

# HOSETAILS, ADAPTORS & COMPRESSION FITTINGS



652

PARKAIR  
Brass Hosetails  
& Adaptors –  
Unplated



670

AIGNEP  
Aluminium  
Manifolds



656

PARKAIR  
Brass Hosetails  
& Adaptors –  
Plated



670

PARKAIR  
Brass Manifolds



657

PARKAIR  
Temporary  
Rubber Assembly  
Lubricant

New  
Additions



671

PARKAIR  
Brass Nickel  
Plated Push-In  
Fittings

New  
Additions



658

AIGNEP  
Brass Hosetails  
& Adaptors –  
Plated



673

AIGNEP  
Brass Plated  
Push-In Fittings



663

PARKAIR  
PTFE Thread  
Sealing Tape



677

AIGNEP  
High Pressure  
Push-In Fittings



665

PARKAIR  
Pneumatic  
Repair Kits



678

AIGNEP  
Swift-fit Universal  
Push-In Fittings



666

AIGNEP  
Silencers



680

AIGNEP  
Food Quality  
Push-In Fittings



668

E.MC  
Silencers



681

AIGNEP  
Push-On Fittings

# HOSETAILS, ADAPTORS & COMPRESSION FITTINGS

New  
Additions



686

AIGNEP  
Universal  
Compression  
Fittings



711

TEFEN  
Quick Release  
Fittings



691

PARKAIR  
Imperial  
Compression  
Fittings

New  
Additions



711

TEFEN  
Valves



693

PARKAIR  
Brass  
Compression  
Fittings



712

PARKAIR  
316L Stainless  
Steel Push-In  
Fittings



698

PARKAIR  
Copper Tube



713

AIGNEP  
Stainless Steel  
One-Touch  
Fittings



698

PARKAIR  
Black  
PVC Covered  
Copper Tube



715

AIGNEP  
Stainless Steel  
Adaptors



699

NORMA GROUP  
Plastic Hosetails  
& Adaptors



717

PARKAIR  
Free Angle  
Fittings



701

TEFEN  
Plastic Hosetails  
& Adaptors



717

COILHOSE  
Free Angle  
Fittings

### SPECIFICATIONS

Suitability	Water and low pressure pneumatics
Working temperature	-40°C to +80°C (-40°F to +176°F)
Maximum working pressure	30 bar (435 psi)

### MATERIALS

Connectors and nuts	Machined brass JIS3604
Elbows and tees	Forged and machined brass JIS3771

### ASSEMBLY INSTRUCTIONS

- 1 Cut hose clearly and squarely to length
- 2 Slide clamp on hose
- 3 Lubricate hose. Push hose on fitting until hose bottoms against stop ring or hex
- 4 Position hose clamp and secure with screwdriver or wrench



### UNPLATED HOSETAIL BSPT MALE TO HOSE BARB

3505

### EQUAL STRAIGHT HOSETAIL IMPERIAL HOSE BARB

3505

PART NUMBER	MALE	HOSE ID	PRICE
BMH 02/02U	1/8" BSPT	1/8"	£1.26
BMH 02/03U	1/8" BSPT	3/16"	£1.43
BMH 02/04U	1/8" BSPT	1/4"	£2.17
BMH 02/05U	1/8" BSPT	5/16"	£1.48
BMH 02/06U	1/8" BSPT	3/8"	£2.54
BMH 04/02U	1/4" BSPT	1/8"	£1.70
BMH 04/03U	1/4" BSPT	3/16"	£2.26
BMH 04/04U	1/4" BSPT	1/4"	£2.10
BMH 04/05U	1/4" BSPT	5/16"	£2.22
BMH 04/06U	1/4" BSPT	3/8"	£2.69
BMH 04/08U	1/4" BSPT	1/2"	£3.00
BMH 06/03U	3/8" BSPT	3/16"	£2.66
BMH 06/04U	3/8" BSPT	1/4"	£2.72
BMH 06/05U	3/8" BSPT	5/16"	£3.05
BMH 06/06U	3/8" BSPT	3/8"	£3.22
BMH 06/08U	3/8" BSPT	1/2"	£3.67
BMH 06/12U	3/8" BSPT	3/4"	£4.21
BMH 08/04U	1/2" BSPT	1/4"	£4.57
BMH 08/06U	1/2" BSPT	3/8"	£5.28
BMH 08/08U	1/2" BSPT	1/2"	£5.51
BMH 08/10U	1/2" BSPT	5/8"	£6.67
BMH 08/12U	1/2" BSPT	3/4"	£7.35
BMH 08/16U	1/2" BSPT	1"	£7.32
BMH 12/06U	3/4" BSPT	3/8"	£8.45
BMH 12/08U	3/4" BSPT	1/2"	£8.80
BMH 12/10U	3/4" BSPT	5/8"	£7.08
BMH 12/12U	3/4" BSPT	3/4"	£10.08
BMH 12/16U	3/4" BSPT	1"	£14.98
BMH 16/08U	1" BSPT	1/2"	£15.07
BMH 16/12U	1" BSPT	3/4"	£15.12
BMH 16/16U	1" BSPT	1"	£19.89
BMH 16/20U	1" BSPT	1 1/4"	£17.48
BMH 20/20U	1 1/4" BSPT	1 1/4"	£27.27
BMH 24/24U	1 1/2" BSPT	1 1/2"	£33.81
BMH 32/32U	2" BSPT	2"	£38.84

PART NUMBER	HOSE ID	PRICE
ptSJN-316	3/16"	£2.22
ptSJN-14	1/4"	£2.00
ptSJN-516	5/16"	£2.00
ptSJN-38	3/8"	£2.77
ptSJN-12	1/2"	£5.01
ptSJN-34	3/4"	£8.29



### EQUAL TEE HOSETAIL IMPERIAL HOSE BARB

3505

PART NUMBER	HOSE ID	PRICE
ptTJN-18	1/8"	£3.64
ptTJN-316	3/16"	£3.71
ptTJN-14	1/4"	£3.94
ptTJN-516	5/16"	£4.09
ptTJN-38	3/8"	£5.07
ptTJN-12	1/2"	£8.02
ptTJN-58	5/8"	£10.75
ptTJN-34	3/4"	£22.43



### EQUAL 'Y' HOSETAIL IMPERIAL HOSE BARB

3505

PART NUMBER	HOSE ID	PRICE
ptYJN-14	1/4"	£3.94
ptYJN-516	5/16"	£4.09
ptYJN-38	3/8"	£5.71
ptYJN-12	1/2"	£9.49



### EQUAL CROSS HOSETAIL IMPERIAL HOSE BARB

3505

PART NUMBER	HOSE ID	PRICE
ptCJN-14	1/4"	£5.43
ptCJN-516	5/16"	£7.24
ptCJN-38	3/8"	£12.60
ptCJN-12	1/2"	£15.14

### HOSETAIL NPT MALE TO HOSE BARB

3505

PART NUMBER	MALE	HOSE ID	PRICE
BMHN02/02U	1/8" NPT	1/8"	£1.01
BMHN02/03U	1/8" NPT	3/16"	£1.08
BMHN02/04U	1/8" NPT	1/4"	£1.71
BMHN04/04U	1/4" NPT	1/4"	£2.10
BMHN04/05U	1/4" NPT	5/16"	£2.25
BMHN04/06U	1/4" NPT	3/8"	£3.30
BMHN06/04U	3/8" NPT	1/4"	£2.79
BMHN06/05U	3/8" NPT	5/16"	£2.95
BMHN06/06U	3/8" NPT	3/8"	£3.25
BMHN06/08U	3/8" NPT	1/2"	£4.02
BMHN08/06U	1/2" NPT	3/8"	£5.35
BMHN08/08U	1/2" NPT	1/2"	£5.59
BMHN08/10U	1/2" NPT	5/8"	£6.83
BMHN16/16U	1" NPT	1"	£21.82



You may also need ...

### Assembly lubricant

... on page 657, section 13



Please note: hose barbs in this range are an interference fit

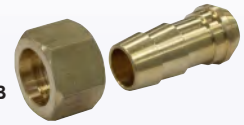
**HOSETAIL FIXED  
BSP FEMALE TO HOSE BARB**



3505

PART NUMBER	THREAD	HOSE ID	PRICE
SE08-CM102	1/8" BSPP	1/4"	£2.35
SE08-CM103	1/8" BSPP	3/8"	£2.92
SE08-CM202	1/4" BSPP	1/4"	£2.95
SE08-CM203	1/4" BSPP	3/8"	£4.22
SE08-CM204	1/4" BSPP	1/2"	£4.52
SE08-CM302	3/8" BSPP	1/4"	£4.92
SE08-CM303	3/8" BSPP	3/8"	£4.29
SE08-CM304	3/8" BSPP	1/2"	£6.18
SE08-CM402	1/2" BSPP	1/4"	£6.81
SE08-CM403	1/2" BSPP	3/8"	£7.62
SE08-CM404	1/2" BSPP	1/2"	£6.36

**SWIVEL NUT HOSETAIL  
BSP FEMALE TO HOSE BARB  
60° CONED**



3505

PART NUMBER	THREAD	HOSE ID	PRICE
SE10-202	1/4" BSPP	1/4"	£3.08
SE10-2025	1/4" BSPP	5/16"	£4.21
SE10-203	1/4" BSPP	3/8"	£4.58
SE10-303	3/8" BSPP	3/8"	£7.21
SE10-404	1/2" BSPP	1/2"	£7.41
SE10-606	3/4" BSPP	3/4"	£12.29

**ELBOW HOSETAIL  
BSPT MALE TO HOSE BARB**



3505

PART NUMBER	THREAD	HOSE ID	PRICE
SA01-LT101	1/8" BSPT	1/8"	£2.99
SA01-LT202	1/4" BSPT	1/4"	£4.23
SA01-LT303	3/8" BSPT	3/8"	£5.89
SA01-LT404	1/2" BSPT	1/2"	£9.69

**ELBOW HOSETAIL  
BSP FEMALE TO HOSE BARB**



3505

PART NUMBER	THREAD	HOSE ID	PRICE
SA15-LM2025	1/4" BSPP	5/16"	£7.48
SA15-LM203	1/4" BSPP	3/8"	£6.58
SA15-LM303	3/8" BSPP	3/8"	£10.32
SA15-LM304	3/8" BSPP	1/2"	£10.24

**EQUAL ELBOW  
BSPT MALE**



3505

PART NUMBER	MALE	PRICE
SA02-L101	1/8" BSPT	£3.26
SA02-L202	1/4" BSPT	£4.32
SA02-L303	3/8" BSPT	£7.42
SA02-L404	1/2" BSPT	£10.96

**UNION ELBOW  
BSPP FEMALE**



3505

PART NUMBER	FEMALE	PRICE
SA07-L101	1/8" BSPP	£2.76
SA07-L202	1/4" BSPP	£4.71
SA07-L303	3/8" BSPP	£8.09
SA07-L404	1/2" BSPP	£11.02

**EQUAL TEE  
BSPT MALE**



3505

PART NUMBER	MALE	PRICE
SA04-T1	1/8" BSPT	£3.57
SA04-T2	1/4" BSPT	£6.00
SA04-T3	3/8" BSPT	£9.72
SA04-T4	1/2" BSPT	£13.47

**EQUAL 'Y' PIECE  
BSPT MALE / FEMALE**



3505

PART NUMBER	MALE	FEMALE	PRICE
SA03-Y1	1/8" BSPT	1/8" BSPP	£5.91
SA03-Y2	1/4" BSPT	1/4" BSPP	£6.22
SA03-Y3	3/8" BSPT	3/8" BSPP	£6.92
SA03-Y4	1/2" BSPT	1/2" BSPP	£11.64

**EQUAL ELBOW  
BSPT MALE / BSPP FEMALE**



3505

PART NUMBER	MALE	FEMALE	PRICE
SA06-L1	1/8" BSPT	1/8" BSPP	£3.34
SA06-L2	1/4" BSPT	1/4" BSPP	£4.46

**EQUAL 'Y' PIECE  
BSPT FEMALE / FEMALE**



3505

PART NUMBER	FEMALE	FEMALE	PRICE
SA05-Y1	1/8" BSPP	1/8" BSPP	£6.20
SA05-Y2	1/4" BSPP	1/4" BSPP	£7.22
SA05-Y3	3/8" BSPP	3/8" BSPP	£9.36
SA05-Y4	1/2" BSPP	1/2" BSPP	£16.60

Please note: hose barbs in this range are an interference fit



**UNION TEE  
BSPP FEMALE**

3505

PART NUMBER	FEMALE	PRICE
SA09-S1	1/8" BSPP	£4.09
SA09-S2	1/4" BSPP	£6.83
SA09-S3	3/8" BSPP	£10.25
SA09-S4	1/2" BSPP	£18.47



**HEXAGONAL HEAD PLUG  
BSPT MALE**

3505

PART NUMBER	MALE	PRICE
SA18-1	1/8" BSPT	£0.87
SA18-2	1/4" BSPT	£1.35
SA18-3	3/8" BSPT	£2.24
SA18-4	1/2" BSPT	£4.16



**45° EQUAL ELBOW  
BSPT MALE / BSPP FEMALE**

3505

PART NUMBER	MALE	FEMALE	PRICE
SA12-1	1/8" BSPT	1/8" BSPP	£4.96
SA12-2	1/4" BSPT	1/4" BSPP	£6.99



**REDUCING NIPPLE  
BSPT MALE**

3505

PART NUMBER	MALE	MALE	PRICE
BRC 04/02U	1/4" BSPT	1/8" BSPT	£1.63
BRC 06/02U	3/8" BSPT	1/8" BSPT	£2.10
BRC 06/04U	3/8" BSPT	1/4" BSPT	£2.33
BRC 08/02U	1/2" BSPT	1/8" BSPT	£3.37
BRC 08/04U	1/2" BSPT	1/4" BSPT	£3.92
BRC 08/06U	1/2" BSPT	3/8" BSPT	£4.20
BRC 12/04U	3/4" BSPT	1/4" BSPT	£6.92
BRC 12/06U	3/4" BSPT	3/8" BSPT	£8.31
BRC 12/08U	3/4" BSPT	1/2" BSPT	£8.25
BRC 16/08U	1" BSPT	1/2" BSPT	£14.11
BRC 16/12U	1" BSPT	3/4" BSPT	£29.27



**EQUAL NIPPLE  
BSPT MALE**

3505

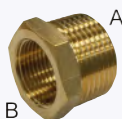
PART NUMBER	MALE	PRICE
BEC 02/02U	1/8" BSPT	£0.95
BEC 04/04U	1/4" BSPT	£2.33
BEC 06/06U	3/8" BSPT	£3.20
BEC 08/08U	1/2" BSPT	£5.13
BEC 12/12U	3/4" BSPT	£9.06
BEC 16/16U	1" BSPT	£15.43



**EQUAL SOCKET  
BSPP FEMALE**

3505

PART NUMBER	FEMALE	PRICE
BFFA 02U	1/8" BSPP	£1.84
BFFA 04U	1/4" BSPP	£2.72
BFFA 06U	3/8" BSPP	£5.08
BFFA 08U	1/2" BSPP	£5.91
BFFA 12U	3/4" BSPP	£12.56



**REDUCING BUSH  
BSPT MALE / BSPP FEMALE**

3505

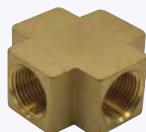
PART NUMBER	MALE A	FEMALE B	PRICE
BMFB 04/02U	1/4" BSPT	1/8" BSPP	£1.43
BMFB 06/02U	3/8" BSPT	1/8" BSPP	£2.72
BMFB 06/04U	3/8" BSPT	1/4" BSPP	£2.00
BMFB 08/02U	1/2" BSPT	1/8" BSPP	£5.80
BMFB 08/04U	1/2" BSPT	1/4" BSPP	£4.77
BMFB 08/06U	1/2" BSPT	3/8" BSPP	£3.20
BMFB 12/04U	3/4" BSPT	1/4" BSPP	£14.70
BMFB 12/06U	3/4" BSPT	3/8" BSPP	£8.38
BMFB 12/08U	3/4" BSPT	1/2" BSPP	£6.00
BMFB 16/04U	1" BSPT	1/4" BSPP	£15.97
BMFB 16/06U	1" BSPT	3/8" BSPP	£14.33
BMFB 16/08U	1" BSPT	1/2" BSPP	£13.60
BMFB 16/12U	1" BSPT	3/4" BSPP	£10.62



**PLUG  
BSPT MALE**

3505

PART NUMBER	MALE	TYPE	PRICE
SA08-1-1	1/8" BSPT	Hollow	£1.06
SA08-2-1	1/4" BSPT	Hollow	£1.78
SA08-3-1	3/8" BSPT	Hollow	£2.82
SA08-4-1	1/2" BSPT	Hollow	£4.46
SA08-6-1	3/4" BSPT	Solid	£8.43
SA08-8-1	1" BSPT	Solid	£15.18



**UNION CROSS  
BSPP FEMALE**

3505

PART NUMBER	FEMALE	PRICE
SA10-S1	1/8" BSPP	£5.91
SA10-S2	1/4" BSPP	£8.42
SA10-S3	3/8" BSPP	£13.27
SA10-S4	1/2" BSPP	£14.30



**BULKHEAD CONNECTOR  
BSP CONED MALE**

3505

PART NUMBER	MALE	PRICE
BHC02/02U	1/8" BSP	£5.83
BHC04/04U	1/4" BSP	£6.76
BHC06/06U	3/8" BSP	£8.12
BHC08/08U	1/2" BSP	£17.88



**NIPPLE**  
BSPT MALE / NPT MALE

3505

PART NUMBER	THREAD	THREAD	PRICE
BECBN04/04U	1/4" BSPT	1/4" NPT	£2.41
BECBN06/06U	3/8" BSPT	3/8" NPT	£3.25
BECBN08/08U	1/2" BSPT	1/2" NPT	£5.19



**EQUAL SOCKET**  
NPT FEMALE

3505

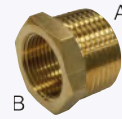
PART NUMBER	FEMALE	PRICE
BFFAN02/02U	1/8" NPT	£1.87
BFFAN04/04U	1/4" NPT	£2.79
BFFAN06/06U	3/8" NPT	£5.19
BFFAN08/08U	1/2" NPT	£6.05



**EQUAL NIPPLE**  
NPT MALE

3505

PART NUMBER	THREAD	PRICE
BECN02U	1/8" NPT	£1.01
BECN04U	1/4" NPT	£2.41
BECN06U	3/8" NPT	£3.25
BECN08U	1/2" NPT	£5.19



**BUSH**  
NPT MALE / NPT FEMALE

3505

PART NUMBER	MALE A	FEMALE B	PRICE
BMFBN04/02U	1/4" NPT	1/8" NPT	£1.47
BMFBN06/04U	3/8" NPT	1/4" NPT	£2.01
BMFBN08/06U	1/2" NPT	3/8" NPT	£3.25



**REDUCING NIPPLE**  
NPT

3505

PART NUMBER	THREAD A	THREAD B	PRICE
BRCN04/02U	1/4" NPT	1/8" NPT	£1.63
BRCN06/04U	3/8" NPT	1/4" NPT	£2.33
BRCN08/04U	1/2" NPT	1/4" NPT	£4.31
BRCN08/06U	1/2" NPT	3/8" NPT	£4.61



**EQUAL TEE**  
NPT FEMALE

3505

PART NUMBER	FEMALE	PRICE
BFTN02U	1/8" NPT	£3.18
BFTN04U	1/4" NPT	£5.66
BFTN06U	3/8" NPT	£10.47
BFTN08U	1/2" NPT	£13.57



**EQUAL ELBOW**  
NPT FEMALE

3505

PART NUMBER	FEMALE	PRICE
BFELN02U	1/8" NPT	£2.25
BFELN04U	1/4" NPT	£4.81
BFELN06U	3/8" NPT	£8.23
BFELN08U	1/2" NPT	£11.25



**SOLID PLUG**  
NPT MALE

3505

PART NUMBER	MALE	PRICE
BHSPN02U	1/8" NPT	£1.62
BHSPN04U	1/4" NPT	£2.87
BHSPN06U	3/8" NPT	£4.15
BHSPN08U	1/2" NPT	£6.79



**EQUAL ELBOW**  
NPT MALE / NPT FEMALE

3505

PART NUMBER	MALE A	FEMALE B	PRICE
BMFLN02U	1/8" NPT	1/8" NPT	£3.41
BMFLN04U	1/4" NPT	1/4" NPT	£4.58
BMFLN06U	3/8" NPT	3/8" NPT	£6.59
BMFLN08U	1/2" NPT	1/2" NPT	£11.32



**HEXAGONAL HOLLOW PLUG**  
NPT MALE

3505

PART NUMBER	MALE	PRICE
BHHPN02U	1/8" NPT	£1.01
BHHPN04U	1/4" NPT	£1.63
BHHPN06U	3/8" NPT	£2.64
BHHPN08U	1/2" NPT	£4.11

### SPECIFICATIONS

Working temperature	-54°C to +121°C (-65°F to +250°F)
Maximum working pressure	69 bar (1000 psi)

### MATERIALS

Connectors	Machined brass JIS3604
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**PLATED HOSETAIL  
BSPT MALE TO HOSE BARB**

3505



**SWIVEL 60° CONE SEAT HOSETAIL  
BSPP FEMALE TO HOSE BARB**

3510

PART NUMBER	MALE	HOSE ID	PRICE
BMH 02/02	1/8" BSPT	1/8"	£1.26
BMH 02/03	1/8" BSPT	3/16"	£1.43
BMH 02/04	1/8" BSPT	1/4"	£1.46
BMH 02/05	1/8" BSPT	5/16"	£1.83
BMH 02/06	1/8" BSPT	3/8"	£2.99
BMH 04/03	1/4" BSPT	3/16"	£2.26
BMH 04/04	1/4" BSPT	1/4"	£2.25
BMH 04/05	1/4" BSPT	5/16"	£2.25
BMH 04/06	1/4" BSPT	3/8"	£2.71
BMH 04/08	1/4" BSPT	1/2"	£3.00
BMH 06/03	3/8" BSPT	3/16"	£2.70
BMH 06/04	3/8" BSPT	1/4"	£2.72
BMH 06/05	3/8" BSPT	5/16"	£3.15
BMH 06/06	3/8" BSPT	3/8"	£3.22
BMH 06/08	3/8" BSPT	1/2"	£3.68
BMH 06/12	3/8" BSPT	3/4"	£5.57
BMH 08/04	1/2" BSPT	1/4"	£5.62
BMH 08/05	1/2" BSPT	5/16"	£5.62
BMH 08/06	1/2" BSPT	3/8"	£5.28
BMH 08/08	1/2" BSPT	1/2"	£5.51
BMH 08/10	1/2" BSPT	5/8"	£7.87
BMH 08/12	1/2" BSPT	3/4"	£7.35
BMH 08/16	1/2" BSPT	1"	£8.69
BMH 12/06	3/4" BSPT	3/8"	£8.28
BMH 12/08	3/4" BSPT	1/2"	£8.80
BMH 12/10	3/4" BSPT	5/8"	£9.57
BMH 12/12	3/4" BSPT	3/4"	£10.08
BMH 12/16	3/4" BSPT	1"	£14.98
BMH 16/08	1" BSPT	1/2"	£15.95
BMH 16/12	1" BSPT	3/4"	£15.12
BMH 16/16	1" BSPT	1"	£16.89
BMH 16/20	1" BSPT	1 1/4"	£17.90
BMH 16/24	1" BSPT	1 1/2"	£23.93
BMH 20/16	1 1/4" BSPT	1"	£25.08
BMH 20/20	1 1/4" BSPT	1 1/4"	£27.69
BMH 20/24	1 1/4" BSPT	1 1/2"	£39.18
BMH 24/24	1 1/2" BSPT	1 1/2"	£34.82
BMH 32/32	2" BSPT	2"	£40.45

PART NUMBER	FEMALE	HOSE ID	PRICE
BFH 02/02	1/8" BSPP	1/8"	£3.50
BFH 02/03	1/8" BSPP	3/16"	£3.76
BFH 02/04	1/8" BSPP	1/4"	£3.77
BFH 04/03	1/4" BSPP	3/16"	£4.18
BFH 04/04	1/4" BSPP	1/4"	£4.43
BFH 04/05	1/4" BSPP	5/16"	£4.80
BFH 06/04	3/8" BSPP	1/4"	£5.28
BFH 06/05	3/8" BSPP	5/16"	£5.57
BFH 06/06	3/8" BSPP	3/8"	£5.84
BFH 06/08	3/8" BSPP	1/2"	£7.01
BFH 08/06	1/2" BSPP	3/8"	£10.76
BFH 08/08	1/2" BSPP	1/2"	£7.77
BFH 12/08	3/4" BSPP	1/2"	£9.67
BFH 12/10	3/4" BSPP	5/8"	£13.36
BFH 12/12	3/4" BSPP	3/4"	£23.30
BFH 16/16	1" BSPP	1"	£22.39

**SWIVEL FLAT FACED HOSETAIL  
BSPP FEMALE TO HOSE BARB**  
Supplied complete with fibre washer



3510

PART NUMBER	FEMALE	HOSE ID	PRICE
BFWFH 02/03	1/8" BSPP	3/16"	£3.30
BFWFH 02/04	1/8" BSPP	1/4"	£3.45
BFWFH 04/04	1/4" BSPP	1/4"	£4.77
BFWFH 04/05	1/4" BSPP	5/16"	£4.73
BFWFH 04/06	1/4" BSPP	3/8"	£7.62
BFWFH 04/08	1/4" BSPP	1/2"	£7.46
BFWFH 06/04	3/8" BSPP	1/4"	£4.93
BFWFH 06/06	3/8" BSPP	3/8"	£5.43
BFWFH 06/08	3/8" BSPP	1/2"	£6.01
BFWFH 08/06	1/2" BSPP	3/8"	£8.68
BFWFH 08/08	1/2" BSPP	1/2"	£9.30
BFWFH 12/08	3/4" BSPP	1/2"	£22.80
BFWFH 12/10	3/4" BSPP	5/8"	£22.80
BFWFH 12/12	3/4" BSPP	3/4"	£22.80
BFWFH 16/16	1" BSPP	1"	£24.58

**PLATED HOSETAIL  
NPT MALE TO HOSE BARB**



3505

PART NUMBER	MALE	HOSE ID	PRICE
BMH02/03N	1/8" NPT	3/16"	£2.55
BMH02/04N	1/8" NPT	1/4"	£0.45
BMH04/03N	1/4" NPT	3/16"	£3.81
BMH04/04N	1/4" NPT	1/4"	£2.71

**60° CONE PLATED HOSETAIL  
BSPP MALE 60° CONE TO HOSE BARB**



3505

PART NUMBER	MALE	HOSE ID	PRICE
BMH 04/04P	1/4" BSPP	1/4"	£6.00
BMH 04/06P	1/4" BSPP	3/8"	£6.00
BMH 04/08P	1/4" BSPP	1/2"	£8.52
BMH 06/06P	3/8" BSPP	3/8"	£10.71
BMH 06/08P	3/8" BSPP	1/2"	£8.59
BMH 08/06P	1/2" BSPP	3/8"	£17.67
BMH 08/08P	1/2" BSPP	1/2"	£14.05
BMH 12/08P	3/4" BSPP	1/2"	£13.58
BMH 12/12P	3/4" BSPP	3/4"	£25.27

Please note: hose barbs in this range are an interference fit

## HOSETAILS & ADAPTORS – PLATED



**REDUCING BUSH  
BSPT MALE / BSPP FEMALE**

3510

PART NUMBER	MALE A	FEMALE B	PRICE
BMFB 04/02	1/4" BSPT	1/8" BSPP	£1.43
BMFB 06/02	3/8" BSPT	1/8" BSPP	£2.72
BMFB 06/04	3/8" BSPT	1/4" BSPP	£2.00
BMFB 08/02	1/2" BSPT	1/4" BSPP	£5.80
BMFB 08/04	1/2" BSPT	1/4" BSPP	£4.77
BMFB 08/06	1/2" BSPT	3/8" BSPP	£3.20
BMFB 12/04	3/4" BSPT	1/4" BSPP	£15.19
BMFB 12/06	3/4" BSPT	3/8" BSPP	£8.87
BMFB 12/08	3/4" BSPT	1/2" BSPP	£6.49
BMFB 16/06	1" BSPT	3/8" BSPP	£14.78
BMFB 16/08	1" BSPT	1/2" BSPP	£14.01
BMFB 16/12	1" BSPT	3/4" BSPP	£10.62



**EQUAL CONNECTOR  
BSPT MALE**

3505

PART NUMBER	MALE	PRICE
BEC 02/02	1/8" BSPT	£1.26
BEC 04/04	1/4" BSPT	£2.33
BEC 06/06	3/8" BSPT	£3.20
BEC 08/08	1/2" BSPT	£5.13
BEC 12/12	3/4" BSPT	£9.06
BEC 16/16	1" BSPT	£15.39



**REDUCING CONNECTOR  
BSPT MALE**

3510

PART NUMBER	MALE A	MALE B	PRICE
BRC 04/02	1/4" BSPT	1/8" BSPT	£1.86
BRC 06/02	3/8" BSPT	1/8" BSPT	£2.67
BRC 06/04	3/8" BSPT	1/4" BSPT	£2.67
BRC 08/02	1/2" BSPT	1/8" BSPT	£4.12
BRC 08/04	1/2" BSPT	1/4" BSPT	£3.92
BRC 08/06	1/2" BSPT	3/8" BSPT	£4.20
BRC 12/04	3/4" BSPT	1/4" BSPT	£6.92
BRC 12/06	3/4" BSPT	3/8" BSPT	£8.31
BRC 12/08	3/4" BSPT	1/2" BSPT	£8.25
BRC 16/08	1" BSPT	1/2" BSPT	£13.35
BRC 16/12	1" BSPT	3/4" BSPT	£15.88



**EQUAL CONNECTOR  
BSPP FEMALE**

3505

PART NUMBER	FEMALE	PRICE
BFFA 02	1/8" BSPP	£1.84
BFFA 04	1/4" BSPP	£2.72
BFFA 06	3/8" BSPP	£5.08
BFFA 08	1/2" BSPP	£5.91
BFFA 12	3/4" BSPP	£12.56
BFFA 16	1" BSPP	£19.39



**REDUCING CONNECTOR  
BSPT MALE TO BSPP FEMALE**

3505

PART NUMBER	MALE	FEMALE	PRICE
BMFR 02/04	1/8" BSPT	1/4" BSPP	£6.13
BMFR 04/04	1/4" BSPT	1/4" BSPP	£4.62
BMFR 04/06	1/4" BSPT	3/8" BSPP	£5.72
BMFR 04/08	1/4" BSPT	1/2" BSPP	£9.15
BMFR 06/06	3/8" BSPT	3/8" BSPP	£5.45
BMFR 06/08	3/8" BSPT	1/2" BSPP	£9.15
BMFR 08/12	1/2" BSPT	3/4" BSPP	£14.88
BMFR 12/16	3/4" BSPT	1" BSPP	£18.17



**HOSE REPAIR CONNECTOR  
HOSE BARB TO HOSE BARB**

3510

PART NUMBER	HOSE ID	HOSE ID	PRICE
BHRC 02/02	1/8"	1/8"	£1.94
BHRC 03/03	3/16"	3/16"	£2.00
BHRC 04/04	1/4"	1/4"	£2.01
BHRC 05/05	5/16"	5/16"	£2.46
BHRC 06/04	3/8"	1/4"	£3.47
BHRC 06/06	3/8"	3/8"	£3.49
BHRC 08/04	1/2"	1/4"	£4.81
BHRC 08/06	1/2"	3/8"	£4.81
BHRC 08/08	1/2"	1/2"	£4.84
BHRC 08/09	1/2"	9/16"	£5.07
BHRC 10/10	5/8"	5/8"	£6.33
BHRC 12/12	3/4"	3/4"	£8.02
BHRC 16/16	1"	1"	£14.44

## LUBRICANT

### FEATURES

P-80 emulsion is a unique assembly aid, formulated to provide temporary lubrication, making inserts easy to install, remove or manipulate. For use in manufacturing operations involving natural or synthetic rubber or plastics. Water based, biodegradable, non-flammable, and ready to use.



**P-80 EMULSION  
TEMPORARY RUBBER  
ASSEMBLY LUBRICANT**

9110

PART NUMBER	SIZE	PRICE
F P80	1 litre	£29.20

Please note: hose barbs in this range are an interference fit



## TECHNICAL DATA

Nickel plated brass threaded adaptors are the largest of the Aignep ranges. Countless configurations available in multiple sizes: nipples, reducers, plugs, tees, elbows, hose adaptors. High performance pressure and temperatures (300°C). Sharp threads BSPT, BSPP and Metric. Aluminium manifolds and silencers complete the range.

## MAIN ADVANTAGES

- Complete range M5 – 1"
- All fluids compatible
- Mechanical resistance
- Standard and bayonet connections
- Silicone free

## APPLICATIONS

- Compressed air
- Pneumatic automation
- Industrial water circuits
- Inert gases, fluids and steam
- Vacuum

## COMPONENT PARTS AND MATERIALS

The main part of the fitting is made in OT UNI EN 12164/5 CW614/7N and undergoes a nickel plating process. Different materials will be specified in the catalogue.

## REFERENCE STANDARDS

1907/2005, 2011/65/CE, PED 2014/68/UE, silicone free.

## THREADS

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

## TEMPERATURES

Maximum temperature 300°C.  
It must be taken into account that the pressure values indicated are calculated considering a safety factor of 4. We advise you to contact us if you use them in particular working conditions.

## MAXIMUM PRESSURES ADVISED

1/8"	150 bar (2176 psi)
1/4"	100 bar (1450 psi)
3/8"	75 bar (1088 psi)
1/2"	50 bar (725 psi)
3/4"	85 bar (1233 psi)
1"	80 bar (1160 psi)



1420



1420

## HOSETAIL BSPT MALE TO HOSE BARB

PART NUMBER	MALE	HOSE ID	PRICE
A340-04-1/8	1/8" BSPT	4 mm	£1.95
A340-06-1/8	1/8" BSPT	6 mm	£1.68
A340-06-1/4	1/4" BSPT	6 mm	£1.88
A340-07-1/8	1/8" BSPT	7 mm	£1.68
A340-07-1/4	1/4" BSPT	7 mm	£1.88
A340-08-1/8	1/8" BSPT	8 mm	£1.75
A340-08-1/4	1/4" BSPT	8 mm	£1.95
A340-09-1/8	1/8" BSPT	9 mm	£1.75
A340-09-1/4	1/4" BSPT	9 mm	£1.95
A340-09-3/8	3/8" BSPT	9 mm	£2.85
A340-09-1/2	1/2" BSPT	9 mm	£4.00
A340-10-1/8	1/8" BSPT	10 mm	£1.75
A340-10-1/4	1/4" BSPT	10 mm	£1.95
A340-10-3/8	3/8" BSPT	10 mm	£2.85
A340-10-1/2	1/2" BSPT	10 mm	£4.00
A340-11-1/8	1/8" BSPT	11 mm	£2.85
A340-12-1/4	1/4" BSPT	12 mm	£2.02
A340-12-3/8	3/8" BSPT	12 mm	£2.85
A340-12-1/2	1/2" BSPT	12 mm	£4.27
A340-14-3/8	3/8" BSPT	14 mm	£3.02
A340-14-1/2	1/2" BSPT	14 mm	£4.30
A340-15-1/4	1/4" BSPT	15 mm	£3.02
A340-16-3/8	3/8" BSPT	16 mm	£3.12
A340-16-1/2	1/2" BSPT	16 mm	£4.40
A340-16-3/4	3/4" BSPT	16 mm	£7.05
A340-17-3/8	3/8" BSPT	17 mm	£3.46
A340-17-1/2	1/2" BSPT	17 mm	£4.37
A340-18-3/8	3/8" BSPT	18 mm	£4.37
A340-18-1/2	1/2" BSPT	18 mm	£4.47
A340-18-3/4	3/4" BSPT	18 mm	£7.12
A340-20-3/8	3/8" BSPT	20 mm	£5.44
A340-20-1/2	1/2" BSPT	20 mm	£6.45
A340-20-3/4	3/4" BSPT	20 mm	£9.27
A340-25-3/4	3/4" BSPT	25 mm	£9.71
A340-25-1	1" BSPT	25 mm	£15.01
A340-34-1	1" BSPT	34 mm	£21.53

## HOSETAIL FIXED BSPP FEMALE TO HOSE BARB

PART NUMBER	FEMALE	HOSE ID	PRICE
A350-06-1/8	1/8" BSPP	6 mm	£2.38
A350-6-1/4	1/4" BSPP	6 mm	£2.49
A350-07-1/8	1/8" BSPP	7 mm	£2.38
A350-07-1/4	1/4" BSPP	7 mm	£2.49
A350-08-1/4	1/4" BSPP	8 mm	£2.75
A350-09-1/4	1/4" BSPP	9 mm	£2.75
A350-09-3/8	3/8" BSPP	9 mm	£3.36
A350-10-1/4	1/4" BSPP	10 mm	£2.92
A350-10-3/8	3/8" BSPP	10 mm	£3.36
A350-12-3/8	3/8" BSPP	12 mm	£3.36
A350-12-1/2	1/2" BSPP	12 mm	£5.17



1420

## HOSETAIL WITH O-RING BSPP MALE TO HOSE BARB

PART NUMBER	MALE	HOSE ID	PRICE
A344-4.5-M5	M5	4.5 mm	£1.98
A344-6-1/4	1/4" BSPP	6 mm	£2.45
A344-07-1/8	1/8" BSPP	7 mm	£1.95
A344-07-1/4	1/4" BSPP	7 mm	£2.45
A344-08-1/8	1/8" BSPP	8 mm	£1.95
A344-08-1/4	1/4" BSPP	8 mm	£2.45
A344-09-1/8	1/8" BSPP	9 mm	£2.08
A344-8-3/8	3/8" BSPP	8 mm	£3.06
A344-8-1/2	1/2" BSPP	8 mm	£5.31
A344-09-1/4	1/4" BSPP	9 mm	£2.55
A344-09-3/8	3/8" BSPP	9 mm	£3.06
A344-10-1/4	1/4" BSPP	10 mm	£2.55
A344-10-3/8	3/8" BSPP	10 mm	£3.19
A344-10-1/2	1/2" BSPP	10 mm	£5.31
A344-12-1/4	1/4" BSPP	12 mm	£2.55
A344-12-3/8	3/8" BSPP	12 mm	£3.19
A344-12-1/2	1/2" BSPP	12 mm	£5.31
A344-13-1/2	1/2" BSPP	13 mm	£5.31
A344-14-1/4	1/4" BSPP	14 mm	£3.51
A344-14-3/8	3/8" BSPP	14 mm	£3.76
A344-14-1/2	1/2" BSPP	14 mm	£5.68
A344-17-3/8	3/8" BSPP	17 mm	£3.76
A344-17-1/2	1/2" BSPP	17 mm	£5.68
A344-19-3/4	3/4" BSPP	19 mm	£19.04
A344-20-3/4	3/4" BSPP	20 mm	£19.04
A344-25-1	1" BSPP	25 mm	£24.08
A344-27-1	1" BSPP	27 mm	£24.08

## HOSETAIL BSPP MALE TO HOSE BARB



1420

PART NUMBER	MALE	HOSE ID	PRICE
A345-3-M5	M5	3.0 mm	£2.18
A345-4-1/8	1/8" BSPP	4.0 mm	£1.78
A345-4.5-M5	M5	4.5 mm	£1.21
A345-6-1/8	1/8" BSPP	6.0 mm	£1.81
A345-6-1/4	1/4" BSPP	6.0 mm	£2.32
A345-07-1/8	1/8" BSPP	7.0 mm	£1.81
A345-07-1/4	1/4" BSPP	7.0 mm	£2.32
A345-08-1/8	1/8" BSPP	8.0 mm	£1.88
A345-08-1/4	1/4" BSPP	8.0 mm	£2.35
A345-09-1/8	1/8" BSPP	9.0 mm	£1.91
A345-09-1/4	1/4" BSPP	9.0 mm	£2.35
A345-09-3/8	3/8" BSPP	9.0 mm	£3.06
A345-12-1/4	1/4" BSPP	12.0 mm	£2.45
A345-12-3/8	3/8" BSPP	12.0 mm	£3.06
A345-12-1/2	1/2" BSPP	12.0 mm	£5.17
A345-17-3/8	3/8" BSPP	17.0 mm	£3.46
A345-17-1/2	1/2" BSPP	17.0 mm	£5.27

## EQUAL HOSETAIL CONNECTOR HOSE BARB TO HOSE BARB



1420

PART NUMBER	HOSE ID	PRICE
A347-06	6 mm	£3.12
A347-08	8 mm	£3.43
A347-10	10 mm	£3.76
A347-12	12 mm	£4.40

For assembly lubricant – see page 657

## EQUAL CONNECTOR BSPT MALE



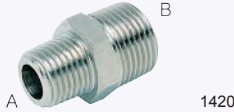
PART NUMBER	MALE THREAD	PRICE
A200-1/8	1/8" BSPT	£1.14
A200-1/4	1/4" BSPT	£1.68
A200-3/8	3/8" BSPT	£2.32
A200-1/2	1/2" BSPT	£3.93
A200-3/4	3/4" BSPT	£6.88
A200-1	1" BSPT	£15.31

## EQUAL CONNECTOR BSPP MALE



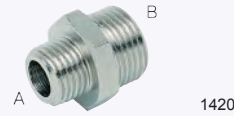
PART NUMBER	MALE THREAD	PRICE
A210-M3	M3	£1.24
A210-M5	M5	£1.18
A210-1/8	1/8" BSPP	£1.31
A210-1/4	1/4" BSPP	£1.98
A210-3/8	3/8" BSPP	£2.65
A210-1/2	1/2" BSPP	£4.30
A210-3/4	3/4" BSPP	£11.86
A210-1	1" BSPP	£18.47

## REDUCING CONNECTOR BSPT MALE / BSPT MALE



PART NUMBER	THREAD A	THREAD B	PRICE
A220-18-14	1/8" BSPT	1/4" BSPT	£1.68
A220-18-38	1/8" BSPT	3/8" BSPT	£2.08
A220-18-12	1/8" BSPT	1/2" BSPT	£4.00
A220-14-38	1/4" BSPT	3/8" BSPT	£2.22
A220-14-12	1/4" BSPT	1/2" BSPT	£3.63
A220-38-12	3/8" BSPT	1/2" BSPT	£3.69
A220-12-34	1/2" BSPT	3/4" BSPT	£6.55
A220-34-1	3/4" BSPT	1" BSPT	£14.51

## REDUCING CONNECTOR BSPP MALE / BSPP MALE



PART NUMBER	THREAD A	THREAD B	PRICE
A230-M5-18	M5	1/8" BSPP	£1.58
A230-18-14	1/8" BSPP	1/4" BSPP	£1.91
A230-18-38	1/8" BSPP	3/8" BSPP	£2.15
A230-14-38	1/4" BSPP	3/8" BSPP	£2.25
A230-14-12	1/4" BSPP	1/2" BSPP	£3.76
A230-38-12	3/8" BSPP	1/2" BSPP	£4.03
A230-12-34	1/2" BSPP	3/4" BSPP	£7.32

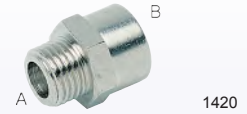
## ADAPTOR BSPT MALE / BSPP FEMALE



PART NUMBER	MALE A	FEMALE B	PRICE
A240-18-18	1/8" BSPT	1/8" BSPP	£1.38
A240-18-14	1/8" BSPT	1/4" BSPP	£1.88
A240-18-38	1/8" BSPT	3/8" BSPP	£3.36
A240-14-14	1/4" BSPT	1/4" BSPP	£2.12
A240-14-38	1/4" BSPT	3/8" BSPP	£3.26
A240-14-12	1/4" BSPT	1/2" BSPP	£5.14
A240-38-38	3/8" BSPT	3/8" BSPP	£3.66
A240-38-12	3/8" BSPT	1/2" BSPP	£5.17
A240-38-34	3/8" BSPT	3/4" BSPP	£12.86
A240-12-12	1/2" BSPT	1/2" BSPP	£5.84
A240-12-34	1/2" BSPT	3/4" BSPP	£8.80
A240-34-1	3/4" BSPT	1" BSPP	£22.40

New Additions

## ADAPTOR EXTENDED BSPP MALE / BSPP FEMALE



PART NUMBER	MALE A	FEMALE B	PRICE
A250-M5-18	M5	1/8" BSPP	£1.34
A250-18-18	1/8" BSPP	1/8" BSPP	£1.34
A250-18-14	1/8" BSPP	1/4" BSPP	£1.91
A250-18-38	1/8" BSPP	3/8" BSPP	£3.83
A250-14-14	1/4" BSPP	1/4" BSPP	£2.02
A250-14-38	1/4" BSPP	3/8" BSPP	£2.92
A250-14-12	1/4" BSPP	1/2" BSPP	£4.74
A250-38-38	3/8" BSPP	3/8" BSPP	£3.43
A250-38-12	3/8" BSPP	1/2" BSPP	£5.00
A250-12-12	1/2" BSPP	1/2" BSPP	£5.71
A250-12-34	1/2" BSPP	3/4" BSPP	£15.18

## EQUAL CONNECTOR BSPP FEMALE



PART NUMBER	FEMALE THREAD	PRICE
A300-M5	M5	£1.48
A300-1/8	1/8" BSPP	£1.58
A300-1/4	1/4" BSPP	£2.08
A300-3/8	3/8" BSPP	£3.26
A300-1/2	1/2" BSPP	£5.44
A300-3/4	3/4" BSPP	£9.57
A300-1	1" BSPP	£20.82

## REDUCING CONNECTOR BSPP FEMALE / BSPP FEMALE



PART NUMBER	THREAD	THREAD	PRICE
A310-M5-18	M5	1/8" BSPP	£1.88
A310-18-14	1/8" BSPP	1/4" BSPP	£2.22
A310-18-38	1/8" BSPP	3/8" BSPP	£3.06
A310-18-12	1/8" BSPP	1/2" BSPP	£4.10
A310-14-38	1/4" BSPP	3/8" BSPP	£3.46
A310-14-12	1/4" BSPP	1/2" BSPP	£4.03
A310-38-12	3/8" BSPP	1/2" BSPP	£4.90
A310-12-34	1/2" BSPP	3/4" BSPP	£12.59
A310-12-1	1/2" BSPP	1" BSPP	£16.76
A310-34-1	3/4" BSPP	1" BSPP	£18.98

## SWIVEL NIPPLE BSPP MALE / BSPP MALE



PART NUMBER	THREAD	PRICE
A2116-1/8	1/8" BSPP	£4.10
A2116-1/4	1/4" BSPP	£5.51
A2116-3/8	3/8" BSPP	£10.65
A2116-1/2	1/2" BSPP	£17.23
A2116-3/4	3/4" BSPP	£31.17
A2116-1	1" BSPP	£42.35

## HOSETAIL ELBOW BSPT MALE TO HOSE BARB



PART NUMBER	MALE	HOSE ID	PRICE
A355-618	1/8" BSPT	6 mm	£3.43
A355-718	1/8" BSPT	7 mm	£3.43
A355-614	1/4" BSPT	6 mm	£3.63
A355-714	1/4" BSPT	7 mm	£3.63
A355-914	1/4" BSPT	9 mm	£4.03

## EQUAL 3 PIECE CONNECTOR UNPLATED BSPT MALE



1420

PART NUMBER	MALE THREAD	PRICE
A260-1/8	1/8" BSPT	£5.00
A260-1/4	1/4" BSPT	£6.41
A260-3/8	3/8" BSPT	£8.40
A260-1/2	1/2" BSPT	£25.02
A260-3/4	3/4" BSPT	£31.27
A260-1	1" BSPT	£49.97

## EXTENSION CONNECTOR BSPP MALE / BSPP FEMALE



1420

PART NUMBER	MALE	FEMALE	LENGTH	PRICE
A270-M5-18.5	M5	M5	18.5 mm	£1.58
A270-1/8-22	1/8" BSPP	1/8" BSPP	22.0 mm	£1.81
A270-1/8-32	1/8" BSPP	1/8" BSPP	32.0 mm	£3.43
A270-1/8-42	1/8" BSPP	1/8" BSPP	42.0 mm	£3.43
A270-1/8-51	1/8" BSPP	1/8" BSPP	51.0 mm	£5.44
A270-1/4-35	1/4" BSPP	1/4" BSPP	35.0 mm	£3.22
A270-1/4-51	1/4" BSPP	1/4" BSPP	51.0 mm	£4.77
A270-3/8	3/8" BSPP	3/8" BSPP	32.0 mm	£7.35
A270-1/2	1/2" BSPP	1/2" BSPP	35.0 mm	£10.31

## REDUCING BUSH BSPT MALE / BSPP FEMALE



1420

PART NUMBER	MALE A	FEMALE B	PRICE
A280-14-18	1/4" BSPT	1/8" BSPP	£1.31
A280-38-18	3/8" BSPT	1/8" BSPP	£1.85
A280-38-14	3/8" BSPT	1/4" BSPP	£1.71
A280-12-18	1/2" BSPT	1/8" BSPP	£3.26
A280-12-14	1/2" BSPT	1/4" BSPP	£3.06
A280-12-38	1/2" BSPT	3/8" BSPP	£2.55
A280-34-38	3/4" BSPT	3/8" BSPP	£6.11
A280-34-12	3/4" BSPT	1/2" BSPP	£4.74
A280-1-12	1" BSPT	1/2" BSPP	£10.75
A280-1-34	1" BSPT	3/4" BSPP	£10.31
A280-114-12	1 1/4" BSPT	1/2" BSPP	£32.34
A280-114-34	1 1/4" BSPT	3/4" BSPP	£32.34
A280-114-1	1 1/4" BSPT	1" BSPP	£32.34
A280-112-1	1 1/2" BSPT	1" BSPP	£37.85
A280-2-1	2" BSPT	1" BSPP	£55.18

New Additions

## REDUCING BUSH BSPP MALE / BSPP FEMALE



1420

PART NUMBER	MALE A	FEMALE B	PRICE
A290-M5-M3	M5	M3	£1.58
A290-18-M5	1/8" BSPP	M5	£1.34
A290-14-M5	1/4" BSPP	M5	£2.12
A290-14-18	1/4" BSPP	1/8" BSPP	£1.65
A290-38-18	3/8" BSPP	1/8" BSPP	£2.02
A290-38-14	3/8" BSPP	1/4" BSPP	£1.91
A290-12-18	1/2" BSPP	1/8" BSPP	£3.43
A290-12-14	1/2" BSPP	1/4" BSPP	£3.09
A290-12-38	1/2" BSPP	3/8" BSPP	£2.92
A290-34-14	3/4" BSPP	1/4" BSPP	£8.06
A290-34-38	3/4" BSPP	3/8" BSPP	£6.48
A290-34-12	3/4" BSPP	1/2" BSPP	£6.25
A290-1-12	1" BSPP	1/2" BSPP	£14.11
A290-1-34	1" BSPP	3/4" BSPP	£13.40

## SWIVEL NIPPLE BSPT MALE / BSPT FEMALE



1420

PART NUMBER	THREAD	LENGTH	PRICE
A2110-1/8	1/8" BSPT	25.0 mm	£3.76
A2110-1/4	1/4" BSPT	33.0 mm	£4.50
A2110-3/8	3/8" BSPT	35.5 mm	£5.84

## SWIVEL NIPPLE BSPP MALE / BSPP FEMALE



1420

PART NUMBER	THREAD	LENGTH	PRICE
A2115-1/8	1/8" BSPP	24.5 mm	£4.10
A2115-1/4	1/4" BSPP	31.0 mm	£5.04
A2115-3/8	3/8" BSPP	34.5 mm	£6.48

## BULKHEAD CONNECTOR



1420

PART NUMBER	FEMALE A	MALE B	PRICE
A360-M5	M5	M10 x 1.0	£2.65
A360-1/8	1/8" BSPP	M16 x 1.5	£3.93
A360-1/4	1/4" BSPP	M20 x 1.5	£6.65
A360-3/8	3/8" BSPP	M26 x 1.5	£10.75
A360-1/2	1/2" BSPP	M28 x 1.5	£13.16
A360-3/4	3/4" BSPP	M33 x 1.5	£30.93

## ADAPTOR FEMALE / MALE



1420

PART NUMBER	MALE	FEMALE	PRICE
A82241-18	1/8" NPTF	1/8" BSPP	£2.12
A82241-14	1/4" NPTF	1/4" BSPP	£3.83
A82241-38	3/8" NPTF	3/8" BSPP	£8.97

## ADAPTOR FEMALE / MALE



1420

PART NUMBER	MALE	FEMALE	PRICE
A82242-18	1/8" BSPP	1/8" NPTF	£2.15
A82242-14	1/4" BSPP	1/4" NPTF	£3.06
A82242-38	3/8" BSPP	3/8" NPTF	£8.40
A82242-12	1/2" BSPP	1/2" NPTF	£11.25

## RED CONNECTOR WITH NBR O-RING



1420

PART NUMBER	MALE	FEMALE	PRICE
A292-M7-M5	M7	M5	£2.38
A292-18-M5	1/8" BSPP	M5	£1.51
A292-14-M5	1/4" BSPP	M5	£1.91
A292-14-18	1/4" BSPP	1/8" BSPP	£1.85
A292-38-18	3/8" BSPP	1/8" BSPP	£2.69
A292-38-14	3/8" BSPP	1/4" BSPP	£2.45
A292-12-18	1/2" BSPP	1/8" BSPP	£4.77
A292-12-14	1/2" BSPP	1/4" BSPP	£4.37
A292-12-38	1/2" BSPP	3/8" BSPP	£4.00
A292-34-14	3/4" BSPP	1/4" BSPP	£9.54
A292-34-38	3/4" BSPP	3/8" BSPP	£9.17
A292-34-12	3/4" BSPP	1/2" BSPP	£8.03

## PLUG BSPT MALE



1420

PART NUMBER	THREAD	PRICE
A325-1/8	1/8" BSPT	£1.04
A325-1/4	1/4" BSPT	£1.24
A325-3/8	3/8" BSPT	£1.48
A325-1/2	1/2" BSPT	£2.42

## PLUG BSPP MALE



1420

PART NUMBER	THREAD	PRICE
A326-1/8	1/8" BSPP	£1.04
A326-1/4	1/4" BSPP	£1.24
A326-3/8	3/8" BSPP	£1.54
A326-1/2	1/2" BSPP	£2.49
A326-3/4	3/4" BSPP	£5.24

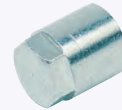
## BLANKING PLUG BSPP MALE



1420

PART NUMBER	THREAD	PRICE
A320-M5	M5	£1.14
A320-1/8	1/8" BSPP	£1.11
A320-1/4	1/4" BSPP	£1.48
A320-3/8	3/8" BSPP	£1.95
A320-1/2	1/2" BSPP	£3.29
A320-3/4	3/4" BSPP	£5.34
A320-1	1" BSPP	£10.21

## BLANKING CAP BSPP FEMALE



1420

PART NUMBER	THREAD	PRICE
A330-1/8	1/8" BSPP	£1.04
A330-1/4	1/4" BSPP	£1.75
A330-3/8	3/8" BSPP	£2.55
A330-1/2	1/2" BSPP	£4.03

## BLANKING PLUG WITH HEXAGON RECESS BSPP MALE – NBR 'O' RING



1420

PART NUMBER	THREAD	PRICE
A315-M5	M5	£1.28
A315-M7	M7	£1.24
A315-M8	M8	£1.24
A315-M10	M10	£1.24
A315-M12	M12	£1.51
A315-1/8	1/8" BSPP	£1.24
A315-1/4	1/4" BSPP	£1.44
A315-3/8	3/8" BSPP	£2.02
A315-1/2	1/2" BSPP	£3.49
A315-3/4	3/4" BSPP	£10.11
A315-1	1" BSPP	£11.49

## BSPP MALE – VITON™ 'O' RING

PART NUMBER	THREAD	PRICE
A315V-M5	M5	£1.44
A315V-1/8	1/8" BSPP	£1.51
A315V-1/4	1/4" BSPP	£1.98
A315V-3/8	3/8" BSPP	£2.82
A315V-1/2	1/2" BSPP	£4.37

## METRIC LOCKNUT



1420

PART NUMBER	THREAD	PRICE
A174-M10X1	M10 x 1.0	£0.91
A174-M16X1.5	M16 x 1.5	£1.44
A174-M20X1.5	M20 x 1.5	£1.98
A174-M26X1.5	M26 x 1.5	£3.36
A174-M28X1.5	M28 x 1.5	£4.10
A174-M33X1.5	M33 x 1.5	£7.96

## NUT BSPP THREAD



1420

PART NUMBER	THREAD	PRICE
A296-1/8	1/8" BSPP	£0.97
A296-1/4	1/4" BSPP	£1.07
A296-3/8	3/8" BSPP	£1.24
A296-1/2	1/2" BSPP	£1.58

## TAPER PLUGS BSPT MALE



1420

PART NUMBER	THREAD	PRICE
A321-1/8	1/8" BSPT	£1.75
A321-1/4	1/4" BSPT	£1.95
A321-3/8	3/8" BSPT	£2.42
A321-1/2	1/2" BSPT	£4.43
A321-3/4	3/4" BSPT	£7.02
A321-1	1" BSPT	£13.20

## REDUCING BUSH – UNPLATED BSPP MALE / BSPP FEMALE



1420

PART NUMBER	MALE	FEMALE	PRICE
A295-14-18	1/4" BSPP	1/8" BSPP	£0.84
A295-38-14	3/8" BSPP	1/4" BSPP	£1.48
A295-12-38	1/2" BSPP	3/8" BSPP	£1.85
A295-34-12	3/4" BSPP	1/2" BSPP	£3.76
A295-1-34	1" BSPP	3/4" BSPP	£5.91



**EQUAL TEE  
BSPP FEMALE**

1420

PART NUMBER	THREAD	PRICE
A400-1/8	1/8" BSPP	£3.46
A400-1/4	1/4" BSPP	£5.00
A400-3/8	3/8" BSPP	£7.89
A400-1/2	1/2" BSPP	£12.90
A400-3/4	3/4" BSPP	£17.63
A400-1	1" BSPP	£30.73



**EQUAL TEE  
BSPT MALE**

1420

PART NUMBER	THREAD	PRICE
A410-1/8	1/8" BSPT	£3.66
A410-1/4	1/4" BSPT	£5.17
A410-3/8	3/8" BSPT	£7.89
A410-1/2	1/2" BSPT	£12.90
A410-3/4	3/4" BSPT	£17.63
A410-1	1" BSPT	£30.73



**CENTRE LEG TEE  
BSPT MALE / BSPP FEMALE**

1420

PART NUMBER	MALE A	FEMALE B	PRICE
A420-1/8	1/8" BSPT	1/8" BSPP	£3.83
A420-1/4	1/4" BSPT	1/4" BSPP	£5.27
A420-3/8	3/8" BSPT	3/8" BSPP	£7.89
A420-1/2	1/2" BSPT	1/2" BSPP	£12.90
A420-3/4	3/4" BSPT	3/4" BSPP	£17.63
A420-1	1" BSPT	1" BSPP	£30.73



**CENTRE LEG TEE  
BSPT MALE / BSPP FEMALE**

1420

PART NUMBER	MALE A	FEMALE B	PRICE
A440-1/8	1/8" BSPT	1/8" BSPP	£3.66
A440-1/4	1/4" BSPT	1/4" BSPP	£5.00
A440-3/8	3/8" BSPT	3/8" BSPP	£7.89
A440-1/2	1/2" BSPT	1/2" BSPP	£12.90
A440-3/4	3/4" BSPT	3/4" BSPP	£17.63
A440-1	1" BSPT	1" BSPP	£30.73



**OFF SET MALE TEE  
BSPT MALE / BSPP FEMALE**

1420

PART NUMBER	MALE A	FEMALE B	PRICE
A450-1/8	1/8" BSPT	1/8" BSPP	£3.66
A450-1/4	1/4" BSPT	1/4" BSPP	£5.00
A450-3/8	3/8" BSPT	3/8" BSPP	£7.89
A450-1/2	1/2" BSPT	1/2" BSPP	£12.90
A450-3/4	3/4" BSPT	3/4" BSPP	£17.63
A450-1	1" BSPT	1" BSPP	£30.73



**OFF SET FEMALE TEE  
BSPT MALE / BSPP FEMALE**

1420

PART NUMBER	MALE A	FEMALE B	PRICE
A430-1/8	1/8" BSPT	1/8" BSPP	£3.83
A430-1/4	1/4" BSPT	1/4" BSPP	£5.27
A430-3/8	3/8" BSPT	3/8" BSPP	£7.89
A430-1/2	1/2" BSPT	1/2" BSPP	£12.90
A430-3/4	3/4" BSPT	3/4" BSPP	£17.63
A430-1	1" BSPT	1" BSPP	£30.73

New Additions



**ELBOW  
BSPT MALE**

1420

PART NUMBER	MALE THREAD	PRICE
<b>A500-M5</b>	M5	£3.86
A500-1/8	1/8" BSPT	£2.96
A500-1/4	1/4" BSPT	£3.93
A500-3/8	3/8" BSPT	£5.74
A500-1/2	1/2" BSPT	£9.27
A500-3/4	3/4" BSPT	£13.13
A500-1	1" BSPT	£21.26

New Additions



**ELBOW  
BSPP FEMALE**

1420

PART NUMBER	FEMALE THREAD	PRICE
<b>A510-M5</b>	M5	£3.86
A510-1/8	1/8" BSPP	£3.02
A510-1/4	1/4" BSPP	£4.16
A510-3/8	3/8" BSPP	£5.74
A510-1/2	1/2" BSPP	£9.27
A510-3/4	3/4" BSPP	£13.13
A510-1	1" BSPP	£21.26

New Additions



**ELBOW  
BSPT MALE / BSPP FEMALE**

1420

PART NUMBER	MALE A	FEMALE B	PRICE
<b>A520-M5</b>	M5	M5	£3.86
A520-1/8	1/8" BSPT	1/8" BSPP	£2.85
A520-1/4	1/4" BSPT	1/4" BSPP	£3.93
A520-3/8	3/8" BSPT	3/8" BSPP	£5.74
A520-1/2	1/2" BSPT	1/2" BSPP	£9.27
A520-3/4	3/4" BSPT	3/4" BSPP	£13.13
A520-1	1" BSPT	1" BSPP	£21.26

**PARKAIR®**



**THREAD SEALING TAPE  
PTFE**



2900

PART NUMBER	DESCRIPTION	PRICE
PTFE TAPE	12 m x 12 mm x 0.075	£1.05

WRAS Approval No. 130750. Suitable for potable water and oxygen BS7786:2006 Grade L


**EQUAL Y PIECE  
BSPT MALE / BSPP FEMALE**

1420

PART NUMBER	MALE A	FEMALE B	PRICE
A600-1/8	1/8" BSPT	1/8" BSPP	£4.50
A600-1/4	1/4" BSPT	1/4" BSPP	£5.44
A600-3/8	3/8" BSPT	3/8" BSPP	£9.50
A600-1/2	1/2" BSPT	1/2" BSPP	£14.64


**EQUAL Y PIECE  
BSPP FEMALE**

1420

PART NUMBER	FEMALE THREAD	PRICE
A610-1/8	1/8" BSPP	£4.50
A610-1/4	1/4" BSPP	£5.44
A610-3/8	3/8" BSPP	£9.50
A610-1/2	1/2" BSPP	£14.64


**EQUAL CROSS  
BSPP FEMALE**

1420

PART NUMBER	FEMALE THREAD	PRICE
A620-1/8	1/8" BSPP	£6.21
A620-1/4	1/4" BSPP	£7.89
A620-3/8	3/8" BSPP	£11.72
A620-1/2	1/2" BSPP	£18.71


**EQUAL CROSS  
BSPT MALE / BSPP FEMALE**

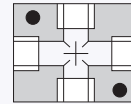
1420

PART NUMBER	MALE	FEMALE	PRICE
A625-1/8	1/8" BSPT	1/8" BSPP	£6.21
A625-1/4	1/4" BSPT	1/4" BSPP	£7.89
A625-3/8	3/8" BSPT	3/8" BSPP	£11.72
A625-1/2	1/2" BSPT	1/2" BSPP	£18.71


**EQUAL CROSS  
BSPT MALE**

1420

PART NUMBER	MALE THREAD	PRICE
A630-1/8	1/8" BSPT	£5.98
A630-1/4	1/4" BSPT	£7.49
A630-3/8	3/8" BSPT	£11.12
A630-1/2	1/2" BSPT	£17.20


**TEE CROSS ANODISED ALUMINIUM  
BSPP FEMALE**

1420

PART NUMBER	FEMALE	LENGTH (L)	PRICE
A640-1/8	1/8" BSPP	25 mm	£6.31
A640-1/4	1/4" BSPP	40 mm	£9.91
A640-3/8	3/8" BSPP	50 mm	£15.11
A640-1/2	1/2" BSPP	50 mm	£17.77


**BLOCK ELBOW  
BSPT MALE / BSPP FEMALE**

1420

PART NUMBER	MALE A	FEMALE B	PRICE
A670-1/8	1/8" BSPT	1/8" BSPP	£4.27
A670-1/4	1/4" BSPT	1/4" BSPP	£5.71


**BLOCK TEE  
BSPT MALE / BSPP FEMALE**

1420

PART NUMBER	MALE A	FEMALE B	PRICE
A680-1/8	1/8" BSPT	1/8" BSPP	£4.77
A680-1/4	1/4" BSPT	1/4" BSPP	£6.25


**90° BRACKET FITTING  
FEMALE**

1420

PART NUMBER	FEMALE THREAD	PRICE
A550-1/2	1/2" BSPP	£14.24


**SINGLE BANJO BODY  
FEMALE**

1420

PART NUMBER	FEMALE THREAD	PRICE
A690-1/8	1/8" BSPP	£3.29
A690-1/4	1/4" BSPP	£4.16
A690-3/8	3/8" BSPP	£5.81

## HOSE ADAPTORS FOR PLASTIC TUBE

### SPECIFICATIONS

Temperature range	-10°C to +80°C (14°F to 176°F)
Minimum pressure	-0.99 bar (-14 psi)
Maximum pressure	10 bar (145 psi)
Suitability	Compressed air
For use with	Flexible tubes in plastic: polyamide, polyethylene, polyurethane

### MATERIALS

Hose adaptors	Brass
Body	Technopolymer



### STRAIGHT HOSETAIL

#### MALE THREAD TO HOSE BARB

1420

PART NUMBER	THREAD	HOSE ID	PRICE
A15000-M502	M5	2 mm	£1.88
A15000-M503	M5	3 mm	£1.88
A15000-M504	M5	4 mm	£1.88
A15000-M506	M5	6 mm	£2.08



### EQUAL HOSETAIL ELBOW

#### HOSE BARB

1420

PART NUMBER	HOSE ID	PRICE
A15130-02	2 mm	£4.33
A15130-03	3 mm	£4.33
A15130-04	4 mm	£4.80
A15130-06	6 mm	£4.80



### REDUCING / EQUAL HOSETAIL

#### HOSE BARB

1420

PART NUMBER	HOSE ID	HOSE ID	PRICE
A15040-0202	2 mm	2 mm	£2.25
A15040-0302	3 mm	2 mm	£2.25
A15040-0303	3 mm	3 mm	£2.25
A15040-0403	4 mm	3 mm	£2.55
A15040-0404	4 mm	4 mm	£2.55
A15040-0604	6 mm	4 mm	£2.55
A15040-0606	6 mm	6 mm	£2.55



### EQUAL HOSETAIL TEE

#### HOSE BARB

1420

PART NUMBER	HOSE ID	PRICE
A15230-02	2 mm	£5.31
A15230-03	3 mm	£5.31
A15230-04	4 mm	£5.74
A15230-06	6 mm	£5.74

## REPAIR KITS

### PNEUMATIC REPAIR KIT CONTENTS

1 x A320 – 1/2	1 x A410 – 1/8	1 x A520 – 1/2	1 x BFFA 06	2 x CDPC0803N	2 x CDPGJ1008N	1 x CDPUL06N
1 x A320 – 1/4	1 x A410 – 3/8	1 x A520 – 1/4	1 x BFFA 08	2 x CDPC1004N	2 x CDPPO4N	1 x CDPUL08N
1 x A320 – 1/8	1 x A500 – 1/2	1 x A520 – 1/8	1 x BMFB 04/02	2 x CDPCF0401N	2 x CDPP06N	1 x CDPUL10N
1 x A320 – 3/8	1 x A500 – 1/4	1 x A520 – 3/8	1 x BMFB 06/04	2 x CDPCF0601N	2 x CDPP08N	1 x CDPUL04N
1 x A400 – 1/2	1 x A500 – 1/8	1 x BEC 02/02	1 x BMFB 08/04	2 x CDPCF0602N	2 x CDPP10N	1 x CDPUL06N
1 x A400 – 1/4	1 x A500 – 3/8	1 x BEC 04/04	1 x BMFB 08/06	2 x CDPCF0802N	2 x CDPUC04N	1 x CDPUL08N
1 x A400 – 1/8	1 x A510 – 1/2	1 x BEC 06/06	2 x CDPC0401N	2 x CDPCF0803N	2 x CDPUC06N	1 x CDPUL10N
1 x A400 – 3/8	1 x A510 – 1/4	1 x BEC 08/08	2 x CDPC0601N	2 x CDPCF1003N	2 x CDPUC08N	1 x D-TC14
1 x A410 – 1/2	1 x A510 – 1/8	1 x BFFA 02	2 x CDPC0602N	2 x CDPGJ0604N	2 x CDPUC10N	4 x PTFE TAPE
1 x A410 – 1/4	1 x A510 – 3/8	1 x BFFA 04	2 x CDPC0802N	2 x CDPGJ0806N	1 x CDPUL04N	



### PNEUMATIC REPAIR KIT

4195

PART NUMBER	DESCRIPTION	PRICE
KIT-PNEU	95 assorted pneumatic fittings	£172.19



SPECIFICATIONS	A700, A730, A760	A705	A740	A710, A720, A750
Max. pressure	10 bar (145 psi)	10 bar (145 psi)	12 bar (174 psi)	12 bar (174 psi)
Temperature range	-10°C to +80°C	-20°C to +150°C	-10°C to +80°C	-10°C to +80°C
Porosity	40%		40%	60%
Filtration threshold	50 µm	500 µm	36 µm	100 µm



**SILENCER  
BRASS & SINTERED BRONZE  
BSPP MALE**

1430

PART NUMBER	MALE THREAD	DB LEVEL (6 BAR)	PRICE
A700-1/8	1/8" BSPP	81	£4.10
A700-1/4	1/4" BSPP	83	£5.17
A700-3/8	3/8" BSPP	87	£9.94
A700-1/2	1/2" BSPP	90	£13.53
A700-3/4	3/4" BSPP	92 @ 4 bar	£25.22
A700-1	1" BSPP	92 @ 4 bar	£39.80



**SILENCER  
BRASS & SINTERED BRONZE  
BSPP MALE**

1430

PART NUMBER	MALE THREAD	PRICE
A730-M5	M5	£5.10
A730-M7	M7	£5.17
A730-1/8	1/8" BSPP	£5.17
A730-1/4	1/4" BSPP	£6.65
A730-3/8	3/8" BSPP	£12.53
A730-1/2	1/2" BSPP	£16.83
A730-3/4	3/4" BSPP	£33.62
A730-1	1" BSPP	£51.95



**ADJUSTABLE SILENCER  
BRASS & SINTERED BRONZE  
BSPP MALE**

1430

PART NUMBER	THREAD	LENGTH		PRICE
		MIN.	MAX.	
A705-1/8	1/8" BSPP	25 mm	27 mm	£10.75
A705-1/4	1/4" BSPP	28 mm	30 mm	£11.69
A705-3/8	3/8" BSPP	33 mm	38 mm	£19.95
A705-1/2	1/2" BSPP	39 mm	46 mm	£21.43



**SILENCER  
BRASS & SINTERED BRONZE  
BSPP MALE**

1430

PART NUMBER	MALE THREAD	DB LEVEL (6 BAR)	PRICE
A740-1/8	1/8" BSPP	76	£6.88
A740-1/4	1/4" BSPP	75	£8.40
A740-3/8	3/8" BSPP	88	£16.83
A740-1/2	1/2" BSPP	89	£22.87
A740-3/4	3/4" BSPP	-	£41.27



**SILENCER  
BRASS & SINTERED BRONZE  
BSPP MALE**

1430

PART NUMBER	MALE THREAD	DB LEVEL (6 BAR)	PRICE
A710-1/8	1/8" BSPP	73	£3.09
A710-1/4	1/4" BSPP	74	£4.13
A710-3/8	3/8" BSPP	85	£7.32
A710-1/2	1/2" BSPP	89	£10.38
A710-3/4	3/4" BSPP	90	£18.34



**SILENCER WITH FLOW CONTROL  
BRASS & SINTERED BRONZE  
BSPP MALE**

1430

PART NUMBER	MALE THREAD	DB LEVEL (6 BAR)	PRICE
A750-1/8	1/8" BSPP	72	£10.75
A750-1/4	1/4" BSPP	73	£11.69
A750-3/8	3/8" BSPP	84	£19.95
A750-1/2	1/2" BSPP	88	£21.43



**SILENCER  
BRASS & SINTERED BRONZE  
BSPP MALE**

1430

PART NUMBER	MALE THREAD	DB LEVEL (6 BAR)	PRICE
A720-M5	M5	-	£4.03
A720-1/8	1/8" BSPP	74	£3.86
A720-1/4	1/4" BSPP	72	£4.87
A720-3/8	3/8" BSPP	88	£8.26
A720-1/2	1/2" BSPP	90	£11.82
A720-3/4	3/4" BSPP	90	£20.05
A720-1	1" BSPP	92	£36.04



**SILENCER  
BRASS & SINTERED BRONZE  
METRIC TUBE CONNECTION**

1430

PART NUMBER	TUBE	PRICE
A760-M5	M5	£8.10
A760-4/2.7	4/2.7	£9.63
A760-6/4	6/4	£10.75

SPECIFICATIONS	A770, A780	A712	A713, A714, A715
Max. pressure	6 bar (87 psi)	10 bar (145 psi)	10 bar (145 psi)
Temperature range	-10°C to +70°C	-10°C to +80°C	-10°C to +80°C
Filtration threshold	–	120 µm	50 µm

**PAD SILENCER  
BRASS & SINTERED BRONZE  
BSPP MALE**



1430

PART NUMBER	MALE THREAD	PRICE
A712-1/8	1/8" BSPP	£3.06
A712-1/4	1/4" BSPP	£3.32
A712-3/8	3/8" BSPP	£6.82
A712-1/2	1/2" BSPP	£8.43
A712-3/4	3/4" BSPP	£16.22
A712-1	1" BSPP	£27.04

Pad silencer with screwdriver slot

**SILENCER  
BRASS & SINTERED BRONZE  
BSPT MALE**



1430

PART NUMBER	MALE THREAD	PRICE
A713-1/8	1/8" BSPT	£4.16
A713-1/4	1/4" BSPT	£4.77
A713-3/8	3/8" BSPT	£9.24
A713-1/2	1/2" BSPT	£11.69
A713-3/4	3/4" BSPT	£22.23
A713-1	1" BSPT	£37.14

Silencer with filtering pad and screwdriver slot

**SILENCER  
SINTERED BRONZE  
BSPP MALE**



1430

PART NUMBER	MALE THREAD	PRICE
A714-1/8	1/8" BSPP	£5.17
A714-1/4	1/4" BSPP	£6.65
A714-3/8	3/8" BSPP	£12.53
A714-1/2	1/2" BSPP	£16.83
A714-3/4	3/4" BSPP	£33.62
A714-1	1" BSPP	£51.95

Silencer with screwdriver slot

**SILENCER  
SINTERED BRONZE  
BSPP MALE**



1430

PART NUMBER	MALE THREAD	PRICE
A715-1/8	1/8" BSPP	£5.17
A715-1/4	1/4" BSPP	£6.65
A715-3/8	3/8" BSPP	£12.53
A715-1/2	1/2" BSPP	£16.83
A715-3/4	3/4" BSPP	£33.62
A715-1	1" BSPP	£51.95

Silencer with hexagonal wrench

**SILENCER  
ACETALIC RESIN, PLASTIC  
SOUNDPROOFING  
BSPP MALE**



1430

PART NUMBER	MALE THREAD	DB LEVEL (6 BAR)	PRICE
A770-1/8	1/8" BSPP	87	£4.63
A770-1/4	1/4" BSPP	84	£5.47
A770-3/8	3/8" BSPP	90	£11.02
A770-1/2	1/2" BSPP	90	£11.02
A770-3/4	3/4" BSPP	91	£42.75
A770-1	1" BSPP	90	£42.75

**SILENCER  
NYLON WITH FELT  
BSPP MALE**



1430

PART NUMBER	MALE THREAD	DB LEVEL (6 BAR)	PRICE
A780-1/8	1/8" BSPP	87	£4.63
A780-1/4	1/4" BSPP	90	£5.47
A780-3/8	3/8" BSPP	92	£11.02
A780-1/2	1/2" BSPP	92	£11.02
A780-3/4	3/4" BSPP	92	£42.75
A780-1	1" BSPP	–	£42.75



**A TYPE SILENCER**  
BRASS & SINTERED BRONZE

3690

PART NUMBER	DB LEVEL (6 BAR)	THREAD SIZE	PRICE
EM-A-M5	-	M5	£0.60
EM-A-06G	76	1/8" BSPP	£0.80
EM-A-08G	75	1/4" BSPP	£1.33
EM-A-10G	88	3/8" BSPP	£2.27
EM-A-15G	89	1/2" BSPP	£2.93
EM-A-20G	92 @ 4 bar	3/4" BSPP	£5.72
EM-A-25G	-	1" BSPP	£10.65
EM-A-32G	-	1 1/4" BSPP	£30.61
EM-A-40G	-	1 1/2" BSPP	£39.93
EM-A-50G	-	2" BSPP	£57.23



**EXHAUST SILENCER**  
WITH FLOW CONTROL  
BRASS & SINTERED BRONZE

3690

PART NUMBER	DB LEVEL (6 BAR)	THREAD SIZE	PRICE
EM-SD-06G	72	1/8" BSPP	£1.93
EM-SD-08G	73	1/4" BSPP	£2.53
EM-SD-10G	84	3/8" BSPP	£4.26
EM-SD-15G	88	1/2" BSPP	£7.19
EM-SD-20G	92 @ 4 bar	3/4" BSPP	£15.31
EM-SD-25G	92 @ 4 bar	1" BSPP	£27.28



**SET TYPE SILENCER**  
BRASS & SINTERED BRONZE

3690

PART NUMBER	DB LEVEL (6 BAR)	THREAD SIZE	PRICE
EM-SET-06G	81	1/8" BSPP	£1.45
EM-SET-08G	83	1/4" BSPP	£2.21
EM-SET-10G	87	3/8" BSPP	£4.65
EM-SET-15G	90	1/2" BSPP	£7.86
EM-SET-20G	-	3/4" BSPP	£14.97
EM-SET-25G	92 @ 4 bar	1" BSPP	£24.33



**AAS TYPE SILENCER**  
STAINLESS STEEL 304

3690

PART NUMBER	THREAD SIZE	PRICE
EM-AAS-M5	M5	£3.99
EM-AAS-06G	1/8" BSPP	£4.86
EM-AAS-08G	1/4" BSPP	£7.32
EM-AAS-10G	3/8" BSPP	£12.65
EM-AAS-15G	1/2" BSPP	£16.64
EM-AAS-20G	3/4" BSPP	£37.27
EM-AAS-25G	1" BSPP	£62.56



**V TYPE SILENCER**

3690

PART NUMBER	DB LEVEL (6 BAR)	THREAD SIZE	PRICE
EM-V-06G	73	1/8" BSPP	£0.61
EM-V-08G	74	1/4" BSPP	£0.93
EM-V-10G	85	3/8" BSPP	£1.33
EM-V-15G	89	1/2" BSPP	£1.90
EM-V-20G	90	3/4" BSPP	£3.33
EM-V-25G	90	1" BSPP	£6.07



**VDS TYPE SILENCER**  
STAINLESS STEEL 304

3690

PART NUMBER	THREAD SIZE	PRICE
EM-VDS-M5	M5	£4.36
EM-VDS-06G	1/8" BSPP	£5.80
EM-VDS-08G	1/4" BSPP	£8.71
EM-VDS-10G	3/8" BSPP	£13.55
EM-VDS-15G	1/2" BSPP	£19.35
EM-VDS-20G	3/4" BSPP	£31.93
EM-VDS-25G	1" BSPP	£49.34



**VD DOME TYPE SILENCER**  
BRASS

3690

PART NUMBER	DB LEVEL (6 BAR)	THREAD SIZE	PRICE
EM-VD-06G	74	1/8" BSPP	£3.12
EM-VD-08G	72	1/4" BSPP	£4.16
EM-VD-10G	88	3/8" BSPP	£5.73
EM-VD-15G	90	1/2" BSPP	£7.29
EM-VD-20G	90	3/4" BSPP	£10.41
EM-VD-25G	92	1" BSPP	£17.69



**VSS TYPE SILENCER**  
STAINLESS STEEL 304

3690

PART NUMBER	THREAD SIZE	PRICE
EM-VSS-M5	M5	£3.02
EM-VSS-06S1G	1/8" BSPP	£4.26
EM-VSS-08S1G	1/4" BSPP	£5.99
EM-VSS-10G	3/8" BSPP	£8.83
EM-VSS-15G	1/2" BSPP	£11.52
EM-VSS-20G	3/4" BSPP	£21.81
EM-VSS-25G	1" BSPP	£36.34



### SU TYPE SILENCER ACETAL RESIN

3690

PART NUMBER	DB LEVEL (6 BAR)	THREAD SIZE	PRICE
EM-SU-06OG	87	1/8" BSPP	£0.56
EM-SU-08OG	84	1/4" BSPP	£0.67
EM-SU-10OG	90	3/8" BSPP	£0.93
EM-SU-15OG	90	1/2" BSPP	£1.07
EM-SU-20OG	91	3/4" BSPP	£7.99
EM-SU-25OG	90	1" BSPP	£9.32



### AB TYPE SILENCER

3690

PART NUMBER	THREAD SIZE	PRICE
EM-AB-06G	1/8" BSPP	£8.10
EM-AB-08G	1/4" BSPP	£10.50
EM-AB-10G	3/8" BSPP	£13.40
EM-AB-15G	1/2" BSPP	£22.39
EM-AB-20G	3/4" BSPP	£27.92
EM-AB-25G	1" BSPP	£46.13
EM-AB-32G	1 1/4" BSPP	£181.67
EM-AB-40G	1 1/2" BSPP	£234.78
EM-AB-50G	2" BSPP	£301.85



### PSU TYPE SILENCER

3690

PART NUMBER	THREAD SIZE	PRICE
EM-PSU-06OG	1/8" BSPP	£0.76
EM-PSU-08OG	1/4" BSPP	£1.07
EM-PSU-10OG	3/8" BSPP	£2.05
EM-PSU-15OG	1/2" BSPP	£3.12
EM-PSU-20OG	3/4" BSPP	£6.80
EM-PSU-25OG	1" BSPP	£10.21



### SC TYPE SILENCER WITH FLOW CONTROL

3690

PART NUMBER	THREAD SIZE	PRICE
EM-SC-06G	1/8" BSPP	£3.19
EM-SC-08G	1/4" BSPP	£4.13
EM-SC-10G	3/8" BSPP	£5.33
EM-SC-15G	1/2" BSPP	£8.85
EM-SC-20G	3/4" BSPP	£15.20
EM-SC-25G	1" BSPP	£34.47



### PSE TYPE SILENCER

3690

PART NUMBER	THREAD SIZE	PRICE
EM-PSE-M5	M5	£0.95
EM-PSE-06G	1/8" BSPP	£1.34
EM-PSE-08G	1/4" BSPP	£1.95
EM-PSE-10G	3/8" BSPP	£4.02
EM-PSE-15G	1/2" BSPP	£4.24
EM-PSE-20G	3/4" BSPP	£12.12
EM-PSE-25G	1" BSPP	£20.61



### SK TYPE SILENCER WITH FLOW CONTROL

3690

PART NUMBER	THREAD SIZE	PRICE
EM-SK-06G	1/8" BSPP	£5.20
EM-SK-08G	1/4" BSPP	£6.77
EM-SK-10G	3/8" BSPP	£8.51
EM-SK-15G	1/2" BSPP	£14.57
EM-SK-20G	3/4" BSPP	£30.72
EM-SK-25G	1" BSPP	£44.73



### SB TYPE EXHAUST SILENCER WITH FLOW CONTROL

3690

PART NUMBER	THREAD SIZE	PRICE
EM-SB-06G	1/8" BSPP	£2.81
EM-SB-08G	1/4" BSPP	£3.17
EM-SB-10G	3/8" BSPP	£4.82
EM-SB-15G	1/2" BSPP	£7.35
EM-SB-20G	3/4" BSPP	£13.17
EM-SB-25G	1" BSPP	£28.39



### SPK TYPE SILENCER WITH FLOW CONTROL

3690

PART NUMBER	THREAD SIZE	PRICE
EM-SPK-06G	1/8" BSPP	£6.24
EM-SPK-08G	1/4" BSPP	£8.85
EM-SPK-10G	3/8" BSPP	£15.61
EM-SPK-15G	1/2" BSPP	£30.18
EM-SPK-20G	3/4" BSPP	£51.06
EM-SPK-25G	1" BSPP	£62.44

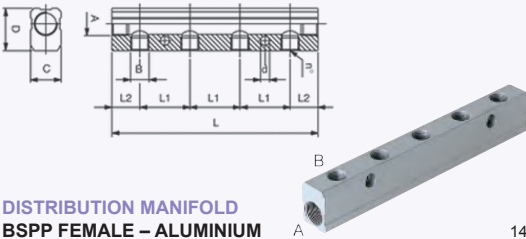
ALUMINIUM MANIFOLDS

SPECIFICATIONS

Recommended pressures	1/4"	3/8"	1/2"
	-0.99 to 100 bar	-0.99 to 75 bar	-0.99 to 50 bar

DIMENSIONS FOR A647 MANIFOLDS

PART NUMBER	C	D	L1	L2	L	d
A647-1418-2	18	24	30	17.5	65	4.5
A647-1418-3	18	24	30	17.5	95	4.5
A647-1418-4	18	24	30	17.5	125	4.5
A647-1418-5	18	24	30	17.5	155	4.5
A647-1418-6	18	24	30	17.5	185	4.5
A647-3814-2	22	30	36	20	76	5.5
A647-3814-3	22	30	36	20	112	5.5
A647-3814-4	22	30	36	20	148	5.5
A647-3814-5	22	30	36	20	184	5.5
A647-3814-6	22	30	36	20	220	5.5
A647-1238-2	26	35	40	25	90	5.5
A647-1238-3	26	35	40	25	130	5.5
A647-1238-4	26	35	40	25	170	5.5
A647-1238-5	26	35	40	25	210	5.5
A647-1238-6	26	35	40	25	250	5.5



DISTRIBUTION MANIFOLD  
BSPP FEMALE – ALUMINIUM

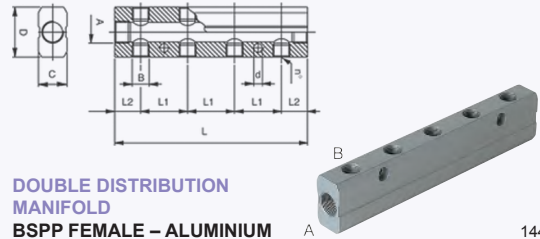
1440

SPECIFICATIONS

Recommended pressures	1/4"	3/8"	1/2"
	-0.99 to 100 bar	-0.99 to 75 bar	-0.99 to 50 bar

DIMENSIONS FOR A648 MANIFOLDS

PART NUMBER	C	D	L1	L2	L	d
A648-1418-2	18	30	30	17.5	65	4.5
A648-1418-3	18	30	30	17.5	95	4.5
A648-1418-4	18	30	30	17.5	125	4.5
A648-1418-5	18	30	30	17.5	155	4.5
A648-1418-6	18	30	30	17.5	185	4.5
A648-3814-2	22	38	36	20	76	5.5
A648-3814-3	22	38	36	20	112	5.5
A648-3814-4	22	38	36	20	148	5.5
A648-3814-5	22	38	36	20	184	5.5
A648-3814-6	22	38	36	20	220	5.5
A648-1238-2	26	44	40	25	90	5.5
A648-1238-3	26	44	40	25	130	5.5
A648-1238-4	26	44	40	25	170	5.5
A648-1238-5	26	44	40	25	210	5.5
A648-1238-6	26	44	40	25	250	5.5



DOUBLE DISTRIBUTION MANIFOLD  
BSPP FEMALE – ALUMINIUM

1440

PART NUMBER	THREAD A	THREAD B	OUTLET PORTS	PRICE
A647-1418-2	1/4" BSPP	1/8" BSPP	2	£18.07
A647-1418-3	1/4" BSPP	1/8" BSPP	3	£24.79
A647-1418-4	1/4" BSPP	1/8" BSPP	4	£32.17
A647-1418-5	1/4" BSPP	1/8" BSPP	5	£41.27
A647-1418-6	1/4" BSPP	1/8" BSPP	6	£48.39
A647-3814-2	3/8" BSPP	1/4" BSPP	2	£21.53
A647-3814-3	3/8" BSPP	1/4" BSPP	3	£26.40
A647-3814-4	3/8" BSPP	1/4" BSPP	4	£34.93
A647-3814-5	3/8" BSPP	1/4" BSPP	5	£43.42
A647-3814-6	3/8" BSPP	1/4" BSPP	6	£52.29
A647-1238-2	1/2" BSPP	3/8" BSPP	2	£26.80
A647-1238-3	1/2" BSPP	3/8" BSPP	3	£32.11
A647-1238-4	1/2" BSPP	3/8" BSPP	4	£40.37
A647-1238-5	1/2" BSPP	3/8" BSPP	5	£47.39
A647-1238-6	1/2" BSPP	3/8" BSPP	6	£55.55

PART NUMBER	THREAD A	THREAD B	OUTLET PORTS	PRICE
A648-1418-2	1/4" BSPP	1/8" BSPP	2 + 2	£22.80
A648-1418-3	1/4" BSPP	1/8" BSPP	3 + 3	£31.50
A648-1418-4	1/4" BSPP	1/8" BSPP	4 + 4	£43.76
A648-1418-5	1/4" BSPP	1/8" BSPP	5 + 5	£51.85
A648-1418-6	1/4" BSPP	1/8" BSPP	6 + 6	£55.82
A648-3814-2	3/8" BSPP	1/4" BSPP	2 + 2	£24.79
A648-3814-3	3/8" BSPP	1/4" BSPP	3 + 3	£33.79
A648-3814-4	3/8" BSPP	1/4" BSPP	4 + 4	£48.06
A648-3814-5	3/8" BSPP	1/4" BSPP	5 + 5	£55.75
A648-3814-6	3/8" BSPP	1/4" BSPP	6 + 6	£67.40
A648-1238-2	1/2" BSPP	3/8" BSPP	2 + 2	£40.70
A648-1238-3	1/2" BSPP	3/8" BSPP	3 + 3	£48.46
A648-1238-4	1/2" BSPP	3/8" BSPP	4 + 4	£60.62
A648-1238-5	1/2" BSPP	3/8" BSPP	5 + 5	£71.06
A648-1238-6	1/2" BSPP	3/8" BSPP	6 + 6	£83.22

BRASS MANIFOLDS

SPECIFICATIONS

Maximum working pressure	100 bar
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DISTRIBUTION MANIFOLD  
BSPP FEMALE – BRASS

1940

PART NUMBER	THREAD	INLETS	OUTLETS	PRICE
BMB 02/02	1/8" BSPP	2	2	£12.13
BMB 02/04	1/8" BSPP	2	4	£18.64
BMB 02/06	1/8" BSPP	2	6	£25.71
BMB 02/08	1/8" BSPP	2	8	£30.77
BMB 04/04	1/4" BSPP	2	4	£21.45
BMB 04/06	1/4" BSPP	2	6	£29.39
BMB 06/04	3/8" BSPP	2	4	£34.66
BMB 06/06	3/8" BSPP	2	6	£47.70
BMB 08/04	1/2" BSPP	2	4	£55.47

### DESCRIPTION

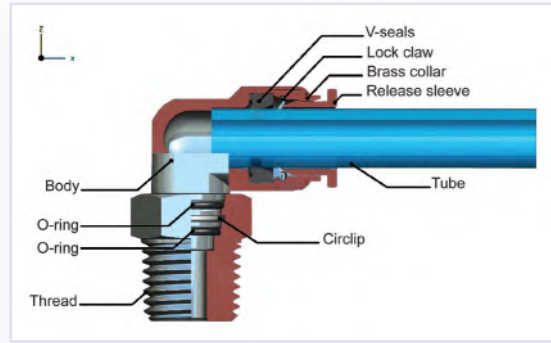
Full metal solution offers a heavy duty, robust, higher performance. Suitable for use with strong vibrations, abrasions and welding sparks. Double O-ring design for better swivel. Widely used in robotics, automotive welding, heavy industry, railway, compressed air circuit, and vacuum.

### SPECIFICATIONS

Medium	Air
Working pressure	0 to 15 bar (0 to 217 psi)
Negative pressure	-29.5 Hg
Working temperature	-20°C to +80°C
Tube sizes	Metric
Thread sizes	BSPT, BSPP
Applicable tubings	PU, PE, PA, PTFE, FEP

### SPECIFICATIONS

Body	Brass
Collar & sleeve	Brass
Colour	Nickel plated
Seals	NBR
Gripping teeth	Stainless steel



### MALE STUD

3540

PART NUMBER	TUBE OD	MALE	PRICE
<b>BMPC4-M5</b>	4 mm	M5	£1.61
<b>BMPC4-M6</b>	4 mm	M6	£1.46
<b>BMPC4-01</b>	4 mm	1/8" BSPT	£1.49
<b>BMPC4-02</b>	4 mm	1/4" BSPT	£1.58
<b>BMPC6-M5</b>	6 mm	M5	£1.66
<b>BMPC6-M6</b>	6 mm	M6	£1.51
<b>BMPC6-01</b>	6 mm	1/8" BSPT	£1.54
<b>BMPC6-02</b>	6 mm	1/4" BSPT	£1.87
<b>BMPC6-03</b>	6 mm	3/8" BSPT	£2.30
<b>BMPC8-01</b>	8 mm	1/8" BSPT	£1.78
<b>BMPC8-02</b>	8 mm	1/4" BSPT	£1.92
<b>BMPC8-03</b>	8 mm	3/8" BSPT	£2.50
<b>BMPC10-02</b>	10 mm	1/4" BSPT	£2.54
<b>BMPC10-03</b>	10 mm	3/8" BSPT	£2.78
<b>BMPC10-04</b>	10 mm	1/2" BSPT	£4.03
<b>BMPC12-02</b>	12 mm	1/4" BSPT	£3.79
<b>BMPC12-03</b>	12 mm	3/8" BSPT	£4.13
<b>BMPC12-04</b>	12 mm	1/2" BSPT	£5.42



### SWIVEL MALE STUD ELBOW

3540

PART NUMBER	TUBE OD	MALE	PRICE
<b>BMPL4-M5</b>	4 mm	M5	£2.42
<b>BMPL4-M6</b>	4 mm	M6	£2.20
<b>BMPL4-01</b>	4 mm	1/8" BSPT	£2.35
<b>BMPL4-02</b>	4 mm	1/4" BSPT	£2.64
<b>BMPL6-M5</b>	6 mm	M5	£3.12
<b>BMPL6-M6</b>	6 mm	M6	£2.84
<b>BMPL6-01</b>	6 mm	1/8" BSPT	£3.07
<b>BMPL6-02</b>	6 mm	1/4" BSPT	£3.26
<b>BMPL6-03</b>	6 mm	3/8" BSPT	£3.79
<b>BMPL8-01</b>	8 mm	1/8" BSPT	£3.89
<b>BMPL8-02</b>	8 mm	1/4" BSPT	£3.98
<b>BMPL8-03</b>	8 mm	3/8" BSPT	£4.56
<b>BMPL8-04</b>	8 mm	1/2" BSPT	£5.09
<b>BMPL10-02</b>	10 mm	1/4" BSPT	£4.70
<b>BMPL10-03</b>	10 mm	3/8" BSPT	£4.99
<b>BMPL10-04</b>	10 mm	1/2" BSPT	£5.71
<b>BMPL12-02</b>	12 mm	1/4" BSPT	£6.05
<b>BMPL12-03</b>	12 mm	3/8" BSPT	£6.24
<b>BMPL12-04</b>	12 mm	1/2" BSPT	£6.86

### MALE STUD TEE



3540

PART NUMBER	TUBE OD	MALE	PRICE
<b>BMPT4-01</b>	4 mm	1/8" BSPT	£4.37
<b>BMPT4-02</b>	4 mm	1/4" BSPT	£3.26
<b>BMPT6-01</b>	6 mm	1/8" BSPT	£4.03
<b>BMPT6-02</b>	6 mm	1/4" BSPT	£4.13
<b>BMPT6-03</b>	6 mm	3/8" BSPT	£4.51
<b>BMPT8-02</b>	8 mm	1/4" BSPT	£4.51
<b>BMPT8-03</b>	8 mm	3/8" BSPT	£5.04
<b>BMPT10-02</b>	10 mm	1/4" BSPT	£5.71
<b>BMPT10-03</b>	10 mm	3/8" BSPT	£5.95
<b>BMPT12-03</b>	12 mm	3/8" BSPT	£7.54
<b>BMPT12-04</b>	12 mm	1/2" BSPT	£8.26

### FEMALE STUD



3540

PART NUMBER	TUBE OD	FEMALE	PRICE
<b>BMPCF4-G01</b>	4 mm	1/8" BSPP	£2.54
<b>BMPCF6-G01</b>	6 mm	1/8" BSPP	£2.59
<b>BMPCF6-G02</b>	6 mm	1/4" BSPP	£2.69
<b>BMPCF8-G02</b>	8 mm	1/4" BSPP	£2.78
<b>BMPCF10-G02</b>	10 mm	1/4" BSPP	£3.26
<b>BMPCF12-G03</b>	12 mm	3/8" BSPP	£5.42
<b>BMPCF12-G04</b>	12 mm	1/2" BSPP	£6.05



EQUAL STRAIGHT CONNECTOR

3540

PART NUMBER	TUBE OD	PRICE
BMPUC4	4 mm	£2.21
BMPUC6	6 mm	£2.78
BMPUC8	8 mm	£3.46
BMPUC10	10 mm	£4.37
BMPUC12	12 mm	£5.28



EQUAL ELBOW

3540

PART NUMBER	TUBE OD	PRICE
BMPUL4	4 mm	£2.64
BMPUL6	6 mm	£3.36
BMPUL8	8 mm	£4.18
BMPUL10	10 mm	£5.42
BMPUL12	12 mm	£6.29



PLUG-IN REDUCER

3540

PART NUMBER	TUBE OD	STEM OD	PRICE
BMPGJ6-4	6 mm	4 mm	£2.30
BMPGJ8-6	8 mm	6 mm	£2.50
BMPGJ10-8	10 mm	8 mm	£3.50
BMPGJ12-8	12 mm	8 mm	£5.62
BMPGJ12-10	12 mm	10 mm	£5.86



EQUAL TEE

3540

PART NUMBER	TUBE OD	PRICE
BMPUT4	4 mm	£3.26
BMPUT6	6 mm	£4.13
BMPUT8	8 mm	£5.28
BMPUT10	10 mm	£6.91
BMPUT12	12 mm	£8.35



EQUAL BULKHEAD CONNECTOR

3540

PART NUMBER	TUBE OD	PRICE
BMPM4	4 mm	£3.79
BMPM6	6 mm	£4.03
BMPM8	8 mm	£5.09
BMPM10	10 mm	£6.19
BMPM12	12 mm	£7.78



EQUAL 'Y'

3540

PART NUMBER	TUBE OD	PRICE
BMPY4	4 mm	£4.37
BMPY6	6 mm	£5.52
BMPY8	8 mm	£6.91
BMPY10	10 mm	£9.70
BMPY12	12 mm	£10.94

You may also need ...

**Stainless steel push-in fittings**



... on page 712, section 13

You may also need ...

**CDC polyurethane tubing**



... on pages 616 – 618, section 11

## DESCRIPTION

The stainless steel clamping washer ensures perfect clamping, with all suitable tubes, without marking even in severe conditions, such as impact and vibration. The geometric design of the seal ensures a perfect seal, even with vacuum.

## THREADS

Tapered gas in conformity with ISO 7.1, BS 21, DIN 2999.  
Parallel gas in conformity with ISO 288 Class A.  
Metric in conformity with ISO R/262.

## SUITABILITY

Compressed air, vacuum.

## CONNECTION TUBES

Plastic tubes: PA6, PA11, PA12, polyethylene, \*polyurethane, etc.  
\*For polyurethane hoses, a minimum hardness of 98 shore is required.

## SPECIFICATIONS

Pressure range -0.99 bar to 15 bar  
Temperature range -20°C to +80°C

## MATERIALS

Body	Nickel plated brass
Collet	Acetalic resin
Capsule	Nickel plated brass
Clamping washer	Stainless steel
Safety ring	Technopolymer
Lip seal	NBR 70
Thread sealing ring	NBR 90

## STRAIGHT ADAPTOR BSPT MALE WITH NBR90 SEAL RING



1410

PART NUMBER	TUBE OD	THREAD	PRICE
A5000-0418	4 mm	1/8" BSPT	£2.75
A5000-0414	4 mm	1/4" BSPT	£3.43
A5000-0518	5 mm	1/8" BSPT	£3.26
A5000-0514	5 mm	1/4" BSPT	£3.49
A5000-0618	6 mm	1/8" BSPT	£3.26
A5000-0614	6 mm	1/4" BSPT	£3.49
A5000-0638	6 mm	3/8" BSPT	£3.96
A5000-0612	6 mm	1/2" BSPT	£4.80
A5000-0818	8 mm	1/8" BSPT	£3.63
A5000-0814	8 mm	1/4" BSPT	£3.69
A5000-0838	8 mm	3/8" BSPT	£4.10
A5000-0812	8 mm	1/2" BSPT	£4.87
A5000-1014	10 mm	1/4" BSPT	£4.77
A5000-1038	10 mm	3/8" BSPT	£4.87
A5000-1012	10 mm	1/2" BSPT	£5.47
A5000-1214	12 mm	1/4" BSPT	£5.74
A5000-1238	12 mm	3/8" BSPT	£6.05
A5000-1212	12 mm	1/2" BSPT	£6.31
A5000-1438	14 mm	3/8" BSPT	£7.29
A5000-1412	14 mm	1/2" BSPT	£7.86

## STRAIGHT ADAPTOR INTERNAL HEXAGON BSPT MALE WITH NBR90 SEAL RING



1410

PART NUMBER	TUBE OD	THREAD	PRICE
A5010-03M5	3 mm	M5	£4.10
A5010-04M5	4 mm	M5	£2.65
A5010-0418	4 mm	1/8" BSPT	£2.69
A5010-04M7	4 mm	M7 x 1	£2.92
A5010-06M5	6 mm	M5	£2.92
A5010-0618	6 mm	1/8" BSPT	£2.92
A5010-0614	6 mm	1/4" BSPT	£3.29
A5010-0818	8 mm	1/8" BSPT	£3.49
A5010-0814	8 mm	1/4" BSPT	£3.59

## STRAIGHT ADAPTOR BSPP MALE WITH 'O' RING SEAL



1410

PART NUMBER	TUBE OD	THREAD	PRICE
A5020-03M5	3 mm	M5	£4.80
A5020-04M5	4 mm	M5	£3.29
A5020-0418	4 mm	1/8" BSPP	£3.19
A5020-0414	4 mm	1/4" BSPP	£3.49
A5020-05M5	5 mm	M5	£3.29
A5020-0518	5 mm	1/8" BSPP	£3.22
A5020-06M5	6 mm	M5	£3.29
A5020-0618	6 mm	1/8" BSPP	£3.22
A5020-0614	6 mm	1/4" BSPP	£3.46
A5020-0638	6 mm	3/8" BSPP	£4.10
A5020-0612	6 mm	1/2" BSPP	£5.04
A5020-0818	8 mm	1/8" BSPP	£3.49
A5020-0814	8 mm	1/4" BSPP	£3.76
A5020-0838	8 mm	3/8" BSPP	£4.43
A5020-0812	8 mm	1/2" BSPP	£5.07
A5020-1014	10 mm	1/4" BSPP	£4.70
A5020-1038	10 mm	3/8" BSPP	£4.90
A5020-1012	10 mm	1/2" BSPP	£5.68
A5020-1214	12 mm	1/4" BSPP	£5.74
A5020-1238	12 mm	3/8" BSPP	£5.84
A5020-1212	12 mm	1/2" BSPP	£6.31
A5020-1438	14 mm	3/8" BSPP	£8.19
A5020-1412	14 mm	1/2" BSPP	£8.43

## STRAIGHT ADAPTOR BSPP FEMALE



1410

PART NUMBER	TUBE OD	THREAD	PRICE
A5030-03M5	3 mm	M5	£5.64
A5030-04M5	4 mm	M5	£3.93
A5030-0418	4 mm	1/8" BSPP	£3.93
A5030-0414	4 mm	1/4" BSPP	£4.50
A5030-0518	5 mm	1/8" BSPP	£3.93
A5030-0618	6 mm	1/8" BSPP	£3.93
A5030-0614	6 mm	1/4" BSPP	£4.50
A5030-0818	8 mm	1/8" BSPP	£4.50
A5030-0814	8 mm	1/4" BSPP	£4.94
A5030-0838	8 mm	3/8" BSPP	£5.07
A5030-1014	10 mm	1/4" BSPP	£5.41
A5030-1038	10 mm	3/8" BSPP	£5.84
A5030-1012	10 mm	1/2" BSPP	£7.12
A5030-1238	12 mm	3/8" BSPP	£6.62
A5030-1212	12 mm	1/2" BSPP	£7.89

## BULKHEAD CONNECTOR EQUAL



1410

PART NUMBER	TUBE OD	BODY THREAD	PRICE
A5050-03M10	3 mm	M10 x 1	£12.07
A5050-04M12	4 mm	M12 x 1	£7.93
A5050-05M14	5 mm	M14 x 1	£8.85
A5050-06M14	6 mm	M14 x 1	£8.85
A5050-08M16	8 mm	M16 x 1	£9.69
A5050-10M20	10 mm	M20 x 1	£12.73
A5050-12M22	12 mm	M22 x 1	£15.26

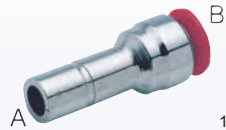




**STRAIGHT CONNECTOR**

1410

PART NUMBER	TUBE OD	TUBE OD	PRICE
A5040-0303	3 mm	3 mm	£7.42
A5040-0404	4 mm	4 mm	£5.17
A5040-0505	5 mm	5 mm	£5.24
A5040-0604	6 mm	4 mm	£5.24
A5040-0606	6 mm	6 mm	£5.24
A5040-0806	8 mm	6 mm	£5.91
A5040-0808	8 mm	8 mm	£5.91
A5040-1008	10 mm	8 mm	£7.42
A5040-1010	10 mm	10 mm	£7.42
A5040-1210	12 mm	10 mm	£8.66
A5040-1212	12 mm	12 mm	£8.66
A5040-1414	14 mm	14 mm	£13.03



**REDUCER**

1410

PART NUMBER	TUBE OD (A)	TUBE OD (B)	PRICE
A5070-0403	4 mm	3 mm	£6.31
A5070-0504	5 mm	4 mm	£3.19
A5070-0604	6 mm	4 mm	£3.19
A5070-0605	6 mm	5 mm	£3.26
A5070-0804	8 mm	4 mm	£3.29
A5070-0806	8 mm	6 mm	£3.43
A5070-1004	10 mm	4 mm	£3.43
A5070-1008	10 mm	8 mm	£3.69
A5070-1208	12 mm	8 mm	£3.93

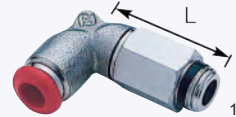


**SWIVEL ELBOW  
BSPT FEMALE**

1410

PART NUMBER	TUBE OD	THREAD	PRICE
A5106-0418	4 mm	1/8" BSPT	£6.88
A5106-0414	4 mm	1/4" BSPT	£7.22
A5106-0618	6 mm	1/8" BSPT	£7.66
A5106-0614	6 mm	1/4" BSPT	£7.93
A5106-0818	8 mm	1/8" BSPT	£8.40
A5106-0814	8 mm	1/4" BSPT	£8.80

**EXTENDED SWIVEL ELBOW  
BSPT MALE  
WITH NBR90 SEAL RING**



1410

PART NUMBER	TUBE OD	THREAD	LENGTH (L)	PRICE
A5121-0418	4 mm	1/8" BSPT	30.0 mm	£6.82
A5121-0414	4 mm	1/4" BSPT	31.5 mm	£7.62
A5121-0518	5 mm	1/8" BSPT	34.2 mm	£7.02
A5121-0618	6 mm	1/8" BSPT	34.2 mm	£7.02
A5121-0614	6 mm	1/4" BSPT	35.7 mm	£7.62
A5121-0818	8 mm	1/8" BSPT	38.2 mm	£7.89
A5121-0814	8 mm	1/4" BSPT	38.2 mm	£8.43
A5121-0838	8 mm	3/8" BSPT	38.7 mm	£9.50
A5121-1014	10 mm	1/4" BSPT	45.2 mm	£10.28
A5121-1038	10 mm	3/8" BSPT	43.2 mm	£11.49



**ELBOW  
EQUAL**

1410

PART NUMBER	TUBE OD	PRICE
A5130-03	3 mm	£7.42
A5130-04	4 mm	£5.74
A5130-05	5 mm	£5.84
A5130-06	6 mm	£5.84
A5130-08	8 mm	£6.82
A5130-10	10 mm	£8.43
A5130-12	12 mm	£11.05
A5130-14	14 mm	£13.70

**FIXED ELBOW  
BSPT MALE  
WITH NBR90 SEAL RING**



1410

PART NUMBER	TUBE OD	THREAD	PRICE
A5100-04M5	4 mm	M5	£4.47
A5100-0418	4 mm	1/8" BSPT	£4.06
A5100-05M5	5 mm	M5	£4.50
A5100-0518	5 mm	1/8" BSPT	£4.40
A5100-0618	6 mm	1/8" BSPT	£4.40
A5100-0614	6 mm	1/4" BSPT	£4.94
A5100-0818	8 mm	1/8" BSPT	£4.70
A5100-0814	8 mm	1/4" BSPT	£5.00
A5100-1014	10 mm	1/4" BSPT	£7.02
A5100-1038	10 mm	3/8" BSPT	£7.29
A5100-1214	12 mm	1/4" BSPT	£8.83
A5100-1238	12 mm	3/8" BSPT	£8.83



**SWIVEL ELBOW  
BSPT MALE  
WITH NBR90 SEAL RING**

1410

PART NUMBER	TUBE OD	THREAD	PRICE
A5111-0418	4 mm	1/8" BSPT	£5.64
A5111-0414	4 mm	1/4" BSPT	£6.21
A5111-0518	5 mm	1/8" BSPT	£5.74
A5111-0618	6 mm	1/8" BSPT	£5.74
A5111-0614	6 mm	1/4" BSPT	£6.21
A5111-0818	8 mm	1/8" BSPT	£6.65
A5111-0814	8 mm	1/4" BSPT	£6.92
A5111-0838	8 mm	3/8" BSPT	£8.90
A5111-0812	8 mm	1/2" BSPT	£9.67
A5111-1014	10 mm	1/4" BSPT	£8.66
A5111-1038	10 mm	3/8" BSPT	£9.71
A5111-1012	10 mm	1/2" BSPT	£11.25
A5111-1238	12 mm	3/8" BSPT	£11.22
A5111-1212	12 mm	1/2" BSPT	£12.86
A5111-1438	14 mm	3/8" BSPT	£13.53
A5111-1412	14 mm	1/2" BSPT	£14.34

**TEE  
EQUAL**



1410

PART NUMBER	TUBE OD	PRICE
A5230-03	3 mm	£10.28
A5230-04	4 mm	£7.86
A5230-05	5 mm	£8.36
A5230-06	6 mm	£8.36
A5230-08	8 mm	£9.64
A5230-10	10 mm	£12.53
A5230-12	12 mm	£15.55
A5230-14	14 mm	£19.01

**SWIVEL CENTRE LEG TEE  
BSPT MALE  
WITH NBR90 SEAL RING**



1410

PART NUMBER	TUBE OD	THREAD	PRICE
A5211-0418	4 mm	1/8" BSPT	£7.89
A5211-0414	4 mm	1/4" BSPT	£8.53
A5211-0518	5 mm	1/8" BSPT	£7.89
A5211-0618	6 mm	1/8" BSPT	£7.89
A5211-0614	6 mm	1/4" BSPT	£8.53
A5211-0818	8 mm	1/8" BSPT	£9.57
A5211-0814	8 mm	1/4" BSPT	£9.84
A5211-0838	8 mm	3/8" BSPT	£10.71
A5211-0812	8 mm	1/2" BSPT	£11.18
A5211-1014	10 mm	1/4" BSPT	£12.76
A5211-1038	10 mm	3/8" BSPT	£13.50
A5211-1012	10 mm	1/2" BSPT	£14.37
A5211-1238	12 mm	3/8" BSPT	£14.98
A5211-1212	12 mm	1/2" BSPT	£16.25
A5211-1438	14 mm	3/8" BSPT	£18.81
A5211-1412	14 mm	1/2" BSPT	£20.28

**SWIVEL OFF SET LEG TEE  
BSPT MALE  
WITH NBR90 SEAL RING**



1410

PART NUMBER	TUBE OD	THREAD	PRICE
A5223-0418	4 mm	1/8" BSPT	£7.89
A5223-0414	4 mm	1/4" BSPT	£8.53
A5223-0518	5 mm	1/8" BSPT	£7.89
A5223-0618	6 mm	1/8" BSPT	£7.89
A5223-0614	6 mm	1/4" BSPT	£8.53
A5223-0818	8 mm	1/8" BSPT	£9.57
A5223-0814	8 mm	1/4" BSPT	£9.84
A5223-0838	8 mm	3/8" BSPT	£10.71
A5223-0812	8 mm	1/2" BSPT	£11.18
A5223-1014	10 mm	1/4" BSPT	£12.76
A5223-1038	10 mm	3/8" BSPT	£13.50
A5223-1012	10 mm	1/2" BSPT	£14.37
A5223-1238	12 mm	3/8" BSPT	£14.98
A5223-1212	12 mm	1/2" BSPT	£16.25

**FIXED CENTRE LEG TEE  
BSPT MALE  
WITH NBR90 SEAL RING**



1410

PART NUMBER	TUBE OD	THREAD	PRICE
A5200-04M5	4 mm	M5	£6.92
A5200-0418	4 mm	1/8" BSPT	£6.92
A5200-0518	5 mm	1/8" BSPT	£7.05
A5200-0618	6 mm	1/8" BSPT	£7.05
A5200-0818	8 mm	1/8" BSPT	£8.33
A5200-0814	8 mm	1/4" BSPT	£8.43
A5200-1014	10 mm	1/4" BSPT	£10.75
A5200-1038	10 mm	3/8" BSPT	£11.42
A5200-1214	12 mm	1/4" BSPT	£13.33
A5200-1238	12 mm	3/8" BSPT	£13.60

**'Y' CONNECTOR  
EQUAL**



1410

PART NUMBER	TUBE OD	PRICE
A5310-03	3 mm	£14.61
A5310-04	4 mm	£10.91
A5310-05	5 mm	£11.52
A5310-06	6 mm	£11.52
A5310-08	8 mm	£13.03

**STRAIGHT ADAPTOR  
BSPP MALE**



1410

PART NUMBER	TUBE OD	THREAD	PRICE
A50600-04M5	4 mm	M5	£1.54
A50600-0418	4 mm	1/8" BSPP	£1.85
A50600-05M5	5 mm	M5	£1.98
A50600-0518	5 mm	1/8" BSPP	£1.71
A50600-0514	5 mm	1/4" BSPP	£2.49
A50600-06M5	6 mm	M5	£1.98
A50600-0618	6 mm	1/8" BSPP	£1.85
A50600-0614	6 mm	1/4" BSPP	£2.42
A50600-0818	8 mm	1/8" BSPP	£1.95
A50600-0814	8 mm	1/4" BSPP	£2.65
A50600-0838	8 mm	3/8" BSPP	£3.83
A50600-1018	10 mm	1/8" BSPP	£2.15
A50600-1014	10 mm	1/4" BSPP	£2.75
A50600-1038	10 mm	3/8" BSPP	£3.93
A50600-1214	12 mm	1/4" BSPP	£2.92
A50600-1238	12 mm	3/8" BSPP	£4.10

**PLUG  
POLYAMIDE**



1410

PART NUMBER	TUBE OD	PRICE
A8610-03	3 mm	£1.02
A8610-04	4 mm	£0.67
A8610-05	5 mm	£0.67
A8610-06	6 mm	£0.67
A8610-08	8 mm	£0.74
A8610-10	10 mm	£0.87
A8610-12	12 mm	£0.97

**DOUBLE JOINT**



1410

PART NUMBER	TUBE OD	PRICE
A50625-04	4 mm	£1.54
A50625-05	5 mm	£1.58
A50625-06	6 mm	£1.58
A50625-08	8 mm	£1.81
A50625-10	10 mm	£2.15
A50625-12	12 mm	£2.72

**TOOL FOR DISASSEMBLING**



1410

PART NUMBER	DESCRIPTION	PRICE
A5990	Disassembling Tool	£3.29

**ALUMINIUM MANIFOLD  
5-WAY**



1410

PART NUMBER	TUBE OD	THREAD	PRICE
A5900-0418	4 mm	1/8"	£32.11
A5900-0618	6 mm	1/8"	£34.63
A5900-0614	6 mm	1/4"	£39.09
A5900-0814	8 mm	1/4"	£40.80



**SINGLE BANJO BODY  
BSPT / METRIC MALE**

1410

PART NUMBER	TUBE OD	TO SUIT THREAD	PRICE
A5500-03M5	3 mm	M5	£6.05
A5500-03M6	3 mm	M6	£6.05
A5500-04M5	4 mm	M5	£4.50
A5500-04M6	4 mm	M6	£4.50
A5500-0418	4 mm	1/8" BSPT	£4.67
A5500-05M5	5 mm	M5	£4.67
A5500-05M6	5 mm	M6	£4.67
A5500-0518	5 mm	1/8" BSPT	£4.87
A5500-0514	5 mm	1/4" BSPT	£5.24
A5500-06M5	6 mm	M5	£4.67
A5500-06M6	6 mm	M6	£4.67
A5500-0618	6 mm	1/8" BSPT	£4.87
A5500-0614	6 mm	1/4" BSPT	£5.24
A5500-0818	8 mm	1/8" BSPT	£5.44
A5500-0814	8 mm	1/4" BSPT	£5.68
A5500-0838	8 mm	3/8" BSPT	£6.41
A5500-1014	10 mm	1/4" BSPT	£6.45
A5500-1038	10 mm	3/8" BSPT	£7.05
A5500-1238	12 mm	3/8" BSPT	£8.93
A5500-1212	12 mm	1/2" BSPT	£10.91
A5500-1412	14 mm	1/2" BSPT	£11.89



**DOUBLE BANJO BODY  
BSPT / METRIC MALE**

1410

PART NUMBER	TUBE OD	TO SUIT THREAD	PRICE
A5510-04M5	4 mm	M5	£7.93
A5510-04M6	4 mm	M6	£7.93
A5510-0418	4 mm	1/8" BSPT	£8.30
A5510-0518	5 mm	1/8" BSPT	£8.77
A5510-0514	5 mm	1/4" BSPT	£9.13
A5510-0618	6 mm	1/8" BSPT	£8.77
A5510-0614	6 mm	1/4" BSPT	£9.13
A5510-0818	8 mm	1/8" BSPT	£9.07
A5510-0814	8 mm	1/4" BSPT	£9.54



**SWIVEL DOUBLE BANJO BODY  
BSPT / METRIC MALE**

1410

PART NUMBER	TUBE OD	THREAD	PRICE
A5560-04M5	4 mm	M5	£10.86
A5560-0418	4 mm	1/8" BSPT	£12.02
A5560-0518	5 mm	1/8" BSPT	£13.16
A5560-0514	5 mm	1/4" BSPT	£14.17
A5560-0618	6 mm	1/8" BSPT	£13.16
A5560-0614	6 mm	1/4" BSPT	£14.17
A5560-0818	8 mm	1/8" BSPT	£12.02
A5560-0814	8 mm	1/4" BSPT	£15.38



**SWIVEL SINGLE BANJO BODY  
BSPT / METRIC MALE**

1410

PART NUMBER	TUBE OD	THREAD	PRICE
A5550-03M5	3 mm	M5	£9.38
A5550-04M5	4 mm	M5	£8.23
A5550-0418	4 mm	1/8" BSPT	£9.10
A5550-05M5	5 mm	M5	£8.23
A5550-0518	5 mm	1/8" BSPT	£9.13
A5550-0514	5 mm	1/4" BSPT	£11.08
A5550-06M5	6 mm	M5	£8.23
A5550-0618	6 mm	1/8" BSPT	£9.13
A5550-0614	6 mm	1/4" BSPT	£11.08
A5550-0818	8 mm	1/8" BSPT	£9.13
A5550-0814	8 mm	1/4" BSPT	£11.25
A5550-0838	8 mm	3/8" BSPT	£12.43
A5550-1014	10 mm	1/4" BSPT	£11.92
A5550-1038	10 mm	3/8" BSPT	£12.46
A5550-1238	12 mm	3/8" BSPT	£14.81

**BI-DIRECTIONAL FLOW  
REGULATOR  
BSPT / METRIC MALE – MANUAL  
REGULATOR**

1410

PART NUMBER	TUBE OD	THREAD	PRICE
A5925-03M5	3 mm	M5	£32.91
A5925-04M5	4 mm	M5	£31.38
A5925-0418	4 mm	1/8" BSPT	£24.95
A5925-05M5	5 mm	M5	£31.38
A5925-0518	5 mm	1/8" BSPT	£24.95
A5925-0514	5 mm	1/4" BSPT	£27.04
A5925-06M5	6 mm	M5	£31.38
A5925-0618	6 mm	1/8" BSPT	£24.95
A5925-0614	6 mm	1/4" BSPT	£27.04
A5925-0818	8 mm	1/8" BSPT	£24.95
A5925-0814	8 mm	1/4" BSPT	£27.04
A5925-0838	8 mm	3/8" BSPT	£40.27
A5925-1014	10 mm	1/4" BSPT	£27.93
A5925-1038	10 mm	3/8" BSPT	£41.01
A5925-1238	12 mm	3/8" BSPT	£41.01
A5925-1212	12 mm	1/2" BSPT	£52.52
A5925-1412	14 mm	1/2" BSPT	£52.52



You may also need ...

**Banjo stems**



... on page 685, section 13

## DESCRIPTION

The high pressure series is specifically used for centralised lubrication systems (oil and grease). This high pressure line can work up to 150 bar, even under strong vibrations. Specific threads are available to secure sealing and connection.

## MAIN ADVANTAGES

- Quick connection and disconnection
- Full flow
- 3 threads available: BSPP, BSPT & Metric
- Metric-specific threads
- Robust and resistant
- Range of temperature/high pressure

## APPLICATIONS

- Lubrication systems
- Heavy industry, railways
- Vehicles (truck, bus, farming)

## THREADS

Tapered gas in conformity with ISO 7.1, BS 21, DIN 2999.  
Metric tapered in conformity with UNI 7707.

## FLUIDS

Oil, water, grease. \*Compressed air.

## CONNECTION TUBES

Plastic tubes: PA6, PA66 for high pressure.  
\*PA6, PA11, PA12, polyethylene, polyurethane, braided PVC.

## SPECIFICATIONS

Pressure range – fluids	0 bar to 150 bar (0 to 15 MPa)
– compressed air	*0 bar to 30 bar (0 to 3 MPa)
Temperature range	-30°C to +130°C

## MATERIALS

Body	Nickel plated brass
Collet	Nickel plated brass
Seal	HNBR O-ring



**STRAIGHT ADAPTOR  
BSPT / METRIC MALE**

1410



**STRAIGHT CONNECTOR  
TUBE TO TUBE**

1410

PART NUMBER	TUBE OD	THREAD	PRICE
A58000-04M6	4 mm	M6 x 1	£3.28
A58000-04M8	4 mm	M8 x 1	£3.28
A58000-04M10	4 mm	M10 x 1	£3.28
A58000-0418	4 mm	1/8" BSPT	£3.28
A58000-06M6	6 mm	M6 x 1	£3.85
A58000-06M8	6 mm	M8 x 1	£3.85
A58000-06M10	6 mm	M10 x 1	£3.85
A58000-0618	6 mm	1/8" BSPT	£3.85

PART NUMBER	TUBE OD	PRICE
A58040-04	4 mm	£6.29
A58040-06	6 mm	£6.47



**ELBOW  
BSPT / METRIC MALE**

1410



**SWIVEL ELBOW  
BSPT / METRIC MALE**

1410

PART NUMBER	TUBE OD	THREAD	PRICE
A58100-04M6	4 mm	M6 x 1	£4.92
A58100-04M8	4 mm	M8 x 1	£4.92
A58100-04M10	4 mm	M10 x 1	£4.92
A58100-0418	4 mm	1/8" BSPT	£4.92
A58100-06M6	6 mm	M6 x 1	£5.34
A58100-06M8	6 mm	M8 x 1	£5.34
A58100-06M10	6 mm	M10 x 1	£5.34
A58100-0618	6 mm	1/8" BSPT	£5.34

PART NUMBER	TUBE OD	THREAD	PRICE
A58111-04M6	4 mm	M6 x 1	£6.73
A58111-04M8	4 mm	M8 x 1	£6.73
A58111-04M10	4 mm	M10 x 1	£6.73
A58111-0418	4 mm	1/8" BSPT	£6.73
A58111-06M6	6 mm	M6 x 1	£6.94
A58111-06M8	6 mm	M8 x 1	£6.94
A58111-06M10	6 mm	M10 x 1	£6.94
A58111-0618	6 mm	1/8" BSPT	£6.94

## DESCRIPTION

The swift fit series is orientated to the 'heavy duty' market. This full metal solution offers robust and high performances. Mainly used in environments with strong vibrations, abrasions and welding sparks. This line is manufactured to connect with inch tubes.

## MAIN ADVANTAGES

- Quick connection and disconnection
- Full flow and vacuum resistant tank to special shaped seals
- BSPT (universal short) NPTF
- Robust and resistant
- Large range to satisfy extreme applications
- EPDM (-40°C) version on demand
- Silicon free

## APPLICATIONS

- Robotics
- Heavy industry, railways
- Automotive welding
- Compressed air circuit
- Cooling water, vacuum
- Glycol with EPDM

## FEATURES / BENEFITS

- No stripped fittings or ports
- Completely reusable
- Quick installation
- No pitch identification
- Reduce inventory
- One fitting covers NPTF, BSPP, ISO7, ISO228, G thread, J thread

## SUITABILITY

Compressed air, water

## CONNECTION TUBES

Nylon, polyethylene, \*polyurethane, copper.  
A minimum hardness of 98 shore is required.

## SPECIFICATIONS

Pressure range	Vacuum to 17 bar
Temperature range	-20°C to +80°C
Torque min, max	5 Nm (3.7 ft lbs), 7 Nm (5.2 ft lbs)
Media	Compressed air, water

## MATERIALS

Body, thrust ring & sleeve	Nickel plated brass
Gripper collet	Stainless steel
Safety ring	Technopolymer
Lip seal & thread seal	NBR 70



1410

## STRAIGHT ADAPTOR UNIVERSAL MALE

PART NUMBER	TUBE OD	THREAD*	PRICE
A89000-1818	1/8"	1/8"	£3.96
A89000-1814	1/8"	1/4"	£3.96
A89000-53218	5/32"	1/8"	£3.43
A89000-53214	5/32"	1/4"	£4.00
A89000-1418	1/4"	1/8"	£3.63
A89000-1414	1/4"	1/4"	£4.00
A89000-1438	1/4"	3/8"	£4.87
A89000-51618	5/16"	1/8"	£4.03
A89000-51614	5/16"	1/4"	£4.03
A89000-51638	5/16"	3/8"	£4.50
A89000-3818	3/8"	1/8"	£5.47
A89000-3814	3/8"	1/4"	£5.47
A89000-3838	3/8"	3/8"	£5.61
A89000-3812	3/8"	1/2"	£7.09
A89000-1214	1/2"	1/4"	£6.62
A89000-1238	1/2"	3/8"	£7.02
A89000-1212	1/2"	1/2"	£10.31

\*Can be used on BSP, BSPT, NPT threads



1410

## STRAIGHT CONNECTOR

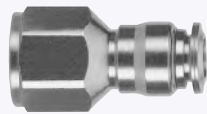
PART NUMBER	TUBE OD	TUBE OD	PRICE
A89040-18	1/8"	1/8"	£7.42
A89040-14532	1/4"	5/32"	£7.09
A89040-14	1/4"	1/4"	£7.09
A89040-3814	3/8"	1/4"	£9.27
A89040-3812	3/8"	1/2"	£11.52
A89040-38	3/8"	3/8"	£10.11
A89040-12	1/2"	1/2"	£11.72



1410

## BULKHEAD UNIVERSAL TUBE TO TUBE

PART NUMBER	TUBE OD	THREAD	PRICE
A89050-18M10	1/8"	M10 x 1	£8.70
A89050-14M14	1/4"	M14 x 1	£9.67
A89050-38M20	3/8"	M20 x 1	£14.51
A89050-12M22	1/2"	M22 x 1	£17.46



1410

## STRAIGHT ADAPTOR NPTF FEMALE

PART NUMBER	TUBE OD	THREAD	PRICE
A89030-1818	1/8"	1/8" NPTF	£5.21
A89030-1814	1/8"	1/4" NPTF	£5.94
A89030-53218	5/32"	1/8" NPTF	£5.24
A89030-53214	5/32"	1/4" NPTF	£5.98
A89030-1418	1/4"	1/8" NPTF	£5.27
A89030-1414	1/4"	1/4" NPTF	£6.01
A89030-3814	3/8"	1/4" NPTF	£7.99
A89030-3838	3/8"	3/8" NPTF	£7.89



1410

## TUBE REDUCER

PART NUMBER	TUBE OD	TUBE OD	PRICE
A89700-1418	1/4"	1/8"	£6.88
A89700-14532	1/4"	5/32"	£3.49
A89700-3814	3/8"	1/4"	£5.88
A89700-1214	1/2"	1/4"	£6.05
A89700-1238	1/2"	3/8"	£7.35



**ELBOW  
TUBE TO TUBE**

1410

PART NUMBER	TUBE OD	PRICE
A89130-18	1/8"	£7.25
A89130-14	1/4"	£6.38
A89130-38	3/8"	£9.71
A89130-12	1/2"	£12.73



**SWIVEL ELBOW  
NPTF FEMALE**

1410

PART NUMBER	TUBE OD	THREAD	PRICE
A89106-53218	5/32"	1/8" NPTF	£7.56
A89106-53214	5/32"	1/4" NPTF	£7.96
A89106-1418	1/4"	1/8" NPTF	£8.40
A89106-1414	1/4"	1/4" NPTF	£8.77
A89106-3818	3/8"	1/8" NPTF	£9.24
A89106-3814	3/8"	1/4" NPTF	£9.67



**SWIVEL ELBOW  
UNIVERSAL MALE**

1410

PART NUMBER	TUBE OD	THREAD	PRICE
A89111-1818	1/8"	1/8"	£5.64
A89111-1814	1/8"	1/4"	£6.68
A89111-53218	5/32"	1/8"	£6.21
A89111-53214	5/32"	1/4"	£6.82
A89111-1418	1/4"	1/8"	£6.31
A89111-1414	1/4"	1/4"	£6.82
A89111-1438	1/4"	3/8"	£9.94
A89111-51618	5/16"	1/8"	£7.25
A89111-51614	5/16"	1/4"	£7.62
A89111-51638	5/16"	3/8"	£9.81
A89111-3818	3/8"	1/8"	£9.50
A89111-3814	3/8"	1/4"	£9.94
A89111-3838	3/8"	3/8"	£11.15
A89111-3812	3/8"	1/2"	£13.00
A89111-1214	1/2"	1/4"	£12.33
A89111-1238	1/2"	3/8"	£13.50
A89111-1212	1/2"	1/2"	£15.45

\*Can be used on BSP, BSPT, NPT threads



**SWIVEL BRANCH TEE  
UNIVERSAL MALE**

1410

PART NUMBER	TUBE OD	THREAD*	PRICE
A89211-1818	1/8"	1/8"	£9.13
A89211-1814	1/8"	1/4"	£9.64
A89211-53218	5/32"	1/8"	£8.70
A89211-53214	5/32"	1/4"	£9.44
A89211-1418	1/4"	1/8"	£8.70
A89211-1414	1/4"	1/4"	£9.44
A89211-1438	1/4"	3/8"	£11.92
A89211-3818	3/8"	1/8"	£14.64
A89211-3814	3/8"	1/4"	£14.64
A89211-3838	3/8"	3/8"	£15.52
A89211-3812	3/8"	1/2"	£16.52
A89211-1214	1/2"	1/4"	£19.01
A89211-1238	1/2"	3/8"	£17.97
A89211-1212	1/2"	1/2"	£19.48

\*Can be used on BSP, BSPT, NPT threads



**UNION TEE  
TUBE TO TUBE**

1410

PART NUMBER	TUBE OD	PRICE
A89230-18	1/8"	£8.46
A89230-14	1/4"	£9.20
A89230-38	3/8"	£13.84
A89230-12	1/2"	£17.93



**SWIVEL RUN TEE  
UNIVERSAL MALE**

1410

PART NUMBER	TUBE OD	THREAD	PRICE
A89223-1818	1/8"	1/8"	£9.13
A89223-1814	1/8"	1/4"	£9.64
A89223-53218	5/32"	1/8"	£8.70
A89223-53214	5/32"	1/4"	£9.44
A89223-1418	1/4"	1/8"	£8.70
A89223-1414	1/4"	1/4"	£9.44
A89223-1438	1/4"	3/8"	£11.92
A89223-3818	3/8"	1/8"	£14.64
A89223-3814	3/8"	1/4"	£14.64
A89223-3838	3/8"	3/8"	£15.52
A89223-3812	3/8"	1/2"	£16.52
A89223-1214	1/2"	1/4"	£19.01
A89223-1238	1/2"	3/8"	£17.97
A89223-1212	1/2"	1/2"	£19.48

\*Can be used on BSP, BSPT, NPT threads

### THREADS

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

### FLUIDS

Compressed air, vacuum, steam and foods

### CONNECTION TUBES

Plastic tubes: PA6, PA11, PA12, PTFE polyethylene, \*polyurethane, etc.  
 \*For polyurethane hoses, a minimum hardness of 98 shore is required.

### APPLICABLE STANDARDS

Certified to NSF/ANSI 51

### SPECIFICATIONS

Pressure range -0.99 bar to 15 bar (-0.099 to 1.5 MPa)  
 Temperature range -15°C to +200°C

### MATERIALS

Body, collet & capsule Food grade nickel plated brass  
 Clamping washer Steel AISI 301  
 Safety ring PTFE  
 O-ring & thread packing Food grade FKM



### STRAIGHT ADAPTOR BSPP MALE

1410

### STRAIGHT ADAPTOR TUBE TO TUBE

1410

PART NUMBER	TUBE OD	THREAD	PRICE
A70020-04M5	4 mm	M5	£5.04
A70020-0418	4 mm	1/8" BSPP	£5.00
A70020-0618	6 mm	1/8" BSPP	£5.24
A70020-0614	6 mm	1/4" BSPP	£5.68
A70020-0818	8 mm	1/8" BSPP	£5.84
A70020-0814	8 mm	1/4" BSPP	£6.28
A70020-1014	10 mm	1/4" BSPP	£7.79
A70020-1038	10 mm	3/8" BSPP	£8.33
A70020-1238	12 mm	3/8" BSPP	£9.94

PART NUMBER	TUBE OD	PRICE
A70040-04	4 mm	£7.99
A70040-06	6 mm	£8.70
A70040-08	8 mm	£9.91
A70040-10	10 mm	£12.43
A70040-12	12 mm	£14.98



### SWIVEL ELBOW BSPP MALE

1410

### SWIVEL CENTRE LEG TEE BSPP MALE

1410

PART NUMBER	TUBE OD	THREAD	PRICE
A70116-04M5	4 mm	M5	£7.62
A70116-0418	4 mm	1/8" BSPP	£8.03
A70116-0618	6 mm	1/8" BSPP	£8.40
A70116-0614	6 mm	1/4" BSPP	£9.03
A70116-0818	8 mm	1/8" BSPP	£9.50
A70116-0814	8 mm	1/4" BSPP	£9.97
A70116-1014	10 mm	1/4" BSPP	£12.53
A70116-1038	10 mm	3/8" BSPP	£13.97
A70116-1238	12 mm	3/8" BSPP	£16.25

PART NUMBER	TUBE OD	THREAD	PRICE
A70216-0418	4 mm	1/8" BSPP	£11.69
A70216-0618	6 mm	1/8" BSPP	£12.22
A70216-0614	6 mm	1/4" BSPP	£13.03
A70216-0818	8 mm	1/8" BSPP	£14.61
A70216-0814	8 mm	1/4" BSPP	£15.15

*Aignep 70000 Series is no longer certified for use with drinking water. Aignep 60000 Series, in stainless steel, conforms to NSF/ANSI 51 & 61 and is available on pages 713 & 714.*



### TEE TUBE TO TUBE

1410

PART NUMBER	TUBE OD	PRICE
A70230-04	4 mm	£12.06
A70230-06	6 mm	£13.53
A70230-08	8 mm	£15.52
A70230-10	10 mm	£20.15
A70230-12	12 mm	£25.09

### THREADS

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

### FLUIDS

Compressed air.  
Fluids and liquids at low pressure compatible with the connection.

### CONNECTION TUBES

Plastic tubes: PA6, PA11, PA12, polyethylene, polyurethane, braided PVC.

### SPECIFICATIONS

Pressure range -0.99 bar to 15 bar  
Temperature range -20°C to +80°C

### MATERIALS

Body, base & nut Nickel plated brass  
O-ring seals NBR 70  
Washer Bronze



**STRAIGHT ADAPTOR  
BSPT MALE**

1410



**STRAIGHT ADAPTOR  
BSPP MALE**

1410

PART NUMBER	TUBE OD/ID	THREAD	PRICE
A1000-42718	4/2.7 mm	1/8" BSPT	£2.15
A1000-5318	5/3 mm	1/8" BSPT	£2.15
A1000-6418	6/4 mm	1/8" BSPT	£2.12
A1000-6414	6/4 mm	1/4" BSPT	£2.52
A1000-6438	6/4 mm	3/8" BSPT	£3.26
A1000-8618	8/6 mm	1/8" BSPT	£2.49
A1000-8614	8/6 mm	1/4" BSPT	£2.69
A1000-8638	8/6 mm	3/8" BSPT	£3.36
A1000-8612	8/6 mm	1/2" BSPT	£4.80
A1000-10818	10/8 mm	1/8" BSPT	£2.85
A1000-10814	10/8 mm	1/4" BSPT	£3.12
A1000-10838	10/8 mm	3/8" BSPT	£3.69
A1000-10812	10/8 mm	1/2" BSPT	£5.14
A1000-121038	12/10 mm	3/8" BSPT	£4.27
A1000-121012	12/10 mm	1/2" BSPT	£5.41
A1000-1512512	15/12.5 mm	1/2" BSPT	£6.35

PART NUMBER	TUBE OD/ID	THREAD	PRICE
A1020-42718	4/2.7 mm	1/8" BSPP	£2.15
A1020-5318	5/3 mm	1/8" BSPP	£2.32
A1020-6418	6/4 mm	1/8" BSPP	£2.42
A1020-6414	6/4 mm	1/4" BSPP	£3.09
A1020-6438	6/4 mm	3/8" BSPP	£3.90
A1020-8614	6/4 mm	1/2" BSPP	£6.01
A1020-8618	8/6 mm	1/8" BSPP	£2.72
A1020-8614	8/6 mm	1/4" BSPP	£3.16
A1020-8638	8/6 mm	3/8" BSPP	£3.86
A1020-8612	8/6 mm	1/2" BSPP	£5.91
A1020-10818	10/8 mm	1/8" BSPP	£3.26
A1020-10814	10/8 mm	1/4" BSPP	£3.59
A1020-10838	10/8 mm	3/8" BSPP	£4.10
A1020-10812	10/8 mm	1/2" BSPP	£6.48
A1020-121038	12/10 mm	3/8" BSPP	£4.63
A1020-121012	12/10 mm	1/2" BSPP	£7.09
A1020-1512512	15/12.5 mm	1/2" BSPP	£8.06



**SWIVEL STRAIGHT ADAPTOR  
BSPT MALE**

1410



**SWIVEL STRAIGHT ADAPTOR  
BSPP MALE**

1410

PART NUMBER	TUBE OD/ID	THREAD	PRICE
A1010-6418	6/4 mm	1/8" BSPT	£4.43
A1010-6414	6/4 mm	1/4" BSPT	£4.80
A1010-8618	8/6 mm	1/8" BSPT	£4.70
A1010-8614	8/6 mm	1/4" BSPT	£5.17
A1010-106514*	10/6.5 mm	1/4" BSPT	£5.84
A1010-10814	10/8 mm	1/4" BSPT	£5.84
A1010-12838	12/8 mm	3/8" BSPT	£7.99
A1010-121038	12/10 mm	3/8" BSPT	£7.99

\* Sizes for polyurethane tubing

PART NUMBER	TUBE OD/ID	THREAD	PRICE
A1015-6418	6/4 mm	1/8" BSPP	£4.43
A1015-6414	6/4 mm	1/4" BSPP	£4.80
A1015-8618	8/6 mm	1/8" BSPP	£4.70
A1015-8614	8/6 mm	1/4" BSPP	£5.17
A1015-106514*	10/6.5 mm	1/4" BSPP	£5.84
A1015-10814	10/8 mm	1/4" BSPP	£5.84
A1015-12838*	12/8 mm	3/8" BSPP	£7.99
A1015-121038	12/10 mm	3/8" BSPP	£7.99

\* Sizes for polyurethane tubing



**STRAIGHT ADAPTOR  
METRIC MALE**

1410



**STRAIGHT ADAPTOR WITH NUT & SPRING  
BSPT MALE**

1410

PART NUMBER	TUBE OD/ID	THREAD	PRICE
A1021-427M5	4/2.7 mm	M5	£1.85
A1021-427M6	4/2.7 mm	M6	£1.85
A1021-53M5	5/3 mm	M5	£2.02
A1021-53M6	5/3 mm	M6	£2.02
A1021-64M5	6/4 mm	M5	£2.02
A1021-64M6	6/4 mm	M6	£2.02
A1021-64M12	6/4 mm	M12 x 1	£3.22
A1021-64M121	6/4 mm	M12 x 1.25	£3.22
A1021-64M122	6/4 mm	M12 x 1.5	£3.22

PART NUMBER	TUBE OD/ID	THREAD	PRICE
A1025-6418	6/4 mm	1/8" BSPT	£3.96
A1025-6414	6/4 mm	1/4" BSPT	£4.27
A1025-8618	8/6 mm	1/8" BSPT	£4.13
A1025-8614	8/6 mm	1/4" BSPT	£4.30
A1025-8638	8/6 mm	3/8" BSPT	£5.00
A1025-8612	8/6 mm	1/2" BSPT	£6.48
A1025-10818	10/8 mm	1/8" BSPT	£4.87
A1025-10814	10/8 mm	1/4" BSPT	£4.90
A1025-10838	10/8 mm	3/8" BSPT	£5.68
A1025-10812	10/8 mm	1/2" BSPT	£7.15
A1025-121038	12/10 mm	3/8" BSPT	£6.68
A1025-121012	12/10 mm	1/2" BSPT	£7.99





**SWIVEL STRAIGHT ADAPTOR WITH NUT & SPRING**  
**BSPT MALE** 1410

PART NUMBER	TUBE OD/ID	THREAD	PRICE
A1026-6418	6/4 mm	1/8" BSPT	£5.91
A1026-6414	6/4 mm	1/4" BSPT	£6.45
A1026-8618	8/6 mm	1/8" BSPT	£6.05
A1026-8614	8/6 mm	1/4" BSPT	£6.62
A1026-106514*	10/6.5 mm	1/4" BSPT	£7.42
A1026-10814	10/8 mm	1/4" BSPT	£7.42
A1026-12838*	12/8 mm	3/8" BSPT	£9.81
A1026-121038	12/10 mm	3/8" BSPT	£9.81

\* Sizes for polyurethane tubing



**SWIVEL STRAIGHT ADAPTOR WITH NUT & SPRING**  
**BSPP MALE** 1410

PART NUMBER	TUBE OD/ID	THREAD	PRICE
A1027-6418	6/4 mm	1/8" BSPP	£6.01
A1027-6414	6/4 mm	1/4" BSPP	£6.52
A1027-8618	8/6 mm	1/8" BSPP	£6.11
A1027-8614	8/6 mm	1/4" BSPP	£6.72
A1027-106514*	10/6.5 mm	1/4" BSPP	£7.56
A1027-10814	10/8 mm	1/4" BSPP	£7.56
A1027-12838*	12/8 mm	3/8" BSPP	£9.81
A1027-121038	12/10 mm	3/8" BSPP	£9.81

\* Sizes for polyurethane tubing



**STRAIGHT ADAPTOR WITH NUT & SPRING**  
**BSPP MALE** 1410

PART NUMBER	TUBE OD/ID	THREAD	PRICE
A1028-6418	6/4 mm	1/8" BSPP	£4.10
A1028-6414	6/4 mm	1/4" BSPP	£4.70
A1028-6438	6/4 mm	3/8" BSPP	£5.17
A1028-6412	6/4 mm	1/2" BSPP	£6.85
A1028-8618	8/6 mm	1/8" BSPP	£4.27
A1028-8614	8/6 mm	1/4" BSPP	£4.70
A1028-8638	8/6 mm	3/8" BSPP	£5.27
A1028-8612	8/6 mm	1/2" BSPP	£6.72
A1028-10818	10/8 mm	1/8" BSPP	£5.04
A1028-10814	10/8 mm	1/4" BSPP	£5.34
A1028-10838	10/8 mm	3/8" BSPP	£5.84
A1028-10812	10/8 mm	1/2" BSPP	£7.29
A1028-121038	12/10 mm	3/8" BSPP	£7.49
A1028-121012	12/10 mm	1/2" BSPP	£9.17



**STRAIGHT ADAPTOR WITH NUT & SPRING**  
**BSPP FEMALE** 1410

PART NUMBER	TUBE OD/ID	THREAD	PRICE
A1035-6418	6/4 mm	1/8" BSPP	£4.16
A1035-6414	6/4 mm	1/4" BSPP	£4.74
A1035-6438	6/4 mm	3/8" BSPP	£5.94
A1035-8618	8/6 mm	1/8" BSPP	£4.40
A1035-8614	8/6 mm	1/4" BSPP	£5.14
A1035-8638	8/6 mm	3/8" BSPP	£6.48
A1035-8612	8/6 mm	1/2" BSPP	£7.29
A1035-10814	10/8 mm	1/4" BSPP	£5.81
A1035-10838	10/8 mm	3/8" BSPP	£6.75
A1035-10812	10/8 mm	1/2" BSPP	£7.69
A1035-121038	12/10 mm	3/8" BSPP	£8.26



**STRAIGHT ADAPTOR WITH NUT & SPRING**  
**METRIC MALE** 1410

PART NUMBER	TUBE OD/ID	THREAD	PRICE
A1029-64M12	6/4 mm	M12 x 1	£4.67
A1029-64M121	6/4 mm	M12 x 1.25	£4.67
A1029-64M122	6/4 mm	M12 x 1.5	£4.67

**BULKHEAD ADAPTOR**  
**METRIC TUBE TO TUBE** 1410

PART NUMBER	TUBE OD/ID	THREAD	PRICE
A1050-427M65	4/2.7 mm	M6 x 0.5	£5.74
A1050-53M7	5/3 mm	M7 x 0.75	£5.94
A1050-645M10	6/4 x 5/3 mm	M10 x 1	£6.08
A1050-64M10	6/4 mm	M10 x 1	£5.94
A1050-866M12	8/6 x 6/4 mm	M12 x 1	£6.85
A1050-86M12	8/6 mm	M12 x 1	£6.85
A1050-1088M14	10/8 x 6/4 mm	M14 x 1	£8.19
A1050-1088M14	10/8 x 8/6 mm	M14 x 1	£8.19
A1050-108M14	10/8 mm	M14 x 1	£7.79
A1050-1210M16	12/10 mm	M16 x 1	£9.03
A1050-15125M20	15/12.5 mm	M20 x 1	£14.81



**STRAIGHT ADAPTOR**  
**METRIC TUBE TO TUBE** 1410

PART NUMBER	TUBE OD/ID	TUBE OD	PRICE
A1040-427	4/2.7 mm	4/2.7 mm	£3.73
A1040-53	5/3 mm	5/3 mm	£3.93
A1040-6453	6/4 mm	5/3 mm	£4.77
A1040-64	6/4 mm	6/4 mm	£3.46
A1040-8664	8/6 mm	6/4 mm	£3.76
A1040-86	8/6 mm	8/6 mm	£4.03
A1040-10864	10/8 mm	6/4 mm	£5.14
A1040-10886	10/8 mm	8/6 mm	£5.41
A1040-108	10/8 mm	10/8 mm	£5.07
A1040-1210	12/10 mm	12/10 mm	£8.23
A1040-15125	15/12.5 mm	15/12.5 mm	£11.42



**STRAIGHT ADAPTOR**  
**BSPP FEMALE** 1410

PART NUMBER	TUBE OD/ID	THREAD	PRICE
A1030-6418	6/4 mm	1/8" BSPP	£2.49
A1030-6414	6/4 mm	1/4" BSPP	£3.06
A1030-6438	6/4 mm	3/8" BSPP	£4.40
A1030-8618	8/6 mm	1/8" BSPP	£2.52
A1030-8614	8/6 mm	1/4" BSPP	£3.09
A1030-8638	8/6 mm	3/8" BSPP	£4.53
A1030-8612	8/6 mm	1/2" BSPP	£5.14
A1030-10814	10/8 mm	1/4" BSPP	£3.46
A1030-10838	10/8 mm	3/8" BSPP	£4.77
A1030-10812	10/8 mm	1/2" BSPP	£6.01
A1030-121038	12/10 mm	3/8" BSPP	£6.82





**ELBOW  
BSPT MALE**

1410

PART NUMBER	TUBE OD/ID	THREAD	PRICE
A1100-42718	4/2.7 mm	1/8" BSPT	£3.96
A1100-5318	5/3 mm	1/8" BSPT	£2.92
A1100-6418	6/4 mm	1/8" BSPT	£2.92
A1100-6414	6/4 mm	1/4" BSPT	£3.12
A1100-6438	6/4 mm	3/8" BSPT	£4.13
A1100-8618	8/6 mm	1/8" BSPT	£3.16
A1100-8614	8/6 mm	1/4" BSPT	£3.46
A1100-8638	8/6 mm	3/8" BSPT	£3.93
A1100-8612	8/6 mm	1/2" BSPT	£7.49
A1100-10818	10/8 mm	1/8" BSPT	£4.13
A1100-10814	10/8 mm	1/4" BSPT	£4.16
A1100-10838	10/8 mm	3/8" BSPT	£4.77
A1100-10812	10/8 mm	1/2" BSPT	£7.29
A1100-121038	12/10 mm	3/8" BSPT	£5.91
A1100-121012	12/10 mm	1/2" BSPT	£7.99
A1100-1512512	15/12.5 mm	1/2" BSPT	£8.23



**SWIVEL ELBOW  
BSPT MALE**

1410

PART NUMBER	TUBE OD/ID	THREAD	PRICE
A1110-42718	4/2.7 mm	1/8" BSPT	£4.94
A1110-6418	6/4 mm	1/8" BSPT	£4.94
A1110-6414	6/4 mm	1/4" BSPT	£5.71
A1110-8618	8/6 mm	1/8" BSPT	£5.27
A1110-8614	8/6 mm	1/4" BSPT	£5.91
A1110-10814	10/8 mm	1/4" BSPT	£6.82



**ELBOW  
BSPP FEMALE**

1410

PART NUMBER	TUBE OD/ID	THREAD	PRICE
A1120-5318	5/3 mm	1/8" BSPP	£3.46
A1120-6418	6/4 mm	1/8" BSPP	£3.32
A1120-6414	6/4 mm	1/4" BSPP	£4.06
A1120-8618	8/6 mm	1/8" BSPP	£3.66
A1120-8614	8/6 mm	1/4" BSPP	£4.40
A1120-10814	10/8 mm	1/4" BSPP	£4.94
A1120-10838	10/8 mm	3/8" BSPP	£8.53



**SWIVEL ELBOW  
BSPP MALE**

1410

PART NUMBER	TUBE OD/ID	THREAD	PRICE
A1115-42718	4/2.7 mm	1/8" BSPP	£4.94
A1115-6418	6/4 mm	1/8" BSPP	£4.94
A1115-6414	6/4 mm	1/4" BSPP	£5.71
A1115-8618	8/6 mm	1/8" BSPP	£5.27
A1115-8614	8/6 mm	1/4" BSPP	£5.91
A1115-10814	10/8 mm	1/4" BSPP	£6.82



**CENTRE LEG TEE  
BSPT MALE**

1410

PART NUMBER	TUBE OD/ID	THREAD	PRICE
A1200-42718	4/2.7 mm	1/8" BSPT	£5.74
A1200-5318	5/3 mm	1/8" BSPT	£4.40
A1200-6418	6/4 mm	1/8" BSPT	£4.13
A1200-6414	6/4 mm	1/4" BSPT	£4.40
A1200-8618	8/6 mm	1/8" BSPT	£4.77
A1200-8614	8/6 mm	1/4" BSPT	£5.04
A1200-10818	10/8 mm	1/8" BSPT	£6.21
A1200-10814	10/8 mm	1/4" BSPT	£6.35
A1200-10838	10/8 mm	3/8" BSPT	£7.62
A1200-121038	12/10 mm	3/8" BSPT	£9.20
A1200-1512512	15/12.5 mm	1/2" BSPT	£12.29



**ELBOW  
METRIC TUBE TO TUBE**

1410

PART NUMBER	TUBE OD/ID	TUBE OD/ID	PRICE
A1130-427	4/2.7 mm	4/2.7 mm	£5.34
A1130-53	5/3 mm	5/3 mm	£4.03
A1130-64	6/4 mm	6/4 mm	£3.96
A1130-8664	8/6 mm	6/4 mm	£4.33
A1130-86	8/6 mm	8/6 mm	£4.40
A1130-108	10/8 mm	10/8 mm	£5.61
A1130-1210	12/10 mm	12/10 mm	£7.56
A1130-15125	15/12.5 mm	15/12.5 mm	£10.81



**SWIVEL CENTRE LEG TEE  
BSPT MALE**

1410

PART NUMBER	TUBE OD/ID	THREAD	PRICE
A1210-6418	6/4 mm	1/8" BSPT	£6.82
A1210-6414	6/4 mm	1/4" BSPT	£7.05
A1210-8618	8/6 mm	1/8" BSPT	£6.82
A1210-8614	8/6 mm	1/4" BSPT	£7.42
A1210-10814	10/8 mm	1/4" BSPT	£9.20



1410



1410

### SWIVEL CENTRE LEG TEE BSPP MALE

PART NUMBER	TUBE OD/ID	THREAD	PRICE
A1215-6418	6/4 mm	1/8" BSPP	£7.12
A1215-6414	6/4 mm	1/4" BSPP	£7.35
A1215-8618	8/6 mm	1/8" BSPP	£7.12
A1215-8614	8/6 mm	1/4" BSPP	£7.83
A1215-10818	10/8 mm	1/8" BSPP	£9.30
A1215-10814	10/8 mm	1/4" BSPP	£9.67

### OFF SET LEG TEE BSPT MALE

PART NUMBER	TUBE OD/ID	THREAD	PRICE
A1220-5318	5/3 mm	1/8" BSPT	£4.77
A1220-6418	6/4 mm	1/8" BSPT	£4.30
A1220-6414	6/4 mm	1/4" BSPT	£4.50
A1220-8618	8/6 mm	1/8" BSPT	£4.80
A1220-8614	8/6 mm	1/4" BSPT	£5.07
A1220-10818	10/8 mm	1/8" BSPT	£6.25
A1220-10814	10/8 mm	1/4" BSPT	£6.41
A1220-10838	10/8 mm	3/8" BSPT	£7.56
A1220-121038	12/10 mm	3/8" BSPT	£9.24
A1220-1512512	15/12 mm	1/2" BSPT	£13.06



1410



1410

### TEE METRIC TUBE TO TUBE

PART NUMBER	TUBE OD/ID	TUBE OD/ID	PRICE
A1230-427	4/2.7 mm	4/2.7 mm	£5.98
A1230-53	5/3 mm	5/3 mm	£4.94
A1230-64	6/4 mm	6/4 mm	£5.14
A1230-8664	8/6 mm	6/4 mm	£5.71
A1230-86	8/6 mm	8/6 mm	£5.71
A1230-10864	10/8 mm	6/4 mm	£7.22
A1230-10886	10/8 mm	8/6 mm	£7.42
A1230-108	10/8 mm	10/8 mm	£7.49
A1230-1210	12/10 mm	12/10 mm	£10.38
A1230-15125	15/12 mm	15/12 mm	£15.62

### CROSS METRIC TUBE TO TUBE

PART NUMBER	TUBE OD/ID	TUBE OD/ID	PRICE
A1300-53	5/3 mm	5/3 mm	£8.36
A1300-64	6/4 mm	6/4 mm	£8.40
A1300-86	8/6 mm	8/6 mm	£9.64
A1300-108	10/8 mm	10/8 mm	£12.09
A1300-1210	12/10 mm	12/10 mm	£17.26
A1300-15125	15/12 mm	15/12 mm	£25.42



1410



1410

### SINGLE BANJO BODY

PART NUMBER	TUBE OD/ID	THREAD	PRICE
A1500-427M5	4/2.7 mm	M5	£2.52
A1500-427M6	4/2.7 mm	M6	£3.16
A1500-42718	4/2.7 mm	1/8"	£3.49
A1500-53M5	5/3 mm	M5	£2.45
A1500-5318	5/3 mm	1/8"	£3.46
A1500-64M5	6/4 mm	M5	£2.62
A1500-64M6	6/4 mm	M6	£3.16
A1500-6418	6/4 mm	1/8"	£3.86
A1500-6414	6/4 mm	1/4"	£3.93
A1500-6438	6/4 mm	3/8"	£5.00
A1500-8618	8/6 mm	1/8"	£3.93
A1500-8614	8/6 mm	1/4"	£4.10
A1500-8638	8/6 mm	3/8"	£5.27
A1500-8612	8/6 mm	1/2"	£6.82
A1500-10818	10/8 mm	1/8"	£4.13
A1500-10814	10/8 mm	1/4"	£4.47
A1500-10838	10/8 mm	3/8"	£5.64
A1500-10812	10/8 mm	1/2"	£7.12
A1500-121038	12/10 mm	3/8"	£6.65
A1500-121012	12/10 mm	1/2"	£8.26
A1500-1512512	15/12 mm	1/2"	£8.53

### DOUBLE BANJO BODY

PART NUMBER	TUBE OD/ID	THREAD	PRICE
A1510-427M5	4/2.7 mm	M5	£4.06
A1510-42718	4/2.7 mm	1/8"	£6.38
A1510-53M5	5/3 mm	M5	£4.03
A1510-5318	5/3 mm	1/8"	£6.05
A1510-64M5	6/4 mm	M5	£4.94
A1510-6418	6/4 mm	1/8"	£6.41
A1510-6414	6/4 mm	1/4"	£6.88
A1510-6438	6/4 mm	3/8"	£7.99
A1510-8618	8/6 mm	1/8"	£6.75
A1510-8614	8/6 mm	1/4"	£6.75
A1510-8638	8/6 mm	3/8"	£7.99
A1510-8612	8/6 mm	1/2"	£9.67
A1510-10818	10/8 mm	1/8"	£7.35
A1510-10814	10/8 mm	1/4"	£7.49
A1510-10838	10/8 mm	3/8"	£8.50
A1510-10812	10/8 mm	1/2"	£10.21
A1510-121038	12/10 mm	3/8"	£9.84
A1510-121012	12/10 mm	1/2"	£11.45
A1510-1512512	15/12 mm	1/2"	£13.00



ALUMINIUM WASHER

1410



PA66 NOTCHED WASHER

1410

PART NUMBER	THREAD	PRICE
A1600-M5	M5	£0.17
A1600-18	1/8"	£0.27
A1600-14	1/4"	£0.40
A1600-38	3/8"	£0.40
A1600-12	1/2"	£0.47
A1600-M12	M12	£0.40

PART NUMBER	THREAD	PRICE
A1610-M3	M3	£0.37
A1610-M5	M5	£0.37
A1610-M6	M6	£0.37
A1610-18	1/8"	£0.37
A1610-14	1/4"	£0.40
A1610-38	3/8"	£0.44
A1610-12	1/2"	£0.47
A1610-34	3/4"	£1.28
A1610-1	1"	£1.68



LOCKING NUT

1410

PART NUMBER	TUBE OD/ID	THREAD	PRICE
A1700-427M6	4/2.7 mm	M6 x 0.5	£0.64
A1700-53M7	5/3 mm	M7 x 0.75	£0.57
A1700-64M8	6/4 mm	M8 x 0.75	£0.67
A1700-64M10	6/4 mm	M10 x 1	£0.67
A1700-86M12	8/6 mm	M12 x 1	£0.81
A1700-108M14	10/8 mm	M14 x 1	£1.11
A1700-1210M16	12/10 mm	M16 x 1	£1.44
A1700-15125M20	15/12.5 mm	M20 x 1	£1.98



LOCKING NUT WITH SPRING

1410

PART NUMBER	TUBE OD/ID	THREAD	PRICE
A1710-64M10	6/4 mm	M10 x 1	£2.65
A1710-86M12	8/6 mm	M12 x 1	£3.02
A1710-108M14	10/8 mm	M14 x 1	£3.22
A1710-1210M16	12/10 mm	M16 x 1	£4.50



SINGLE BANJO STEM

BSPT MALE / METRIC MALE

1410

PART NUMBER	THREAD	PRICE
A51410-M5	M5	£1.81
A51410-M6	M6	£1.95
A51410-18	1/8" BSPT	£2.35
A51410-14	1/4" BSPT	£3.02
A51410-38	3/8" BSPT	£4.33
A51410-12	1/2" BSPT	£7.49
A51410-M12	M12 x 1.5	£3.12



SINGLE BANJO STEM

MALE x FEMALE

1410

PART NUMBER	MALE THREAD	FEMALE THREAD	PRICE
A51440-18	1/8"	1/8"	£3.66
A51440-14	1/4"	1/4"	£5.24
A51440-38	3/8"	3/8"	£6.88



DOUBLE BANJO STEM

BSPT MALE / METRIC MALE

1410

PART NUMBER	THREAD	PRICE
A51420-18	1/8" BSPT	£3.26
A51420-14	1/4" BSPT	£4.70
A51420-38	3/8" BSPT	£7.09
A51420-12	1/2" BSPT	£12.02
A51420-M12	M12 x 1.5	£5.07



SINGLE BANJO STEM - LIGHT

MALE

1410

PART NUMBER	THREAD	PRICE
ALG410-M5	M5	£1.75
ALG410-M6	M6	£1.91



TRIPLE BANJO STEM

BSPT MALE

1410

PART NUMBER	THREAD	PRICE
A51430-18	1/8" BSPT	£5.47
A51430-14	1/4" BSPT	£7.02
A51430-38	3/8" BSPT	£9.97
A51430-12	1/2" BSPT	£16.25



SINGLE BANJO BODY - LIGHT

1410

PART NUMBER	TUBE OD/ID	THREAD	PRICE
ALG500-427M5	4/2.7 mm	M5	£2.42
ALG500-427M6	4/2.7 mm	M6	£3.16
ALG500-53M5	5/3 mm	M5	£2.45
ALG500-64M5	6/4 mm	M5	£2.62
ALG500-64M6	6/4 mm	M6	£3.16

## DESCRIPTION

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 tube's features. The values below are the maximum pressures advised for the fittings at a temperature of 20°C connected to copper tube, which has a thickness of 1 mm. Working pressures stated have been obtained from a test using a Safety Factor 4.

## THREADS

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

## FLUIDS

Water, oils, compressed air, fluids in general for the hydraulic, pneumatic & oil dynamic plants, etc.

## CONNECTION TUBES

Tubes made in copper, steel, iron, aluminium, brass, etc. With an inside support bush, may also be used for plastic material, such as Rilsan PA 11, nylon PA 6, etc.

## MAX. PRESSURE ADVISED

SIZE	9000 SERIES		13000 SERIES	
	Ø 4	130 kg/cm <sup>2</sup>	128.6 bar	150 kg/cm <sup>2</sup>
Ø 6	180 kg/cm <sup>2</sup>	178.1 bar	150 kg/cm <sup>2</sup>	148.4 bar
Ø 8	150 kg/cm <sup>2</sup>	148.4 bar	135 kg/cm <sup>2</sup>	133.6 bar
Ø 10	115 kg/cm <sup>2</sup>	113.8 bar	95 kg/cm <sup>2</sup>	94.0 bar
Ø 12	75 kg/cm <sup>2</sup>	72.4 bar	75 kg/cm <sup>2</sup>	74.2 bar
Ø 14	70 kg/cm <sup>2</sup>	69.3 bar	100 kg/cm <sup>2</sup>	99.0 bar
Ø 15	70 kg/cm <sup>2</sup>	69.3 bar	95 kg/cm <sup>2</sup>	94.0 bar
Ø 16	70 kg/cm <sup>2</sup>	69.3 bar	95 kg/cm <sup>2</sup>	94.0 bar
Ø 18	65 kg/cm <sup>2</sup>	64.3 bar	70 kg/cm <sup>2</sup>	69.3 bar
Ø 22	-	-	70 kg/cm <sup>2</sup>	69.3 bar

## ASSEMBLY INSTRUCTIONS

To ensure the best results using these fittings, please follow the instructions listed.

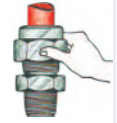
1. Cut the tube at 90° and remove internal and external burrs.



2. Lightly oil the tube nut, olive and fitting thread. Slide the nut and olive onto the tube, ensuring that the sharp side of the olive is facing the fitting.



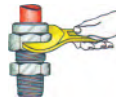
3. Screw the nut onto the fitting by hand until hand-tight.



4. Ensure that the tube is pushed fully home into the fitting before tightening the nut with the correct spanner.



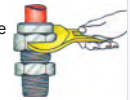
5. Tighten nut with the spanner one and a quarter turns, marking reference points if necessary.



6. To ensure that the olive has gripped the tube correctly, unscrew the nut and make sure that the groove made by the olive is even.



7. Tighten the nut again with an extra quarter turn. When fitting to curved tubes, ensure that the section entering the fitting is straight for a minimum length of twice the nut height.



## 9000 SERIES

### TEE

#### TUBE TO TUBE



1460

PART NUMBER	TUBE OD	PRICE
A9200-04	4 mm	£4.56
A9200-06	6 mm	£4.94
A9200-08	8 mm	£5.87
A9200-10	10 mm	£9.66
A9200-12	12 mm	£12.52
A9200-14	14 mm	£19.84
A9200-15	15 mm	£19.51
A9200-16	16 mm	£24.06
A9200-18	18 mm	£29.26

## 9000 SERIES

### CENTRE LEG TEE

#### BSPT MALE



1460

PART NUMBER	TUBE OD	THREAD	PRICE
A9220-0418	4 mm	1/8" BSPT	£3.67
A9220-0618	6 mm	1/8" BSPT	£3.89
A9220-0614	6 mm	1/4" BSPT	£4.20
A9220-0818	8 mm	1/8" BSPT	£4.60
A9220-0814	8 mm	1/4" BSPT	£4.65
A9220-0838	8 mm	3/8" BSPT	£5.72
A9220-1014	10 mm	1/4" BSPT	£7.70
A9220-1038	10 mm	3/8" BSPT	£8.75
A9220-1238	12 mm	3/8" BSPT	£10.21
A9220-1212	12 mm	1/2" BSPT	£10.21
A9220-1412	14 mm	1/2" BSPT	£15.76
A9220-1512	15 mm	1/2" BSPT	£15.76
A9220-1612	16 mm	1/2" BSPT	£18.84
A9220-1812	18 mm	1/2" BSPT	£24.09

## 9000 SERIES

### OFF SET LEG TEE

#### BSPT MALE



1460

PART NUMBER	TUBE OD	THREAD	PRICE
A9230-0418	4 mm	1/8" BSPT	£3.67
A9230-0618	6 mm	1/8" BSPT	£3.89
A9230-0614	6 mm	1/4" BSPT	£4.20
A9230-0818	8 mm	1/8" BSPT	£4.60
A9230-0814	8 mm	1/4" BSPT	£4.65
A9230-0838	8 mm	3/8" BSPT	£5.72
A9230-1014	10 mm	1/4" BSPT	£7.70
A9230-1038	10 mm	3/8" BSPT	£7.73
A9230-1238	12 mm	3/8" BSPT	£10.21
A9230-1212	12 mm	1/2" BSPT	£10.21
A9230-1412	14 mm	1/2" BSPT	£15.76
A9230-1512	15 mm	1/2" BSPT	£15.76
A9230-1612	16 mm	1/2" BSPT	£19.77
A9230-1812	18 mm	1/2" BSPT	£24.09

## 9000 SERIES

### ELBOW

#### TUBE TO TUBE



1460

PART NUMBER	TUBE OD	PRICE
A9260-04	4 mm	£3.29
A9260-06	6 mm	£3.60
A9260-08	8 mm	£4.22
A9260-10	10 mm	£6.75
A9260-12	12 mm	£8.99
A9260-14	14 mm	£13.88
A9260-15	15 mm	£13.88
A9260-16	16 mm	£17.17
A9260-18	18 mm	£20.73

## 9000 SERIES ELBOW BSPT MALE



1460

PART NUMBER	TUBE OD	THREAD	PRICE
A9280-0418	4 mm	1/8" BSPT	£2.43
A9280-0618	6 mm	1/8" BSPT	£2.58
A9280-0614	6 mm	1/4" BSPT	£2.77
A9280-0818	8 mm	1/8" BSPT	£3.12
A9280-0814	8 mm	1/4" BSPT	£3.20
A9280-0838	8 mm	3/8" BSPT	£3.77
A9280-1014	10 mm	1/4" BSPT	£4.72
A9280-1038	10 mm	3/8" BSPT	£4.75
A9280-1238	12 mm	3/8" BSPT	£6.46
A9280-1212	12 mm	1/2" BSPT	£7.25
A9280-1412	14 mm	1/2" BSPT	£9.80
A9280-1512	15 mm	1/2" BSPT	£10.02
A9280-1612	16 mm	1/2" BSPT	£11.92
A9280-1812	18 mm	1/2" BSPT	£15.34

## 9000 SERIES STRAIGHT ADAPTOR TUBE TO TUBE



1460

PART NUMBER	TUBE OD	PRICE
A9460-04	4 mm	£3.08
A9460-06	6 mm	£3.27
A9460-08	8 mm	£3.79
A9460-10	10 mm	£6.03
A9460-12	12 mm	£8.42
A9460-14	14 mm	£12.64
A9460-15	15 mm	£12.45
A9460-16	16 mm	£15.07
A9460-18	18 mm	£16.17

## 9000 SERIES STRAIGHT ADAPTOR BSPT MALE



1460

PART NUMBER	TUBE OD	THREAD	PRICE
A9480-0418	4 mm	1/8" BSPT	£1.88
A9480-0618	6 mm	1/8" BSPT	£1.96
A9480-0614	6 mm	1/4" BSPT	£2.17
A9480-0818	8 mm	1/8" BSPT	£2.17
A9480-0814	8 mm	1/4" BSPT	£2.29
A9480-0838	8 mm	3/8" BSPT	£2.96
A9480-1014	10 mm	1/4" BSPT	£3.48
A9480-1038	10 mm	3/8" BSPT	£3.72
A9480-1238	12 mm	3/8" BSPT	£5.13
A9480-1212	12 mm	1/2" BSPT	£6.11
A9480-1412	14 mm	1/2" BSPT	£7.82
A9480-1512	15 mm	1/2" BSPT	£7.82
A9480-1612	16 mm	1/2" BSPT	£9.28
A9480-1812	18 mm	1/2" BSPT	£10.40

## 9000 SERIES STRAIGHT ADAPTOR BSPP FEMALE



1460

PART NUMBER	TUBE OD	THREAD	PRICE
A9500-0418	4 mm	1/8" BSPP	£2.50
A9500-0618	6 mm	1/8" BSPP	£2.58
A9500-0614	6 mm	1/4" BSPP	£2.89
A9500-0818	8 mm	1/8" BSPP	£2.74
A9500-0814	8 mm	1/4" BSPP	£2.96
A9500-0838	8 mm	3/8" BSPP	£3.65
A9500-1014	10 mm	1/4" BSPP	£4.72
A9500-1038	10 mm	3/8" BSPP	£5.27
A9500-1238	12 mm	3/8" BSPP	£5.72
A9500-1212	12 mm	1/2" BSPP	£6.44
A9500-1412	14 mm	1/2" BSPP	£8.23
A9500-1512	15 mm	1/2" BSPP	£8.23
A9500-1612	16 mm	1/2" BSPP	£9.13
A9500-1812	18 mm	1/2" BSPP	£10.40

## 9000 SERIES SINGLE BANJO BODY BSPT MALE



1460

PART NUMBER	TUBE OD	THREAD	PRICE
A9550-0418	4 mm	1/8" BSPT	£5.13
A9550-0618	6 mm	1/8" BSPT	£5.15
A9550-0614	6 mm	1/4" BSPT	£6.44
A9550-0818	8 mm	1/8" BSPT	£6.13
A9550-0814	8 mm	1/4" BSPT	£6.53
A9550-0838	8 mm	3/8" BSPT	£10.09
A9550-1014	10 mm	1/4" BSPT	£9.68
A9550-1038	10 mm	3/8" BSPT	£10.88
A9550-1238	12 mm	3/8" BSPT	£15.67

## 9000 SERIES NUT TUBE



1460

PART NUMBER	TUBE OD	PRICE
A9680-04	4 mm	£0.52
A9680-06	6 mm	£0.60
A9680-08	8 mm	£0.74
A9680-10	10 mm	£1.36
A9680-12	12 mm	£1.81
A9680-14	14 mm	£3.20
A9680-15	15 mm	£3.20
A9680-16	16 mm	£3.98
A9680-18	18 mm	£4.34

## 9000 SERIES OLIVE TUBE



1460

PART NUMBER	TUBE OD	PRICE
A9740-04	4 mm	£0.29
A9740-06	6 mm	£0.31
A9740-08	8 mm	£0.33
A9740-10	10 mm	£0.52
A9740-12	12 mm	£0.57
A9740-14	14 mm	£0.57
A9740-15	15 mm	£0.57
A9740-16	16 mm	£0.64
A9740-18	18 mm	£0.76

You may also need ...

### Blow guns



... on pages 613, section 11,  
860 – 861, section 16,  
954 – 965, section 19 and 1004 – 1005, section 20

### 13000 SERIES STRAIGHT CONNECTOR



1460

PART NUMBER	TUBE OD	PRICE
A13460-04	4 mm	£2.96
A13460-06	6 mm	£3.20
A13460-08	8 mm	£3.48
A13460-10	10 mm	£4.98
A13460-12	12 mm	£6.44
A13460-14	14 mm	£7.11
A13460-15	15 mm	£7.89
A13460-16	16 mm	£10.06
A13460-18	18 mm	£12.93
A13460-22	22 mm	£19.77

### 13000 SERIES BULKHEAD CONNECTOR



1460

PART NUMBER	TUBE OD	PRICE
A13465-04	4 mm	£5.27
A13465-06	6 mm	£5.84
A13465-08	8 mm	£6.25
A13465-10	10 mm	£9.23
A13465-12	12 mm	£12.07
A13465-14	14 mm	£14.10

### 13000 SERIES STRAIGHT ADAPTOR BSPT MALE



1460

PART NUMBER	TUBE OD	THREAD	PRICE
A13480-0418	4 mm	1/8" BSPT	£1.74
A13480-0414	4 mm	1/4" BSPT	£2.19
A13480-0618	6 mm	1/8" BSPT	£1.91
A13480-0614	6 mm	1/4" BSPT	£2.38
A13480-0638	6 mm	3/8" BSPT	£3.03
A13480-0818	8 mm	1/8" BSPT	£2.22
A13480-0814	8 mm	1/4" BSPT	£2.48
A13480-0838	8 mm	3/8" BSPT	£3.20
A13480-1014	10 mm	1/4" BSPT	£3.51
A13480-1038	10 mm	3/8" BSPT	£3.86
A13480-1012	10 mm	1/2" BSPT	£4.98
A13480-1214	12 mm	1/4" BSPT	£4.25
A13480-1238	12 mm	3/8" BSPT	£4.25
A13480-1212	12 mm	1/2" BSPT	£5.03
A13480-1438	14 mm	3/8" BSPT	£4.79
A13480-1412	14 mm	1/2" BSPT	£5.63
A13480-1512	15 mm	1/2" BSPT	£5.72
A13480-1612	16 mm	1/2" BSPT	£6.53
A13480-1634	16 mm	3/4" BSPT	£8.75
A13480-1812	18 mm	1/2" BSPT	£8.18
A13480-1834	18 mm	3/4" BSPT	£9.71
A13480-2212	22 mm	1/2" BSPT	£13.05
A13480-2234	22 mm	3/4" BSPT	£13.36

### 13000 SERIES STRAIGHT ADAPTOR BSPP FEMALE



1460

PART NUMBER	TUBE OD	THREAD	PRICE
A13500-0418	4 mm	1/8" BSPP	£2.48
A13500-0414	4 mm	1/4" BSPP	£2.77
A13500-0618	6 mm	1/8" BSPP	£2.62
A13500-0614	6 mm	1/4" BSPP	£2.77
A13500-0818	8 mm	1/8" BSPP	£2.67
A13500-0814	8 mm	1/4" BSPP	£2.91
A13500-0838	8 mm	3/8" BSPP	£3.34
A13500-1014	10 mm	1/4" BSPP	£3.86
A13500-1038	10 mm	3/8" BSPP	£4.15
A13500-1012	10 mm	1/2" BSPP	£4.77
A13500-1214	12 mm	1/4" BSPP	£4.60
A13500-1238	12 mm	3/8" BSPP	£4.79
A13500-1212	12 mm	1/2" BSPP	£5.41
A13500-1438	14 mm	3/8" BSPP	£4.87
A13500-1412	14 mm	1/2" BSPP	£5.58
A13500-1512	15 mm	1/2" BSPP	£6.25
A13500-1612	16 mm	1/2" BSPP	£7.49
A13500-1634	16 mm	3/4" BSPP	£9.04
A13500-1812	18 mm	1/2" BSPP	£8.44
A13500-1834	18 mm	3/4" BSPP	£10.02
A13500-2234	22 mm	3/4" BSPP	£13.59

### 13000 SERIES STRAIGHT ADAPTOR WITH O-RING BSPP MALE



1460

PART NUMBER	TUBE OD	THREAD	PRICE
A13485-0418	4 mm	1/8" BSPP	£2.79
A13485-0618	6 mm	1/8" BSPP	£2.86
A13485-0614	6 mm	1/4" BSPP	£3.36
A13485-0818	8 mm	1/8" BSPP	£3.20
A13485-0814	8 mm	1/4" BSPP	£3.46
A13485-0838	8 mm	3/8" BSPP	£5.27
A13485-1014	10 mm	1/4" BSPP	£5.37
A13485-1038	10 mm	3/8" BSPP	£6.46
A13485-1438	14 mm	3/8" BSPP	£7.08
A13485-1412	14 mm	1/2" BSPP	£8.90
A13485-2234	22 mm	3/4" BSPP	£19.06
A13485-2201	22 mm	1" BSPP	£29.33

### 13000 SERIES EQUAL TEE CONNECTOR



1460

PART NUMBER	TUBE OD	PRICE
A13200-04	4 mm	£4.52
A13200-06	6 mm	£4.89
A13200-08	8 mm	£5.58
A13200-10	10 mm	£8.37
A13200-12	12 mm	£11.16
A13200-14	14 mm	£14.10
A13200-15	15 mm	£14.93
A13200-16	16 mm	£18.20
A13200-18	18 mm	£21.97
A13200-22	22 mm	£32.29

### 13000 SERIES CENTRE LEG TEE BSPT MALE



1460

PART NUMBER	TUBE OD	THREAD	PRICE
A13220-0418	4 mm	1/8" BSPT	£3.84
A13220-0618	6 mm	1/8" BSPT	£4.29
A13220-0614	6 mm	1/4" BSPT	£4.29
A13220-0818	8 mm	1/8" BSPT	£4.87
A13220-0814	8 mm	1/4" BSPT	£4.89
A13220-0838	8 mm	3/8" BSPT	£6.32
A13220-1014	10 mm	1/4" BSPT	£7.25
A13220-1038	10 mm	3/8" BSPT	£7.87
A13220-1012	10 mm	1/2" BSPT	£8.30
A13220-1214	12 mm	1/4" BSPT	£8.75
A13220-1238	12 mm	3/8" BSPT	£8.75
A13220-1212	12 mm	1/2" BSPT	£9.35
A13220-1438	14 mm	3/8" BSPT	£10.88
A13220-1412	14 mm	1/2" BSPT	£11.52
A13220-1512	15 mm	1/2" BSPT	£12.23
A13220-1612	16 mm	1/2" BSPT	£14.69
A13220-1812	18 mm	1/2" BSPT	£17.65
A13220-1834	18 mm	3/4" BSPT	£17.93
A13220-2234	22 mm	3/4" BSPT	£25.59

### 13000 SERIES CENTRE LEG TEE BSPP FEMALE



1460

PART NUMBER	TUBE OD	THREAD	PRICE
A13240-0418	4 mm	1/8" BSPP	£3.79
A13240-0618	6 mm	1/8" BSPP	£4.13
A13240-0614	6 mm	1/4" BSPP	£5.44
A13240-0818	8 mm	1/8" BSPP	£4.91
A13240-0814	8 mm	1/4" BSPP	£5.68
A13240-1014	10 mm	1/4" BSPP	£6.63
A13240-1038	10 mm	3/8" BSPP	£7.44
A13240-1012	10 mm	1/2" BSPP	£8.73
A13240-1214	12 mm	1/4" BSPP	£8.82
A13240-1238	12 mm	3/8" BSPP	£8.82
A13240-1212	12 mm	1/2" BSPP	£9.85
A13240-1412	14 mm	1/2" BSPP	£11.78
A13240-1512	15 mm	1/2" BSPP	£11.78
A13240-1612	16 mm	1/2" BSPP	£14.07
A13240-1812	18 mm	1/2" BSPP	£16.74
A13240-1834	18 mm	3/4" BSPP	£18.39

### 13000 SERIES OFF SET RUN LEG TEE BSPT MALE



1460

PART NUMBER	TUBE OD	THREAD	PRICE
A13230-0418	4 mm	1/8" BSPT	£3.84
A13230-0618	6 mm	1/8" BSPT	£4.29
A13230-0614	6 mm	1/4" BSPT	£4.29
A13230-0818	8 mm	1/8" BSPT	£4.87
A13230-0814	8 mm	1/4" BSPT	£4.89
A13230-0838	8 mm	3/8" BSPT	£6.32
A13230-1014	10 mm	1/4" BSPT	£7.25
A13230-1038	10 mm	3/8" BSPT	£7.87
A13230-1238	12 mm	3/8" BSPT	£8.75
A13230-1212	12 mm	1/2" BSPT	£9.40
A13230-1412	14 mm	1/2" BSPT	£11.52

### 13000 SERIES EQUAL ELBOW CONNECTOR



1460

PART NUMBER	TUBE OD	PRICE
A13260-04	4 mm	£3.39
A13260-06	6 mm	£3.79
A13260-08	8 mm	£4.05
A13260-10	10 mm	£6.25
A13260-12	12 mm	£8.11
A13260-14	14 mm	£9.30
A13260-15	15 mm	£9.97
A13260-16	16 mm	£13.02
A13260-18	18 mm	£15.10
A13260-22	22 mm	£22.66

### 13000 SERIES ELBOW ADAPTOR BSPT MALE



1460

PART NUMBER	TUBE OD	THREAD	PRICE
A13280-0418	4 mm	1/8" BSPT	£2.46
A13280-0618	6 mm	1/8" BSPT	£2.79
A13280-0614	6 mm	1/4" BSPT	£2.65
A13280-0818	8 mm	1/8" BSPT	£2.89
A13280-0814	8 mm	1/4" BSPT	£2.91
A13280-0838	8 mm	3/8" BSPT	£3.67
A13280-1014	10 mm	1/4" BSPT	£4.05
A13280-1038	10 mm	3/8" BSPT	£4.15
A13280-1012	10 mm	1/2" BSPT	£5.01
A13280-1214	12 mm	1/4" BSPT	£5.87
A13280-1238	12 mm	3/8" BSPT	£5.82
A13280-1212	12 mm	1/2" BSPT	£6.22
A13280-1438	14 mm	3/8" BSPT	£6.84
A13280-1412	14 mm	1/2" BSPT	£6.84
A13280-1512	15 mm	1/2" BSPT	£7.39
A13280-1612	16 mm	1/2" BSPT	£9.40
A13280-1812	18 mm	1/2" BSPT	£10.54
A13280-1834	18 mm	3/4" BSPT	£10.57
A13280-2234	22 mm	3/4" BSPT	£15.31

### 13000 SERIES ELBOW ADAPTOR BSPP FEMALE



1460

PART NUMBER	TUBE OD	THREAD	PRICE
A13290-0418	4 mm	1/8" BSPP	£2.79
A13290-0618	6 mm	1/8" BSPP	£2.86
A13290-0614	6 mm	1/4" BSPP	£3.12
A13290-0818	8 mm	1/8" BSPP	£3.17
A13290-0814	8 mm	1/4" BSPP	£3.70
A13290-0838	8 mm	3/8" BSPP	£4.56
A13290-1014	10 mm	1/4" BSPP	£4.32
A13290-1038	10 mm	3/8" BSPP	£5.20
A13290-1012	10 mm	1/2" BSPP	£5.63
A13290-1214	12 mm	1/4" BSPP	£5.87
A13290-1238	12 mm	3/8" BSPP	£5.82
A13290-1212	12 mm	1/2" BSPP	£6.18
A13290-1412	14 mm	1/2" BSPP	£8.01
A13290-1512	15 mm	1/2" BSPP	£8.18
A13290-1612	16 mm	1/2" BSPP	£9.40
A13290-1812	18 mm	1/2" BSPP	£10.54
A13290-1834	18 mm	3/4" BSPP	£11.21



## 13000 SERIES EQUAL CROSS



1460

PART NUMBER	TUBE OD	PRICE
A13510-04	4 mm	£10.11
A13510-06	6 mm	£10.11
A13510-08	8 mm	£11.42
A13510-10	10 mm	£14.60
A13510-12	12 mm	£18.60
A13510-14	14 mm	£20.03

## 13000 SERIES STANDPIPE ADAPTOR BSPP MALE C/W SEAL RING



1460

PART NUMBER	TUBE OD	THREAD	PRICE
A13530-0618	6 mm	1/8" BSPP	£1.96
A13530-0614	6 mm	1/4" BSPP	£2.65
A13530-0818	8 mm	1/8" BSPP	£2.03
A13530-0814	8 mm	1/4" BSPP	£2.81
A13530-0838	8 mm	3/8" BSPP	£4.13
A13530-1014	10 mm	1/4" BSPP	£3.17
A13530-1038	10 mm	3/8" BSPP	£4.41
A13530-1438	14 mm	3/8" BSPP	£4.60
A13530-1412	14 mm	1/2" BSPP	£6.46

## 13000 SERIES SLEEVE HOSE ADAPTOR



1460

PART NUMBER	TUBE OD A	TUBE ID B	PRICE
A13540-0607	6 mm	7 mm	£2.31
A13540-0807	8 mm	7 mm	£2.34
A13540-0810	8 mm	10 mm	£2.62
A13540-1007	10 mm	7 mm	£2.46
A13540-1010	10 mm	10 mm	£2.65
A13540-1210	12 mm	10 mm	£2.72
A13540-1213	12 mm	13 mm	£3.48
A13540-1413	14 mm	13 mm	£3.60

## 13000 SERIES SINGLE BANJO BODY WITH STEM BSPP MALE



1460

PART NUMBER	TUBE OD	THREAD	PRICE
A13550-0418	4 mm	1/8" BSPP	£7.06
A13550-0618	6 mm	1/8" BSPP	£7.32
A13550-0614	6 mm	1/4" BSPP	£8.37
A13550-0818	8 mm	1/8" BSPP	£8.61
A13550-0814	8 mm	1/4" BSPP	£8.61
A13550-0838	8 mm	3/8" BSPP	£13.62
A13550-1014	10 mm	1/4" BSPP	£13.31
A13550-1038	10 mm	3/8" BSPP	£13.95
A13550-1414	14 mm	1/4" BSPP	£21.15
A13550-1438	14 mm	3/8" BSPP	£22.42
A13550-1412	14 mm	1/2" BSPP	£27.95
A13550-2234	22 mm	3/4" BSPP	£49.75

## 13000 SERIES BRASS OLIVE



1460

PART NUMBER	TUBE OD	PRICE
A13740-04	4 mm	£0.29
A13740-06	6 mm	£0.31
A13740-08	8 mm	£0.33
A13740-10	10 mm	£0.45
A13740-12	12 mm	£0.55
A13740-14	14 mm	£0.62
A13740-15	15 mm	£0.60
A13740-16	16 mm	£0.76
A13740-18	18 mm	£0.91
A13740-22	22 mm	£1.31

## 13000 SERIES NUT



1460

PART NUMBER	TUBE OD	PRICE
A13680-04	4 mm	£0.52
A13680-06	6 mm	£0.62
A13680-08	8 mm	£0.79
A13680-10	10 mm	£1.29
A13680-12	12 mm	£1.67
A13680-14	14 mm	£1.86
A13680-15	15 mm	£1.88
A13680-16	16 mm	£2.62
A13680-18	18 mm	£3.51
A13680-22	22 mm	£5.03

## 13000 SERIES INTERNAL SUPPORT BUSH



1460

PART NUMBER	TUBE ID B	TUBE OD A	PRICE
A10770-0427	1.5 mm	2.7 mm	£0.69
A10770-0604	3 mm	4 mm	£0.52
A10770-0806	5 mm	6 mm	£0.55
A10770-1008	7 mm	8 mm	£0.62
A10770-1209	8 mm	9 mm	£0.74
A10770-1210	9 mm	10 mm	£0.74
A10770-1412	11 mm	12 mm	£0.83
A10770-1613	12 mm	13 mm	£0.83

## 13000 SERIES PLUG FOR UNIVERSAL FITTINGS



1460

PART NUMBER	TUBE OD	PRICE
A13780-04	4 mm	£0.79
A13780-06	6 mm	£0.81
A13780-08	8 mm	£0.93
A13780-10	10 mm	£1.19
A13780-12	12 mm	£1.41
A13780-14	14 mm	£1.72
A13780-15	15 mm	£2.07
A13780-16	16 mm	£2.24
A13780-18	18 mm	£2.67
A13780-22	22 mm	£3.20

## 13000 SERIES REDUCER



1460

PART NUMBER	TUBE OD	TUBE OD	PRICE
A13600-0406	4 mm	6 mm	£1.69
A13600-0608	6 mm	8 mm	£1.86
A13600-0810	8 mm	10 mm	£3.05
A13600-1012	10 mm	12 mm	£4.53
A13600-1214	12 mm	14 mm	£5.87

### CHARACTERISTICS

Use for fluid or air. No flaring, soldering or other preparation to tubing necessary to assemble. Use with copper, brass, aluminium and thermoplastic tubing.

### MATERIALS

Connectors, nuts and sleeves are machined from brass JIS3604. Elbows and tees are forged and machined from brass JIS3771.

### SPECIFICATIONS FOR USE WITH SOFT METAL TUBING

Working temperatures -54°C to +121°C (-65°F to +250°F)  
 Working pressure 103 to 138 bar (1500 to 2000 psi)

### WORKING PRESSURE WITH THERMOPLASTIC TUBING UNDER 20°C

1/8" OD	400 psi (27 bar)
1/4" OD	300 psi (20 bar)
3/8" OD	200 psi (14 bar)
1/2" OD	200 psi (14 bar)

### NUT



1960

PART NUMBER	TUBE OD	PRICE
S00-1	1/8"	£0.46
S00-15	3/16"	£0.59
S00-2	1/4"	£0.80
S00-25	5/16"	£1.00
S00-3	3/8"	£1.11
S00-4	1/2"	£1.74

### OLIVE



1960

PART NUMBER	TUBE OD	PRICE
S01-1	1/8"	£0.24
S01-15	3/16"	£0.28
S01-2	1/4"	£0.30
S01-25	5/16"	£0.35
S01-3	3/8"	£0.46
S01-4	1/2"	£0.61

### UNION



1960

PART NUMBER	TUBE OD	PRICE
S02-C1	1/8"	£2.65
S02-C15	3/16"	£3.03
S02-C2	1/4"	£3.42
S02-C25	5/16"	£4.20
S02-C3	3/8"	£4.85
S02-C4	1/2"	£7.18

### UNION REDUCER



1960

PART NUMBER	TUBE OD	TUBE OD	PRICE
S02-C203	3/8"	1/4"	£4.85
S02-C304	1/2"	3/8"	£6.66

### UNION ELBOW



1960

PART NUMBER	TUBE OD	PRICE
S03-L1	1/8"	£3.83
S03-L15	3/16"	£4.22
S03-L2	1/4"	£4.68
S03-L25	5/16"	£5.79
S03-L3	3/8"	£7.12
S03-L4	1/2"	£8.96

### UNION TEE



1960

PART NUMBER	TUBE OD	PRICE
S04-T1	1/8"	£5.40
S04-T15	3/16"	£6.01
S04-T2	1/4"	£6.66
S04-T25	5/16"	£8.40
S04-T3	3/8"	£9.50
S04-T4	1/2"	£14.06

### BSPT MALE CONNECTOR



1960

PART NUMBER	TUBE OD	THREAD	PRICE
S05-C101	1/8"	1/8"	£1.91
S05-C201	1/8"	1/4"	£2.28
S05-C1015	3/16"	1/8"	£2.09
S05-C2015	3/16"	1/4"	£2.48
S05-C102	1/4"	1/8"	£2.28
S05-C202	1/4"	1/4"	£2.65
S05-C302	1/4"	3/8"	£3.16
S05-C402	1/4"	1/2"	£4.49
S05-C1025	5/16"	1/8"	£2.75
S05-C2025	5/16"	1/4"	£2.91
S05-C3025	5/16"	3/8"	£3.44
S05-C4025	5/16"	1/2"	£4.79
S05-C103	3/8"	1/8"	£3.14
S05-C203	3/8"	1/4"	£3.31
S05-C303	3/8"	3/8"	£3.68
S05-C403	3/8"	1/2"	£5.05
S05-C204	1/2"	1/4"	£4.85
S05-C304	1/2"	3/8"	£4.89
S05-C404	1/2"	1/2"	£5.86

### BSPP FEMALE CONNECTOR



1960

PART NUMBER	TUBE OD	THREAD	PRICE
S06-CM101	1/8"	1/8"	£1.83
S06-CM1015	3/16"	1/8"	£2.03
S06-CM2015	3/16"	1/4"	£2.83
S06-CM102	1/4"	1/8"	£2.28
S06-CM202	1/4"	1/4"	£3.05
S06-CM302	1/4"	3/8"	£3.96
S06-CM402	1/4"	1/2"	£5.03
S06-CM1025	5/16"	1/8"	£2.62
S06-CM2025	5/16"	1/4"	£3.35
S06-CM3025	5/16"	3/8"	£4.26
S06-CM4025	5/16"	1/2"	£5.31
S06-CM103	3/8"	1/8"	£3.16
S06-CM203	3/8"	1/4"	£3.61
S06-CM303	3/8"	3/8"	£4.51
S06-CM403	3/8"	1/2"	£5.57
S06-CM204	1/2"	1/4"	£4.70
S06-CM304	1/2"	3/8"	£5.35
S06-CM404	1/2"	1/2"	£6.44



1960



1960

**BSPT MALE ELBOW**

PART NUMBER	TUBE OD	THREAD	PRICE
S07-L101	1/8"	1/8"	£3.07
S07-L201	1/8"	1/4"	£3.61
S07-L1015	3/16"	1/8"	£3.27
S07-L2015	3/16"	1/4"	£3.79
S07-L102	1/4"	1/8"	£3.50
S07-L202	1/4"	1/4"	£4.13
S07-L302	1/4"	3/8"	£5.00
S07-L1025	5/16"	1/8"	£4.16
S07-L2025	5/16"	1/4"	£4.42
S07-L3025	5/16"	3/8"	£5.27
S07-L103	3/8"	1/8"	£5.00
S07-L203	3/8"	1/4"	£5.01
S07-L303	3/8"	3/8"	£5.72
S07-L204	1/2"	1/4"	£6.47
S07-L304	1/2"	3/8"	£6.61
S07-L404	1/2"	1/2"	£8.31

**BSPT FEMALE ELBOW**

PART NUMBER	TUBE OD	THREAD	PRICE
S08-LM202	1/4"	1/4"	£5.20
S08-LM2025	5/16"	1/4"	£5.48
S08-LM203	3/8"	1/4"	£5.81
S08-LM303	3/8"	3/8"	£7.49



1960

**BSPT MALE BRANCH TEE**

PART NUMBER	TUBE OD	THREAD	PRICE
S09-T202	1/4"	1/4"	£6.47
S09-T302	1/4"	3/8"	£8.53
S09-T203	3/8"	1/4"	£7.88
S09-T303	3/8"	3/8"	£9.53
S09-T403	3/8"	1/2"	£13.37
S09-T304	1/2"	3/8"	£11.71
S09-T404	1/2"	1/2"	£14.90



1960

**BSPT MALE RUN TEE**

PART NUMBER	TUBE OD	THREAD	PRICE
S10-T102	1/4"	1/8"	£5.48
S10-T202	1/4"	1/4"	£6.45
S10-T302	1/4"	3/8"	£8.47
S10-T402	1/4"	1/2"	£12.32
S10-T2025	5/16"	1/4"	£7.03
S10-T3025	5/16"	3/8"	£9.05
S10-T4025	5/16"	1/2"	£12.86
S10-T103	3/8"	1/8"	£7.80
S10-T203	3/8"	1/4"	£7.88
S10-T303	3/8"	3/8"	£9.53
S10-T403	3/8"	1/2"	£13.30
S10-T204	1/2"	1/4"	£11.60
S10-T304	1/2"	3/8"	£11.69
S10-T404	1/2"	1/2"	£14.90



1960

**BULKHEAD UNION**

PART NUMBER	TUBE OD	PRICE
S11-C2	1/4"	£7.47
S11-C25	5/16"	£8.86
S11-C3	3/8"	£9.27



1960

**PLUG**

PART NUMBER	TUBE OD	PRICE
S12-C2	1/4"	£2.16
S12-C25	5/16"	£2.66
S12-C3	3/8"	£3.00



1960

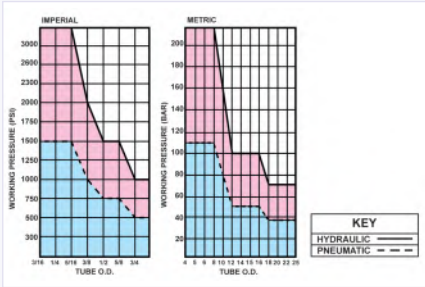
**BSPT MALE 45° ELBOW**

PART NUMBER	TUBE OD	THREAD	PRICE
S13-L102	1/4"	1/8"	£3.68
S13-L202	1/4"	1/4"	£5.12
S13-L103	3/8"	1/8"	£5.63
S13-L203	3/8"	1/4"	£5.63

### FEATURES

Parkair compression couplings produce cost effective, reliable, leak free joints. They can be found in general use throughout the following industries: pneumatic, hydraulic, automotive, locomotive, LPG, oil and gas, power generation, air conditioning, heating and ventilation and for all applications where there is a need for the safety provided by an engineering fitting.

The recommended maximum working pressures conform to BS 2051 Part 1 for temperatures up to 65°C under vibration free conditions. Please ensure that the tube to be used is suitable for the pressures required.



### MATERIAL SPECIFICATIONS

Bar parts	BS-EN12164:2011 CW614N
Stampings	BS-EN12165:2011 CW617N
Copper rings	BS-EN12449:1999
All fittings are manufactured to BS 2051 Part 1	

### SELECTING THE CORRECT RING/FERRULE FOR DIFFERENT TUBE TYPES

TUBE TYPE	IMPERIAL	METRIC
Copper	Copper	Brass
Bundy	Brass	Brass
Brass	Brass	Brass
Nylon	N' ferrule	N' ferrule
**Polythene	P' ring	P' ring
Standard compression ring / ferrule fitted to all couplings	Copper	Brass

### SPECIFICATIONS

Maximum temperature	210°C (410°F)
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### EQUAL ENDED COUPLING IMPERIAL



1910

PART NUMBER	TUBE OD	PRICE
W1040	1/8"	£14.73
W1041	3/16"	£6.59
W1043	1/4"	£5.56
W1045	5/16"	£6.16
W1048	3/8"	£10.45
W1051	1/2"	£14.71
W1053	5/8"	£61.01
W1054	3/4"	£87.49

### EQUAL ENDED COUPLING METRIC



1930

PART NUMBER	TUBE OD	PRICE
wMC 104	4 mm	£11.67
wMC 106	6 mm	£4.99
wMC 108	8 mm	£5.96
wMC 110	10 mm	£7.78
wMC 112	12 mm	£10.72
wMC 115	15 mm	£21.03
wMC 116	16 mm	£26.06
wMC 122	22 mm	£57.74

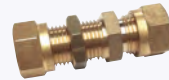
### EQUAL ENDED BULKHEAD COUPLING IMPERIAL



1910

PART NUMBER	TUBE OD	MAX. BULKHEAD	PRICE
W1040L4	1/8"	1/4"	£15.90
W1041L6	3/16"	3/8"	£17.40
W1043L3	1/4"	3/16"	£16.34
W1043L6	1/4"	3/8"	£10.22
W1043L10	1/4"	5/8"	£14.10
W1045L3	5/16"	3/16"	£16.02
W1045L6	5/16"	3/8"	£11.95
W1048L6	3/8"	3/8"	£16.54
W1051L8	1/2"	1/2"	£29.40
W1051L12	1/2"	3/4"	£35.66

### EQUAL ENDED BULKHEAD COUPLING METRIC



1930

PART NUMBER	TUBE OD	MAX. BULKHEAD	PRICE
wMB 106/L10	6 mm	10	£7.73
wMB 108/L10	8 mm	10	£8.20
wMB 110/L10	10 mm	10	£12.30
wMB 112/L10	12 mm	10	£25.03
wMB 115/L10	15 mm	10	£28.61
wMB 122/L12	22 mm	12	£66.74

### REDUCING COUPLING IMPERIAL



1910

PART NUMBER	TUBE OD	TUBE OD	PRICE
W4043/0*	1/4"	1/8"	£17.85
W4043/1	1/4"	3/16"	£10.16
W4045/1	5/16"	3/16"	£11.61
W4045/3*	5/16"	1/4"	£7.78
W4048/3	3/8"	1/4"	£9.40
W4048/5	3/8"	5/16"	£9.99
W4051/3	1/2"	1/4"	£17.69
W4051/5	1/2"	5/16"	£20.11
W4051/8	1/2"	3/8"	£15.64

### REDUCING COUPLING METRIC



1930

PART NUMBER	TUBE OD	TUBE OD	PRICE
wMC 106/104	6 mm	4 mm	£11.07
wMC 108/105	8 mm	5 mm	£14.49
wMC 108/106	8 mm	6 mm	£9.99
wMC 110/106	10 mm	6 mm	£10.32
wMC 110/108	10 mm	8 mm	£8.18
wMC 112/108	12 mm	8 mm	£19.78
wMC 115/108	15 mm	8 mm	£16.83
wMC 115/110	15 mm	10 mm	£18.59

\* Also available as reducing bulkheads – please ask for more details



**COUPLING  
IMPERIAL TO METRIC**



1910

PART NUMBER	TUBE OD	TUBE OD	PRICE
wMC 106/3	1/4"	6 mm	£9.86
wMC 110/8	3/8"	10 mm	£20.47
wMC 115/8	3/8"	15 mm	£18.76

**STUD COUPLING  
BSPT MALE – IMPERIAL**



1910

PART NUMBER	TUBE OD	THREAD	PRICE
W7060	1/8"	1/8" BSPT	£6.34
W7060/3	1/8"	1/4" BSPT	£11.27
W7061	3/16"	1/8" BSPT	£4.40
W7061/3	3/16"	1/4" BSPT	£11.80
W7063/1	1/4"	1/8" BSPT	£4.59
W7063	1/4"	1/4" BSPT	£4.04
W7063/8	1/4"	3/8" BSPT	£7.27
W7063/11	1/4"	1/2" BSPT	£12.74
W7065/1	5/16"	1/8" BSPT	£5.98
W7065	5/16"	1/4" BSPT	£9.10
W7065/8	5/16"	3/8" BSPT	£10.62
W7065/11	5/16"	1/2" BSPT	£13.87
W7068/1	3/8"	1/8" BSPT	£15.24
W7068/3	3/8"	1/4" BSPT	£7.17
W7068	3/8"	3/8" BSPT	£7.64
W7068/11	3/8"	1/2" BSPT	£17.01
W7071/3	1/2"	1/4" BSPT	£14.51
W7071/8	1/2"	3/8" BSPT	£14.63
W7071	1/2"	1/2" BSPT	£12.14
W7073/11	5/8"	1/2" BSPT	£33.20
W7074/11	3/4"	1/2" BSPT	£51.37
W7074	3/4"	3/4" BSPT	£50.57

**STUD COUPLING  
BSPP MALE – IMPERIAL**



1910

PART NUMBER	TUBE OD	THREAD	PRICE
W1060	1/8"	1/8" BSPP	£7.50
W4060/3	1/8"	1/4" BSPP	£13.55
W1061	3/16"	1/8" BSPP	£5.81
W4061/3	3/16"	1/4" BSPP	£9.89
W4061/8	3/16"	3/8" BSPP	£13.14
W4063/1	1/4"	1/8" BSPP	£5.10
W1063	1/4"	1/4" BSPP	£5.10
W4063/8	1/4"	3/8" BSPP	£10.88
W4063/11	1/4"	1/2" BSPP	£11.67
W4065/1	5/16"	1/8" BSPP	£13.80
W1065	5/16"	1/4" BSPP	£5.20
W4065/8	5/16"	3/8" BSPP	£8.18
W4065/11	5/16"	1/2" BSPP	£10.58
W4068/3	3/8"	1/4" BSPP	£7.17
W1068	3/8"	3/8" BSPP	£13.14
W4068/11	3/8"	1/2" BSPP	£14.43
W4071/3	1/2"	1/4" BSPP	£17.40
W4071/8	1/2"	3/8" BSPP	£16.40
W1071	1/2"	1/2" BSPP	£12.03

**PRESSURE GAUGE CONNECTOR  
BSPP FEMALE – IMPERIAL**



1910

PART NUMBER	TUBE OD	THREAD	PRICE
W1083/A	1/4"	1/4" BSPP	£9.85
W4083/8A	1/4"	3/8" BSPP	£14.43
W4083/11A	1/4"	1/2" BSPP	£21.69
W1088/A	3/8"	3/8" BSPP	£18.15
W4088/11A	3/8"	1/2" BSPP	£20.86

**TUBE REDUCING SET  
METRIC**



1930

PART NUMBER	COMP. END DIA.	TUBE DIA.	PRICE
wMRA 10/108	10 mm	8 mm	£5.85

**STUD COUPLING  
BSPT MALE – METRIC**



1930

PART NUMBER	TUBE OD	THREAD	PRICE
wMC 104/083	4 mm	1/8" BSPT	£7.94
wMC 104/163	4 mm	1/4" BSPT	£10.03
wMC 106/083	6 mm	1/8" BSPT	£2.72
wMC 106/163	6 mm	1/4" BSPT	£3.93
wMC 106/243	6 mm	3/8" BSPT	£10.28
wMC 108/083	8 mm	1/8" BSPT	£4.39
wMC 108/163	8 mm	1/4" BSPT	£3.93
wMC 108/243	8 mm	3/8" BSPT	£6.12
wMC 110/083	10 mm	1/8" BSPT	£8.37
wMC 110/163	10 mm	1/4" BSPT	£5.70
wMC 110/243	10 mm	3/8" BSPT	£6.01
wMC 110/323	10 mm	1/2" BSPT	£8.11
wMC 112/163	12 mm	1/4" BSPT	£9.92
wMC 112/243	12 mm	3/8" BSPT	£9.37
wMC 112/323	12 mm	1/2" BSPT	£12.69
wMC 115/243	15 mm	3/8" BSPT	£15.84
wMC 115/323	15 mm	1/2" BSPT	£17.17

**STUD COUPLING  
BSPP MALE – METRIC**



1930

PART NUMBER	TUBE OD	THREAD	PRICE
wMC 104/161	4 mm	1/4" BSPP	£10.85
wMC 106/081	6 mm	1/8" BSPP	£4.00
wMC 106/161	6 mm	1/4" BSPP	£4.70
wMC 106/241	6 mm	3/8" BSPP	£16.27
wMC 108/081	8 mm	1/8" BSPP	£3.63
wMC 108/161	8 mm	1/4" BSPP	£5.10
wMC 108/241	8 mm	3/8" BSPP	£9.47
wMC 110/161	10 mm	1/4" BSPP	£6.42
wMC 110/241	10 mm	3/8" BSPP	£11.65
wMC 110/321	10 mm	1/2" BSPP	£16.23
wMC 112/161	12 mm	1/4" BSPP	£7.78
wMC 112/241	12 mm	3/8" BSPP	£13.06
wMC 112/321	12 mm	1/2" BSPP	£11.74
wMC 115/241	15 mm	3/8" BSPP	£18.78
wMC 115/321	15 mm	1/2" BSPP	£17.67
wMC 122/481	22 mm	3/4" BSPP	£31.58
wMC 122/641	22 mm	1" BSPP	£44.39
wMC 125/481	25 mm	3/4" BSPP	£51.33
wMC 125/641	25 mm	1" BSPP	£50.17

**PRESSURE GAUGE CONNECTOR  
BSPP FEMALE – METRIC**



1930

PART NUMBER	TUBE OD	THREAD	PRICE
wMGA106/162	6 mm	1/4" BSPP	£11.77
wMGA106/242	6 mm	3/8" BSPP	£14.71

**STUD COUPLING  
BSPP FEMALE – IMPERIAL**


1910

PART NUMBER	TUBE OD	THREAD	PRICE
W1080	1/8"	1/8" BSPP	£12.61
W4080/3	1/8"	1/4" BSPP	£11.55
W1081	3/16"	1/8" BSPP	£8.74
W4081/3	3/16"	1/4" BSPP	£9.93
W4083/1	1/4"	1/8" BSPP	£11.35
W1083	1/4"	1/4" BSPP	£9.85
W4083/8	1/4"	3/8" BSPP	£17.34
W4083/11	1/4"	1/2" BSPP	£15.74
W1085	5/16"	1/4" BSPP	£9.47
W4085/8	5/16"	3/8" BSPP	£11.52
W4085/11	5/16"	1/2" BSPP	£13.43
W4088/3	3/8"	1/4" BSPP	£12.08
W1088	3/8"	3/8" BSPP	£12.79
W4088/11	3/8"	1/2" BSPP	£15.31
W4091/8	1/2"	3/8" BSPP	£16.88
W1091	1/2"	1/2" BSPP	£20.98

**ELBOW  
IMPERIAL**


1910

PART NUMBER	TUBE OD	PRICE
W2000	1/8"	£17.49
W2001	3/16"	£26.00
W2003	1/4"	£12.17
W5005/3	5/16" x 1/4"	£9.65
W2005	5/16"	£12.27
W2008	3/8"	£17.03
W2011	1/2"	£21.40
W2014	3/4"	£125.94

**STUD ELBOW  
BSPT MALE – IMPERIAL**


1910

PART NUMBER	TUBE OD	THREAD	PRICE
W8020	1/8"	1/8" BSPT	£20.95
W8021	3/16"	1/8" BSPT	£13.43
W8023/1	1/4"	1/8" BSPT	£10.97
W8023	1/4"	1/4" BSPT	£11.83
W8023/8	1/4"	3/8" BSPT	£24.02
W8025/1	5/16"	1/8" BSPT	£11.25
W8025	5/16"	1/4" BSPT	£11.54
W8025/8	5/16"	3/8" BSPT	£24.25
W8028/1	3/8"	1/8" BSPT	£25.01
W8028/3	3/8"	1/4" BSPT	£15.49
W8028	3/8"	3/8" BSPT	£15.49
W8028/11	3/8"	1/2" BSPT	£23.62
W8031	1/2"	1/2" BSPT	£20.71

**NOZZLE ADAPTOR  
BSPT MALE – IMPERIAL**


1910

PART NUMBER	TUBE	PRICE
WF701	1/4" BSPT	£9.42
WF705	3/8" BSPT	£11.45

**SINGLE BANJO COUPLING  
WITH STEEL BOLT  
BSP – IMPERIAL**


1910

PART NUMBER	TUBE OD	THREAD	PRICE
W3505	5/16"	1/4" BSP	£36.50

**STUD COUPLING  
BSPP FEMALE – METRIC**


1930

PART NUMBER	TUBE OD	THREAD	PRICE
wMC 106/082	6 mm	1/8" BSPP	£8.64
wMC 106/162	6 mm	1/4" BSPP	£8.21
wMC 108/082	8 mm	1/8" BSPP	£8.74
wMC 108/162	8 mm	1/4" BSPP	£8.37
wMC 108/242	8 mm	3/8" BSPP	£12.14
wMC 110/162	10 mm	1/4" BSPP	£11.25
wMC 110/242	10 mm	3/8" BSPP	£12.46
wMC 110/322	10 mm	1/2" BSPP	£15.75
wMC 112/162	12 mm	1/4" BSPP	£13.12
wMC 112/242	12 mm	3/8" BSPP	£17.07
wMC 112/322	12 mm	1/2" BSPP	£16.35
wMC 115/242	15 mm	3/8" BSPP	£15.22

**ELBOW  
METRIC**


1930

PART NUMBER	TUBE OD	PRICE
wME 104	4 mm	£5.81
wME 106	6 mm	£10.66
wME 108	8 mm	£7.78
wME 110	10 mm	£11.40
wME 112	12 mm	£16.40
wME 115	15 mm	£26.52
wME 122	22 mm	£70.78

**STUD ELBOW  
BSPT MALE – METRIC**


1930

PART NUMBER	TUBE OD	THREAD	PRICE
wME 104/083	4 mm	1/8" BSPT	£7.88
wME 106/083	6 mm	1/8" BSPT	£7.63
wME 106/163	6 mm	1/4" BSPT	£7.63
wME 108/083	8 mm	1/8" BSPT	£8.84
wME 108/163	8 mm	1/4" BSPT	£8.51
wME 108/243	8 mm	3/8" BSPT	£9.39
wME 110/163	10 mm	1/4" BSPT	£11.14
wME 110/243	10 mm	3/8" BSPT	£11.65
wME 112/163	12 mm	1/4" BSPT	£16.15
wME 112/243	12 mm	3/8" BSPT	£17.34
wME 112/323	12 mm	1/2" BSPT	£18.83
wME 115/323	15 mm	1/2" BSPT	£24.57

**STANDPIPE ADAPTOR  
BSPT – METRIC**


1930

PART NUMBER	TUBE OD	THREAD	PRICE
wMSA 06/163	6 mm	1/4" BSPT	£7.53
wMSA 08/163	8 mm	1/4" BSPT	£5.70
wMSA 12/323	12 mm	1/2" BSPT	£11.78

**STUD ELBOW  
BSPP FEMALE – METRIC**


1930

PART NUMBER	TUBE OD	THREAD	PRICE
wME 106/082	6 mm	1/8" BSPP	£10.98
wME 106/162	6 mm	1/4" BSPP	£12.57
wME 108/082	8 mm	1/8" BSPP	£11.29
wME 108/162	8 mm	1/4" BSPP	£13.29
wME 110/162	10 mm	1/4" BSPP	£15.82
wME 116/322	16 mm	1/2" BSPP	£34.26


**EQUAL TEE  
IMPERIAL**

1910

PART NUMBER	TUBE OD	PRICE
W2040	1/8"	£31.20
W2041	3/16"	£26.53
W2043	1/4"	£12.86
W2045	5/16"	£13.60
W2048	3/8"	£20.01
W2051	1/2"	£28.15


**EQUAL TEE  
METRIC**

1930

PART NUMBER	TUBE OD	PRICE
wMT 104	4 mm	£26.39
wMT 106	6 mm	£11.34
wMT 108	8 mm	£10.86
wMT 110	10 mm	£18.62
wMT 112	12 mm	£26.43
wMT 122	22 mm	£119.66


**BRANCH TEE  
BSPT MALE – IMPERIAL**

1910

PART NUMBER	TUBE OD	TUBE OD	THREAD	PRICE
W9068/3B	3/8"	3/8"	1/4" BSPT	£32.42


**BRANCH TEE  
BSPT MALE – METRIC**

1930

PART NUMBER	TUBE OD	TUBE OD	THREAD	PRICE
wMT 108/163	8 mm	8 mm	1/4" BSPT	£19.02

**STRAIGHT NEEDLE VALVE TUBE STANDARD AND PANEL MOUNTED MAXIMUM WORKING PRESSURES**

Hydraulic	200 bar (2900 psi)
Pneumatic	67 bar (972 psi)


**STRAIGHT NEEDLE VALVE TUBE  
IMPERIAL**

1910

PART NUMBER	SPINDLE TYPE	TUBE OD	PRICE
WWVA1/B/16	Brass	1/4"	£82.78
WWVA1/B/20	Brass	5/16"	£78.05


**STRAIGHT NEEDLE VALVE TUBE  
IMPERIAL  
PANEL MOUNTED**

1910

PART NUMBER	SPINDLE TYPE	TUBE OD	PRICE
WWVA2/B/16	Brass	1/4"	£152.38


**BLANKING NUT  
IMPERIAL**

1910

PART NUMBER	THREAD	TUBE OD	PRICE
W1001BL	1/8" BSPP	3/16"	£4.67
W1003BL	1/4" BSPP	5/16"	£3.51
W1008BL	3/8" BSPP	3/8"	£4.40
W1011BL	1/2" BSPP	1/2"	£14.10


**BLANKING PLUG INSERT  
METRIC**

1930

PART NUMBER	TUBE OD	PRICE
wMCP 06	6 mm	£4.63
wMCP 08	8 mm	£2.14
wMCP 10	10 mm	£4.40
wMCP 12	12 mm	£4.07
wMCP 15	15 mm	£14.00


**COMPRESSION NUT  
IMPERIAL**

1910

PART NUMBER	TUBE OD	PRICE
W1000	1/8"	£1.35
W1001	3/16"	£0.95
W1003	1/4"	£1.35
W1005	5/16"	£1.35
W1008	3/8"	£2.84
W1011	1/2"	£3.35


**COMPRESSION NUT  
METRIC**

1930

PART NUMBER	TUBE OD	PRICE
wMN 104	4 mm	£0.93
wMN 106	6 mm	£0.83
wMN 108	8 mm	£1.28
wMN 112	12 mm	£3.22
wMN 115	15 mm	£4.40
wMN 122	22 mm	£9.59


**N FERRULES  
IMPERIAL**

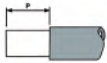
1910

PART NUMBER	TUBE OD	TUBE ID	PRICE
WN1021B/C	3/16"	0.117"	£2.72
WN1023B/C	1/4"	0.170"	£1.36
WN1025B/C	5/16"	0.212"	£2.55
WN1028B/D	3/8"	0.250"	£2.58
WN1028B/C	3/8"	0.265"	£2.71
WN1031B/C	1/2"	0.350"	£9.72


**N FERRULES  
METRIC**

1930

PART NUMBER	TUBE OD	TUBE ID	PRICE
wMNF 806	6 mm	4.0 mm	£0.79
wMNF 708	8 mm	6.0 mm	£2.05
wMNF 808	8 mm	5.5 mm	£0.96
wMNF 810	10 mm	7.0 mm	£1.23
wMNF 812	12 mm	8.5 mm	£2.12
wMNF 816	16 mm	12.0 mm	£2.59



The P abutment dimension gives the length that the PVC sheath must be cut back.  
PVC cover 1/16" thick.

### NUT FOR PVC COVERED COPPER TUBE IMPERIAL



PART NUMBER	COPPER OD	PVC OD	(P)	PRICE
WPC1003	1/4"	3/8"	0.437"	£4.07
WPC1008	3/8"	1/2"	0.562"	£7.44
WPC1011	1/2"	5/8"	0.625"	£24.35

### COPPER WASHER IMPERIAL



PART NUMBER	SIZE	PRICE
WM351	1/8" BSP male & 3/8" BSP female	£1.02
WM352	1/4" BSP male & 1/2" BSP female	£1.35
WM353	3/8" BSP male & 3/4" BSP female	£1.39
WM354	1/2" BSP male & 7/8" BSP female	£2.01
WM355	5/8" BSP male & 1" BSP female	£9.98
WM357	7/8" BSP male	£13.90
WM362	1/8" BSP female	£12.94
WM363	1/4" BSP female	£2.47

### COPPER COMPRESSION RING IMPERIAL



PART NUMBER	TUBE OD	PRICE
W1020	1/8"	£1.78
W1021	3/16"	£0.82
W1023	1/4"	£0.56
W1026	5/16"	£0.44
W1028	3/8"	£0.65
W1031	1/2"	£0.93
W1034	3/4"	£4.63

### BRASS COMPRESSION RING IMPERIAL



PART NUMBER	TUBE OD	PRICE
W 499/00	1/8"	£2.12
W 499/01	3/16"	£0.82
W 499/03	1/4"	£0.44
W 499/05	5/16"	£1.10
W 499/08	3/8"	£1.30
W 499/11	1/2"	£5.38
W 499/14	3/4"	£7.41

### BRASS LOCKNUT IMPERIAL



PART NUMBER	THREAD OD	PRICE
W 828/01	1/8" BSP	£0.90
W 828/02	1/4" BSP	£1.30
W 828/03	3/8" BSP	£1.86
W 828/04	1/2" BSP	£2.84
W 828/06	3/4" BSP	£8.82
W 828/08	1" BSP	£12.71



The P abutment dimension gives the length that the PVC sheath must be cut back.  
PVC cover 1.5 mm thick.

### NUT FOR PVC COVERED COPPER TUBE METRIC



PART NUMBER	COPPER OD	PVC OD	(P)	PRICE
wMN 406	6 mm	9 mm	8 mm	£3.51
wMN 408	8 mm	11 mm	8 mm	£11.90
wMN 410	10 mm	13 mm	9.5 mm	£5.10
wMN 412	12 mm	15 mm	12 mm	£16.84

### COPPER WASHER METRIC



PART NUMBER	SIZE OD	PRICE
wMW2/10M	10 mm	£1.71
wMW2/12M	12 mm	£1.71
wMW2/14M	14 mm	£1.71
wMW2/16M	16 mm	£2.05

### COPPER COMPRESSION RING METRIC



PART NUMBER	TUBE OD	PRICE
wMR 206	6 mm	£2.55
wMR 208	8 mm	£0.44
wMR 210	10 mm	£0.52
wMR 212	12 mm	£4.27
wMR 215	15 mm	£3.53

### BRASS COMPRESSION RING TYPE A METRIC



PART NUMBER	TUBE OD	PRICE
wMUR 104	4 mm	£0.27
wMUR 105	5 mm	£0.93
wMUR 106	6 mm	£0.27
wMUR 108	8 mm	£0.42
wMUR 110	10 mm	£0.42
wMUR 112	12 mm	£0.69
wMUR 115	15 mm	£0.96
wMUR 116	16 mm	£1.61
wMUR 118	18 mm	£6.61
wMUR 122	22 mm	£3.30

### BRASS LOCKNUT METRIC



PART NUMBER	THREAD	PRICE
wML 10/10	M10 x 1	£1.15
wML 20/15	M20 x 1.5	£4.13
wML 30/15	M30 x 1.5	£7.61



**SOFT COPPER TUBE**

**SPECIFICATIONS**

Technical details	BS-EN-12449
Temper	Soft / R220
Materials	C106
Maximum working pressure at 65°C	See table



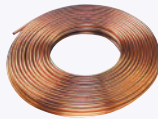
**SOFT COPPER TUBE  
IMPERIAL – LIGHT WALL**

2400

PART NUMBER	ins	SWG	mtrs	bar	PRICE
CT00/10ML	1/8	22	10	265	£42.50
CT00/30ML	1/8	22	30	265	£150.15
CT01/10ML	3/16	22	10	161	£43.45
CT01/30ML	3/16	22	30	161	£164.85
CT03/10ML	1/4	22	10	116	£52.25
CT03/30ML	1/4	22	30	116	£176.00
CT05/10ML	5/16	22	10	91	£68.75
CT08/10ML	3/8	22	10	74	£96.25
CT08/30ML	3/8	22	30	74	£255.75

**IMPERIAL – MEDIUM WALL**

CT03/10M	1/4	20	10	155	£89.04
CT03/30M	1/4	20	30	155	£211.75
CT05/30M	5/16	20	30	120	£266.19
CT08/30M	3/8	20	30	98	£360.00
CT11/10M	1/2	20	10	68	£170.50
CT11/30M	1/2	20	30	68	£376.75



**SOFT COPPER TUBE  
METRIC – LIGHT WALL**

2400

PART NUMBER	mm	mm	mtrs	bar	PRICE
CT204/10ML	4	0.6	10	162	£42.10
CT204/30ML	4	0.6	30	162	£126.25
CT205/10ML	5	0.8	10	175	£63.25
CT206/10ML	6	0.8	10	142	£55.00
CT206/30ML	6	0.8	30	142	£165.00
CT208/10ML	8	0.8	10	102	£88.55
CT210/30ML	10	0.8	30	80	£291.50

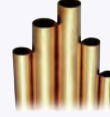
**METRIC – MEDIUM WALL**

CT206/10M	6	1.0	10	184	£77.00
CT206/30M	6	1.0	30	184	£198.00
CT208/10M	8	1.0	10	131	£115.50
CT208/30M	8	1.0	30	131	£262.46
CT210/30M	10	1.0	30	102	£390.00
CT212/10M	12	1.0	10	66	£159.50

**HALF HARD COPPER TUBE**

**SPECIFICATIONS**

Technical details	BS-EN-1057
Temper	Half hard / R250
Materials	C106
Maximum working pressure at 65°C	See table



**HALF HARD COPPER TUBE  
IMPERIAL**

2400

PART NUMBER	ins	SWG	mtrs	bar	PRICE
CTHH04	1/4	20	3	201	£30.25
CTHH05	5/16	20	3	156	£34.10
CTHH06	3/8	20	3	127	£33.00
CTHH08	1/2	20	3	176	£49.50
CTHH10	5/8	20	3	137	£57.75

**HALF HARD COPPER TUBE  
METRIC**

2400

PART NUMBER	mm	mm	mtrs	bar	PRICE
CTHHM06	6	1	3	133	£27.50
CTHHM08	8	1	3	97	£35.20
CTHHM10	10	1	3	77	£44.00
CTHHM12	12	1	3	63	£56.95
CTHHM15	15	1	3	58	£66.00

**BLACK PVC COVERED COPPER TUBE**

**SPECIFICATIONS**

Technical details	BS-EN-12449
Temper	Soft / R220
Maximum working pressure at 65°C	See table



**BLACK PVC COVERED  
COPPER TUBE  
IMPERIAL – MEDIUM WALL**

2400

PART NUMBER	ins	SWG	mtrs	bar	PRICE
CT08/30MPV	3/8	20	30	98	£522.50

**IMPERIAL – LIGHT WALL**

CT03/30MLPV	1/4	22	30	116	£357.50
CT08/30MLPV	3/8	22	30	74	£434.50



**BLACK PVC COVERED  
COPPER TUBE  
METRIC**

2400

PART NUMBER	mm	mm	mtrs	bar	PRICE
CT206/30MPV	6	1.0	30	184	£341.00
CT208/30MPV	8	1.0	30	131	£434.50
CT210/30MPV	10	1.0	30	102	£522.50



### MECHANICAL PROPERTIES

Norma hose connectors are tough, lightweight, non-toxic, have good impact wear and chemical resistance and are suitable for hoses with an inside diameter ranging from 3 mm to 25 mm. The deep moulded ribs of the push-on types, ensure positive sealing and secure hose grip.

### THERMAL PROPERTIES

The connectors can operate continuously in air at approx. 80°C and depending on temperature and duration, in hot water. For threaded connectors, the coefficient of expansion 100 x 10<sup>-6</sup> for thermoplastics must be considered where there is a wide variation in temperature.

### CHEMICAL PROPERTIES

The chemical characteristics employed in the production of the connectors ensure they have:

**Excellent resistance** to aliphatic and aromatic hydrocarbons, petrol, alcohols, esters, plasticisers, ketones, ether, oils and fats.

**Good resistance** to chlorinated hydrocarbon, alkalis, glycerine, glycol, soap and salt solution.

**Limited resistance** to phenols, acids, oxidants, etc.

### SPECIFICATIONS

	TAPER THREAD CONNECTORS	PUSH-ON CONNECTORS
Material	Polyamide	Acetal Resin
Colour	Grey	White
Working pressure	10 bar	10 bar
Temperature range	-40°C to +90°C	-40°C to +90°C
Short term temperature	120°C	120°C



**STRAIGHT HOSETAIL  
BSPT MALE**

3800

PART NUMBER	HOSE ID	THREAD	PRICE
N-GES3M5	3 mm	M5	£1.01
N-GES4R 1/8	4 mm	1/8" BSPT	£1.28
N-GES4R1/4	4 mm	1/4" BSPT	£1.82
N-GES6R 1/8	6 mm	1/8" BSPT	£1.59
N-GES6R 1/4	6 mm	1/4" BSPT	£1.82
N-GES6R 3/8	6 mm	3/8" BSPT	£2.03
N-GES8R 1/8	8 mm	1/8" BSPT	£2.13
N-GES8R 1/4	8 mm	1/4" BSPT	£2.13
N-GES8R 3/8	8 mm	3/8" BSPT	£2.37
N-GES8R 1/2	8 mm	1/2" BSPT	£3.45
N-GES10R1/4	10 mm	1/4" BSPT	£2.20
N-GES10R3/8	10 mm	3/8" BSPT	£2.37
N-GES12R3/8	12 mm	3/8" BSPT	£2.54
N-GES12R1/2	12 mm	1/2" BSPT	£3.45
N-GES14R3/8	14 mm	3/8" BSPT	£3.01
N-GES14R1/2	14 mm	1/2" BSPT	£3.45
N-GES16R1/2	16 mm	1/2" BSPT	£3.95
N-GES16R3/4	16 mm	3/4" BSPT	£4.09
N-GES19R3/4	19 mm	3/4" BSPT	£4.46
N-GES25R1	25 mm	1" BSPT	£12.51

**TEE HOSETAIL  
BSPT MALE**



3800

PART NUMBER	HOSE ID	THREAD	PRICE
N-TES4R 1/8	4 mm	1/8" BSPT	£2.24
N-TES4R 1/4	4 mm	1/4" BSPT	£2.74
N-TES6R 1/8	6 mm	1/8" BSPT	£2.27
N-TES6R 1/4	6 mm	1/4" BSPT	£2.84
N-TES8R 1/4	8 mm	1/4" BSPT	£2.67
N-TES10R3/8	10 mm	3/8" BSPT	£4.94



**ELBOW HOSETAIL  
BSPT MALE**

3800

PART NUMBER	HOSE ID	THREAD	PRICE
N-WES4R 1/8	4 mm	1/8" BSPT	£1.55
N-WES4R 1/4	4 mm	1/4" BSPT	£2.03
N-WES6R1/8	6 mm	1/8" BSPT	£1.86
N-WES6R 1/4	6 mm	1/4" BSPT	£2.09
N-WES6R 3/8	6 mm	3/8" BSPT	£2.17
N-WES8R 1/8	8 mm	1/8" BSPT	£2.17
N-WES8R 1/4	8 mm	1/4" BSPT	£1.96
N-WES8R 3/8	8 mm	3/8" BSPT	£2.78
N-WES8R 1/2	8 mm	1/2" BSPT	£4.40
N-WES10R1/4	10 mm	1/4" BSPT	£2.64
N-WES10R3/8	10 mm	3/8" BSPT	£2.94
N-WES12R3/8	12 mm	3/8" BSPT	£3.75
N-WES12R1/2	12 mm	1/2" BSPT	£4.37
N-WES19R3/4	19 mm	3/4" BSPT	£4.60
N-WES25R1	25 mm	1" BSPT	£7.07



**STRAIGHT HOSETAIL  
PUSH-ON**

3800

PART NUMBER	HOSE ID	PRICE
N-GS03	3 mm	£0.71
N-GS04	4 mm	£0.74
N-GS05	5 mm	£0.78
N-GS06	6 mm	£1.01
N-GS08	8 mm	£1.46
N-GS10	10 mm	£1.76
N-GS12	12 mm	£2.27
N-GS13	13 mm	£2.40
N-GS14	14 mm	£2.91
N-GS16	16 mm	£3.32
N-GS19	19 mm	£3.92
N-GS25	25 mm	£7.00

## REDUCING STRAIGHT HOSETAIL PUSH-ON



3800

PART NUMBER	HOSE ID A	HOSE ID B	PRICE
N-GRS4X3	4 mm	3 mm	£0.98
N-GRS6X4	6 mm	4 mm	£1.19
N-GRS8X4	8 mm	4 mm	£1.55
N-GRS8X6	8 mm	6 mm	£1.52
N-GRS10X6	10 mm	6 mm	£2.17
N-GRS10X8	10 mm	8 mm	£2.37
N-GRS12X8	12 mm	8 mm	£2.57
N-GRS12X10	12 mm	10 mm	£2.87

## EQUAL TEE HOSETAIL PUSH-ON



3800

PART NUMBER	HOSE ID	PRICE
N-TS03	3 mm	£0.81
N-TS04	4 mm	£1.01
N-TS05	5 mm	£1.32
N-TS06	6 mm	£1.42
N-TS07	7 mm	£2.06
N-TS08	8 mm	£2.30
N-TS10	10 mm	£2.94
N-TS12	12 mm	£3.45
N-TS13	13 mm	£3.62
N-TS14	14 mm	£4.19
N-TS15	15 mm	£5.21
N-TS16	16 mm	£5.75
N-TS19	19 mm	£6.32
N-TS25	25 mm	£18.93

## REDUCING TEE HOSETAIL PUSH-ON



3800

PART NUMBER	HOSE ID A	HOSE ID B	HOSE ID C	PRICE
N-TRS030403	3 mm	4 mm	3 mm	£1.76
N-TRS040604	4 mm	6 mm	4 mm	£1.76
N-TRS060406	6 mm	4 mm	6 mm	£1.76
N-TRS080408	8 mm	4 mm	8 mm	£2.30
N-TRS080608	8 mm	6 mm	8 mm	£2.30
N-TRS081208	8 mm	12 mm	8 mm	£3.62
N-TRS100610	10 mm	6 mm	10 mm	£2.84
N-TRS100810	10 mm	8 mm	10 mm	£2.84
N-TRS101310	10 mm	13 mm	10 mm	£3.05
N-TRS120612	12 mm	6 mm	12 mm	£3.11
N-TRS120812	12 mm	8 mm	12 mm	£3.45
N-TRS121012	12 mm	10 mm	12 mm	£3.45
N-TRS150615	15 mm	6 mm	15 mm	£5.11
N-TRS150815	15 mm	8 mm	15 mm	£5.11
N-TRS181018	18 mm	10 mm	18 mm	£6.36
N-TRS181518	18 mm	15 mm	18 mm	£6.83

## ELBOW HOSETAIL PUSH-ON



3800

PART NUMBER	HOSE ID	PRICE
N-WS03	3 mm	£1.15
N-WS04	4 mm	£1.22
N-WS05	5 mm	£1.55
N-WS06	6 mm	£1.76
N-WS08	8 mm	£2.30
N-WS10	10 mm	£2.94
N-WS12	12 mm	£3.45
N-WS13	13 mm	£3.62
N-WS14	14 mm	£4.19
N-WS16	16 mm	£5.24
N-WS19	19 mm	£6.32
N-WS25	25 mm	£6.93

## EQUAL 'Y' HOSETAIL PUSH-ON



3800

PART NUMBER	HOSE ID	PRICE
N-YS03	3 mm	£1.12
N-YS04	4 mm	£1.15
N-YS05	5 mm	£1.55
N-YS06	6 mm	£1.82
N-YS08	8 mm	£2.33
N-YS10	10 mm	£2.94
N-YS12	12 mm	£3.62
N-YS13	13 mm	£3.89
N-YS14	14 mm	£3.99
N-YS16	16 mm	£5.45
N-YS19	19 mm	£5.95

## REDUCING 'Y' HOSETAIL PUSH-ON



3800

PART NUMBER	HOSE ID A	HOSE ID B	HOSE ID C	PRICE
N-YRS040604	4 mm	6 mm	4 mm	£1.73
N-YRS060806	6 mm	8 mm	6 mm	£2.30

## CROSS HOSETAIL PUSH-ON



3800

PART NUMBER	HOSE ID	PRICE
N-KS04	4 mm	£1.86
N-KS05	5 mm	£2.37
N-KS06	6 mm	£2.54
N-KS12	12 mm	£5.51

## PVDF FITTINGS – WHITE

### FEATURES

PVDF is a special natural white shade of plastic raw material. Fittings made of PVDF can function well, even when exposed to a wide range of temperatures and high corrosive chemicals.  
\*Nuts material is reinforced PP

### SPECIFICATIONS

Working pressure	Up to 14 bar (200 psi) at 20°C
Temperature range	-20°C to +120°C (-4°F to +248°F) subject to application
Colour	Natural white
Material	PVDF (polyvinylidene fluoride)

### BARB BLOCK CONNECTOR WITH SILICONE O-RING BSPP MALE



3870

PART NUMBER	TUBE SIZE	THREAD	PRICE
TF-22F56846021	6 mm x 4 mm	1/8" BSPP	£10.57
TF-22F56846041	6 mm x 4 mm	1/4" BSPP	£10.76
TF-22F56848021	8 mm x 6 mm	1/8" BSPP	£11.86
TF-22F56848041	8 mm x 6 mm	1/4" BSPP	£12.03
TF-22F56850021	10 mm x 8 mm	1/8" BSPP	£12.20
TF-22F56850041	10 mm x 8 mm	1/4" BSPP	£12.72

Viton™ O-ring available up on request – please contact your distributor

### BARB BLOCK CONNECTOR BSPT FEMALE



3870

PART NUMBER	TUBE SIZE	THREAD	PRICE
TF-22056646021	6 mm x 4 mm	1/8" BSPT	£10.88
TF-22056646041	6 mm x 4 mm	1/4" BSPT	£11.48
TF-22056648041	8 mm x 6 mm	1/4" BSPT	£12.45
TF-22056650041	10 mm x 8 mm	1/4" BSPT	£14.21
TF-22056650061	10 mm x 8 mm	3/8" BSPT	£15.20

### UNION BARB BLOCK CONNECTOR



3870

PART NUMBER	TUBE SIZE	PRICE
TF-22056246001	6 mm x 4 mm	£12.45
TF-22056248001	8 mm x 6 mm	£13.21
TF-22056252001	12 mm x 10 mm	£21.74

### ELBOW BARB BLOCK CONNECTOR BSPT MALE



3870

PART NUMBER	TUBE SIZE	THREAD	PRICE
TF-22056946021	6 mm x 4 mm	1/8" BSPT	£15.82
TF-22056946041	6 mm x 4 mm	1/4" BSPT	£15.82
TF-22056948041	8 mm x 6 mm	1/4" BSPT	£16.45
TF-22056952061	12 mm x 10 mm	3/8" BSPT	£20.28

### UNION ELBOW BARB BLOCK CONNECTOR



3870

PART NUMBER	TUBE SIZE	PRICE
TF-22056546001	6 mm x 4 mm	£13.45
TF-22056548001	8 mm x 6 mm	£13.45
TF-22056552001	12 mm x 10 mm	£23.12

### UNION T BARB BLOCK CONNECTOR



3870

PART NUMBER	TUBE SIZE	PRICE
TF-22056446461	6 mm x 4 mm	£17.79
TF-22056448481	8 mm x 6 mm	£17.98
TF-22056452521	12 mm x 10 mm	£29.66

### BARB BLOCK CONNECTOR BSPT MALE



3870

PART NUMBER	TUBE SIZE	THREAD	PRICE
TF-22056846021	6 mm x 4 mm	1/8" BSPT	£9.21
TF-22056846041	6 mm x 4 mm	1/4" BSPT	£9.55
TF-22056848041	8 mm x 6 mm	1/4" BSPT	£10.55
TF-22056848061	8 mm x 6 mm	3/8" BSPT	£10.88
TF-22056850061	10 mm x 8 mm	3/8" BSPT	£14.82
TF-22056850081	10 mm x 8 mm	1/2" BSPT	£15.41
TF-22056852061	12 mm x 10 mm	3/8" BSPT	£15.41
TF-22056852081	12 mm x 10 mm	1/2" BSPT	£15.20

### HOSE CONNECTOR BSPT FEMALE



3870

PART NUMBER	HOSE ID	THREAD	PRICE
TF-12556746021	6 mm	1/8" BSPT	£2.96
TF-12556746041	6 mm	1/4" BSPT	£3.58
TF-12556746061	6 mm	3/8" BSPT	£3.79
TF-12556748041	8 mm	1/4" BSPT	£3.94
TF-12556748061	8 mm	3/8" BSPT	£4.13
TF-12556750041	10 mm	1/4" BSPT	£4.13
TF-12556750061	10 mm	3/8" BSPT	£4.34
TF-12556750081	10 mm	1/2" BSPT	£4.34
TF-12556752061	12 mm	3/8" BSPT	£4.34
TF-12556752081	12 mm	1/2" BSPT	£4.93
TF-12556756081	16 mm	1/2" BSPT	£5.74
TF-12556759081	19 mm	1/2" BSPT	£5.53

PVDF FITTINGS – WHITE



HOSE CONNECTOR  
BSPT MALE

3870

PART NUMBER	HOSE ID	THREAD	PRICE
TF-12556844021	4 mm	1/8" BSPT	£2.79
TF-12556844041	4 mm	1/4" BSPT	£2.96
TF-12556845021	5 mm	1/8" BSPT	£2.79
TF-12556845041	5 mm	1/4" BSPT	£2.96
TF-12556846021	6 mm	1/8" BSPT	£2.96
TF-12556846041	6 mm	1/4" BSPT	£3.58
TF-12556846061	6 mm	3/8" BSPT	£3.79
TF-12556846081	6 mm	1/2" BSPT	£3.94
TF-12556848041	8 mm	1/4" BSPT	£3.94
TF-12556848061	8 mm	3/8" BSPT	£4.13
TF-12556848081	8 mm	1/2" BSPT	£4.34
TF-12556850041	10 mm	1/4" BSPT	£4.34
TF-12556850061	10 mm	3/8" BSPT	£4.34
TF-12556850081	10 mm	1/2" BSPT	£4.34
TF-12556852061	12 mm	3/8" BSPT	£4.34
TF-12556852081	12 mm	1/2" BSPT	£5.19
TF-12556852121	12 mm	3/4" BSPT	£5.19
TF-12556856081	16 mm	1/2" BSPT	£5.14
TF-12556856121	16 mm	3/4" BSPT	£5.53
TF-12556859121	19 mm	3/4" BSPT	£6.18
TF-12556859161	19 mm	1" BSPT	£6.73
TF-12556865121	25 mm	3/4" BSPT	£6.73
TF-12556865161	25 mm	1" BSPT	£7.37



REDUCING ELBOW HOSE CONNECTOR

3870

PART NUMBER	HOSE ID A	HOSE ID B	PRICE
TF-12556648461	8 mm	6 mm	£3.94
TF-12556650481	10 mm	8 mm	£4.13
TF-12556652501	12 mm	10 mm	£4.34



UNION ELBOW HOSE CONNECTOR

3870

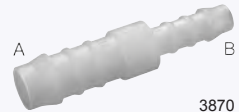
PART NUMBER	HOSE ID	PRICE
TF-12556544001	4 mm	£2.96
TF-12556545001	5 mm	£3.58
TF-12556546001	6 mm	£3.79
TF-12556548001	8 mm	£3.94
TF-12556550001	10 mm	£4.34
TF-12556552001	12 mm	£4.95
TF-12556556001	16 mm	£5.74
TF-12556559001	19 mm	£6.10



ELBOW HOSE CONNECTOR  
BSPT MALE

3870

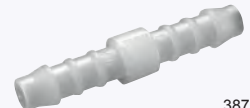
PART NUMBER	HOSE ID	THREAD	PRICE
TF-12556944021	4 mm	1/8" BSPT	£3.79
TF-12556944041	4 mm	1/4" BSPT	£3.94
TF-12556945021	5 mm	1/8" BSPT	£3.79
TF-12556945041	5 mm	1/4" BSPT	£3.94
TF-12556946021	6 mm	1/8" BSPT	£3.94
TF-12556946041	6 mm	1/4" BSPT	£4.04
TF-12556946061	6 mm	3/8" BSPT	£4.13
TF-12556946081	6 mm	1/2" BSPT	£4.34
TF-12556948021	8 mm	1/8" BSPT	£4.13
TF-12556948041	8 mm	1/4" BSPT	£4.34
TF-12556948061	8 mm	3/8" BSPT	£4.53
TF-12556948081	8 mm	1/2" BSPT	£4.53
TF-12556950041	10 mm	1/4" BSPT	£4.53
TF-12556950061	10 mm	3/8" BSPT	£4.93
TF-12556950081	10 mm	1/2" BSPT	£4.95
TF-12556950121	10 mm	3/4" BSPT	£5.14
TF-12556952041	12 mm	1/4" BSPT	£4.93
TF-12556952061	12 mm	3/8" BSPT	£4.93
TF-12556952081	12 mm	1/2" BSPT	£5.14
TF-12556952121	12 mm	3/4" BSPT	£5.14
TF-12556956081	16 mm	1/2" BSPT	£5.91
TF-12556956121	16 mm	3/4" BSPT	£6.10
TF-12556959081	19 mm	1/2" BSPT	£6.10
TF-12556959121	19 mm	3/4" BSPT	£6.10



REDUCING HOSE CONNECTOR

3870

PART NUMBER	HOSE ID A	HOSE ID B	PRICE
TF-12555646441	6 mm	4 mm	£2.96
TF-12555648461	8 mm	6 mm	£3.58
TF-12555650461	10 mm	6 mm	£3.58
TF-12555650481	10 mm	8 mm	£3.79
TF-12555652481	12 mm	8 mm	£4.13
TF-12555652501	12 mm	10 mm	£3.94
TF-12555654521	14 mm	12 mm	£4.13
TF-12555659561	19 mm	16 mm	£4.53



UNION HOSE CONNECTOR

3870

PART NUMBER	HOSE ID	PRICE
TF-12556244001	4 mm	£2.60
TF-12556245001	5 mm	£2.79
TF-12556246001	6 mm	£2.84
TF-12556248001	8 mm	£2.99
TF-12556250001	10 mm	£3.45
TF-12556252001	12 mm	£3.79
TF-12556256001	16 mm	£4.13
TF-12556259001	19 mm	£4.34

PVDF FITTINGS – WHITE



Y HOSE CONNECTOR

PART NUMBER	HOSE ID	PRICE
TF-12556344441	4 mm	£3.79
TF-12556346461	6 mm	£4.13
TF-12556348481	8 mm	£4.53
TF-12556350501	10 mm	£5.74
TF-12556357571	17 mm	£6.10



UNION T HOSE CONNECTOR

PART NUMBER	HOSE ID	PRICE
TF-12556444441	4 mm	£3.58
TF-12556445451	5 mm	£3.79
TF-12556446461	6 mm	£4.07
TF-12556448481	8 mm	£4.34
TF-12556450501	10 mm	£4.53
TF-12556452521	12 mm	£4.93
TF-12556456561	16 mm	£6.10
TF-12556459591	19 mm	£6.31



BRANCH T HOSE CONNECTOR  
BSPT MALE

PART NUMBER	HOSE ID	THREAD	PRICE
TF-12557144021	4 mm	1/8" BSPT	£3.58
TF-12557146021	6 mm	1/8" BSPT	£3.79
TF-12557146041	6 mm	1/4" BSPT	£3.94
TF-12557148041	8 mm	1/4" BSPT	£4.53
TF-12557150041	10 mm	1/4" BSPT	£4.93
TF-12557150061	10 mm	3/8" BSPT	£5.14
TF-12557152061	12 mm	3/8" BSPT	£5.14
TF-12557152081	12 mm	1/2" BSPT	£5.53
TF-12557159121	19 mm	3/4" BSPT	£7.30



PIPE REDUCING NIPPLE  
BSPT MALE

PART NUMBER	THREAD A	THREAD B	PRICE
TF-12052304021	1/4" BSPT	1/8" BSPT	£4.93
TF-12052306021	3/8" BSPT	1/8" BSPT	£5.91
TF-12052306041	3/8" BSPT	1/4" BSPT	£6.50
TF-12052308041	1/2" BSPT	1/4" BSPT	£6.73
TF-12052308061	1/2" BSPT	3/8" BSPT	£7.11

PIPE HEX NIPPLE  
BSPT MALE



PART NUMBER	THREAD	PRICE
TF-12052202021	1/8" BSPT	£4.93
TF-12052204041	1/4" BSPT	£5.82
TF-12052206061	3/8" BSPT	£6.10
TF-12052208081	1/2" BSPT	£7.30

PIPE ADAPTOR  
BSPT FEMALE X BSPT MALE



PART NUMBER	FEMALE THREAD	MALE THREAD	PRICE
TF-12052002021	1/8" BSPT	1/8" BSPT	£5.74
TF-12052002041	1/8" BSPT	1/4" BSPT	£6.03
TF-12052004021	1/4" BSPT	1/8" BSPT	£5.74
TF-12052004041	1/4" BSPT	1/4" BSPT	£6.10
TF-12052004061	1/4" BSPT	3/8" BSPT	£6.31
TF-12052004081	1/4" BSPT	1/2" BSPT	£6.73
TF-12052006041	3/8" BSPT	1/4" BSPT	£6.50
TF-12052006061	3/8" BSPT	3/8" BSPT	£6.73
TF-12052006081	3/8" BSPT	1/2" BSPT	£7.11
TF-12052008041	1/2" BSPT	1/4" BSPT	£10.88
TF-12052008061	1/2" BSPT	3/8" BSPT	£11.24
TF-12052008081	1/2" BSPT	1/2" BSPT	£11.48

PIPE REDUCING COUPLING  
BSPT FEMALE



PART NUMBER	THREAD A	THREAD B	PRICE
TF-12051904021	1/4" BSPT	1/8" BSPT	£6.10
TF-12051906021	3/8" BSPT	1/8" BSPT	£6.31
TF-12051906041	3/8" BSPT	1/4" BSPT	£6.50
TF-12051908041	1/2" BSPT	1/4" BSPT	£10.48
TF-12051908061	1/2" BSPT	3/8" BSPT	£10.69
TF-12051912081	3/4" BSPT	1/2" BSPT	£10.99

PIPE BUSHING  
BSPT MALE X BSPT FEMALE



PART NUMBER	MALE THREAD	FEMALE THREAD	PRICE
TF-12051004021	1/4" BSPT	1/8" BSPT	£5.91
TF-12051006021	3/8" BSPT	1/8" BSPT	£6.31
TF-12051006041	3/8" BSPT	1/4" BSPT	£6.50
TF-12051008021	1/2" BSPT	1/8" BSPT	£10.48
TF-12051008041	1/2" BSPT	1/4" BSPT	£10.69
TF-12051008061	1/2" BSPT	3/8" BSPT	£10.88
TF-12051012041	3/4" BSPT	1/4" BSPT	£12.85
TF-12051012061	3/4" BSPT	3/8" BSPT	£13.45
TF-12051012081	3/4" BSPT	1/2" BSPT	£13.45

PVDF FITTINGS – WHITE

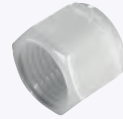
PIPE CONNECTOR  
BSPT FEMALE



3870

PART NUMBER	THREAD	PRICE
TF-12050302021	1/8" BSPT	£5.74
TF-12050304041	1/4" BSPT	£5.91
TF-12050306061	3/8" BSPT	£6.73
TF-12050308081	1/2" BSPT	£10.88
TF-12050312121	3/4" BSPT	£16.43

PIPE CAP  
BSPT FEMALE



3870

PART NUMBER	THREAD	PRICE
TF-12050802001	1/8" BSPT	£4.34
TF-12050804001	1/4" BSPT	£4.53
TF-12050806001	3/8" BSPT	£5.53
TF-12050808001	1/2" BSPT	£5.74
TF-12050812001	3/4" BSPT	£6.50

THREADED ELBOW  
BSPT MALE



3870

PART NUMBER	THREAD	PRICE
TF-12056502001	1/8" BSPT	£5.14
TF-12056504001	1/4" BSPT	£6.31
TF-12056506001	3/8" BSPT	£6.31
TF-12056508001	1/2" BSPT	£7.71

THREADED T CONNECTOR  
BSPT MALE



3870

PART NUMBER	THREAD	PRICE
TF-12056402001	1/8" BSPT	£8.91
TF-12056404001	1/4" BSPT	£9.11
TF-12056406001	3/8" BSPT	£10.88
TF-12056408001	1/2" BSPT	£15.41

HEX THREADED PLUG  
BSPT MALE



3870

PART NUMBER	THREAD	PRICE
TF-12052102001	1/8" BSPT	£2.96
TF-12052104001	1/4" BSPT	£3.79
TF-12052106001	3/8" BSPT	£3.94
TF-12052108001	1/2" BSPT	£4.53
TF-12052112001	3/4" BSPT	£4.93
TF-12052116001	1" BSPT	£6.40

Thirteen

REINFORCED POLYPROPYLENE FITTINGS – BLUE

FEATURES

Suitable for connecting plastic, rubber or soft PVC hoses in industrial and domestic appliances.

SPECIFICATIONS

Working pressure	Up to 14 bar (200 psi) at 20°C
Temperature range	4°C to 90°C (39°F to +194°F) subject to application
Colour	Blue
Material	Reinforced polypropylene

UNION CONNECTOR



3860

PART NUMBER	TUBE OD / ID	PRICE
TF-22046246008	6 mm x 4 mm	£3.52
TF-22046248008	8 mm x 6 mm	£3.76
TF-22046252008	12 mm x 9 mm	£6.23

MALE CONNECTOR  
BSPT MALE



3860

PART NUMBER	TUBE OD / ID	THREAD	PRICE
TF-22046846028	6 mm x 4 mm	1/8" BSPT	£2.77
TF-22046846048	6 mm x 4 mm	1/4" BSPT	£2.77
TF-22046848048	8 mm x 6 mm	1/4" BSPT	£3.17
TF-22046848068	8 mm x 6 mm	3/8" BSPT	£3.17
TF-22046850068	10 mm x 8 mm	3/8" BSPT	£4.21
TF-22046850088	10 mm x 8 mm	1/2" BSPT	£4.45
TF-22046852068	12 mm x 9 mm	3/8" BSPT	£4.45
TF-22046852088	12 mm x 9 mm	1/2" BSPT	£4.41
TF-22046852128	12 mm x 9 mm	3/4" BSPT	£4.60

REDUCING CONNECTOR



3860

PART NUMBER	TUBE OD / ID	TUBE OD / ID	PRICE
TF-22045648468	8 mm x 6 mm	6 mm x 4 mm	£3.82

REINFORCED POLYPROPYLENE FITTINGS – BLUE



**FEMALE CONNECTOR  
BSPT FEMALE**

3860

PART NUMBER	TUBE OD / ID	THREAD	PRICE
TF-22046646028	6 mm x 4 mm	1/8" BSPT	£3.17
TF-22046646048	6 mm x 4 mm	1/4" BSPT	£3.32
TF-22046648048	8 mm x 6 mm	1/4" BSPT	£3.52
TF-22046648068	8 mm x 6 mm	3/8" BSPT	£3.52
TF-22046650068	10 mm x 8 mm	3/8" BSPT	£4.41
TF-22046650088	10 mm x 8 mm	1/2" BSPT	£4.65



**BRANCH T  
BSPT FEMALE**

3860

PART NUMBER	TUBE OD / ID	THREAD	PRICE
TF-22047346028	6 mm x 4 mm	1/8" BSPT	£4.51
TF-22047348048	8 mm x 6 mm	1/4" BSPT	£5.14



**UNION ELBOW**

3860

PART NUMBER	TUBE OD / ID	PRICE
TF-22046546008	6 mm x 4 mm	£3.82
TF-22046548008	8 mm x 6 mm	£3.82
TF-22046552008	12 mm x 9 mm	£6.58



**BRANCH T  
BSPT MALE**

3860

PART NUMBER	TUBE OD / ID	THREAD	PRICE
TF-22047146028	6 mm x 4 mm	1/8" BSPT	£4.45
TF-22047146048	6 mm x 4 mm	1/4" BSPT	£4.45
TF-22047148048	8 mm x 6 mm	1/4" BSPT	£4.90
TF-22047148068	8 mm x 6 mm	3/8" BSPT	£5.25
TF-22047152068	12 mm x 9 mm	3/8" BSPT	£7.32
TF-22047152088	12 mm x 9 mm	1/2" BSPT	£7.42



**ELBOW  
BSPT MALE**

3860

PART NUMBER	TUBE OD / ID	THREAD	PRICE
TF-22046946028	6 mm x 4 mm	1/8" BSPT	£3.52
TF-22046946048	6 mm x 4 mm	1/4" BSPT	£3.52
TF-22046948048	8 mm x 6 mm	1/4" BSPT	£3.86
TF-22046948068	8 mm x 6 mm	3/8" BSPT	£4.90
TF-22046952068	12 mm x 9 mm	3/8" BSPT	£6.14
TF-22046952088	12 mm x 9 mm	1/2" BSPT	£6.23



**UNION T**

3860

PART NUMBER	TUBE OD / ID	PRICE
TF-22046446468	6 mm x 4 mm	£5.10
TF-22046448488	8 mm x 6 mm	£5.14
TF-22046452528	12 mm x 9 mm	£7.92



**ELBOW  
BSPT FEMALE**

3860

PART NUMBER	TUBE OD / ID	THREAD	PRICE
TF-22046046028	6 mm x 4 mm	1/8" BSPT	£3.52
TF-22046046048	6 mm x 4 mm	1/4" BSPT	£3.52
TF-22046048048	8 mm x 6 mm	1/4" BSPT	£4.55



**NUT FOR UNION CONNECTOR**

3860

PART NUMBER	TUBE OD / ID	PRICE
TF-32046146008	6 mm x 4 mm	£0.45
TF-32046148008	8 mm x 6 mm	£0.45
TF-32046150008	12 mm x 9 mm	£1.19



## POLYPROPYLENE FITTINGS – BLACK

### FEATURES

Suitable for connecting plastic, rubber or soft PVC hoses in industrial and domestic appliances.

### SPECIFICATIONS

Working pressure	Up to 14 bar (200 psi) at 20°C
Temperature range	4°C to 90°C (39°F to +194°F) subject to application
Colour	Black
Material	Polypropylene

### MALE STRAIGHT HOSE CONNECTOR BSPT MALE



3860

PART NUMBER	TUBE ID	THREAD	PRICE
TF-12456812062	12 mm	3/8" BSPT	£1.09
TF-12456812082	12 mm	1/2" BSPT	£1.14
TF-12456812122	12 mm	3/4" BSPT	£1.24
TF-12456816042	16 mm	1/4" BSPT	£1.14
TF-12456816082	16 mm	1/2" BSPT	£1.28
TF-12456816122	16 mm	3/4" BSPT	£1.44
TF-12456820082	20 mm	1/2" BSPT	£1.44
TF-12456820122	20 mm	3/4" BSPT	£1.54
TF-12456820162	20 mm	1" BSPT	£1.74
TF-12456825082	25 mm	1/2" BSPT	£1.39
TF-12456825122	25 mm	3/4" BSPT	£1.54

### BRANCH T HOSE CONNECTOR BSPT MALE



3860

PART NUMBER	HOSE ID	THREAD	PRICE
TF-12457112042	12 mm	1/4" BSPT	£1.48
TF-12457112062	12 mm	3/8" BSPT	£1.54
TF-12457112082	12 mm	1/2" BSPT	£1.83
TF-12457112122	12 mm	3/4" BSPT	£1.83
TF-12457116062	16 mm	3/8" BSPT	£1.54
TF-12457116082	16 mm	1/2" BSPT	£1.83
TF-12457116122	16 mm	3/4" BSPT	£2.13
TF-12457120082	20 mm	1/2" BSPT	£1.98
TF-12457120122	20 mm	3/4" BSPT	£2.04
TF-12457125082	25 mm	1/2" BSPT	£1.98
TF-12457125122	25 mm	3/4" BSPT	£2.08

### UNION HOSE CONNECTOR



3860

PART NUMBER	HOSE ID	PRICE
TF-12456212002	12 mm	£0.94
TF-12456216002	16 mm	£0.99
TF-12456220002	20 mm	£1.09
TF-12456225002	25 mm	£1.14

### ELBOW HOSE CONNECTOR BSPT MALE



3860

PART NUMBER	HOSE ID	THREAD	PRICE
TF-12456912042	12 mm	1/4" BSPT	£1.24
TF-12456912062	12 mm	3/8" BSPT	£1.24
TF-12456912082	12 mm	1/2" BSPT	£1.39
TF-12456912122	12 mm	3/4" BSPT	£1.48
TF-12456916062	16 mm	3/8" BSPT	£1.54
TF-12456916082	16 mm	1/2" BSPT	£1.83
TF-12456916122	16 mm	3/4" BSPT	£1.98
TF-12456920082	20 mm	1/2" BSPT	£2.04
TF-12456920122	20 mm	3/4" BSPT	£2.08
TF-12456925082	25 mm	1/2" BSPT	£2.08
TF-12456925122	25 mm	3/4" BSPT	£2.08

### REDUCING HOSE CONNECTOR



3860

PART NUMBER	HOSE ID A	HOSE ID B	PRICE
TF-12455612162	16 mm	12 mm	£0.89
TF-12455612202	20 mm	12 mm	£0.99
TF-12455616202	20 mm	16 mm	£1.04
TF-12455620252	25 mm	20 mm	£1.14

### REDUCING ELBOW HOSE CONNECTOR



3860

PART NUMBER	HOSE ID A	HOSE ID B	PRICE
TF-12456612162	16 mm	12 mm	£1.34
TF-12456612202	20 mm	12 mm	£1.44
TF-12456616202	20 mm	16 mm	£1.44
TF-12456620252	25 mm	20 mm	£1.44

### UNION T HOSE CONNECTOR



3860

PART NUMBER	HOSE ID	PRICE
TF-12456412122	12 mm	£1.19
TF-12456416162	16 mm	£1.24
TF-12456420202	20 mm	£1.28
TF-12456425252	25 mm	£1.34

### UNION ELBOW HOSE CONNECTOR



3860

PART NUMBER	HOSE ID	PRICE
TF-12456512002	12 mm	£1.14
TF-12456516002	16 mm	£1.19
TF-12456520002	20 mm	£1.24
TF-12456525002	25 mm	£1.28

### REDUCING T HOSE CONNECTOR



3860

PART NUMBER	HOSE ID A	HOSE ID B	PRICE
TF-12457212162	12 mm	16 mm	£1.28
TF-12457216202	16 mm	20 mm	£1.44
TF-12457220252	20 mm	25 mm	£1.74

## NYLON 66 FITTINGS – BLUE

### FEATURES

Tefen fittings are suitable for connecting plastic, rubber or soft PVC hoses in industrial and domestic appliances.

### SPECIFICATIONS

Working pressure	Up to 14 bar (200 psi) at 20°C
Temperature range	-20°C to +110°C (-4°F to +230°F) subject to application
Colour	Blue
Material	Nylon 66



### STRAIGHT HOSETAIL BSPT MALE

3860

### SWIVEL STRAIGHT HOSETAIL BSPP FEMALE MAXIMUM TEMPERATURE +90°C

3860

PART NUMBER	HOSE ID	THREAD	NUT AF	PRICE
TF-46844028	4 mm	1/8" BSPT	11 mm	£1.00
TF-46844048	4 mm	1/4" BSPT	14 mm	£1.10
TF-46845028	5 mm	1/8" BSPT	11 mm	£1.03
TF-46845048	5 mm	1/4" BSPT	14 mm	£1.10
TF-46846028	6 mm	1/8" BSPT	11 mm	£1.10
TF-46846048	6 mm	1/4" BSPT	14 mm	£1.19
TF-46846068	6 mm	3/8" BSPT	17 mm	£1.25
TF-46846088	6 mm	1/2" BSPT	22 mm	£1.35
TF-46846128	6 mm	3/4" BSPT	27 mm	£1.41
TF-46848028	8 mm	1/8" BSPT	11 mm	£1.25
TF-46848048	8 mm	1/4" BSPT	14 mm	£1.35
TF-46848068	8 mm	3/8" BSPT	17 mm	£1.41
TF-46848088	8 mm	1/2" BSPT	22 mm	£1.49
TF-46850048	10 mm	1/4" BSPT	14 mm	£1.41
TF-46850068	10 mm	3/8" BSPT	17 mm	£1.84
TF-46850088	10 mm	1/2" BSPT	22 mm	£1.49
TF-46850128	10 mm	3/4" BSPT	27 mm	£1.63
TF-46852048	12 mm	1/4" BSPT	14 mm	£1.49
TF-46852068	12 mm	3/8" BSPT	17 mm	£1.63
TF-46852088	12 mm	1/2" BSPT	22 mm	£1.74
TF-46852128	12 mm	3/4" BSPT	27 mm	£1.74
TF-46854068	14 mm	3/8" BSPT	17 mm	£1.57
TF-46854088	14 mm	1/2" BSPT	22 mm	£1.74
TF-46854128	14 mm	3/4" BSPT	27 mm	£1.81
TF-46856088	16 mm	1/2" BSPT	22 mm	£1.81
TF-46856128	16 mm	3/4" BSPT	27 mm	£1.89
TF-46859088	19 mm	1/2" BSPT	22 mm	£1.89
TF-46859128	19 mm	3/4" BSPT	27 mm	£1.96
TF-6865168	25 mm	1" BSPT	36 mm	£4.00

PART NUMBER	HOSE ID	THREAD	NUT AF	PRICE
TF-44644028	4 mm	1/8" BSPP	13 mm	£2.12
TF-44644048	4 mm	1/4" BSPP	16 mm	£2.27
TF-44645028	5 mm	1/8" BSPP	13 mm	£2.17
TF-44645048	5 mm	1/4" BSPP	16 mm	£2.28
TF-44645068	5 mm	3/8" BSPP	20 mm	£2.67
TF-44646048	6 mm	1/4" BSPP	16 mm	£2.37
TF-44646068	6 mm	3/8" BSPP	20 mm	£2.83
TF-44646088	6 mm	1/2" BSPP	24 mm	£2.76
TF-44648048	8 mm	1/4" BSPP	16 mm	£2.28
TF-44648068	8 mm	3/8" BSPP	20 mm	£2.76
TF-44648088	8 mm	1/2" BSPP	24 mm	£2.92
TF-44648128	8 mm	3/4" BSPP	30 mm	£3.38
TF-44650068	10 mm	3/8" BSPP	20 mm	£3.12
TF-44650088	10 mm	1/2" BSPP	24 mm	£3.26
TF-44650128	10 mm	3/4" BSPP	30 mm	£3.38
TF-44652088	12 mm	1/2" BSPP	24 mm	£3.06
TF-44652128	12 mm	3/4" BSPP	30 mm	£3.54
TF-44654088	14 mm	1/2" BSPP	24 mm	£3.06
TF-44654128	14 mm	3/4" BSPP	30 mm	£3.54
TF-44656128	16 mm	3/4" BSPP	30 mm	£3.61
TF-44659128	19 mm	3/4" BSPP	30 mm	£3.61



### HOSETAIL

3860

### REDUCING HOSETAIL

3860

PART NUMBER	HOSE ID	PRICE
TF-46244008	4 mm	£0.99
TF-46245008	5 mm	£1.03
TF-46246008	6 mm	£1.10
TF-46248008	8 mm	£1.10
TF-46250008	10 mm	£1.19
TF-46252008	12 mm	£1.25
TF-46254008	14 mm	£1.35
TF-46256008	16 mm	£1.41
TF-46259008	19 mm	£1.49

PART NUMBER	HOSE ID	HOSE ID	PRICE
TF-45645448	5 mm	4 mm	£0.94
TF-45646448	6 mm	4 mm	£1.03
TF-45646458	6 mm	5 mm	£1.10
TF-45648458	8 mm	5 mm	£1.10
TF-45648468	8 mm	6 mm	£1.19
TF-45650468	10 mm	6 mm	£1.10
TF-45650488	10 mm	8 mm	£1.25
TF-45652488	12 mm	8 mm	£1.41
TF-45652508	12 mm	10 mm	£1.35
TF-45654508	14 mm	10 mm	£1.35
TF-45654528	14 mm	12 mm	£1.41
TF-45656528	16 mm	12 mm	£1.41
TF-45656548	16 mm	14 mm	£1.86
TF-45659548	19 mm	14 mm	£1.49
TF-45659568	19 mm	16 mm	£1.57

## NYLON 66 FITTINGS – BLUE



ELBOW HOSE CONNECTOR

3860

PART NUMBER	HOSE ID	PRICE
TF-46544008	4 mm	£1.26
TF-46545008	5 mm	£1.19
TF-46546008	6 mm	£1.36
TF-46548008	8 mm	£1.35
TF-46550008	10 mm	£1.49
TF-46552008	12 mm	£1.57
TF-46554008	14 mm	£1.89
TF-46556008	16 mm	£1.96
TF-46559008	19 mm	£2.12



UNION TEE HOSETAIL

3860

PART NUMBER	HOSE ID	PRICE
TF-46444448	4 mm	£1.19
TF-46445458	5 mm	£1.25
TF-46446468	6 mm	£1.33
TF-46448488	8 mm	£1.49
TF-46450508	10 mm	£1.57
TF-46452528	12 mm	£1.78
TF-46454548	14 mm	£1.89
TF-46456568	16 mm	£2.29
TF-46459598	19 mm	£2.28



REDUCING ELBOW HOSE CONNECTOR

3860

PART NUMBER	HOSE ID	HOSE ID	PRICE
TF-46645448	5 mm	4 mm	£1.48
TF-46646458	6 mm	5 mm	£1.54
TF-46648468	8 mm	6 mm	£1.63
TF-46650488	10 mm	8 mm	£1.41
TF-46652508	12 mm	10 mm	£1.49
TF-46654528	14 mm	12 mm	£1.81
TF-46656548	16 mm	14 mm	£1.89
TF-46659568	19 mm	16 mm	£2.04



BRANCH HOSETAIL BSPT MALE

3860

PART NUMBER	HOSE ID	THREAD	NUT AF	PRICE
TF-47144028	4 mm	1/8" BSPT	11 mm	£1.19
TF-47144048	4 mm	1/4" BSPT	14 mm	£1.25
TF-47145028	5 mm	1/8" BSPT	11 mm	£1.19
TF-47145048	5 mm	1/4" BSPT	14 mm	£1.25
TF-47146028	6 mm	1/8" BSPT	11 mm	£1.25
TF-47146048	6 mm	1/4" BSPT	14 mm	£1.35
TF-47146068	6 mm	3/8" BSPT	17 mm	£1.41
TF-47146088	6 mm	1/2" BSPT	22 mm	£1.49
TF-47148028	8 mm	1/8" BSPT	11 mm	£1.49
TF-47148048	8 mm	1/4" BSPT	14 mm	£1.57
TF-47148068	8 mm	3/8" BSPT	17 mm	£1.74
TF-47148088	8 mm	1/2" BSPT	22 mm	£1.74
TF-47150048	10 mm	1/4" BSPT	14 mm	£1.74
TF-47150068	10 mm	3/8" BSPT	17 mm	£1.81
TF-47150088	10 mm	1/2" BSPT	22 mm	£1.81
TF-47150128	10 mm	3/4" BSPT	27 mm	£1.89
TF-47152048	12 mm	1/4" BSPT	14 mm	£1.81
TF-47152068	12 mm	3/8" BSPT	17 mm	£1.84
TF-47152088	12 mm	1/2" BSPT	22 mm	£1.89
TF-47152128	12 mm	3/4" BSPT	27 mm	£2.12
TF-47154068	14 mm	3/8" BSPT	17 mm	£2.05
TF-47154088	14 mm	1/2" BSPT	22 mm	£2.08
TF-47154128	14 mm	3/4" BSPT	27 mm	£2.28
TF-47156088	16 mm	1/2" BSPT	22 mm	£2.36
TF-47156128	16 mm	3/4" BSPT	27 mm	£2.51
TF-47159088	19 mm	1/2" BSPT	22 mm	£2.51
TF-47159128	19 mm	3/4" BSPT	27 mm	£2.77



ELBOW HOSETAIL BSPT MALE

3860

PART NUMBER	HOSE ID	THREAD	NUT AF	PRICE
TF-46944028	4 mm	1/8" BSPT	11 mm	£1.41
TF-46944048	4 mm	1/4" BSPT	14 mm	£1.35
TF-46945028	5 mm	1/8" BSPT	11 mm	£1.25
TF-46945048	5 mm	1/4" BSPT	14 mm	£1.35
TF-46945088	5 mm	1/2" BSPT	22 mm	£1.49
TF-46946028	6 mm	1/8" BSPT	11 mm	£1.25
TF-46946048	6 mm	1/4" BSPT	14 mm	£1.49
TF-46946068	6 mm	3/8" BSPT	17 mm	£1.41
TF-46946088	6 mm	1/2" BSPT	22 mm	£1.49
TF-46948028	8 mm	1/8" BSPT	11 mm	£1.41
TF-46948048	8 mm	1/4" BSPT	14 mm	£1.49
TF-46948068	8 mm	3/8" BSPT	17 mm	£1.57
TF-46948088	8 mm	1/2" BSPT	22 mm	£1.57
TF-46950048	10 mm	1/4" BSPT	14 mm	£1.57
TF-46950068	10 mm	3/8" BSPT	17 mm	£1.74
TF-46950088	10 mm	1/2" BSPT	22 mm	£1.86
TF-46950128	10 mm	3/4" BSPT	27 mm	£1.83
TF-46952048	12 mm	1/4" BSPT	14 mm	£2.10
TF-46952068	12 mm	3/8" BSPT	17 mm	£1.74
TF-46952088	12 mm	1/2" BSPT	22 mm	£1.81
TF-46952128	12 mm	3/4" BSPT	27 mm	£1.93
TF-46954068	14 mm	3/8" BSPT	17 mm	£1.89
TF-46954088	14 mm	1/2" BSPT	22 mm	£1.89
TF-46954128	14 mm	3/4" BSPT	27 mm	£1.96
TF-46956088	16 mm	1/2" BSPT	22 mm	£2.05
TF-46956128	16 mm	3/4" BSPT	27 mm	£2.12
TF-46959088	19 mm	1/2" BSPT	22 mm	£2.60
TF-46959128	19 mm	3/4" BSPT	27 mm	£2.20



REDUCING UNION TEE HOSETAIL

3860

PART NUMBER	HOSE ID A	HOSE ID B	PRICE
TF-47245448	5 mm	4 mm	£1.25
TF-47246458	6 mm	5 mm	£1.35
TF-47248468	8 mm	6 mm	£1.49
TF-47250488	10 mm	8 mm	£1.78
TF-47252508	12 mm	10 mm	£1.74
TF-47254528	14 mm	12 mm	£1.96
TF-47256548	16 mm	14 mm	£2.20
TF-47259568	19 mm	16 mm	£2.28

NYLON 66 FITTINGS – BLUE



Y HOSETAIL

3860

PART NUMBER	HOSE ID	PRICE
TF-46344448	4 mm	£1.98
TF-46346468	6 mm	£2.77
TF-46348488	8 mm	£2.08
TF-46350508	10 mm	£2.50
TF-46357578	17 mm	£2.63



REDUCING ADAPTOR  
BSPT MALE / BSPT FEMALE

3860

PART NUMBER	THREAD A	THREAD B	HEX AF NUT	PRICE
	TF-12002028	1/8" BSPT	1/8" BSPT	
TF-12002048	1/8" BSPT	1/4" BSPT	14 mm	£2.05
TF-12002068	1/8" BSPT	3/8" BSPT	14 mm	£2.20
TF-12002088	1/8" BSPT	1/2" BSPT	14 mm	£2.28
TF-12004028	1/4" BSPT	1/8" BSPT	17 mm	£1.96
TF-12004048	1/4" BSPT	1/4" BSPT	17 mm	£2.43
TF-12004068	1/4" BSPT	3/8" BSPT	17 mm	£2.20
TF-12004088	1/4" BSPT	1/2" BSPT	17 mm	£2.36
TF-12006028	3/8" BSPT	1/8" BSPT	22 mm	£2.20
TF-12006048	3/8" BSPT	1/4" BSPT	22 mm	£2.28
TF-12006068	3/8" BSPT	3/8" BSPT	22 mm	£2.36
TF-12006088	3/8" BSPT	1/2" BSPT	22 mm	£2.51
TF-12008028	1/2" BSPT	1/8" BSPT	26 mm	£3.69
TF-12008048	1/2" BSPT	1/4" BSPT	26 mm	£3.77
TF-12008068	1/2" BSPT	3/8" BSPT	26 mm	£3.93
TF-12008088	1/2" BSPT	1/2" BSPT	26 mm	£4.00



REDUCING CONNECTOR  
BSPT MALE

3860

PART NUMBER	THREAD A	THREAD B	HEX AF NUT	PRICE
TF-12304028	1/4" BSPT	1/8" BSPT	17 mm	£1.74
TF-12306028	3/8" BSPT	1/8" BSPT	19 mm	£2.05
TF-12306048	3/8" BSPT	1/4" BSPT	19 mm	£2.12
TF-12308048	1/2" BSPT	1/4" BSPT	22 mm	£2.36
TF-12308068	1/2" BSPT	3/8" BSPT	22 mm	£2.51



EQUAL CONNECTOR  
BSPT MALE

3860

PART NUMBER	THREAD	HEX AF NUT	PRICE
TF-12202028	1/8" BSPT	14 mm	£1.74
TF-12204048	1/4" BSPT	17 mm	£1.89
TF-12206068	3/8" BSPT	19 mm	£2.12
TF-12208088	1/2" BSPT	22 mm	£2.60



HEX BLANKING PLUG  
BSPT MALE

3860

PART NUMBER	THREAD	HEX AF NUT	PRICE
TF-12102008	1/8" BSPT	12 mm	£1.10
TF-12104008	1/4" BSPT	15 mm	£1.25
TF-12106008	3/8" BSPT	17 mm	£1.35
TF-12108008	1/2" BSPT	22 mm	£1.57



REDUCING BUSH  
BSPT MALE / BSPT FEMALE

3860

PART NUMBER	THREAD A	THREAD B	HEX AF NUT	PRICE
TF-11004028	1/4" BSPT	1/8" BSPT	14 mm	£2.36
TF-11006028	3/8" BSPT	1/8" BSPT	17 mm	£2.20
TF-11006048	3/8" BSPT	1/4" BSPT	17 mm	£2.28
TF-11008028	1/2" BSPT	1/8" BSPT	22 mm	£3.61
TF-11008048	1/2" BSPT	1/4" BSPT	22 mm	£3.69
TF-11008068	1/2" BSPT	3/8" BSPT	22 mm	£5.47
TF-11012048	3/4" BSPT	1/4" BSPT	27 mm	£4.48
TF-11012068	3/4" BSPT	3/8" BSPT	27 mm	£5.26
TF-11012088	3/4" BSPT	1/2" BSPT	27 mm	£4.71



BLANKING CAP  
BSPT FEMALE

3860

PART NUMBER	THREAD	HEX AF NUT	PRICE
TF-10802008	1/8" BSPT	13 mm	£1.49
TF-10804008	1/4" BSPT	17 mm	£1.57
TF-10806008	3/8" BSPT	20 mm	£1.89
TF-10808008	1/2" BSPT	24 mm	£1.96

**NYLON 66 FITTINGS – BLUE**

**EQUAL CONNECTOR  
BSPT FEMALE**



3860

PART NUMBER	THREAD	HEX AF NUT	PRICE
TF-10302028	1/8" BSPT	14 mm	£1.96
TF-10304048	1/4" BSPT	17 mm	£2.05
TF-10306068	3/8" BSPT	21 mm	£2.28
TF-10308088	1/2" BSPT	26 mm	£3.77

**REDUCING CONNECTOR  
BSPT FEMALE**



3860

PART NUMBER	THREAD A	THREAD B	HEX AF NUT	PRICE
TF-11904028	1/4" BSPT	1/8" BSPT	17 mm	£2.12
TF-11906028	3/8" BSPT	1/8" BSPT	21 mm	£2.20
TF-11906048	3/8" BSPT	1/4" BSPT	21 mm	£2.28
TF-11908048	1/2" BSPT	1/4" BSPT	26 mm	£4.01
TF-11908068	1/2" BSPT	3/8" BSPT	26 mm	£3.69
TF-11912048	3/4" BSPT	1/4" BSPT	30 mm	£3.61
TF-11912088	3/4" BSPT	1/2" BSPT	30 mm	£3.61

**ELBOW  
BSPT MALE**



3860

PART NUMBER	THREAD	BODY AF NUT	PRICE
TF-16502008	1/8" BSPT	12 mm	£1.81
TF-16504008	1/4" BSPT	12 mm	£2.20
TF-16506008	3/8" BSPT	15 mm	£2.20
TF-16508008	1/2" BSPT	17 mm	£2.67

**REDUCING ELBOW  
BSPT MALE**



3860

PART NUMBER	THREAD A	THREAD B	BODY AF NUT	PRICE
TF-16904028	1/4" BSPT	1/8" BSPT	12 mm	£2.02
TF-16906048	3/8" BSPT	1/4" BSPT	15 mm	£3.72
TF-16908068	1/2" BSPT	3/8" BSPT	17 mm	£2.68

**EQUAL TEE  
BSPT MALE**



3860

PART NUMBER	THREAD	BODY AF NUT	PRICE
TF-16402028	1/8" BSPT	12 mm	£3.14
TF-16404048	1/4" BSPT	12 mm	£3.22
TF-16406068	3/8" BSPT	15 mm	£3.77
TF-16408088	1/2" BSPT	17 mm	£5.42

**REDUCING BRANCH TEE  
BSPT MALE**



3860

PART NUMBER	THREAD A	THREAD B	BODY AF NUT	PRICE
TF-17102048	1/8" BSPT	1/4" BSPT	14 mm	£3.22
TF-17104028	1/4" BSPT	1/8" BSPT	14 mm	£3.22
TF-17104068	1/4" BSPT	3/8" BSPT	17 mm	£3.77
TF-17106048	3/8" BSPT	1/4" BSPT	14 mm	£5.11
TF-17106088	3/8" BSPT	1/2" BSPT	17 mm	£6.71
TF-17108068	1/2" BSPT	3/8" BSPT	14 mm	£5.11

**REDUCING RUN TEE  
BSPT MALE**

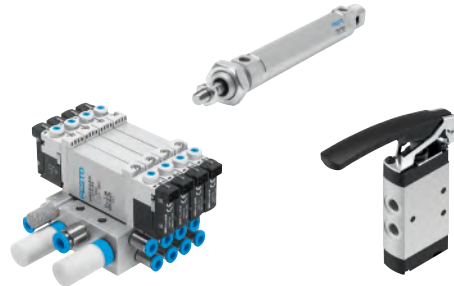


3860

PART NUMBER	THREAD A	THREAD B	BODY AF NUT	PRICE
TF-17202048	1/8" BSPT	1/4" BSPT	12 mm	£3.22
TF-17204028	1/4" BSPT	1/8" BSPT	12 mm	£3.22
TF-17204068	1/4" BSPT	3/8" BSPT	15 mm	£3.77
TF-17206048	3/8" BSPT	1/4" BSPT	15 mm	£3.77
TF-17206088	3/8" BSPT	1/2" BSPT	17 mm	£5.42
TF-17208068	1/2" BSPT	3/8" BSPT	17 mm	£5.42

Also available ...

**Festo products**



... on pages 416 – 453, section 8

**ACETAL – RED / BLACK QUICK RELEASE FITTINGS**
**FEATURES**

The special quick connector offers a fast and reliable push-to-connect mechanism. The moveable outer sleeve locks the plug into the socket. When the plug is disconnected, the socket acts as a shut-off valve. A variety of plugs can be connected and used, according to hydraulic or pneumatic needs.


**QUICK RELEASE SOCKET WITH NBR O-RING FEMALE BSPT**

PART NUMBER	THREAD	PRICE
TF-22080004000	1/4" BSPT	£13.61


**PLUG MALE BSPT**

PART NUMBER	THREAD	PRICE
TF-12081404006	1/4" BSPT	£2.58

**SPECIFICATIONS**

Working pressure	Up to 14 bar (200 psi) at 20°C
Temperature range	4°C to 90°C (39°F to +194°F) subject to application
Colour	Red / black
<b>MATERIALS</b>	
Body	Nylon 66
Internal parts	Acetal
Spring	316 stainless steel


**PLUG FEMALE BSPT**

PART NUMBER	THREAD	PRICE
TF-12081504006	1/4" BSPT	£2.58


**HOSETAIL PLUG**

PART NUMBER	HOSE ID	PRICE
TF-12081645006	5 mm	£2.17
TF-12081646006	6 mm	£2.17
TF-12081648006	8 mm	£2.17
TF-12081650006	10 mm	£2.37
TF-12081652006	12 mm	£2.43

**VALVES**
**FEATURES**

High pressure resistance. Wide temperature range. Long life reliable product. Low pressure head loss. Lightweight, easy to transport. Environment friendly, non-toxic. Easy and fast installation, very easy to operate.

**SPECIFICATIONS**

Working pressure	10 bar	16 bar	16 bar
Temperature range	-5°C to +60°C	-20°C to +90°C	-20°C to +90°C
<b>MATERIALS</b>	<b>Grey</b>	<b>White</b>	<b>Black</b>
Body	Polypropylene	PVDF	Acetal
O-ring	EPDM	Viton™	NBR


**DUAL TECH VALVE GREY – EPDM O-RING**

PART NUMBER	MALE THREAD	FEMALE THREAD	PRICE
TF-23002504043	1/4" BSPT	1/4" BSPT	£12.76

**WHITE – VITON™ O-RING**

TF-23002904041	1/4" BSPT	1/4" BSPT	£27.01
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**FEATURES**

Heavy duty Trio-Tech™ provides dependable operation and long life; the Trio-Tech™ has only one moveable part, which significantly reduces the grinding and discrepancies. Ability to handle a wide range of aggressive chemicals.

**SPECIFICATIONS**

Nominal pressure	Up to 10 bar (145 psi)
Temperature range	-5°C to +60°C (23°F to +140°F) subject to application
Material	Glass fibre reinforced polypropylene
O-ring material	EPDM


**TRIO TECH VALVE FIXED MALE CONNECTOR**

PART NUMBER	INLET	THREAD	PRICE
TF-23003403033	1/4" BSPT	1/8" BSPT	£18.85
TF-23003404043	1/4" BSPT	1/4" BSPT	£18.85


**DUAL TECH VALVE BLACK – NBR O-RING**

PART NUMBER	MALE THREAD	FEMALE THREAD	PRICE
TF-23002404042	1/4" BSPT	1/4" BSPT	£17.41


**TRIO TECH VALVE BARB UNION CONNECTOR**

PART NUMBER	INLET	HOSE ID	PRICE
TF-23003408083	1/4" BSPT	8 mm	£20.14



### DESCRIPTION

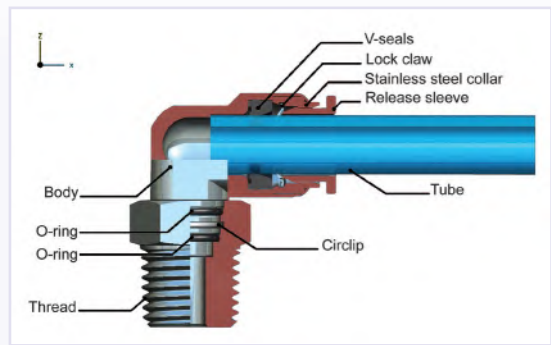
316L stainless steel push-in fittings (metric tube, BSPT/BSPP/FKM seals). Manufactured to ISO9001:2008, RoHS, CE. Withstands corrosive environments to aggressive fluid, can be used with food, medical and chemical applications and extreme hot or cold conditions.

### SPECIFICATIONS

Medium	Air, water, oil
Working pressure	0 – 217 psi (0 – 15 bar)
Vacuum rating	to 28" Hg
Working temperature	-15°C to +220°C
Applicable tubings	PTFE, FEP, PU, PE, PA, PVDF

### MATERIALS

Body	Stainless steel 316L
Release sleeve	Stainless steel 316L
Collar / lock claw	Stainless steel 316L
V-seals / O-rings	FKM



### COUPLING

#### BSPP / METRIC FEMALE

1745

PART NUMBER	TUBE OD	FEMALE	PRICE
SSPCF6-01	6 mm	1/8" BSPP	£12.79
SSPCF6-02	6 mm	1/4" BSPP	£13.94
SSPCF8-02	8 mm	1/4" BSPP	£14.40
SSPCF8-03	8 mm	3/8" BSPP	£15.37
SSPCF10-02	10 mm	1/4" BSPP	£18.83



### ELBOW

#### BSPT / METRIC MALE

1745

PART NUMBER	TUBE OD	MALE	PRICE
SSPL6-01	6 mm	1/8" BSPT	£19.11
SSPL6-02	6 mm	1/4" BSPT	£20.68
SSPL8-02	8 mm	1/4" BSPT	£24.46
SSPL8-03	8 mm	3/8" BSPT	£27.65
SSPL10-02	10 mm	1/4" BSPT	£34.71



### COUPLING

#### BSPT / METRIC MALE

1745

PART NUMBER	TUBE OD	MALE	PRICE
SSPC6-01	6 mm	1/8" BSPT	£11.95
SSPC6-02	6 mm	1/4" BSPT	£12.46
SSPC8-02	8 mm	1/4" BSPT	£12.93
SSPC8-03	8 mm	3/8" BSPT	£13.66
SSPC10-02	10 mm	1/4" BSPT	£18.42



### EQUAL ELBOW

1745

PART NUMBER	TUBE OD	PRICE
SSPUL6	6 mm	£19.75
SSPUL8	8 mm	£23.59
SSPUL10	10 mm	£37.85



### EQUAL STRAIGHT

1745

PART NUMBER	TUBE OD	PRICE
SSPUC6	6 mm	£20.31
SSPUC8	8 mm	£21.88
SSPUC10	10 mm	£29.82



### EQUAL TEE

1745

PART NUMBER	TUBE OD	PRICE
SSPUT6	6 mm	£28.71
SSPUT8	8 mm	£34.11
SSPUT10	10 mm	£56.49



**SPECIFICATIONS**

Temperature range	-15°C to +225°C
Minimum pressure	-0.99 bar
Maximum pressure	15 bar
<b>MATERIALS</b>	
Body, collet, capsule & clamping washer	316L steel
Safety ring	Teflon
Lip seal & thread packing	Food FKM

**THREAD DETAILS**

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



**STRAIGHT ADAPTOR  
BSPT MALE**

1480

PART NUMBER	TUBE OD	MALE	PRICE
A6000-0418	4 mm	1/8" BSPT	£18.24
A6000-0414	4 mm	1/4" BSPT	£20.25
A6000-0618	6 mm	1/8" BSPT	£21.67
A6000-0614	6 mm	1/4" BSPT	£22.66
A6000-0818	8 mm	1/8" BSPT	£23.99
A6000-0814	8 mm	1/4" BSPT	£24.53
A6000-1014	10 mm	1/4" BSPT	£31.72
A6000-1038	10 mm	3/8" BSPT	£35.04
A6000-1238	12 mm	3/8" BSPT	£50.19
A6000-1212	12 mm	1/2" BSPT	£55.84



**STRAIGHT ADAPTOR  
BSPP MALE**

1480

PART NUMBER	TUBE OD	MALE	PRICE
A6020-04M5	4 mm	M5	£25.10
A6020-0418	4 mm	1/8" BSPP	£24.67
A6020-0414	4 mm	1/4" BSPP	£24.88
A6020-0618	6 mm	1/8" BSPP	£24.67
A6020-0614	6 mm	1/4" BSPP	£27.74
A6020-0818	8 mm	1/8" BSPP	£27.43
A6020-0814	8 mm	1/4" BSPP	£31.05
A6020-1014	10 mm	1/4" BSPP	£34.05
A6020-1038	10 mm	3/8" BSPP	£41.24
A6020-1238	12 mm	3/8" BSPP	£51.75
A6020-1212	12 mm	1/2" BSPP	£57.49



**STRAIGHT CONNECTOR**

1480

PART NUMBER	TUBE OD	PRICE
A6040-04	4 mm	£27.20
A6040-06	6 mm	£27.53
A6040-08	8 mm	£31.50
A6040-10	10 mm	£42.68
A6040-12	12 mm	£63.24



**BULKHEAD CONNECTOR**

1480

PART NUMBER	TUBE OD	THREAD	PRICE
A6050-04M12	4 mm	M12 x 1	£44.88
A6050-06M14	6 mm	M14 x 1	£48.54
A6050-08M16	8 mm	M16 x 1	£58.04
A6050-10M20	10 mm	M20 x 1	£73.87
A6050-12M22	12 mm	M22 x 1	£90.86



**SWIVEL ELBOW ADAPTOR  
BSPT MALE**

1480

PART NUMBER	TUBE OD	MALE	PRICE
A6110-0418	4 mm	1/8" BSPT	£46.32
A6110-0414	4 mm	1/4" BSPT	£50.52
A6110-0618	6 mm	1/8" BSPT	£46.53
A6110-0614	6 mm	1/4" BSPT	£53.62
A6110-0818	8 mm	1/8" BSPT	£54.73
A6110-0814	8 mm	1/4" BSPT	£55.62
A6110-1014	10 mm	1/4" BSPT	£73.42
A6110-1038	10 mm	3/8" BSPT	£75.07
A6110-1012	10 mm	1/2" BSPT	£77.72
A6110-1238	12 mm	3/8" BSPT	£96.08
A6110-1212	12 mm	1/2" BSPT	£98.73



**SWIVEL ELBOW ADAPTOR  
BSPP MALE**

1480

PART NUMBER	TUBE OD	MALE	PRICE
A6115-04M5	4 mm	M5	£45.44
A6115-0418	4 mm	1/8" BSPP	£46.98
A6115-0414	4 mm	1/4" BSPP	£50.76
A6115-0618	6 mm	1/8" BSPP	£50.64
A6115-0614	6 mm	1/4" BSPP	£53.83
A6115-0818	8 mm	1/8" BSPP	£55.49
A6115-0814	8 mm	1/4" BSPP	£55.84
A6115-1014	10 mm	1/4" BSPP	£73.87
A6115-1038	10 mm	3/8" BSPP	£81.26
A6115-1012	10 mm	1/2" BSPP	£101.71
A6115-1238	12 mm	3/8" BSPP	£97.95
A6115-1212	12 mm	1/2" BSPP	£124.72





**FIXED ELBOW CONNECTOR**

1480

PART NUMBER	TUBE OD	PRICE
A6130-04	4 mm	£35.16
A6130-06	6 mm	£37.48
A6130-08	8 mm	£43.45
A6130-10	10 mm	£59.59
A6130-12	12 mm	£82.92



**TEE CONNECTOR**

1480

PART NUMBER	TUBE OD	PRICE
A6230-04	4 mm	£49.41
A6230-06	6 mm	£51.96
A6230-08	8 mm	£60.04
A6230-10	10 mm	£80.91
A6230-12	12 mm	£100.50



**SWIVEL TEE ADAPTOR  
CENTRE LEG  
BSPT MALE**

1480

PART NUMBER	TUBE OD	MALE	PRICE
A6210-0418	4 mm	1/8" BSPT	£48.63
A6210-0414	4 mm	1/4" BSPT	£61.56
A6210-0618	6 mm	1/8" BSPT	£61.79
A6210-0614	6 mm	1/4" BSPT	£65.67
A6210-0818	8 mm	1/8" BSPT	£68.43
A6210-0814	8 mm	1/4" BSPT	£69.43
A6210-1014	10 mm	1/4" BSPT	£94.74
A6210-1038	10 mm	3/8" BSPT	£96.29
A6210-1012	10 mm	1/2" BSPT	£99.06
A6210-1238	12 mm	3/8" BSPT	£123.92
A6210-1212	12 mm	1/2" BSPT	£126.59



**SWIVEL TEE ADAPTOR  
CENTRE LEG  
BSPP MALE**

1480

PART NUMBER	TUBE OD	MALE	PRICE
A6215-04M5	4 mm	M5	£55.49
A6215-0418	4 mm	1/8" BSPP	£53.83
A6215-0414	4 mm	1/4" BSPP	£61.79
A6215-0618	6 mm	1/8" BSPP	£65.34
A6215-0614	6 mm	1/4" BSPP	£65.79
A6215-0818	8 mm	1/8" BSPP	£69.19
A6215-0814	8 mm	1/4" BSPP	£69.54
A6215-1014	10 mm	1/4" BSPP	£95.18
A6215-1038	10 mm	3/8" BSPP	£102.60
A6215-1012	10 mm	1/2" BSPP	£123.04
A6215-1238	12 mm	3/8" BSPP	£125.69
A6215-1212	12 mm	1/2" BSPP	£152.46

Thirteen

Also available ...

**E.MC pneumatic products**



... on pages 328 – 355, section 6

### SPECIFICATIONS

Temperature range	-110°C to +300°C
Minimum pressure	-0.99 bar
Maximum pressure	140 bar
<b>MATERIALS</b>	
Body	316L steel

### THREAD DETAILS

Tapered gas in conformity with ISO 7.1, BS 21, DIN 2999
Parallel gas in conformity with ISO 228 Class A



**NIPPLE  
BSPT MALE**

1470

PART NUMBER	MALE	PRICE
A62000-18	1/8" BSPT	£12.27
A62000-14	1/4" BSPT	£14.82
A62000-38	3/8" BSPT	£16.37
A62000-12	1/2" BSPT	£19.57
A62000-34	3/4" BSPT	£22.33



**REDUCING NIPPLE  
BSPT MALE**

1470

PART NUMBER	MALE	MALE	PRICE
A62020-1814	1/8" BSPT	1/4" BSPT	£15.38
A62020-1838	1/8" BSPT	3/8" BSPT	£16.80
A62020-1438	1/4" BSPT	3/8" BSPT	£16.80
A62020-1412	1/4" BSPT	1/2" BSPT	£19.35
A62020-3812	3/8" BSPT	1/2" BSPT	£19.45
A62020-1234	1/2" BSPT	3/4" BSPT	£26.09



**REDUCING NIPPLE  
BSPT MALE / BSPP FEMALE**

1470

PART NUMBER	MALE	FEMALE	PRICE
A62040-1814	1/8" BSPT	1/4" BSPP	£15.69
A62040-1438	1/4" BSPT	3/8" BSPP	£19.24
A62040-1412	1/4" BSPT	1/2" BSPP	£23.77
A62040-3812	3/8" BSPT	1/2" BSPP	£24.22
A62040-1234	1/2" BSPT	3/4" BSPP	£30.84



**REDUCING BUSH  
BSPP FEMALE / BSPT MALE**

1470

PART NUMBER	FEMALE	MALE	PRICE
A62080-1814	1/8" BSPP	1/4" BSPT	£14.27
A62080-1838	1/8" BSPP	3/8" BSPT	£15.58
A62080-1438	1/4" BSPP	3/8" BSPT	£16.02
A62080-1412	1/4" BSPP	1/2" BSPT	£19.00
A62080-3812	3/8" BSPP	1/2" BSPT	£20.01
A62080-1234	1/2" BSPP	3/4" BSPT	£24.22



**SLEEVE  
BSPP FEMALE**

1470

PART NUMBER	FEMALE	PRICE
A62300-18	1/8" BSPP	£6.97
A62300-14	1/4" BSPP	£9.85
A62300-38	3/8" BSPP	£13.92
A62300-12	1/2" BSPP	£22.56
A62300-34	3/4" BSPP	£33.72



**REDUCING SLEEVE  
BSPP FEMALE**

1470

PART NUMBER	FEMALE	FEMALE	PRICE
A62310-1814	1/8" BSPP	1/4" BSPP	£9.29
A62310-1438	1/4" BSPP	3/8" BSPP	£13.71
A62310-3812	3/8" BSPP	1/2" BSPP	£17.04
A62310-1234	1/2" BSPP	3/4" BSPP	£28.64



**PLUG WITH ALLEN KEY HEAD  
BSPP MALE**

1470

PART NUMBER	MALE	PRICE
A62315-18	1/8" BSPP	£17.58
A62315-14	1/4" BSPP	£19.68
A62315-38	3/8" BSPP	£21.77
A62315-12	1/2" BSPP	£22.00



**HEXAGONAL PLUG  
BSPP MALE**

1470

PART NUMBER	MALE	PRICE
A62320-18	1/8" BSPP	£13.26
A62320-14	1/4" BSPP	£14.48
A62320-38	3/8" BSPP	£15.93
A62320-12	1/2" BSPP	£19.80
A62320-34	3/4" BSPP	£24.76



**PLUG**  
**BSPT MALE**

1470

PART NUMBER	MALE	CH	PRICE
A62325-18	1/8" BSPT	5	£11.27
A62325-14	1/4" BSPT	6	£12.17
A62325-38	3/8" BSPT	8	£13.61
A62325-12	1/2" BSPT	10	£17.25



**HOSE ADAPTOR**  
**BSPT MALE**

1470

PART NUMBER	TUBE ID	MALE	PRICE
A62340-0618	6 mm	1/8" BSPT	£8.18
A62340-0718	7 mm	1/8" BSPT	£8.18
A62340-0714	7 mm	1/4" BSPT	£9.95
A62340-0814	8 mm	1/4" BSPT	£9.95
A62340-0938	9 mm	3/8" BSPT	£12.93
A62340-1014	10 mm	1/4" BSPT	£9.95
A62340-1038	10 mm	3/8" BSPT	£12.93
A62340-1012	10 mm	1/2" BSPT	£19.35
A62340-1214	12 mm	1/4" BSPT	£9.95
A62340-1238	12 mm	3/8" BSPT	£12.93
A62340-1212	12 mm	1/2" BSPT	£19.35
A62340-1438	14 mm	3/8" BSPT	£12.71
A62340-1412	14 mm	1/2" BSPT	£19.35
A62340-1612	16 mm	1/2" BSPT	£19.35
A62340-1812	18 mm	1/2" BSPT	£19.35
A62340-1834	18 mm	3/4" BSPT	£27.74
A62340-2012	20 mm	1/2" BSPT	£19.35
A62340-2034	20 mm	3/4" BSPT	£27.74



**EQUAL TEE**  
**BSPP FEMALE**

1470

PART NUMBER	FEMALE	PRICE
A62400-18	1/8" BSPP	£33.82
A62400-14	1/4" BSPP	£47.43
A62400-38	3/8" BSPP	£61.46
A62400-12	1/2" BSPP	£75.73



**TEE CENTRE LEG MALE**  
**BSPP FEMALE / BSPT MALE**

1470

PART NUMBER	FEMALE	MALE	PRICE
A62440-18	1/8" BSPP	1/8" BSPT	£33.82
A62440-14	1/4" BSPP	1/4" BSPT	£47.43
A62440-38	3/8" BSPP	3/8" BSPT	£61.46
A62440-12	1/2" BSPP	1/2" BSPT	£75.73



**TEE OFF SET MALE**  
**BSPP FEMALE / BSPT MALE**

1470

PART NUMBER	FEMALE	MALE	PRICE
A62450-18	1/8" BSPP	1/8" BSPT	£33.82
A62450-14	1/4" BSPP	1/4" BSPT	£47.43
A62450-38	3/8" BSPP	3/8" BSPT	£61.46
A62450-12	1/2" BSPP	1/2" BSPT	£75.73



**ELBOW**  
**BSPP FEMALE**

1470

PART NUMBER	FEMALE	PRICE
A62510-18	1/8" BSPP	£27.30
A62510-14	1/4" BSPP	£37.24
A62510-38	3/8" BSPP	£46.65
A62510-12	1/2" BSPP	£57.28



**ELBOW**  
**BSPP FEMALE / BSPT MALE**

1470

PART NUMBER	FEMALE	MALE	PRICE
A62520-18	1/8" BSPP	1/8" BSPT	£27.30
A62520-14	1/4" BSPP	1/4" BSPT	£37.24
A62520-38	3/8" BSPP	3/8" BSPT	£46.88
A62520-12	1/2" BSPP	1/2" BSPT	£57.28

### FEATURES

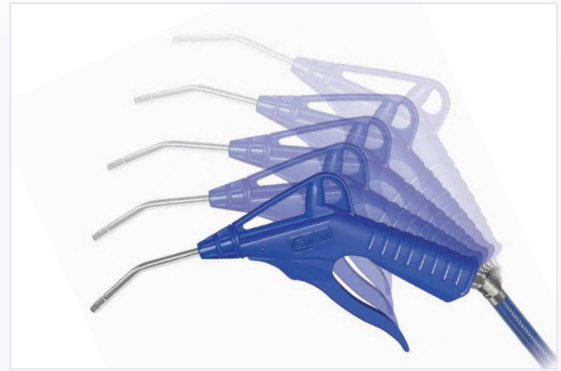
- Greatly reduces the incidence of repetitive strain injuries, such as carpal tunnel syndrome and back stress
- Lightweight and streamlined design
- Two rotation points prevent kinking of the supply hose
- Steel construction for maximum service life
- Rotating joint is supplied with dust cover
- Full 7 mm flow

### APPLICATIONS

- Assembly operations in the automotive and electronic industries and spray painting
- Mechanical joints for robotics

### SPECIFICATIONS

Medium	Compressed air
Working temperature	-5°C to +60°C (+23°F to +140°F)
Max. working pressure	1Mpa (10.2 kgf/cm <sup>2</sup> ) • 145 psi
Materials	Nickel plated steel, NBR seal



## NICKEL PLATED STEEL CENTRE COVER

### FEMALE THREAD X MALE THREAD



3450

PART NUMBER	DESCRIPTION	PRICE
CHNFAG2F-2M	1/4" BSPT female x 1/4" BSPT male	£26.85

### FREE ELBOW FITTING FEMALE X FEMALE



3450

PART NUMBER	THREAD	PRICE
CH2HJ2F-2F	1/4" BSPT	£36.90
CH3HJ3F-3F	3/8" BSPT	£45.84
CH4HJ4F-4F	1/2" BSPT	£48.48

### EURO STANDARD NIPPLE X MALE THREAD



3450

PART NUMBER	DESCRIPTION	PRICE
CHNFAP2M320	320 Nipple x 1/4" BSPT male	£26.85

### FREE ELBOW FITTING MALE X FEMALE



3450

PART NUMBER	THREAD	PRICE
CH2HJ2M-2F	1/4" BSPT Male x 1/4" BSPT Female	£72.11
CH3HJ3M-3F	3/8" BSPT Male x 3/8" BSPT Female	£45.84
CH4HJ4M-4F	1/2" BSPT Male x 1/2" BSPT Female	£48.48

## NICKEL PLATED STEEL CENTRE COVER

### EURO STANDARD NIPPLE X FEMALE THREAD



3450

PART NUMBER	DESCRIPTION	PRICE
CO-11-04BSF	320 Nipple x 1/4" BSPP female	£29.84

### EURO STANDARD NIPPLE X MALE THREAD



3450

PART NUMBER	DESCRIPTION	PRICE
CO-11-04BS	320 Nipple x 1/4" BSPT	£39.89