS-78-16SWG	7/8"	0.747"	16	1,374	95
ITS-1-18SWG	1"	0.904"	18	877	60
ITS-1-16SWG	1"	0.872"	16	1,190	82
ITS-118-18SWG	1.1/8"	1.029"	18	776	54
ITS-118-16SWG	1.1/8"	0.997"	16	1,050	72

Please note: Delivery may take up to 48 hours.



BALL VALVES



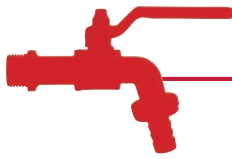
CHECK & FOOT VALVES



STRAINERS



FITTINGS



BIBCOCKS



PRESSURE REDUCING VALVES



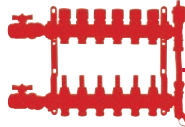
CONVERTIBLE VALVES &
THERMOSTATIC HEAD



MANUAL VALVES &
LOCKSHIELDS



ZONE BALL VALVES



MANIFOLDS IN BRASS &
STAINLESS STEEL



COPPER & BUNDY TUBING

Bundy Tube



Metric, 3.2 Metre Lengths

5071	OD mm	Wall Thickness	Burst Pressure PSI
BTM06	6	0.075"	13500
BTM08	8	0.075"	10875
BTM10	10	0.075"	7500

Imperial, 3.2 Metre Lengths

5071	OD	Wall Thickness	Burst Pressure PSI
BT103	3/16"	0.028"	16500
BT104	1/4"	0.028"	12000
BT105	5/16"	0.028"	10875
BT106	3/8"	0.028"	8200
BT108	1/2"	0.028"	5000

PVC Covered Copper Tube

Annealed, soft copper tube to BS2871/2/C106 with a black PVC outer cover.

Please note: OD measurement is for copper tube, excluding cover.



Metric, 30 Metre Coils

5070	OD mm	ID mm	Max Pressure PSI	Max Pressure Bar
MSCT-6	6	4	2,053	142
MSCT-8	8	6	1,906	131
MSCT-10	10	8	1,483	102
MSCT-12	12	10	1,091	75

Annealed, soft copper tube to BS2871/2/C106 with a 1/16" black PVC outer cover.

Imperial, 30 Metre Coils

5070	OD	ID	SWG	Max Pressure PSI	Max Pressure Bar
ISCT-14	1/4"	0.194"	22	1,682	116
ISCT-38	3/8"	0.303"	20	1,416	98
ISCT-12	1/2"	0.444"	20	945	65

ACCESSORIES



Polyethylene Pipe Insulation

Thermal Conductivity DIN 52613:
0.035W(m.K) at 0°C.

Working Temperature:
-50°C to +100°C

Fire Rating BS479 Part 5:1979:
Class P (not easily ignitable).

High quality CFC easy-fit closed cell pipe insulation. Particularly effective for the thermal insulation of domestic heating and plumbing pipe work for energy conservation and frost protection. Easy to install, none fibrous and creates no dust during installation and is resistant to oils and greases



9mm Wall Insulation (Semi Split), 2 Metre Lengths

5073	ID mm
POLY15X9	15
POLY22X9	22
POLY28X9	28

19mm Wall Insulation (Split through 1 Wall Thickness), 2 Metre Lengths

5073	ID mm
POLY15X19	15
POLY22X19	22
POLY28X19	28

13mm Wall Insulation (Semi Split), 2 Metre Lengths

5073	ID mm
POLY15X13	15
POLY22X13	22
POLY28X13	28

25mm Wall Insulation (Split through 1 Wall Thickness), 2 Metre Lengths

5073	ID mm
POLY15X25	15
POLY22X25	22
POLY28X25	28



For Tube Cutters and accessories see page 905

BRASS PLUMBING COMPRESSION FITTINGS, METRIC

Couplings

Straight

0242	OD mm
EPS-CFS-6	6
EPS-CFS-8	8
EPS-CFS-10	10
EPS-CFS-12	12
EPS-CFS-15	15
EPS-CFS-22	22
EPS-CFS-28	28
EPS-CFS-35	35
EPS-CFS-42	42
EPS-CFS-54	54



BSPT Male x Metric Straight

0242	OD mm	Thread
EPS-CFM-6-14	6	1/4"
EPS-CFM-8-14	8	1/4"
EPS-CFM-8-12	8	1/2"
EPS-CFM-10-14	10	1/4"
EPS-CFM-10-38	10	3/8"
EPS-CFM-12-14	12	1/4"
EPS-CFM-12-38	12	3/8"
EPS-CFM-15-14	15	1/4"
EPS-CFM-15-38	15	3/8"



BSPP Female x Metric Straight

0242	OD mm	Thread
EPS-CFF-6-14	6	1/4"
EPS-CFF-8-14	8	1/4"
EPS-CFF-8-38	8	3/8"
EPS-CFF-10-14	10	1/4"
EPS-CFF-10-38	10	3/8"
EPS-CFF-10-12	10	1/2"
EPS-CFF-15-14	15	1/4"
EPS-CFF-15-38	15	3/8"
EPS-CFF-15-12	15	1/2"
EPS-CFF-15-34	15	3/4"
EPS-CFF-22-12	22	1/2"
EPS-CFF-22-34	22	3/4"
EPS-CFF-22-1	22	1"
EPS-CFF-28-34	28	3/4"
EPS-CFF-28-1	28	1"
EPS-CFF-35-114	35	1.1/4"
EPS-CFF-42-112	42	1.1/2"
EPS-CFF-54-2	54	2"



Reducing Straight

0242	OD mm	OD mm
EPS-CFR-10-8	10	8
EPS-CFR-12-10	12	10
EPS-CFR-15-8	15	8
EPS-CFR-15-10	15	10
EPS-CFR-15-12	15	12
EPS-CFR-22-15	22	15
EPS-CFR-28-15	28	15
EPS-CFR-28-22	28	22



BSPP Male x Metric Straight

0242	OD mm	Thread
EPS-CFM-8-38	8	3/8"
EPS-CFM-10-12	10	1/2"
EPS-CFM-15-12	15	1/2"
EPS-CFM-15-34	15	3/4"
EPS-CFM-22-12	22	1/2"
EPS-CFM-22-34	22	3/4"
EPS-CFM-22-1	22	1"
EPS-CFM-28-34	28	3/4"
EPS-CFM-28-1	28	1"
EPS-CFM-35-114	35	1.1/4"
EPS-CFM-42-112	42	1.1/2"
EPS-CFM-54-2	54	2"

Elbows

BSPT Male x Metric

0242	OD mm	Thread
EPS-CFME-8-14	8	1/4"
EPS-CFME-8-38	8	3/8"
EPS-CFME-10-14	10	1/4"
EPS-CFME-10-38	10	3/8"
EPS-CFME-10-12	10	1/2"
EPS-CFME-15-14	15	1/4"



90°

0242	OD mm
EPS-CFE-6	6
EPS-CFE-8	8
EPS-CFE-10	10
EPS-CFE-12	12
EPS-CFE-15	15
EPS-CFE-22	22
EPS-CFE-28	28
EPS-CFE-35	35
EPS-CFE-42	42
EPS-CFE-54	54



Reducing 90°

0242	OD mm	OD mm
EPS-CFE-22-15	22	15



BSPP Male x Metric

0242	OD mm	Thread
EPS-CFME-15-12	15	1/2"
EPS-CFME-15-34	15	3/4"
EPS-CFME-22-34	22	3/4"
EPS-CFME-22-1	22	1"
EPS-CFME-28-1	28	1"
EPS-CFME-35-114	35	1.1/4"
EPS-CFME-42-112	42	1.1/2"
EPS-CFME-54-2	54	2"

Wall Plate, BSPP

0242	OD mm	Thread
EPS-CFWE-15-12	15	1/2"
EPS-CFWE-22-12	22	1/2"
EPS-CFWE-22-34	22	3/4"



BSPP Female x Metric

0242	OD mm	Thread
EPS-CFFE-8-14	8	1/4"
EPS-CFFE-10-14	10	1/4"
EPS-CFFE-10-38	10	3/8"
EPS-CFFE-10-12	10	1/2"
EPS-CFFE-15-14	15	1/4"
EPS-CFFE-15-12	15	1/2"
EPS-CFFE-15-34	15	3/4"
EPS-CFFE-22-12	22	1/2"
EPS-CFFE-22-34	22	3/4"
EPS-CFFE-22-1	22	1"
EPS-CFFE-28-1	28	1"
EPS-CFFE-35-114	35	1.1/4"
EPS-CFFE-54-2	54	2"



BRASS PLUMBING COMPRESSION FITTINGS, METRIC

Tees



Equal

0242	OD mm
EPS-CFET-6	6
EPS-CFET-8	8
EPS-CFET-10	10
EPS-CFET-12	12
EPS-CFET-15	15
EPS-CFET-22	22
EPS-CFET-28	28
EPS-CFET-35	35
EPS-CFET-42	42
EPS-CFET-54	54



Reducing

0242	OD A mm	OD B mm	OD C mm
CFRT-15-15-22	15	15	22
CFRT-22-22-15	22	22	15
CFRT-22-15-15	22	15	15
CFRT-22-15-22	22	15	22
CFRT-28-28-22	28	28	22
CFRT-35-35-15	35	35	15



Reducing Female

0242	OD mm	Thread
CFFRT-15-15-12	15	1/2"
CFFRT-22-22-12	22	1/2"
CFFRT-22-22-34	22	3/4"

Tank Connectors



Tank Connectors & Washers

0242	OD mm
EPS-CFTC-15	15
EPS-CFTC-22	22
EPS-CFTC-28	28
EPS-CFTC-35	35
EPS-CFTC-42	42
EPS-CFTC-54	54

Tap Connectors



Straight, BSPP

0242	OD mm	Thread
EPS-CFSTC-15-12	15	1/2"
EPS-CFSTC-15-34	15	3/4"
EPS-CFSTC-22-34	22	3/4"



90°, BSPP

0242	OD mm	Thread
EPS-CFBTC-15-12	15	1/2"

Internal Reducing Sets



3 Piece

0242	Reducing From-To mm
EPS-CFR3-10-6	10-6
EPS-CFR3-10-8	10-8
EPS-CFR3-15-8	15-8
EPS-CFR3-15-10	15-10
EPS-CFR3-15-12	15-12
EPS-CFR3-28-15	28-15
EPS-CFR3-28-22	28-22
EPS-CFR3-35-15	35-15
EPS-CFR3-35-22	35-22
EPS-CFR3-42-15	42-15
EPS-CFR3-42-28	42-28
EPS-CFR3-54-28	54-28
EPS-CFR3-54-42	54-42

Olives



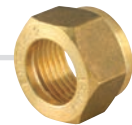
Brass

0242	OD mm
EPS-CFBO-8	8
EPS-CFBO-10	10
EPS-CFBO-12	12
EPS-CFBO-15	15
EPS-CFBO-20	20
EPS-CFBO-22	22
EPS-CFBO-25	25
EPS-CFBO-28	28
EPS-CFBO-35	35
EPS-CFBO-42	42
EPS-CFBO-54	54
EPS-CFBO-3/4	3/4"

Copper

0242	OD mm
EPS-CFCO-8	8
EPS-CFCO-10	10
EPS-CFCO-12	12
EPS-CFCO-15	15
EPS-CFCO-20	20
EPS-CFCO-22	22
EPS-CFCO-25	25
EPS-CFCO-28	28
EPS-CFCO-35	35
EPS-CFCO-42	42
EPS-CFCO-54	54
EPS-CFCO-3/4	3/4"

Compression Nuts



0242	OD mm
EPS-CFN-8	8
EPS-CFN-10	10
EPS-CFN-15	15
EPS-CFN-22	22
EPS-CFN-28	28

Stop Ends



0242	OD mm
EPS-CFSE-8	8
EPS-CFSE-10	10
EPS-CFSE-12	12
EPS-CFSE-15	15
EPS-CFSE-22	22
EPS-CFSE-28	28
EPS-CFSE-35	35
EPS-CFSE-42	42
EPS-CFSE-54	54

SOLDER RING

Manufactured from copper and copper alloy. Designed for jointing copper tubes to BS EN 1057 in hot and cold water services, in small bore and mini bore central heating, low pressure steam heating, and in-vented/un-vented closed circuit heating systems.

- WRAS approved
- Manufactured to BS EN 1254 Part 1



Working Temperature:
-40°C to +110°C

Maximum Working Pressure:
16 bar (-40°C to +30°C)
10 bar (+30°C to +65°C)
6 bar (+65°C to +110°C)

Couplings



Straight

0474	OD mm
M-SRSC10	10
M-SRSC-22	22
M-SRSC-28	28
M-SRSC-35	35
M-SRSC-42	42
M-SRSC-54	54

Tech Sheet 60249



Reducing Coupling

0474	OD mm	OD mm
M-SRRC-10-8	10	8
M-SRRC-15-10	15	10
M-SRRC-22-15	22	15
M-SRRC-28-22	28	22

Tech Sheet 60249



Reducing Fitting

0474	OD mm	OD mm
M-SRRF-22-15	22	15
M-SRRF-28-15	28	15
M-SRRF-28-22	28	22
M-SRRF-35-22	35	22
M-SRRF-35-28	35	28
M-SRRF-42-15	42	15
M-SRRF-42-28	42	28
M-SRRF-42-35	42	35
M-SRRF-54-22	54	22
M-SRRF-54-35	54	35
M-SRRF-54-42	54	42

Tech Sheet 60249

Elbows



90° Elbows

0474	OD mm
M-SR90-8	8
M-SR90-10	10
M-SR90-15	15
M-SR90-22	22
M-SR90-28	28
M-SR90-35	35
M-SR90-42	42
M-SR90-54	54

Tech Sheet 60249



45° Elbows

0474	OD mm
M-SR45EL-15	15
M-SR45EL-22	22
M-SR45EL-35	35
M-SR45EL-45	42

Tech Sheet 60249



Street Elbows

0474	OD mm
M-SRST90-15	15
M-SRST90-22	22
M-SRST90-28	28

Tech Sheet 60249

End Caps



End Caps

0474	OD mm
M-SREC-15	15
M-SREC-22	22

Tech Sheet 60249

Tees



Equal

0474	OD mm
M-SRET-10	10
M-SRET-15	15
M-SRET-22	22
M-SRET-28	28
M-SRET-42	42

Tech Sheet 60249



Reducing Branch

0474	OD mm	OD mm
M-SRRB-22-15	22	15
M-SRRB-28-15	28	15
M-SRRB-28-22	28	22
M-SRRB-42-15	42	15
M-SRRB-42-22	42	22
M-SRRB-42-28	42	28
M-SRRB-42-35	42	35
M-SRRB-54-15	54	15
M-SRRB-54-22	54	22
M-SRRB-54-28	54	28
M-SRRB-54-35	54	35
M-SRRB-54-42	54	42

Tech Sheet 60249

Tap Connectors



Straight

0474	OD mm	Thread
M-SRTC-15-12	15	1/2"
M-SRTC-15-34	15	3/4"
M-SRTC-22-34	22	3/4"

Tech Sheet 60249



Bent

0474	OD mm	Thread
M-SRBTC-15-12	15	1/2"

Tech Sheet 60249

END FEED FITTINGS

Designed for end-feeding with soft solder or hard solder (brazing alloy). Ideal for use in hot and cold water services, central heating, fuel services and general engineering applications.

- WRAS approved
- Manufactured to BS EN 1354 Part 1



Working Temperature:
-40°C to +110°C

Maximum Working Pressure:
Up to 28mm
25 bar (-40°C to +65°C), 16 bar (+110°C)
35mm to 54mm
25 bar (-40°C to +30°C), 16 bar (+65°C)
10 bar (+110°C)

Couplings



Straight

0474	OD mm
M-EFSC-28	28
M-EFSC-35	35
M-EFSC-42	42
M-EFSC-54	54

Tech Sheet 60249

Tap Connectors



Straight

0474	OD mm	Thread
M-EFTCS-15-12	15	1/2"
M-EFTCS-22-34	22	3/4"

Tech Sheet 60249



Bent

0474	OD mm	Thread
M-EFTCB-15-12	15	1/2"
M-EFTCB-15-34	15	3/4"
M-EFTCB-22-34	22	3/4"

Tech Sheet 60249

Crossovers



Part

0474	OD mm
M-EFCOP-15	15

Tech Sheet 60249

End Caps



End Caps

0474	OD mm
M-EFTC-8	8
M-EFTC-22	22
M-EFTC-28	28

Tech Sheet 60249

Elbows



90° Elbows

0474	OD mm
M-EF90E-10	10
M-EF90E-15	15
M-EF90E-22	22

Tech Sheet 60249



45° Elbows

0474	OD mm
M-EF45E-22	22
M-EF45E-42	42

Tech Sheet 60249

Tees



Equal

0474	OD mm
M-EFET-8	8
M-EFET-10	10
M-EFET-15	15
M-EFET-35	35
M-EFET-42	42
M-EFET-54	54

Tech Sheet 60249



Reducing Branch

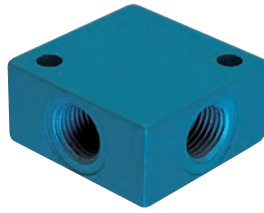
0474	OD mm	OD mm
M-EFRBT-22-15	22	15
M-EFRBT-28-22	28	22
M-EFRBT-35-15	35	15
M-EFRBT-35-22	35	22
M-EFRBT-35-28	35	28
M-EFRBT-42-15	42	15
M-EFRBT-42-22	42	22
M-EFRBT-42-28	42	28
M-EFRBT-42-35	42	35
M-EFRBT-54-28	54	28
M-EFRBT-54-35	54	35
M-EFRBT-54-42	54	42

Tech Sheet 60249

DISTRIBUTION MANIFOLDS



Equal Cross Manifolds



Female, BSPP

0315	Thread
KMDS-1/8	1/8"
KMDS-1/4	1/4"
KMDS-3/8	3/8"
KMDS-1/2	1/2"

Tech Sheet 3108

ALUMINIUM MANIFOLDS



Single Distribution Manifold

Working Temperature:
0°C to +80°C

Maximum Working Pressure:
12 bar



1/4" BSPT Inlet x 1/4" BSPT Outlet

1000	No. of Inlets	No. of Outlets
MD-2	2	2
MD-3	2	3
MD-4	2	4
MD-5	2	5

Single Distribution Manifold



1/4" BSPP Inlet x 1/8" BSPP Outlet

1000	No. of Inlets	No. of Outlets
DM13/3	2	3
DM13/4	2	4
DM13/5	2	5
DM13/6	2	6

Round Manifolds

Working Temperature:
0°C to +80°C

Maximum Working Pressure:
10 bar



1/4" BSPT Inlet x 1/4" BSPT Outlet

1000	No. of Inlets	No. of Outlets
M2-14	1	2

Round Manifolds

Working Temperature:
0°C to +80°C

Maximum Working Pressure:
10 bar



1/4" BSPT Inlet x 1/4" BSPT Outlet

1000	No. of Inlets	No. of Outlets
M3-14	1	3

Single Distribution Manifolds



1/8" BSPP Inlet x M5 Outlet

0012	No. of Inlets	No. of Outlets
MAN-155.02	2	2
MAN-155.06	2	6

Tech Sheet 12

1/4" BSPP Inlet x 1/8" BSPP Outlet

0012	No. of Inlets	No. of Outlets
MAN-151.02	2	2
MAN-151.03	2	3
MAN-151.04	2	4
MAN-151.05	2	5
MAN-151.06	2	6

Tech Sheet 12

3/8" BSPP Inlet x 1/8" BSPP Outlet

0012	No. of Inlets	No. of Outlets
MAN-153.03	2	3
MAN-153.04	2	4
MAN-153.05	2	5
MAN-153.06	2	6

Tech Sheet 12

3/8" BSPP Inlet x 1/4" BSPP Outlet

0012	No. of Inlets	No. of Outlets
MAN-152.02	2	2
MAN-152.03	2	3
MAN-152.04	2	4
MAN-152.05	2	5
MAN-152.06	2	6

Tech Sheet 12

1/2" BSPP Inlet x 1/4" BSPP Outlet

0012	No. of Inlets	No. of Outlets
MAN-154.02	2	2
MAN-154.03	2	3
MAN-154.04	2	4
MAN-154.05	2	5
MAN-154.06	2	6

Tech Sheet 12

1/2" BSPP Inlet x 3/8" BSPP Outlet

0012	No. of Inlets	No. of Outlets
MAN-156.02	2	2
MAN-156.03	2	3
MAN-156.04	2	4
MAN-156.05	2	5
MAN-156.06	2	6

Tech Sheet 12

1/2" BSPP Inlet x 1/2" BSPP Outlet

0012	No. of Inlets	No. of Outlets
MAN-157.02	2	2
MAN-157.03	2	3
MAN-157.04	2	4
MAN-157.05	2	5

Tech Sheet 12

Double Distribution Manifolds



1/8" BSPP Inlet x M5 Outlet

0012	No. of Inlets	No. of Outlets
MAN-155.22	2	5mm x 2 + 2

Tech Sheet 12

1/4" BSPP Inlet x 1/8" BSPP Outlet

0012	No. of Inlets	No. of Outlets
MAN-151.22	2	2 + 2
MAN-151.33	2	3 + 3
MAN-151.44	2	4 + 4
MAN-151.55	2	5 + 5

Tech Sheet 12

3/8" BSPP Inlet x 1/4" BSPP Outlet

0012	No. of Inlets	No. of Outlets
MAN-152.22	2	2 + 2
MAN-152.33	2	3 + 3
MAN-152.44	2	4 + 4
MAN-152.55	2	5 + 5

Tech Sheet 12

1/2" BSPP Inlet x 1/4" BSPP Outlet

0012	No. of Inlets	No. of Outlets
MAN-154.22	2	2 + 2
MAN-154.33	2	3 + 3
MAN-154.44	2	4 + 4
MAN-154.55	2	5 + 5

Tech Sheet 12

1/2" BSPP Inlet x 3/8" BSPP Outlet

0012	No. of Inlets	No. of Outlets
MAN-156.44	2	4 + 4
MAN-156.55	2	5 + 5

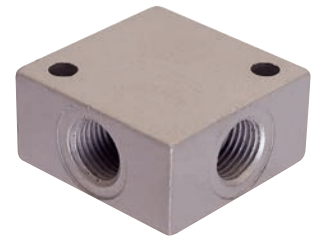
Tech Sheet 12

1/2" BSPP Inlet x 1/2" BSPP Outlet

0012	No. of Inlets	No. of Outlets
MAN-157.22	2	2 + 2
MAN-157.33	2	3 + 3
MAN-157.44	2	4 + 4
MAN-157.55	2	5 + 5

Tech Sheet 12

Equal Cross Manifolds



Female, BSPP

0012	Thread
MAN-145.8	1/8"
MAN-145.4	1/4"
MAN-145.3	3/8"
MAN-145.2	1/2"

Tech Sheet 12

A wide range of aluminium manifolds, ideal for multi-feeds and supplies in systems and for grouping valves.

Single Sided Manifold Block, Brass



1/8" BSPP Inlet x 1/8" BSPP Outlet

1420	No. of Outlets
MB02/04	4
MB02/06	6
MB02/08	8

1/4" BSPP Inlet x 1/4" BSPP Outlet

1420	No. of Outlets
MB04/02	2
MB04/04	4
MB04/06	6
MB04/08	8
MB04/10	10

3/8" BSPP Inlet x 3/8" BSPP Outlet

1420	No. of Outlets
MB06/04	4
MB06/06	6
MB06/08	8

1/2" BSPP Inlet x 1/2" BSPP Outlet

1420	No. of Outlets
MB08/04	4
MB08/06	6
MB08/08	8

3/4" BSPP Inlet x 3/4" BSPP Outlet

1420	No. of Outlets
MB12/04	4
MB12/06	6

Unequal Manifold Block, Brass



3/4" BSPP Inlet x 1/2" BSPP Outlet

1420	No. of Outlets
MB12/08/04	4

3/8" BSPP Inlet x 1/4" BSPP Outlet

1420	No. of Outlets
MB06/04/04	4
MB06/04/06	6
MB06/04/08	8



For **Hydraulic Ball Valves**
...see pages **238-240**

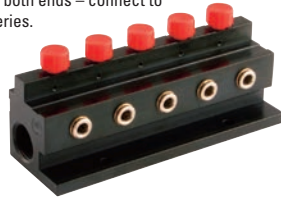
MINIFOLDS

Aluminium 5 & 10 Way Manifolds

Replace complex assemblies of valves and fittings with anodised aluminium Minifolds. Each Minifold comprises of a number of valved outlets on a common header. Minifold blocks have tapped inlet connections at both ends – connect to one and plug the other or connect Minifolds in series.

Working Temperature:
-20°C to +90°C

Maximum Working Pressure:
Vacuum to 10 bar



1/2" BSPP Inlet x 1/4" BSPP Outlet

0202	No. of Inlets	No. of Outlets
971-05-251	2	5
971-10-251	2	10

Tech Sheet 10556

1/2" BSPP Inlet x 6mm Outlet

0202	No. of Inlets	No. of Outlets
971-05-256	2	5
971-10-256	2	10

Tech Sheet 10556

3/4" BSPP Inlet x 3/8" BSPP Outlet

0202	No. of Inlets	No. of Outlets
975-05-272	2	5
975-10-272	2	10

Tech Sheet 10556

Specifications

Series 971: Nominal Bore 18mm
1/2" BSP Female or
1/2" NPT Female inlets
1/4" BSP Female or
1/4" NPT Female or 6mm
push-in outlets

Series 975: Nominal Bore 25mm
3/4" BSP Female or
3/4" NPT Female inlets
3/8" BSP Female or
3/8" NPT Female outlets

Materials:

Blocks: Anodised aluminium
Valve Spindles: Thermoplastic
(red for BSP, grey for NPT)
Seals: Nitrile
Push-in Fittings: Plated brass



1/2" NPT Inlet x 1/4" NPT Outlet

0202	No. of Inlets	No. of Outlets
971-10-263	2	10

Tech Sheet 10556

1/2" NPT Inlet x 6mm Outlet

0202	No. of Inlets	No. of Outlets
971-10-266	2	10

Tech Sheet 10556

Stainless Steel 4, 6 & 10 Way Manifolds

Working Temperature:
60 bar @ 40°C
40 bar @ 100°C
25 bar @ 150°C

Replace complex assemblies of valves and fitting with stainless steel manifolds. Each Minifold comprises of a number of ball valves on a common header.

Minifold blocks have tapped inlet connections at both ends – connect to one and plug the other or connect Minifold in series.

Specifications

Series 910: Nominal Bore 18mm
1/2" or 3/4" BSP Taper or NPT inlets
1/4" or 1/2" BSP Taper or NPT outlet
Supplied with two mounting brackets

Materials:

Blocks: 316 Stainless steel
Valve Body/Ball: 316 Stainless steel
Valve Handle: 304 Stainless steel
(Red for BSP, black for NPT)
Valve Seals: PTFE

stainless steel

1/2" BSPT Inlet x 1/4" BSPT Outlet

0202	No. of Inlets	No. of Outlets
910.04.SDP011414	2	4
910.06.SDP011414	2	6
910.10.SDP011414	2	10



3/4" BSPT Inlet x 1/2" BSPT Outlet

0202	No. of Inlets	No. of Outlets
910.04.SDP142828	2	4
910.06.SDP142828	2	6



3/4" NPT Inlet x 1/4" NPT Outlet

0202	No. of Inlets	No. of Outlets
910.04.SDP032727	2	4



3/4" BSPT Inlet x 1/4" BSPT Outlet

0202	No. of Inlets	No. of Outlets
910.04.SDP012828	2	4
910.10.SDP012828	2	10



1/2" NPT Inlet x 1/4" NPT Outlet

0202	No. of Inlets	No. of Outlets
910.04.SDP030606	2	4
910.06.SDP030606	2	6



3/4" NPT Inlet x 1/2" NPT Outlet

0202	No. of Inlets	No. of Outlets
910.04.SDP062727	2	4
910.06.SDP062727	2	6



Rotating Joints

- Viton seals as standard
- Suitable for fluids and air
- Units suitable for vacuum and non standard pressures available on request

Working Temperature:
-10°C to +85°C

Maximum Working Pressure:
12 bar



1 Inlet x 6 Outlets

0064	No. of Inlets	No. of Outlets	Rotation	RPM
300/V	1 x 3/8"	6 x 1/8"	Right/Left	300

Tech Sheet 29

Working Temperature:
-10°C to +85°C

Maximum Working Pressure:
12 bar



1 Inlet x 3 Outlets

0064	No. of Inlets	No. of Outlets	Rotation	RPM
302/V	1 x 3/8"	3 x 1/4"	Right/Left	300

Tech Sheet 29

Working Temperature:
-10°C to +85°C

Maximum Working Pressure:
12 bar



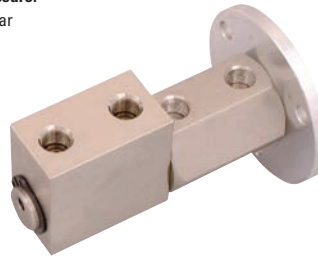
1 Inlet x 1 Outlet

0064	No. of Inlets	No. of Outlets	Rotation	RPM
303/V	1 x 1/8"	1 x 1/8"	Right/Left	550
304/V	1 x 1/4"	1 x 1/4"	Right/Left	550
305/V	1 x 3/8"	1 x 3/8"	Right/Left	300
307/V	1 x 3/4"	1 x 3/4"	Right/Left	160

Tech Sheet 30

Working Temperature:
-10°C to +85°C

Maximum Working Pressure:
12 bar



2 Independent Inlets & Outlets

0064	No. of Inlets	No. of Outlets	Rotation	RPM
312/V	2 x 1/4"	2 x 1/4"	Right/Left	200

Tech Sheet 31

Swivel Joints - Aluminium

Working Temperature:
0°C to +70°C

Maximum Working Pressure:
12 bar



Male x Female Thread, without Regulator

1000	Thread
RJ-14	1/4"



For Globe Valves
... see page 975

