

13

RING MAIN SYSTEMS

Ring main systems consist of a closed loop, or a ring, of piping surrounding an area where air will be consumed at high pressure. Branch pipes are connected to the main ring and run along walls or ceilings to various facility consumption points.

COMPRESSED AIR

Sicomat



764
Tube for Compressed Air Applications



766
Fittings for Compressed Air Applications – SR Series



769
Push Fittings for Compressed Air Applications – SK Series

Sicomat



770
Accessories for Compressed Air Applications

New Additions

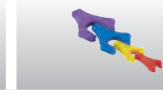


776
Aluminium Profiles & Fittings for Compressed Air Applications – 80/110 Dia.

SharkBite

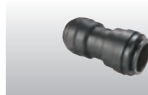


778
Air Ring Main Fittings

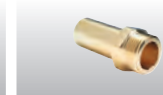


781
Air Ring Main Tube & Accessories

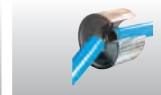
John Guest



782
Air Ring Main Fittings



784
Brass Compressed Air Fittings



785
Air Ring Main Tube & Accessories

NITROGEN

Sicomat



787
Tube for Nitrogen Applications



788
Fittings for Nitrogen Applications

VACUUM

Sicomat

| | |
|---|---|
|  |  |
| 790 Tube for Vacuum Applications | 791 Fittings for Vacuum Applications |

MALLEABLE IRON

PARKAIR

| | |
|---|--|
|  |  |
| 792 Malleable Cast Iron Fittings | 799 Malleable Iron Pipe |

PARKAIR

CRANE

PARKAIR



800
Malleable Iron Pipe Fittings & Accessories






802
Malleable Iron Pipe Fittings





808
304 Stainless Steel Press Fittings

PARKAIR

| | | |
|--|--|--|
|  New |  New |  New |
| 811 Press Fitting Accessories | 812 Carbon Steel Press Fittings | 816 Copper Press Fittings |

PLUMBING / HEATING

John Guest

| | | |
|---|---|---|
|  |  |  |
| 820 Speedfit – Plumbing & Heating Systems | 823 Valves | 825 Flexi Hose & Barrier Pipe |

PROCESSING

PARKAIR

| | | | | |
|--|---|---|---|--|
|  New Additions |  |  |  |  |
| 826 uPVC Pipe Fittings | 831 ABS Pipe Fittings | 834 uPVC & ABS Check Valves | 834 uPVC & ABS Accessories | 835 uPVC & ABS Tubing |

Tube for Compressed Air Applications

Applications

- Compressed air
- Vacuum
- Calibrated extrusion

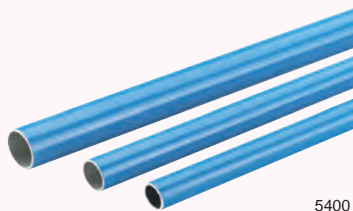
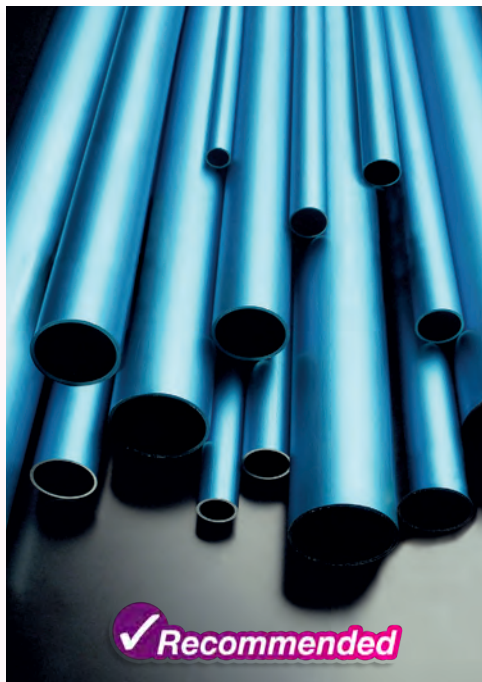
Benefits

- Easy & rapid to install
- Reduced pressure drop
- Corrosion resistance
- Fire resistance
- UV resistance
- Good shock resistance
- No welding

Specifications

Material: EN AW-6060 T6 aluminium
Treatment: Internal & external chromatising
Paint: RAL 5015 electrostatic painting
Temperature range: -20°C to +70°C (-4°F to +158°F)
Pressure: -0.8 to 15 bar

Carriage for
3 & 6 metre
lengths charged
at cost
Please ask for
details



ALUMINIUM TUBE
6 METRE LENGTH

5400

| PART NUMBER | TUBE OD | TUBE ID | FLOW RATE @ 7 BAR |
|-------------|---------|---------|----------------------|
| r0590150126 | 15 mm | 12 mm | 950 l/min |
| r0590200176 | 20 mm | 17 mm | 1477 l/min |
| r0590220196 | 22 mm | 19 mm | 1850 l/min |
| r0590250226 | 25 mm | 22 mm | 2727 l/min |
| r0590280256 | 28 mm | 25 mm | 3800 l/min |
| r0590320296 | 32 mm | 29 mm | 5504 l/min |
| r0590400376 | 40 mm | 37 mm | 10054 l/min |
| r0590500466 | 50 mm | 46 mm | 16538 l/min |
| r0590630596 | 63 mm | 59 mm | 30214 l/min |

3 METRE LENGTH

| | | | |
|-------------|-------|-------|-------------|
| r0590150123 | 15 mm | 12 mm | 950 l/min |
| r0590200173 | 20 mm | 17 mm | 1477 l/min |
| r0590220193 | 22 mm | 19 mm | 1850 l/min |
| r0590250223 | 25 mm | 22 mm | 2727 l/min |
| r0590280253 | 28 mm | 25 mm | 3800 l/min |
| r0590320293 | 32 mm | 29 mm | 5504 l/min |
| r0590400373 | 40 mm | 37 mm | 10054 l/min |
| r0590500463 | 50 mm | 46 mm | 16538 l/min |
| r0590630593 | 63 mm | 59 mm | 30214 l/min |



DROP BEND



5400

| PART NUMBER | TUBE OD |
|-------------|---------|
| r059015100 | 15 mm |
| r059020100 | 20 mm |
| r059022100 | 22 mm |
| r059025100 | 25 mm |

90° BEND



5400

| PART NUMBER | TUBE OD |
|-------------|---------|
| r059015101 | 15 mm |
| r059020101 | 20 mm |
| r059022101 | 22 mm |
| r059025101 | 25 mm |

180° BEND



5400

| PART NUMBER | TUBE OD |
|-------------|---------|
| r059015102 | 15 mm |
| r059020102 | 20 mm |
| r059022102 | 22 mm |
| r059025102 | 25 mm |

S BEND



5400

| PART NUMBER | TUBE OD |
|-------------|---------|
| r059015103 | 15 mm |
| r059020103 | 20 mm |
| r059022103 | 22 mm |
| r059025103 | 25 mm |

Z BEND



5400

| PART NUMBER | TUBE OD |
|-------------|---------|
| r059015104 | 15 mm |
| r059020104 | 20 mm |
| r059022104 | 22 mm |
| r059025104 | 25 mm |



Fittings for Compressed Air Applications

SR Series

Sicomat's SR Series offers a practical and helpful solution for compressed air distribution, whether for small distribution systems or large industrial plants.

The SR Series is based on calibrated aluminium pipes that are surface treated and range in size from 20 mm to 63 mm, with profiles of 80 mm and 110 mm. The fittings used for junctions have high resistance to shock and pressure and have been tested by the TÜV Certification Institute for product durability. The SR Series has been tested four times more than the average working pressure (PN12.5).

These tests show that the SR Series is highly resistant to stress generated by water hammer pressure changes and durable in salty fog. The exterior coating on the SR Series ensures low friction for air passage and quick installation time, thanks to the colour-coded lines that comply with fluid identification regulations, eliminating the need for subsequent pipe coating.

The SR Series is compatible with all other Sicomat products, making it a complete, flexible and functional system for all fluid distribution needs in typical industrial use.

SK Series

The experience gained from the SR Series has led to the development of the SK Series, which is a reliable and efficient push-fit solution for compressed air distribution.

The SK Series comprises three aluminium sizes – Ø15, Ø22, and Ø28 mm – and is assembled using nylon fittings.

Tests have shown that the SK Series has excellent resistance to stress caused by water hammer pressure changes and can withstand salty fog for extended periods.

Specifications

| | |
|--------------------|---------------------------------|
| Body: | Black nylon |
| Coupling ring: | Blue nylon |
| Cutting ring: | 301 stainless steel |
| Sealing: | NBR O-ring |
| Temperature range: | -20°C to +70°C (-4°F to +158°F) |
| Pressure: | -0.8 to 12.5 bar |





5410

EQUAL UNION

| PART NUMBER | TUBE OD | TUBE OD |
|-------------|---------|---------|
| rR210020020 | 20 mm | 20 mm |
| rR210025025 | 25 mm | 25 mm |
| rR210032032 | 32 mm | 32 mm |
| rR210040040 | 40 mm | 40 mm |
| rR210050050 | 50 mm | 50 mm |
| rR210063063 | 63 mm | 63 mm |



5410

REDUCING UNION

| PART NUMBER | TUBE OD | TUBE OD |
|-------------|---------|---------|
| rR212025020 | 25 mm | 20 mm |
| rR212032025 | 32 mm | 25 mm |
| rR212040032 | 40 mm | 32 mm |
| rR212050040 | 50 mm | 40 mm |
| rR212063050 | 63 mm | 50 mm |



5410

90° EQUAL ELBOW

| PART NUMBER | TUBE OD | TUBE OD |
|-------------|---------|---------|
| rR213020020 | 20 mm | 20 mm |
| rR213025025 | 25 mm | 25 mm |
| rR213032032 | 32 mm | 32 mm |
| rR213040040 | 40 mm | 40 mm |
| rR213050050 | 50 mm | 50 mm |
| rR213063063 | 63 mm | 63 mm |



5410

45° EQUAL ELBOW

| PART NUMBER | TUBE OD | TUBE OD |
|-------------|---------|---------|
| rR245020020 | 20 mm | 20 mm |
| rR245025025 | 25 mm | 25 mm |
| rR245032032 | 32 mm | 32 mm |
| rR245040040 | 40 mm | 40 mm |
| rR245050050 | 50 mm | 50 mm |
| rR245063063 | 63 mm | 63 mm |



5410

EQUAL TEE

| PART NUMBER | TUBE OD |
|-------------|---------|
| rR214020000 | 20 mm |
| rR214025000 | 25 mm |
| rR214032000 | 32 mm |
| rR214040000 | 40 mm |
| rR214050000 | 50 mm |
| rR214063000 | 63 mm |



5410

TEE FEMALE

| PART NUMBER | TUBE OD | THREAD | TUBE OD |
|-------------|---------|--------|---------|
| rR215025012 | 25 mm | 1/2" | 25 mm |
| rR215032034 | 32 mm | 3/4" | 32 mm |
| rR215040001 | 40 mm | 1" | 40 mm |
| rR215050112 | 50 mm | 1 1/2" | 50 mm |
| rR215063002 | 63 mm | 2" | 63 mm |



5410

STRAIGHT CONNECTOR MALE

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rR211020012 | 20 mm | 1/2" |
| rR211020034 | 20 mm | 3/4" |
| rR211025012 | 25 mm | 1/2" |
| rR211025034 | 25 mm | 3/4" |
| rR211025001 | 25 mm | 1" |
| rR211032001 | 32 mm | 1" |
| rR211032114 | 32 mm | 1 1/4" |
| rR211040001 | 40 mm | 1" |
| rR211040114 | 40 mm | 1 1/4" |
| rR211040112 | 40 mm | 1 1/2" |
| rR211050112 | 50 mm | 1 1/2" |
| rR211050002 | 50 mm | 2" |
| rR211063002 | 63 mm | 2" |
| rR211063212 | 63 mm | 2 1/2" |



5410

ALUMINIUM STRAIGHT CONNECTOR MALE

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rR203020012 | 20 mm | 1/2" |
| rR203025012 | 25 mm | 1/2" |
| rR203025034 | 25 mm | 3/4" |
| rR203032001 | 32 mm | 1" |
| rR203040001 | 40 mm | 1" |
| rR203040114 | 40 mm | 1 1/4" |
| rR203050112 | 50 mm | 1 1/2" |
| rR203063002 | 63 mm | 2" |



5410

ALUMINIUM STRAIGHT CONNECTOR FEMALE

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rR202020012 | 20 mm | 1/2" |
| rR202025034 | 25 mm | 3/4" |
| rR202032001 | 32 mm | 1" |
| rR202040114 | 40 mm | 1 1/4" |
| rR202050112 | 50 mm | 1 1/2" |
| rR202063002 | 63 mm | 2" |



5410

STRAIGHT CONNECTOR FEMALE

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rR201020012 | 20 mm | 1/2" |
| rR201025034 | 25 mm | 3/4" |
| rR201032001 | 32 mm | 1" |
| rR201040114 | 40 mm | 1 1/4" |
| rR201050112 | 50 mm | 1 1/2" |
| rR201063002 | 63 mm | 2" |

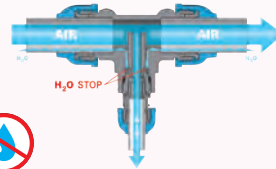




5410



DRY AIR DROP TEE



5410

REDUCING TEE

| PART NUMBER | TUBE OD | TUBE OD | TUBE OD |
|-------------|---------|---------|---------|
| rR217025020 | 25 mm | 20 mm | 25 mm |
| rR217032020 | 32 mm | 20 mm | 32 mm |
| rR217032025 | 32 mm | 25 mm | 32 mm |
| rR217040020 | 40 mm | 20 mm | 40 mm |
| rR217040025 | 40 mm | 25 mm | 40 mm |
| rR217040032 | 40 mm | 32 mm | 40 mm |
| rR217050020 | 50 mm | 20 mm | 50 mm |
| rR217050025 | 50 mm | 25 mm | 50 mm |
| rR217050032 | 50 mm | 32 mm | 50 mm |
| rR217050040 | 50 mm | 40 mm | 50 mm |
| rR217063020 | 63 mm | 20 mm | 63 mm |
| rR217063025 | 63 mm | 25 mm | 63 mm |
| rR217063032 | 63 mm | 32 mm | 63 mm |
| rR217063040 | 63 mm | 40 mm | 63 mm |
| rR217063050 | 63 mm | 50 mm | 63 mm |

| PART NUMBER | TUBE OD | TUBE OD | TUBE OD |
|-------------|---------|---------|---------|
| rR247040020 | 40 mm | 20 mm | 40 mm |
| rR247040025 | 40 mm | 25 mm | 40 mm |
| rR247050020 | 50 mm | 20 mm | 50 mm |
| rR247050025 | 50 mm | 25 mm | 50 mm |
| rR247050032 | 50 mm | 32 mm | 50 mm |
| rR247050040 | 50 mm | 40 mm | 50 mm |
| rR247063020 | 63 mm | 20 mm | 63 mm |
| rR247063025 | 63 mm | 25 mm | 63 mm |
| rR247063032 | 63 mm | 32 mm | 63 mm |
| rR247063040 | 63 mm | 40 mm | 63 mm |
| rR247063050 | 63 mm | 50 mm | 63 mm |



5410

CONNECTION WITH JOINT 3 PIECES

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rR220020012 | 20 mm | 1/2" |
| rR220020034 | 20 mm | 3/4" |
| rR220025034 | 25 mm | 3/4" |
| rR220025001 | 25 mm | 1" |
| rR220032001 | 32 mm | 1" |
| rR220032114 | 32 mm | 1 1/4" |
| rR220040114 | 40 mm | 1 1/4" |
| rR220040112 | 40 mm | 1 1/2" |
| rR220050112 | 50 mm | 1 1/2" |
| rR220050002 | 50 mm | 2" |
| rR220063002 | 63 mm | 2" |
| rR220063212 | 63 mm | 2 1/2" |

3 PIECE CONNECTOR WITH BALL VALVE

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rR225020012 | 20 mm | 1/2" |
| rR225020034 | 20 mm | 3/4" |
| rR225025034 | 25 mm | 3/4" |
| rR225025001 | 25 mm | 1" |
| rR225032001 | 32 mm | 1" |
| rR225032114 | 32 mm | 1 1/4" |
| rR225040114 | 40 mm | 1 1/4" |
| rR225040112 | 40 mm | 1 1/2" |
| rR225050112 | 50 mm | 1 1/2" |
| rR225050002 | 50 mm | 2" |
| rR225063002 | 63 mm | 2" |
| rR225063212 | 63 mm | 2 1/2" |



5410

STRAIGHT CONNECTOR WITH BALL VALVE

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rR224020012 | 20 mm | 1/2" |
| rR224020034 | 20 mm | 3/4" |
| rR224025034 | 25 mm | 3/4" |
| rR224025001 | 25 mm | 1" |
| rR224032001 | 32 mm | 1" |
| rR224032114 | 32 mm | 1 1/4" |
| rR224040114 | 40 mm | 1 1/4" |
| rR224040112 | 40 mm | 1 1/2" |
| rR224050112 | 50 mm | 1 1/2" |
| rR224050002 | 50 mm | 2" |
| rR224063002 | 63 mm | 2" |
| rR224063212 | 63 mm | 2 1/2" |

REDUCING BUSH ALUMINIUM



5410

| PART NUMBER | DIMENSIONS |
|-------------|---------------|
| rR232034012 | 3/4" x 1/2" |
| rR232001012 | 1" x 1/2" |
| rR232114012 | 1 1/4" x 1/2" |
| rR232114034 | 1 1/4" x 3/4" |
| rR232112012 | 1 1/2" x 1/2" |
| rR232112034 | 1 1/2" x 3/4" |
| rR232112001 | 1 1/2" x 1" |
| rR232002012 | 2" x 1/2" |
| rR232002034 | 2" x 3/4" |
| rR232002001 | 2" x 1" |
| rR232002112 | 2" x 1 1/2" |





5410

END CAPS

WITH MANUAL VENT VALVE

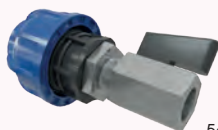
| PART NUMBER | TUBE OD |
|-------------|---------|
| rR218020014 | 20 mm |
| rR248025014 | 25 mm |
| rR248032014 | 32 mm |
| rR248040014 | 40 mm |
| rR248050014 | 50 mm |
| rR248063014 | 63 mm |



5410

END CAPS

| PART NUMBER | TUBE OD |
|-------------|---------|
| rR221020000 | 20 mm |
| rR221025000 | 25 mm |
| rR221032000 | 32 mm |
| rR221040000 | 40 mm |
| rR221050000 | 50 mm |
| rR221063000 | 63 mm |



5410

END CAPS

WITH MINI BALL VALVE

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rR219020014 | 20 mm | 1/4" |
| rR249025014 | 25 mm | 1/4" |
| rR249032014 | 32 mm | 1/4" |
| rR249040014 | 40 mm | 1/4" |
| rR249050014 | 50 mm | 1/4" |
| rR249064014 | 63 mm | 1/4" |



5410

COUPLING NUT

| PART NUMBER | TUBE OD |
|-------------|---------|
| rR209020000 | 20 mm |
| rR209025000 | 25 mm |
| rR209032000 | 32 mm |
| rR209040000 | 40 mm |
| rR209050000 | 50 mm |
| rR209063000 | 63 mm |



5410

REDUCING FITTING NYLON & ALUMINIUM FEMALE

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rR237025012 | 25 mm | 1/2" |
| rR237032012 | 32 mm | 1/2" |
| rR237040012 | 40 mm | 1/2" |
| rR237040001 | 40 mm | 1" |
| rR237050012 | 50 mm | 1/2" |
| rR237050001 | 50 mm | 1" |
| rR237063012 | 63 mm | 1/2" |
| rR237063001 | 63 mm | 1" |
| rR237063112 | 63 mm | 1 1/2" |



5410

NYLON ADAPTOR NPT MALE / BSPP FEMALE

| PART NUMBER | MALE THREAD | FEMALE THREAD |
|-------------|-------------|---------------|
| rR252012000 | 1/2" NPT | 1/2" BSPP |
| rR252034000 | 3/4" NPT | 3/4" BSPP |
| rR252001000 | 1" NPT | 1" BSPP |
| rR252114000 | 1 1/4" NPT | 1 1/4" BSPP |
| rR252112000 | 1 1/2" NPT | 1 1/2" BSPP |
| rR252002000 | 2" NPT | 2" BSPP |



5410

REDUCING FITTING WITH O-RING SCREWED NYLON MALE / FEMALE

| PART NUMBER | MALE THREAD | FEMALE THREAD |
|-------------|-------------|---------------|
| rR238034012 | 3/4" | 1/2" |
| rR238001012 | 1" | 1/2" |
| rR238112012 | 1 1/2" | 1/2" |
| rR238112001 | 1 1/2" | 1" |
| rR238002012 | 2" | 1/2" |
| rR238002001 | 2" | 1" |
| rR238002112 | 2" | 1 1/2" |



5410

NYLON ADAPTOR BSPP MALE / NPT FEMALE

| PART NUMBER | MALE THREAD | FEMALE THREAD |
|-------------|-------------|---------------|
| rR251012000 | 1/2" BSPP | 1/2" NPT |
| rR251034000 | 3/4" BSPP | 3/4" NPT |
| rR251001000 | 1" BSPP | 1" NPT |
| rR251114000 | 1 1/4" BSPP | 1 1/4" NPT |
| rR251112000 | 1 1/2" BSPP | 1 1/2" NPT |
| rR251002000 | 2" BSPP | 2" NPT |



EQUAL UNION



5410

| PART NUMBER | TUBE OD | TUBE OD |
|-------------|---------|---------|
| rR210015015 | 15 mm | 15 mm |
| rR210022022 | 22 mm | 22 mm |
| rR210028028 | 28 mm | 28 mm |

90° EQUAL ELBOW



5410

| PART NUMBER | TUBE OD | TUBE OD |
|-------------|---------|---------|
| rR213015015 | 15 mm | 15 mm |
| rR213022022 | 22 mm | 22 mm |
| rR213028028 | 28 mm | 28 mm |

EQUAL TEE



5410

| PART NUMBER | TUBE OD |
|-------------|---------|
| rR214015000 | 15 mm |
| rR214022000 | 22 mm |
| rR214028000 | 28 mm |

STRAIGHT CONNECTOR MALE



5410

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rR211015038 | 15 mm | 3/8" |
| rR211015012 | 15 mm | 1/2" |
| rR211022012 | 22 mm | 1/2" |
| rR211028034 | 28 mm | 3/4" |
| rR211028012 | 28 mm | 1/2" |

ALUMINIUM STRAIGHT CONNECTOR MALE



5410

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rR238015038 | 15 mm | 3/8" |
| rR238022012 | 22 mm | 1/2" |
| rR238028034 | 28 mm | 3/4" |

ALUMINIUM STRAIGHT CONNECTOR FEMALE



5410

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rR237015038 | 15 mm | 3/8" |
| rR237022012 | 22 mm | 1/2" |
| rR237028034 | 28 mm | 3/4" |

END CAPS



5410

| PART NUMBER | TUBE OD |
|-------------|---------|
| rR221015000 | 15 mm |
| rR221022000 | 22 mm |
| rR221028000 | 28 mm |

STRAIGHT UNION COUPLING WITH BALL VALVE



5410

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rR224015012 | 15 mm | 1/2" |
| rR224022012 | 22 mm | 1/2" |
| rR224028034 | 28 mm | 3/4" |

STRAIGHT UNION COUPLING 3 PIECE WITH BALL VALVE



5410

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rR225015012 | 15 mm | 1/2" |
| rR225022012 | 22 mm | 1/2" |
| rR225028034 | 28 mm | 3/4" |

STRAIGHT UNION COUPLING 3 PIECES



5410

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rR220015012 | 15 mm | 1/2" |
| rR220022012 | 22 mm | 1/2" |
| rR220028034 | 28 mm | 3/4" |

DRY AIR DROP TEE



5410

| PART NUMBER | TUBE OD | TUBE OD | TUBE OD |
|-------------|---------|---------|---------|
| rR247028015 | 28 mm | 15 mm | 28 mm |
| rR247028022 | 28 mm | 22 mm | 28 mm |



CROSS JOINT

5410

| PART NUMBER | TUBE OD | THREAD |
|--------------|---------|--------|
| rML215020012 | 20 mm | 1/2" |
| rML215025012 | 25 mm | 1/2" |



**TAKE OFF
WITH FIXING POINT**

5410

| PART NUMBER | TUBE OD | THREAD |
|--------------|---------|--------|
| rML241020012 | 20 mm | 1/2" |
| rML241025012 | 25 mm | 1/2" |



**ANGLED TAKE OFF
WITH FIXING POINT**

5410

| PART NUMBER | TUBE OD | THREAD |
|--------------|---------|--------|
| rML231020012 | 20 mm | 1/2" |
| rML231025012 | 25 mm | 1/2" |



**TAKE OFF
WITHOUT FIXING POINT**

5410

| PART NUMBER | TUBE OD | THREAD |
|--------------|---------|--------|
| rML214020012 | 20 mm | 1/2" |
| rML214025012 | 25 mm | 1/2" |



5410

TWIN TAKE OFF COUPLINGS BSPP FEMALE

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|-----------|
| rR208025040 | 25 mm | 1/2" BSPP |
| rR208032040 | 32 mm | 1/2" BSPP |
| rR208040040 | 40 mm | 1/2" BSPP |
| rR208050063 | 50 mm | 1" BSPP |
| rR208063063 | 63 mm | 1" BSPP |



5410

THREADED TAKE OFF SADDLE BSPP FEMALE

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|-----------|
| rQSB2012 | 20 mm | 1/2" BSPP |
| rQSB2512 | 25 mm | 1/2" BSPP |
| rQSB2534 | 25 mm | 3/4" BSPP |
| rQSB3212 | 32 mm | 1/2" BSPP |
| rQSB3234 | 32 mm | 3/4" BSPP |
| rQSB4012 | 40 mm | 1/2" BSPP |
| rQSB4034 | 40 mm | 3/4" BSPP |
| rQSB5012 | 50 mm | 1/2" BSPP |
| rQSB5034 | 50 mm | 3/4" BSPP |
| rQSB6312 | 63 mm | 1/2" BSPP |
| rQSB6334 | 63 mm | 3/4" BSPP |



5410

TERMINAL BLOCKS MAX 16 BAR BSPP FEMALE

| PART NUMBER | INLET | OUTLET |
|-------------|---------------|---------------|
| rR243012038 | 1 x 1/2" BSPP | 1 x 3/8" BSPP |
| rR243012012 | 2 x 1/2" BSPP | 1 x 3/8" BSPP |
| rR241012001 | 1/2" BSPP | 1 x 1/2" BSPP |
| rR241012002 | 1/2" BSPP | 2 x 1/2" BSPP |
| rR241012003 | 1/2" BSPP | 3 x 1/2" BSPP |
| rR241034001 | 3/4" BSPP | 1 x 1/2" BSPP |
| rR241034002 | 3/4" BSPP | 2 x 1/2" BSPP |
| rR241034003 | 3/4" BSPP | 3 x 1/2" BSPP |
| rR231012012 | 1/2" BSPP | 4 x 1/2" BSPP |
| rR231034012 | 3/4" BSPP | 4 x 1/2" BSPP |



5410

MANUAL CONDENSATE DRAIN

| PART NUMBER | FOR USE WITH |
|-------------|-----------------------------|
| r089800350 | R241 / R321 terminal blocks |



5410

AUTOMATIC CONDENSATE DRAIN

| PART NUMBER | CONNECTION |
|-------------|----------------|
| rR223014000 | 1/4" automatic |



5410

GRIPPING O-RING

| PART NUMBER | TUBE OD |
|-------------|---------|
| rR216020000 | 20 mm |
| rR216025000 | 25 mm |
| rR216032000 | 32 mm |
| rR216040000 | 40 mm |
| rR216050000 | 50 mm |
| rR216063000 | 63 mm |



5410

FLEXIBLE TUBE 500 MM LENGTH

| PART NUMBER | THREAD |
|-------------|-------------|
| rR226012500 | 1/2" BSPP |
| rR226034500 | 3/4" BSPP |
| rR226001500 | 1" BSPP |
| rR226114500 | 1 1/4" BSPP |
| rR226112500 | 1 1/2" BSPP |
| rR226002500 | 2" BSPP |



5410

FLEXIBLE TUBE 1.5 METRE FLEXIBLE BSPP MALE

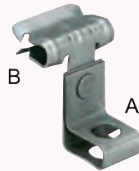
| PART NUMBER | THREAD |
|-------------|-------------|
| rR227012150 | 1/2" BSPP |
| rR227034150 | 3/4" BSPP |
| rR227001150 | 1" BSPP |
| rR227114150 | 1 1/4" BSPP |
| rR227112150 | 1 1/2" BSPP |
| rR227002150 | 2" BSPP |



CLAMPS

5410

| PART NUMBER | SIZE |
|-------------|------|
| rR230000001 | M6 |



5410

CLAMPS

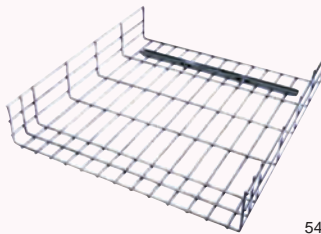
| PART NUMBER | Ø SIZE A | RANGE B |
|-------------|----------|------------|
| rR233000001 | 11 mm | 3 – 8 mm |
| rR233000002 | 11 mm | 8 – 14 mm |
| rR233000003 | 11 mm | 14 – 20 mm |



5410

CLAMPS

| PART NUMBER | SIZE |
|-------------|------|
| rR234000001 | 9 mm |
| rR234000002 | M8 |



5410

SUPPORTING GRID 5 MM

| PART NUMBER | LENGTH | HEIGHT |
|-------------|--------|----------|
| rR090305000 | 306 mm | 104.5 mm |
| rR090505000 | 546 mm | 104.5 mm |



5410

COUPLING KIT

| PART NUMBER | FOR USE WITH |
|-------------|-----------------|
| rR090080100 | Supporting Grid |



5410

WALL MOUNTING BRACKET

| PART NUMBER | SIZE |
|-------------|--------|
| rR228170000 | 170 mm |
| rR228320000 | 320 mm |
| rR228520000 | 520 mm |



5410

COLLAR WITH SCREW M8/10

| PART NUMBER | TUBE OD |
|-------------|---------|
| rR240020000 | 20 mm |
| rR240025000 | 25 mm |
| rR240032000 | 32 mm |
| rR240040000 | 40 mm |
| rR240050000 | 50 mm |
| rR240063000 | 63 mm |



5410

SCREW

| PART NUMBER | SIZE |
|-------------|------|
| rR230000000 | M8 |



5410

THREADED HOSE COUPLING

| PART NUMBER | SIZE | LENGTH |
|-------------|------|--------|
| rR230000003 | M8 | 30 mm |



5410

THREADED ROD GALVANISED

| PART NUMBER | SIZE | LENGTH |
|-------------|------|---------|
| rR230000006 | M8 | 1000 mm |



5410

THREADED NUT

| PART NUMBER | SIZE | LENGTH |
|-------------|------|--------|
| rR230000004 | M8 | 6.5 mm |



5410

WASHER

| PART NUMBER | DESCRIPTION |
|-------------|---------------|
| rR230000005 | 2 mm x 8.5 mm |

Do you also need?

PARKAIR®

**M10 – M12
Screwed rod**



Find it on page 801, section thirteen



5410

COLLAR

| PART NUMBER | TUBE OD |
|-------------|---------|
| rR244020000 | 20 mm |
| rR244025000 | 25 mm |
| rR244032000 | 32 mm |
| rR244040000 | 40 mm |
| rR244050000 | 50 mm |
| rR244063000 | 63 mm |



5410

SPACER

| PART NUMBER | TUBE OD | DIMENSIONS |
|-------------|---------|-----------------|
| rR244000010 | 9 mm | 36 x 36 x 10 mm |



5410

SPACERS

FOR TERMINAL BLOCKS

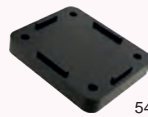
| PART NUMBER | DIMENSIONS |
|-------------|-----------------|
| rR242000010 | 85 x 65 x 10 mm |
| rR242000013 | 85 x 65 x 13 mm |
| rR242000020 | 85 x 65 x 20 mm |



5410

SPACER

| PART NUMBER | TUBE OD | DIMENSIONS |
|-------------|---------|--------------------|
| rR244000020 | 5.2 mm | 35 x 12.8 x 5.8 mm |



5410

SPACER

FOR 243 TERMINAL BLOCK

| PART NUMBER | DIMENSIONS |
|-------------|----------------|
| rR243000009 | 65 x 52 x 9 mm |

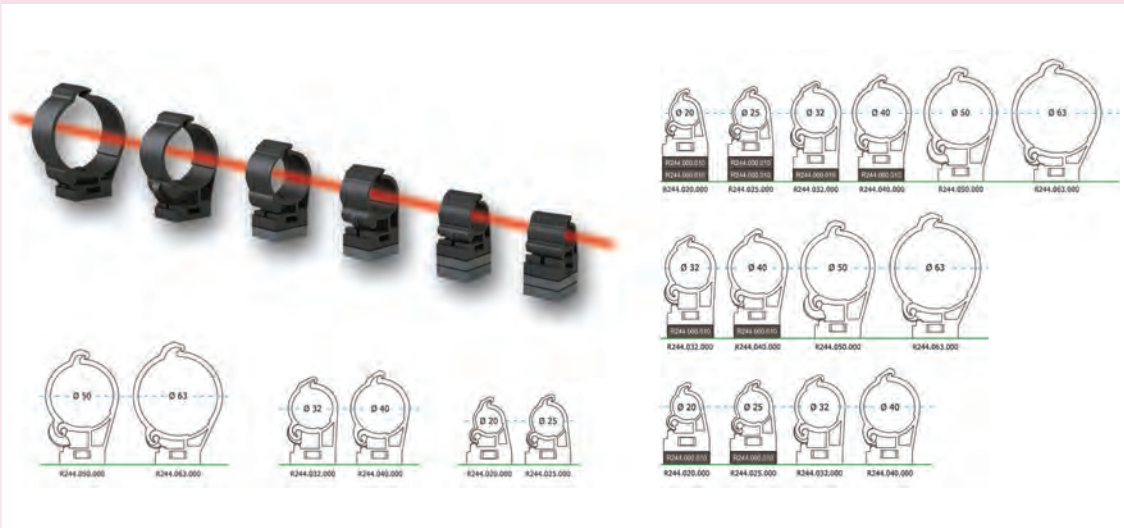


5410

EPDM INSERT

| PART NUMBER | DIMENSIONS |
|-------------|---------------|
| rR244000030 | 9 x 36 x 2 mm |

COMBINATION OF DIFFERENT DIAMETERS





LOCKING SPANNERS FOR COUPLING RINGS

5410

| PART NUMBER | TUBE OD | LENGTH |
|-------------|---------|--------|
| rR235020000 | 20 mm | 170 mm |
| rR235025000 | 25 mm | 210 mm |
| rR235032000 | 32 mm | 210 mm |
| rR235040000 | 40 mm | 240 mm |
| rR235050000 | 50 mm | 280 mm |
| rR235063000 | 63 mm | 320 mm |



LOCKING SPANNERS FOR FITTING BODY

5410

| PART NUMBER | TUBE OD | LENGTH |
|-------------|---------|--------|
| rR236020000 | 20 mm | 170 mm |
| rR236025000 | 25 mm | 210 mm |
| rR236032000 | 32 mm | 210 mm |
| rR236040000 | 40 mm | 240 mm |
| rR236050000 | 50 mm | 280 mm |
| rR236063000 | 63 mm | 320 mm |



PRESSURISED DRILLING TOOL

5410

| PART NUMBER | SIZE |
|-------------|------|
| rR208012040 | 1/2" |
| rR208001063 | 1" |



DRILLING TOOL

5410

| PART NUMBER | DESCRIPTION |
|-------------|--------------------|
| rR208012000 | Kit drilling 1/2" |
| rR208012012 | Drilling bush 1/2" |
| rR208001020 | Drilling bush 1" |



DEBURRING CONE

5410

| PART NUMBER | DESCRIPTION |
|-------------|-------------|
| rCONE050 | Up to 50 mm |



DEBURRING TOOL

5410

| PART NUMBER | DESCRIPTION |
|-------------|----------------|
| rR230000007 | Deburring tool |



ADJUSTABLE REAMER

5410

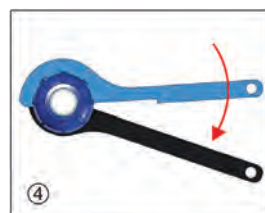
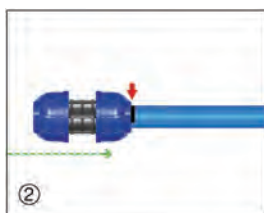
| PART NUMBER | DESCRIPTION |
|-------------|-------------|
| rTEMPE50315 | 50 – 63 mm |

Measure insertion length

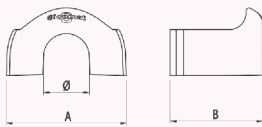
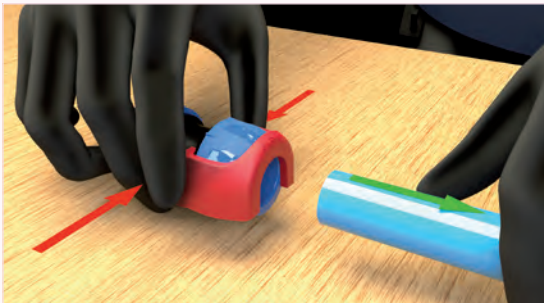
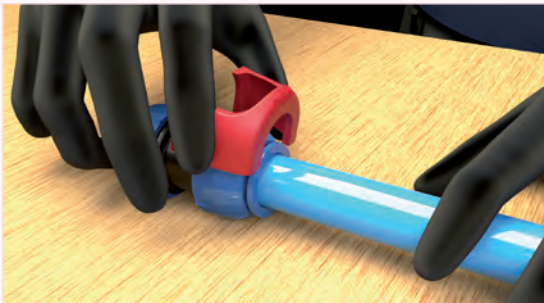
Insert fitting to the mark

Position spanner on coupling ring
& fitting body

Locking of the fitting



RELEASE TOOL



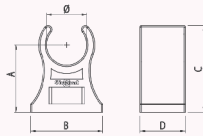
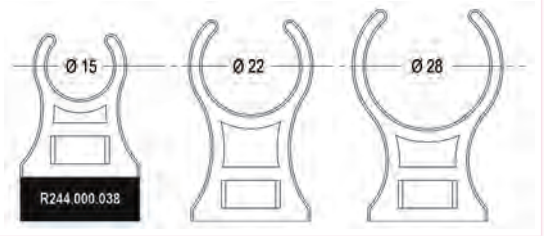
RELEASE TOOL

5410

| PART NUMBER | TUBE OD | DIMENSIONS A x B |
|-------------|---------|------------------|
| rR235015000 | 15 mm | 40 mm x 31 mm |
| rR235022000 | 22 mm | 52 mm x 34 mm |
| rR235028000 | 28 mm | 59 mm x 39 mm |

PIPE CLIPS & SPACERS

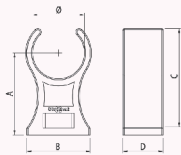
COMBINATION OF DIFFERENT DIAMETERS



5410

PIPE CLIP
15 MM

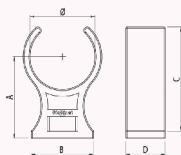
| PART NUMBER | TUBE OD | DIMENSIONS A x B x C x D |
|-------------|---------|-----------------------------|
| rR244015000 | 15 mm | 25 x 27 x 30 x 17 mm |



5410

PIPE CLIP
22 MM

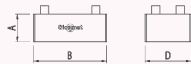
| PART NUMBER | TUBE OD | DIMENSIONS A x B x C x D |
|-------------|---------|-----------------------------|
| rR244022000 | 22 mm | 35 x 27 x 42 x 17 mm |



5410

PIPE CLIP
28 MM

| PART NUMBER | TUBE OD | DIMENSIONS A x B x C x D |
|-------------|---------|-----------------------------|
| rR244028000 | 28 mm | 35 x 27 x 45 x 17 mm |



5410

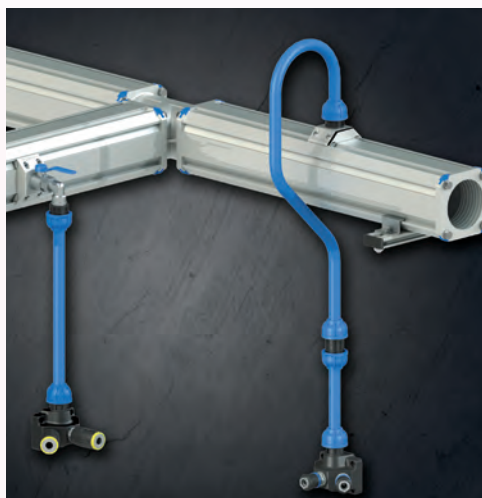
PIPE CLIP SPACER

| PART NUMBER | DIMENSIONS A x B x D |
|-------------|-------------------------|
| rR244000038 | 10 x 27 x 17 mm |

Aluminium Profiles & Fittings for Compressed Air Applications – 80/110 Diameter

The System

- Speed & simple installation
- Easy fit hinges
- Low maintenance
- High safety
- Reduced pressure drop
- Corrosion resistance
- Reusable
- Fire resistance
- UV resistance
- Good shock resistance
- No welding



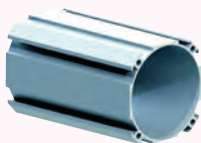
PIPE SPECIFICATIONS

| | |
|--------------|--|
| Material | Aluminium EN AW-6063 T6 |
| Paint | RAL 5015 & 7001 electrostatic painting |
| Suitable for | Compressed air |
| Temperature | -20°C to +70°C |
| Pressure | -0.8 to +16 bar |

FITTING SPECIFICATIONS

| | |
|--------------|-----------------------|
| Body | EN AB 46100 aluminium |
| Sealing | NBR O-ring |
| Suitable for | Compressed air |
| Temperature | -20°C to +70°C |
| Pressure | -0.8 to +12.5 bar |

ALUMINIUM PROFILE MODULAR LINES



5400

ANODISED ALUMINIUM PROFILE 6 METRE LENGTH

| PART NUMBER | TUBE OD | TUBE ID |
|---------------|---------|---------|
| rAR085085806 | 85 mm | 80 mm |
| rAR1151151106 | 115 mm | 110 mm |

Carriage for
6 metre lengths
charged at cost

Please ask for
details

ALUMINIUM PROFILE FITTINGS



5410

STRAIGHT CONNECTOR

| PART NUMBER | TUBE OD |
|--------------|---------|
| rAR210080080 | 80 mm |
| rAR210110110 | 110 mm |



5410

ELBOW CONNECTOR

| PART NUMBER | TUBE OD |
|--------------|---------|
| rAR213080080 | 80 mm |
| rAR213110110 | 110 mm |



5410

TEE CONNECTOR

| PART NUMBER | TUBE OD |
|--------------|---------|
| rAR214080080 | 80 mm |
| rAR214110110 | 110 mm |



5410

FIXED ANCHOR BRACKET

| PART NUMBER | FOR USE WITH |
|--------------|--------------|
| rAR085085100 | Sico80 |
| rAR115115100 | Sico110 |



5410

STRAIGHT EXPANSION JOINT

| PART NUMBER | TUBE OD |
|--------------|---------|
| rAR226060080 | 80 mm |
| rAR226110110 | 110 mm |



5410

ADJUSTABLE ANCHOR BRACKET

| PART NUMBER | FOR USE WITH |
|--------------|--------------|
| rAR085085200 | Sico80 |
| rAR115115200 | Sico110 |



5410

90° ELBOW EXPANSION JOINT

| PART NUMBER | TUBE OD |
|--------------|---------|
| rAR227080080 | 80 mm |
| rAR227110110 | 110 mm |



5410

CHAMFERING TOOL

| PART NUMBER | FOR USE WITH |
|--------------|--------------|
| rAR230110000 | Sico110 |



5410

WALL MOUNTING BRACKET

| PART NUMBER | FOR USE WITH |
|--------------|--------------|
| rAR228320000 | Sico80 |
| rAR238520000 | Sico110 |



5410

END PLATE FEMALE

| PART NUMBER | TUBE OD | THREAD |
|--------------|---------|--------|
| rAR201080002 | 80 mm | 2" |
| rAR201110003 | 110 mm | 3" |



5410

OUTLET PLATE

| PART NUMBER | TUBE OD | THREAD |
|--------------|---------|--------|
| rAR208080012 | 80 mm | 1/2" |
| rAR208110001 | 110 mm | 1" |
| rAR208110012 | 110 mm | 1/2" |



5410

CAP

| PART NUMBER | TUBE OD |
|--------------|---------|
| rAR221080000 | 80 mm |
| rAR221110000 | 110 mm |



SharkBite Ring Main System

Create An Efficient High Performance Solution

SharkBite offers an air and pneumatics push-fit range that makes pipe connections fast, simple, and reliable. The fittings are made of brass and come in sizes ranging from 10 to 54 mm, making them suitable for small and large commercial and industrial applications. These fittings can withstand high pressure and meet various system requirements. They can be used from the compressor to the point of use, and the range includes a 45° elbow for improved airflow.

The fittings use a simple push-fit action to instantly connect pipes without needing tools, silicone, hot works, solder, or glue. Additionally, the fittings can be disconnected with a secure demounting tool, making system extensions and modifications quick and easy.

SharkBite fittings are designed to grip anodised aluminium pipes securely and are compatible with powder-coated aluminium, copper, PEXa, and nylon pipes.

Features

- Engineered brass body
- Push-fit connection ends
- Tamperproof secure demounting tool
- Nitrile O-ring & stainless steel grab ring
- Suitable for air & vacuum applications up to 20 bar

Benefits

- Reliable leakproof solution that withstands high-pressure
- Instant, tool-free, push-fit connection with no hot works, silicone, solvent or glue
- Corrosion-free solution that extends equipment lifecycle & reduces maintenance
- Quick & easy system reconfiguration & extension, with minimal downtime
- Lightweight & easy to handle material
- A versatile solution that connects to metal or plastic pipe

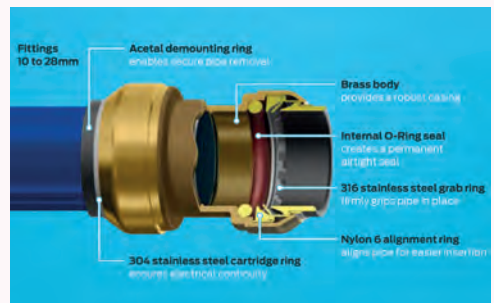
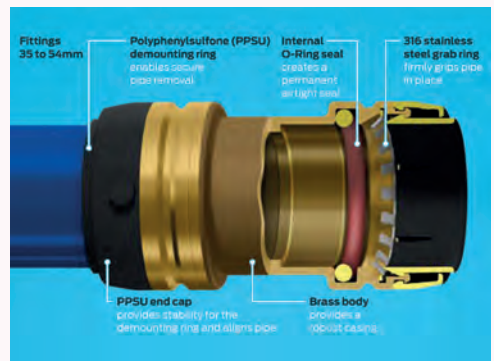
Air System Configuration

The SharkBite air & pneumatics system enables quick assembly from the compressor to the airline and the complete ring main and take-off points.

Specifications

| MATERIALS | |
|-----------------|-------------------------|
| Bodies | Brass |
| O-rings | Nitrile |
| Cartridge ring | 304 stainless steel |
| Grab ring | 316 stainless steel |
| TUBE TOLERANCES | |
| Size | 12 mm – 28 mm OD |
| Tolerance | -0.10 mm to +0.05 mm OD |

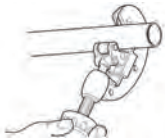
AN RWC BRAND
RWC



MAKING A CONNECTION

CONNECTING PUSH-FIT

Cutting the pipe



Cut the pipe square using a rotary pipe cutter & then deburr using a SharkBite depth / deburring tool. There should be no burrs or sharp edges on the pipe end as this can damage the O-ring during pipe insertion.

Measure the depth



Using the appropriate depth marker demounting clip or tape measure, mark the insertion depth onto the pipe.

Making the connection

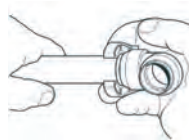


Align the pipe squarely with the fitting de-mounting ring & push the pipe into the fitting with a slight twist until the pipe reaches the pipe stop. If using plastic pipe, use a liner if specified by the pipe manufacturer.

Note: SharkBite fittings utilise a PTFE coated O-ring. This coating is semi-permanent & multiple pipe insertions / de-mountings will remove this coating, making pipe insertion harder.

DEMOUNTING PUSH-FIT

Demounting 10 – 28 mm with clip



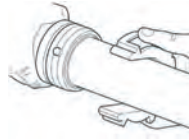
Holding the fitting in the palm of the hand, snap the demounting clip over the pipe, with the SharkBite logo away from the fitting. Slide the clip up to the demounting ring & press firmly on the two 'finger pads', while simultaneously twisting & pulling the pipe to release.

Demounting 10 – 28 mm with tongs



Position the tongs over the fitting & pipe with the SharkBite logo facing away from the fitting. Squeeze the tongs together, while gripping the pipe in the other hand, simultaneously twist & pull the pipe to remove, if necessary. Use the thumb as a lever to assist release.

Demounting 35 – 54 mm UXL



Snap the demounting clip over the pipe & locate the clip slots over the two studs in the end cap. Rotate the clip clockwise by 10° until it locks, then twist & pull the pipe from the fitting.

STANDARD FITTINGS

STRAIGHT COUPLING



2150

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGSBA0110 | 10 mm |
| JGSBA0115 | 15 mm |
| JGSBA0122 | 22 mm |
| JGSBA0128 | 28 mm |



2150

REDUCING COUPLING

| PART NUMBER | TUBE OD | TUBE OD |
|-------------|---------|---------|
| JGSBA012215 | 22 mm | 15 mm |
| JGSBA012822 | 28 mm | 22 mm |



2150

SLIP COUPLING

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGSBA01S15 | 15 mm |
| JGSBA01S22 | 22 mm |
| JGSBA01S28 | 28 mm |



2150

45° ELBOW

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGSBA0515 | 15 mm |
| JGSBA0522 | 22 mm |
| JGSBA0528 | 28 mm |

UXL FITTINGS

STRAIGHT COUPLING



2150

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGSBA0135E | 35 mm |
| JGSBA0142E | 42 mm |
| JGSBA0154E | 54 mm |



2150

REDUCING COUPLING

| PART NUMBER | TUBE OD | TUBE OD |
|--------------|---------|---------|
| JGSBA013528E | 35 mm | 28 mm |
| JGSBA014235E | 42 mm | 35 mm |
| JGSBA015442E | 54 mm | 42 mm |



2150

SLIP COUPLING

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGSBA01S35E | 35 mm |
| JGSBA01S42E | 42 mm |
| JGSBA01S54E | 54 mm |



2150

45° ELBOW

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGSBA0535E | 35 mm |
| JGSBA0542E | 42 mm |
| JGSBA0554E | 54 mm |

STANDARD FITTINGS

90° ELBOW



2150

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGSBA0215 | 15 mm |
| JGSBA0222 | 22 mm |
| JGSBA0228 | 28 mm |

EQUAL TEE



2150

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGSBA0315 | 15 mm |
| JGSBA0322 | 22 mm |
| JGSBA0328 | 28 mm |

REDUCING TEE



2150

| PART NUMBER | TUBE OD | TUBE OD |
|---------------|---------|---------|
| JGSBA0322215 | 22 mm | 15 mm |
| JGSBA03282815 | 28 mm | 15 mm |
| JGSBA03282822 | 28 mm | 22 mm |

BACKPLATE ELBOW BSPP FEMALE



2150

| PART NUMBER | TUBE OD | THREAD |
|----------------|---------|-----------|
| JGSBA121515FBP | 15 mm | 1/2" BSPP |
| JGSBA122220FBP | 22 mm | 3/4" BSPP |

BALL VALVES



2150

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGSBA2715 | 15 mm |
| JGSBA2722 | 22 mm |
| JGSBA2728 | 28 mm |

END STOP



2150

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGSBA0415 | 15 mm |
| JGSBA0422 | 22 mm |
| JGSBA0428 | 28 mm |

UXL FITTINGS

90° ELBOW



2150

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGSBA0235E | 35 mm |
| JGSBA0242E | 42 mm |
| JGSBA0254E | 54 mm |

EQUAL TEE



2150

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGSBA0335E | 35 mm |
| JGSBA0342E | 42 mm |
| JGSBA0354E | 54 mm |

REDUCING TEE



2150

| PART NUMBER | TUBE OD | TUBE OD |
|----------------|---------|---------|
| JGSBA03353522E | 35 mm | 22 mm |
| JGSBA03353528E | 35 mm | 28 mm |
| JGSBA03424222E | 42 mm | 22 mm |
| JGSBA03424228E | 42 mm | 28 mm |
| JGSBA03424235E | 42 mm | 35 mm |
| JGSBA03545428E | 54 mm | 28 mm |
| JGSBA03545435E | 54 mm | 35 mm |
| JGSBA03545442E | 54 mm | 42 mm |

BALL VALVES



2150

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGSBA2735E | 35 mm |
| JGSBA2742E | 42 mm |
| JGSBA2754E | 54 mm |

END STOP



2150

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGSBA0435E | 35 mm |
| JGSBA0442E | 42 mm |
| JGSBA0454E | 54 mm |

STANDARD FITTINGS

STRAIGHT CONNECTOR BSPT MALE



| PART NUMBER | TUBE OD | THREAD |
|---------------|---------|-----------|
| JGSBA111515MT | 15 mm | 1/2" BSPT |
| JGSBA112220MT | 22 mm | 3/4" BSPT |
| JGSBA112825MT | 28 mm | 1" BSPT |

STRAIGHT CONNECTOR BSPP FEMALE



| PART NUMBER | TUBE OD | THREAD |
|--------------|---------|-----------|
| JGSBA112220F | 22 mm | 3/4" BSPP |

UXL FITTINGS

STRAIGHT CONNECTOR BSPT MALE



| PART NUMBER | TUBE OD | THREAD |
|---------------|---------|-------------|
| JGSBA113532ME | 35 mm | 1 1/4" BSPT |
| JGSBA114240ME | 42 mm | 1 1/2" BSPT |
| JGSBA115450ME | 54 mm | 2" BSPT |

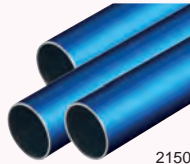
STRAIGHT CONNECTOR BSPP FEMALE



| PART NUMBER | TUBE OD | THREAD |
|---------------|---------|-------------|
| JGSBA113532FE | 35 mm | 1 1/4" BSPP |
| JGSBA114240FE | 42 mm | 1 1/2" BSPP |
| JGSBA115450FE | 54 mm | 2" BSPP |

TUBE & ACCESSORIES

Note: Tube working pressures are dependent on fittings used, please contact your distributor for further information



ANODISED ALUMINIUM TUBE STANDARD

| PART NUMBER | 15mm | 20mm | 25mm | 32mm |
|--------------------|------|------|------|------|
| JGAL-IR1513-3M-20B | 15 | 13 | 3 | 20 |
| JGAL-IR2220-3M-20B | 22 | 20 | 3 | 20 |
| JGAL-IR2826-3M-10B | 28 | 26 | 3 | 20 |

UXL

| | | | | |
|-------------------|----|----|---|----|
| JGAL-IR3531-3M-5B | 35 | 31 | 3 | 20 |
| JGAL-IR4238-3M-5B | 42 | 38 | 3 | 20 |
| JGAL-IR5450-3M-5B | 54 | 50 | 3 | 20 |



PIPE CLIPS

| PART NUMBER | TUBE OD |
|--------------|--------------------|
| JGSBA0855515 | 14 – 16 mm |
| JGSBA0855518 | 16 – 20 mm |
| JGSBA0855522 | 20 – 23 mm |
| JGSBA0855531 | 28 – 32 mm |
| JGSBA0855538 | 35 – 40 mm |
| JGSBA0855542 | 40 – 44 mm |
| JGSBA0855554 | 48 – 55 mm |
| JGSBA0855310 | 10 mm Spacer block |

DEPTH MARKER DEMOUNTING CLIP



| PART NUMBER | TUBE OD |
|-------------|---------|
| JGSB2915 | 15 mm |
| JGSB2922 | 22 mm |
| JGSB2928 | 28 mm |

DEMOUNTING CLIP FOR UXL FITTINGS



| PART NUMBER | TUBE OD |
|-------------|---------|
| JGUXLDC35 | 35 mm |
| JGUXLDC41 | 42 mm |
| JGUXLDC54 | 54 mm |

DEMOUNTING TONGS



| PART NUMBER | TUBE OD |
|-------------|---------|
| JGSB3015 | 15 mm |
| JGSB3022 | 22 mm |
| JGSB3028 | 28 mm |

DEPTH / DEBURRING TOOL



| PART NUMBER | TUBE OD |
|-------------|------------|
| JGUXLG03 | 35 – 54 mm |

Do you also need?



John Guest

Brass stem adaptors



Converts push-fit end to male / female thread

Find it on page 784, section thirteen



John Guest Ring Main System

Make Reliable Connections the Fast and Simple Way

John Guest's range of air and pneumatic push-fit fittings and pipes are designed to ensure quick and easy installation while guaranteeing airtight pipe connections. Their fittings are available in sizes ranging from 3 to 28 mm and are sturdy enough to meet the demands of small to mid-size applications such as garages and other commercial air piping systems.

What sets John Guest apart is their rapid assembly process that eliminates the need for tools, threaded pipes, solvent and glue. With a simple push-fit action, their unique collet locking design firmly and securely holds the pipe in place without deforming it or restricting flow. This feature makes their air systems easy to extend or alter and reduces maintenance and production downtime as fittings are fully demountable without using tools.

John Guest's fittings are available in rigid engineered plastic or brass. They also offer a unique water trap that removes moisture from the airline to improve system performance and longevity. Their versatile solution is designed to work with nylon, powder-coated aluminium pipe, or LLDPE pipe, and it is also compatible with copper, PEXa, and other soft metal pipes.

Features

- Acetal copolymer or brass fittings
- Push-fit connection ends
- Demountable design without using tools
- Secure collet cover to prevent accidental disconnection
- NBR O-ring & collet with stainless steel teeth
- Suitable for air & vacuum applications up to 10 bar

Benefits

- Reliable leakproof solution that grips before it seals
- Instant, tool-free push-fit connection
- Corrosion-free solution that extends equipment lifecycle & reduces maintenance
- Fast and straightforward system alterations or extensions with minimal downtime
- Lightweight & easy to handle material
- A versatile solution that connects to metal or plastic pipe

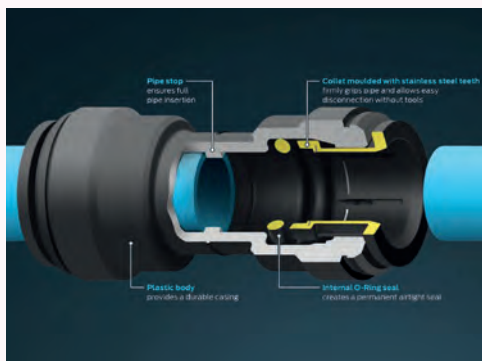
Air System Configuration

The John Guest air & pneumatics system enables quick assembly from the compressor to the airline, including the complete ring main and take-off points.

Specifications

| MATERIALS | |
|-----------------|---|
| Bodies | Acetal copolymer |
| O-rings | NBR |
| Collets | Acetal copolymer with stainless steel teeth |
| TUBE TOLERANCES | |
| Size | 12 mm to 28 mm OD |
| Tolerance | -0.10 mm to +0.05 mm OD |

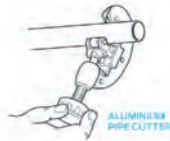
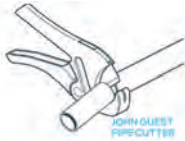
AN RWC BRAND
RWC



MAKING A CONNECTION

CONNECTING PUSH-FIT

Cutting the pipe



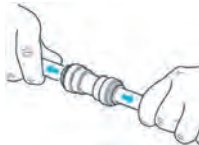
Cut the pipe square. Ideally use a John Guest pipe cutter for rigid nylon pipe & aluminium pipe cutters for aluminium pipe. To avoid damage to the O-ring remove any burrs & sharp edges.

Making the push-fit connection



Push the pipe up to the pipe stop.

Check the connection is secure



Pull to check a secure connection is made. Test the system before use.

DEMOUNTING PUSH-FIT

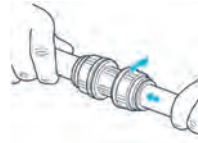
Demounting push-fit fittings



To disconnect, ensure the system is depressurised. Push the collet towards the fitting & remove the pipe. Fittings are reusable.

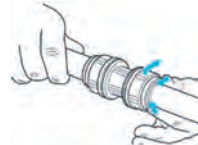
CONNECTING & DEMOUNTING SCREW CAP

Connecting screw cap fittings



After inserting the pipe, a 1/4 turn of the screw cap locks the collet in place & reduces lateral & sideways movement of the pipe.

Demounting screw cap fittings



To disconnect, 1/4 turn the screw cap, push the collet & remove the pipe. Fittings are reusable.

Note: Whilst we recommend the use of John Guest rigid nylon pipe, John Guest fittings can also be used with copper or aluminium pipe.



STRAIGHT CONNECTOR BSPP MALE WITH O-RING THREAD SEAL



2110

| PART NUMBER | TUBE OD | THREAD |
|--------------|---------|-----------|
| JGPM011513E | 15 mm | 3/8" BSPP |
| JGPM011514E | 15 mm | 1/2" BSPP |
| JGPM011516E* | 15 mm | 3/4" BSPP |
| JGPM011814E | 18 mm | 1/2" BSPP |
| JGPM012216E | 22 mm | 3/4" BSPP |
| JGPM012818E | 28 mm | 1" BSPP |

* No thread seal



STEM ADAPTOR BSPP MALE WITH O-RING THREAD SEAL



2110

| PART NUMBER | STEM OD | THREAD |
|-------------|---------|-----------|
| JGPM051513E | 15 mm | 3/8" BSPP |
| JGPM051514E | 15 mm | 1/2" BSPP |
| JGPM051814E | 18 mm | 1/2" BSPP |
| JGPM052214E | 22 mm | 1/2" BSPP |
| JGPM052216E | 22 mm | 3/4" BSPP |

Converts push-fit ends to male thread



STRAIGHT CONNECTOR



2110

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGPM0415E | 15 mm |
| JGPM0418E | 18 mm |
| JGPM0422E | 22 mm |
| JGPM0428E | 28 mm |



REDUCER



2110

| PART NUMBER | STEM OD | TUBE OD |
|-------------|---------|---------|
| JGPM061510E | 15 mm | 10 mm |
| JGPM061512E | 15 mm | 12 mm |
| JGPM061815E | 18 mm | 15 mm |
| JGPM062215E | 22 mm | 15 mm |
| JGPM062218E | 22 mm | 18 mm |
| JGPM062815E | 28 mm | 15 mm |
| JGPM062822E | 28 mm | 22 mm |

Do you also need?



12 mm fittings



Find it on pages 537 – 540, section eight



EQUAL TEE



2110

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGPM0215E | 15 mm |
| JGPM0218E | 18 mm |
| JGPM0222E | 22 mm |
| JGPM0228E | 28 mm |



EQUAL ELBOW



2110

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGPM0315E | 15 mm |
| JGPM0318E | 18 mm |
| JGPM0322E | 22 mm |
| JGPM0328E | 28 mm |



STEM ELBOW



2110

| PART NUMBER | TUBE OD | STEM OD |
|-------------|---------|---------|
| JGPM221515E | 15 mm | 15 mm |
| JGPM221818E | 18 mm | 18 mm |
| JGPM222222E | 22 mm | 22 mm |

Provides a swivel-type connector



REDUCING TEE



2110

| PART NUMBER | TUBE OD ENDS | TUBE OD BRANCH |
|-------------|--------------|----------------|
| JGPM3018AE | 18 mm | 15 mm |
| JGPM3022AE | 22 mm | 15 mm |



WATER TRAP TEE



2110

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGPMTT22E | 22 mm |

The easy alternative to installing a 'Swan Neck'



U-BEND



2110

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGPMUB15E | 15 mm |



END STOP



2110

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGPM4612E | 12 mm |
| JGPM4615E | 15 mm |
| JGPM4622E | 22 mm |

BRASS COMPRESSED AIR FITTINGS

BRASS WINGBACK ELBOW

BSPP FEMALE



2110

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|-----------|
| JGPM15WB | 15 mm | 1/2" BSPP |
| JGPM22WB | 22 mm | 3/4" BSPP |

BRASS STEM ADAPTOR

BSPT MALE



2110

| PART NUMBER | STEM OD | THREAD |
|-------------|---------|-----------|
| JGMM051504N | 15 mm | 1/2" BSPT |
| JGMM052206N | 22 mm | 3/4" BSPT |
| JGMM052818N | 28 mm | 1" BSPT |

NPT MALE

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|----------|
| JGMM052226N | 22 mm | 3/4" NPT |
| JGMM052228N | 22 mm | 1" NPT |
| JGMM052828N | 28 mm | 1" NPT |

Converts push-fit ends to male thread

BRASS STEM ADAPTOR

FEMALE THREAD



2110

| PART NUMBER | STEM OD | THREAD |
|-------------|---------|-----------|
| JGMM501514N | 15 mm | 1/2" BSPP |
| JGMM502216N | 22 mm | 3/4" BSPP |

Converts push-fit ends to female thread

WATER TRAP TEE CONVERTOR



2110

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGWTCT28 | 28 mm |

Converts a 28 mm tee to a water trap tee

BRASS STRAIGHT ADAPTOR

BSPT MALE



2110

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|-----------|
| JGMM011504N | 15 mm | 1/2" BSPT |
| JGMM012206N | 22 mm | 3/4" BSPT |
| JGMM012808N | 28 mm | 1" BSPT |



PORTING BLOCK

| PART NUMBER | CONNECTIONS |
|-------------|-------------|
| JG-L-WSK | 5 x 1/2" |

Supplied with blanking plugs



TUBE CUTTER LIGHT DUTY

| PART NUMBER | DESCRIPTION |
|-------------|-------------|
| JGTSNIP | Tube cutter |
| JGBLADENIP | Blade |

For up to & including 12 mm pipe



ALUMINIUM WALL BOX

| PART NUMBER | SIZE |
|-------------|------|
| JGWALLBOX4 | 1/2" |
| JGWALLBOX5 | 3/4" |

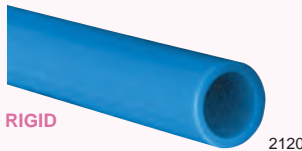
1/2" or 3/4" female thread on the top
Both products have 3 x 1/2" female threads on the side
Supplied with blanking plugs



PIPE CUTTER HEAVY DUTY

| PART NUMBER | DESCRIPTION |
|-------------|-------------|
| JGHDC | Pipe cutter |

For up to & including 28 mm pipe



JOHN GUEST LIGHT BLUE RIGID NYLON TUBE

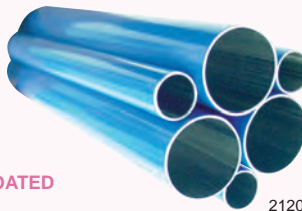
| PART NUMBER | 1/2" | 3/4" | 1" | 1 1/2" |
|-------------|------|------|----|--------|
| JGPARM1209 | 12 | 9 | 3 | 14 |
| JGPARM1512 | 15 | 12 | 3 | 14 |
| JGPARM1814 | 18 | 14 | 3 | 14 |
| JGPARM2218 | 22 | 18 | 3 | 14 |
| JGPARM2823 | 28 | 23 | 3 | 14 |



PIPE CUTTER MEDIUM DUTY

| PART NUMBER | DESCRIPTION |
|-------------|------------------------|
| JGJGTS | Disposable pipe cutter |

For up to & including 22 mm pipe



JOHN GUEST POWDER COATED ALUMINIUM TUBE

| PART NUMBER | 1/2" | 3/4" | 1" | 1 1/2" |
|-------------|------|------|----|--------|
| JGAL-RM1513 | 15 | 13 | 3 | 20 |
| JGAL-RM1816 | 18 | 16 | 3 | 20 |
| JGAL-RM2220 | 22 | 20 | 3 | 20 |
| JGAL-RM2826 | 28 | 26 | 3 | 20 |

Note:
Pipe working pressures
are dependent
on fittings used,
please contact your
distributor for further
information



PLUG



2110

| PART NUMBER | STEM OD | COLOUR |
|-------------|---------|--------|
| JGPM0815E | 15 mm | Black |
| JGPM0818E | 18 mm | Black |
| JGPM0822E | 22 mm | Black |
| JGPM0828E | 28 mm | Black |



FLOW BEND CLIP



2110

| PART NUMBER | TUBE OD | METRIC EQ. |
|-------------|---------|------------|
| JGPM2608S | 5/16" | 8 mm |
| JGPM2610S | 3/8" | 10 mm |

Designed to support pipe & eliminate kinking



PIPE CLIP



2110

| PART NUMBER | TUBE OD |
|-------------|-------------------|
| JGPM15TPC | 15 mm |
| JGPM18TPC | 18 mm |
| JGPM22TPC | 22 mm |
| JGPM28TPC | 28 mm |
| JGPMPCS | Pipe clip spacers |

RELEASE AID



2110

| PART NUMBER | TUBE OD |
|-------------|---------|
| JG15RA | 15 mm |
| JG22RA | 22 mm |
| JG28RA | 28 mm |



LOCKING CLIP



2110

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGPIC1808R | 1/4" |
| JGPIC1812R | 3/8" |
| JGPMC1815R | 15 mm |

Secures the collet in its position to prevent an accidental disconnection of the pipe

COLLET LOCKING TOOL



2110

| PART NUMBER | SIZE |
|-------------|---------------|
| JGICLT/2 | 3/16" to 1/2" |

COLLET COVERS

The slip-on collet cover prevents accidental pipe removal or tampering. The pipe can be inserted with the collet cover already attached to the fittings or the cover can slide into position afterwards. The cover is easily removed when required & comes in a variety of colours for colour coding.



COLLET COVERS METRIC



2110

| PART NUMBER | TUBE OD | COLOUR |
|-------------|---------|--------|
| JGPM1904E | 4 mm | Black |
| JGPM1905E | 5 mm | Black |
| JGPM1906E | 6 mm | Black |
| JGPM1908E | 8 mm | Black |
| JGPM1910E | 10 mm | Black |
| JGPM1912E | 12 mm | Black |
| JGPM1915E | 15 mm | Black |
| JGPM1918E | 18 mm | Black |
| JGPM1922E | 22 mm | Black |



COLLET COVERS IMPERIAL



2110

| PART NUMBER | TUBE OD | COLOUR |
|-------------|---------|--------|
| JGPM1904S | 5/32" | Grey |
| JGPI1906S | 3/16" | Grey |
| JGPI1908S | 1/4" | Grey |
| JGPI1908G | 1/4" | Green |
| JGPI1908R | 1/4" | Red |
| JGPI1908Y | 1/4" | Yellow |
| JGPM1908S | 5/16" | Grey |
| JGPI1912S | 3/8" | Grey |
| JGPI1912B | 3/8" | Blue |
| JGPI1912G | 3/8" | Green |
| JGPI1912R | 3/8" | Red |
| JGPI1912Y | 3/8" | Yellow |
| JGPI1916S | 1/2" | Grey |

● Items marked: minimum quantities may apply
Please ask at time of order

Tube & Fittings for Nitrogen Applications

Applications

- Ideal for transporting nitrogen, widely used in car repair workshops & assembly lines
- Compressed air
- Vacuum

Benefits

- Easy & quick to install
- Reduced pressure drop
- Corrosion resistance
- Fire resistance
- UV resistance
- Good shock resistance
- No welding



TUBE SPECIFICATIONS

| | |
|-------------------|----------------------------------|
| Material | EN AW-6060 T6 aluminium |
| Treatment | Internal & external chromatising |
| Paint | RAL 6018 electrostatic painting |
| Temperature range | -20°C to +70°C (-4°F to +158°F) |
| Pressure | -0.8 to 15 bar |

FITTING SPECIFICATIONS

| | |
|-------------------|---------------------------------|
| Body | Black nylon |
| Coupling ring | Green nylon |
| Cutting ring | 301 stainless steel |
| Sealing | NBR O-ring |
| Temperature range | -20°C to +70°C (-4°F to +158°F) |
| Pressure | -0.6 to 12.5 bar |

TUBE FOR NITROGEN



ALUMINIUM TUBE 6 METRE LENGTH

5400

| PART NUMBER | TUBE OD | TUBE ID | FLOW RATE @ 7 BAR |
|---------------|---------|---------|----------------------|
| r059025022-6V | 25 mm | 22 mm | 2727 l/min |
| r059040037-6V | 40 mm | 37 mm | 10054 l/min |

3 METRE LENGTH

| | | | |
|---------------|-------|-------|-------------|
| r059025022-3V | 25 mm | 22 mm | 2727 l/min |
| r059040037-3V | 40 mm | 37 mm | 10054 l/min |

180° BEND



5410

| PART NUMBER | TUBE OD |
|-------------|---------|
| r059025102V | 25 mm |



DROP BEND



5410

| PART NUMBER | TUBE OD |
|-------------|---------|
| r059025100V | 25 mm |

90° BEND



5410

| PART NUMBER | TUBE OD |
|-------------|---------|
| r059025101V | 25 mm |

'Z' BEND



5410

| PART NUMBER | TUBE OD |
|-------------|---------|
| r059025104V | 25 mm |

'S' BEND



5410

| PART NUMBER | TUBE OD |
|-------------|---------|
| r059025103V | 25 mm |

Carriage for
3 & 6 metre
lengths
charged at cost

Please ask for
details



5410

EQUAL UNION

| PART NUMBER | TUBE OD |
|-------------|---------|
| rA210025025 | 25 mm |
| rA210040040 | 40 mm |



5410

END CAP

| PART NUMBER | TUBE OD |
|-------------|---------|
| rA221025000 | 25 mm |
| rA221040000 | 40 mm |



5410

90° EQUAL ELBOW

| PART NUMBER | TUBE OD |
|-------------|---------|
| rA213025025 | 25 mm |
| rA213040040 | 40 mm |



5410

45° EQUAL ELBOW

| PART NUMBER | TUBE OD |
|-------------|---------|
| rA245025025 | 25 mm |
| rA245040040 | 40 mm |



5410

EQUAL TEE

| PART NUMBER | TUBE OD |
|-------------|---------|
| rA214025000 | 25 mm |
| rA214040000 | 40 mm |



5410

TEE FEMALE THREAD

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rA215025012 | 25 mm | 1/2" |
| rA215040001 | 40 mm | 1" |



5410

STRAIGHT CONNECTOR MALE

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rA211025012 | 25 mm | 1/2" |
| rA211025001 | 25 mm | 1" |
| rA211025034 | 25 mm | 3/4" |
| rA211040001 | 40 mm | 1" |
| rA211040114 | 40 mm | 1 1/4" |
| rA211040112 | 40 mm | 1 1/2" |



5410

ALUMINIUM STRAIGHT CONNECTOR FEMALE

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rA202025034 | 25 mm | 3/4" |
| rA202040114 | 40 mm | 1 1/4" |



5410

STRAIGHT CONNECTOR FEMALE

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rA201025034 | 25 mm | 3/4" |
| rA201040114 | 40 mm | 1 1/4" |



5410

COUPLING NUT

| PART NUMBER | TUBE OD |
|-------------|---------|
| rA209025000 | 25 mm |
| rA209040000 | 40 mm |



DRY AIR DROP TEE



5410

| PART NUMBER | TUBE OD | TUBE OD | TUBE OD |
|-------------|---------|---------|---------|
| rA247040025 | 40 mm | 25 mm | 40 mm |

REDUCING TEE



5410

| PART NUMBER | TUBE OD | TUBE OD | TUBE OD |
|-------------|---------|---------|---------|
| rA217040025 | 40 mm | 25 mm | 40 mm |

CONNECTION WITH JOINT 3 PIECES



5410

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rA220025034 | 25 mm | 3/4" |
| rA220025001 | 25 mm | 1" |
| rA220040114 | 40 mm | 1 1/4" |
| rA220040112 | 40 mm | 1 1/2" |

3 PIECE CONNECTOR WITH BALL VALVE



5410

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rA225025034 | 25 mm | 3/4" |
| rA225025001 | 25 mm | 1" |
| rA225040114 | 40 mm | 1 1/4" |
| rA225040112 | 40 mm | 1 1/2" |

STRAIGHT CONNECTOR WITH BALL VALVE



5410

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rA224025034 | 25 mm | 3/4" |
| rA224025001 | 25 mm | 1" |
| rA224040114 | 40 mm | 1 1/4" |
| rA224040112 | 40 mm | 1 1/2" |

END CAP WITH MINI BALL VALVE



5410

| PART NUMBER | TUBE OD |
|-------------|---------|
| rA249025034 | 25 mm |
| rA249040114 | 40 mm |

Do you also need?



Adhesives, cleaners & lubricators

Find it on pages 921 – 933, section fifteen

Tube & Fittings for Vacuum Applications

Features

Sicomat vacuum pipes and fittings offer a simple, cost-effective, and quick installation solution for central vacuum systems in auto repair shops and production lines. The system is based on an aluminium conduit, which is externally powder-coated (RAL 7040) and internally phosphochromatised. This conduit forms the basis of the Sicomat vacuum lines.

A 63 mm diameter strikes an optimal balance between system compactness and intake volumes. This diameter ensures extremely low friction coefficients inside the pipe, making it an efficient solution for the intended purpose.

The System

- Easy & rapid installation
- Reduced pressure drop
- Corrosion resistance
- Reusable
- Fire resistant
- UV resistant
- Good shock resistance
- No welding



PIPES SPECIFICATIONS

| | |
|-------------------|--------------------------------|
| Material | Aluminium EN AW-6060 T6 |
| Coating | RAL 7001 electrostatic coating |
| Temperature | -20°C to +70°C |
| Pressure | -0.8 to +15 bar |
| Compatible fluids | Compressed air vacuum nitrogen |

FITTINGS SPECIFICATIONS

| | |
|-------------------|--------------------------------|
| Body | Black nylon |
| Coupling ring | Grey nylon |
| Ring | 301 stainless steel |
| Sealing | NBR O-ring |
| Temperature | -20°C to +70°C |
| Pressure | -0.6 to +12.5 bar |
| Compatible fluids | Compressed air vacuum nitrogen |

TUBE FOR VACUUM



GREY ALUMINIUM TUBE
6 METRE LENGTH

5400

| PART NUMBER | TUBE OD | TUBE ID |
|--------------|---------|---------|
| r0590630596G | 63 mm | 59 mm |

FITTINGS FOR VACUUM

EQUAL UNION



5410

| PART NUMBER | TUBE OD |
|-------------|---------|
| rV210063063 | 63 mm |

EQUAL ELBOW



5410

| PART NUMBER | TUBE OD |
|-------------|---------|
| rV213063063 | 63 mm |

45° ELBOW



5410

| PART NUMBER | TUBE OD |
|-------------|---------|
| rV245063063 | 63 mm |

Carriage for
6 metre lengths
charged at cost

Please ask for
details



EQUAL TEE

| PART NUMBER | TUBE OD |
|-------------|---------|
| rV214063000 | 63 mm |



**TEE
FEMALE**

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rV215063002 | 63 mm | 2" |



**STRAIGHT COUPLING
MALE**

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rV211063002 | 63 mm | 2" |
| rV211063212 | 63 mm | 2 1/2" |



**ALUMINIUM STRAIGHT COUPLING
MALE**

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rV203063002 | 63 mm | 2" |



**STRAIGHT COUPLING
FEMALE**

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rV201063002 | 63 mm | 2" |



**ALUMINIUM STRAIGHT COUPLING
FEMALE**

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rV202063002 | 63 mm | 2" |



END CAP

| PART NUMBER | TUBE OD |
|-------------|---------|
| rV221063000 | 63 mm |



**STRAIGHT UNION COUPLING
3 PIECE**

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rV220063002 | 63 mm | 2" |
| rV220063212 | 63 mm | 2 1/2" |



**STRAIGHT UNION COUPLING
WITH BALL VALVE**

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rV224063002 | 63 mm | 2" |
| rV224063212 | 63 mm | 2 1/2" |



**STRAIGHT UNION COUPLING
3 PIECE WITH BALL VALVE**

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| rV225063002 | 63 mm | 2" |
| rV225063212 | 63 mm | 2 1/2" |



GREY NUT

| PART NUMBER | TUBE OD |
|-------------|---------|
| rV209063000 | 63 mm |

Do you also need?

Sicomat



Gripping O-ring

Available from
20 mm to 63 mm

Find it on page 771, section thirteen



PARKAIR® Malleable Cast Iron Fittings

Standard References

The characteristics of malleable cast iron threaded pipe fittings for water, gas, and other installations in this catalogue conform to the international ISO 49 and the European EN 10242 standards. Please note the most recent specification of fittings according to ISO 49 and EN 10242, the so-called 'design symbol.' This symbol describes the material and the form of the thread. The symbol 'A' designates the following product versions. The material used is high-quality white heart malleable cast iron according to EN 1562: EN-GJMw-400-5.

Quality Assurance

Our fittings are certified to withstand 40 bar of hydrostatic pressure according to DIN ISO 9001/2008.

Surface Layer

We can supply black or galvanised (hot-dip, zinc-coated) fittings upon request. A temporary protective layer is also applied to prevent superficial rust.

Assembly of Unions

It is essential to clean the conical seats before assembly to achieve a sealing effect without using a gasket on taper seat unions (96, 98, 340, 341). Apply a thin lubricant film on both conical surfaces, such as oil or EN 7512-compliant lubricant (such as Loctite® 8104). It is possible to reuse taper seat unions, but please note that PARKAIR does not guarantee sealing performance in this case.

Designation of Size

Fitting size is designated as follows:

- Fittings with all outlets of the same size are referred to by one size regardless of the number of outlets
- Fittings with two outlets of different sizes are specified by their outlets in decreasing order (first, the larger, followed by the smaller outlet)
- Fittings with more than two different size outlets and a reducing on run, or with three other outlets, are specified as follows:
- Additionally, unequal fittings with more than two outlets but no reduction on the run are specified according to the following method:

1. Tees 81 with equal outlets on the run and an increasing or decreasing outlet on the branch are specified by the size of the run followed by the branch size. For example: 1 1/2" – 3/4"
2. In reducing cross C1, the size of the most extensive run is specified first, followed by the size of the two smaller (but equal) branches. For example, 1 1/2" – 1"



BLACK

GALVANISED

SOCKET BSPP FEMALE



5310

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-270C4 | 3/8" BSPP |
| AL-270D4 | 1/2" BSPP |
| AL-270E4 | 3/4" BSPP |
| AL-270F4 | 1" BSPP |
| AL-270G4 | 1 1/4" BSPP |
| AL-270H4 | 1 1/2" BSPP |
| AL-270L4 | 2" BSPP |

SOCKET BSPP FEMALE



5320

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-270C9 | 3/8" BSPP |
| AL-270D9 | 1/2" BSPP |
| AL-270E9 | 3/4" BSPP |
| AL-270F9 | 1" BSPP |
| AL-270G9 | 1 1/4" BSPP |
| AL-270H9 | 1 1/2" BSPP |
| AL-270L9 | 2" BSPP |
| AL-270M9 | 2 1/2" BSPP |
| AL-270N9 | 3" BSPP |
| AL-270P9 | 4" BSPP |

REDUCING SOCKET BSPP FEMALE



5310

| PART NUMBER | THREAD | THREAD |
|-------------|-------------|-------------|
| AL-240DC4 | 1/2" BSPP | 3/8" BSPP |
| AL-240ED4 | 3/4" BSPP | 1/2" BSPP |
| AL-240FD4 | 1" BSPP | 1/2" BSPP |
| AL-240FE4 | 1" BSPP | 3/4" BSPP |
| AL-240GF4 | 1 1/4" BSPP | 1" BSPP |
| AL-240HE4 | 1 1/2" BSPP | 3/4" BSPP |
| AL-240HF4 | 1 1/2" BSPP | 1" BSPP |
| AL-240HG4 | 1 1/2" BSPP | 1 1/4" BSPP |
| AL-240LF4 | 2" BSPP | 1" BSPP |
| AL-240LH4 | 2" BSPP | 1 1/2" BSPP |

REDUCING SOCKET BSPP FEMALE



5320

| PART NUMBER | THREAD | THREAD |
|-------------|-------------|-------------|
| AL-240DC9 | 1/2" BSPP | 3/8" BSPP |
| AL-240ED9 | 3/4" BSPP | 1/2" BSPP |
| AL-240FD9 | 1" BSPP | 1/2" BSPP |
| AL-240FE9 | 1" BSPP | 3/4" BSPP |
| AL-240GF9 | 1 1/4" BSPP | 1" BSPP |
| AL-240HE9 | 1 1/2" BSPP | 3/4" BSPP |
| AL-240HF9 | 1 1/2" BSPP | 1" BSPP |
| AL-240HG9 | 1 1/2" BSPP | 1 1/4" BSPP |
| AL-240LF9 | 2" BSPP | 1" BSPP |
| AL-240LH9 | 2" BSPP | 1 1/2" BSPP |

EQUAL HEX NIPPLE BSPT MALE



5310

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-280C4 | 3/8" BSPT |
| AL-280D4 | 1/2" BSPT |
| AL-280E4 | 3/4" BSPT |
| AL-280F4 | 1" BSPT |
| AL-280G4 | 1 1/4" BSPT |
| AL-280H4 | 1 1/2" BSPT |
| AL-280L4 | 2" BSPT |

EQUAL HEX NIPPLE BSPT MALE



5320

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-280C9 | 3/8" BSPT |
| AL-280D9 | 1/2" BSPT |
| AL-280E9 | 3/4" BSPT |
| AL-280F9 | 1" BSPT |
| AL-280G9 | 1 1/4" BSPT |
| AL-280H9 | 1 1/2" BSPT |
| AL-280L9 | 2" BSPT |
| AL-280M9 | 2 1/2" BSPT |
| AL-280N9 | 3" BSPT |
| AL-280P9 | 4" BSPT |

REDUCING HEX NIPPLE BSPT MALE



5310

| PART NUMBER | THREAD | THREAD |
|-------------|-------------|-------------|
| AL-245DC4 | 1/2" BSPT | 3/8" BSPT |
| AL-245ED4 | 3/4" BSPT | 1/2" BSPT |
| AL-245FD4 | 1" BSPT | 1/2" BSPT |
| AL-245FE4 | 1" BSPT | 3/4" BSPT |
| AL-245GF4 | 1 1/4" BSPT | 1" BSPT |
| AL-245HF4 | 1 1/2" BSPT | 1" BSPT |
| AL-245HG4 | 1 1/2" BSPT | 1 1/4" BSPT |
| AL-245LF4 | 2" BSPT | 1" BSPT |
| AL-245LH4 | 2" BSPT | 1 1/2" BSPT |

REDUCING HEX NIPPLE BSPT MALE



5320

| PART NUMBER | THREAD | THREAD |
|-------------|-------------|-------------|
| AL-245DC9 | 1/2" BSPT | 3/8" BSPT |
| AL-245ED9 | 3/4" BSPT | 1/2" BSPT |
| AL-245FD9 | 1" BSPT | 1/2" BSPT |
| AL-245FE9 | 1" BSPT | 3/4" BSPT |
| AL-245GF9 | 1 1/4" BSPT | 1" BSPT |
| AL-245HF9 | 1 1/2" BSPT | 1" BSPT |
| AL-245HG9 | 1 1/2" BSPT | 1 1/4" BSPT |
| AL-245LF9 | 2" BSPT | 1" BSPT |
| AL-245LH9 | 2" BSPT | 1 1/2" BSPT |

BLACK

GALVANISED

EQUAL 90° ELBOW BSPP FEMALE



5310

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-090C4 | 3/8" BSPP |
| AL-090D4 | 1/2" BSPP |
| AL-090E4 | 3/4" BSPP |
| AL-090F4 | 1" BSPP |
| AL-090G4 | 1 1/4" BSPP |
| AL-090H4 | 1 1/2" BSPP |
| AL-090L4 | 2" BSPP |

EQUAL 90° ELBOW BSPP FEMALE



5320

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-090C9 | 3/8" BSPP |
| AL-090D9 | 1/2" BSPP |
| AL-090E9 | 3/4" BSPP |
| AL-090F9 | 1" BSPP |
| AL-090G9 | 1 1/4" BSPP |
| AL-090H9 | 1 1/2" BSPP |
| AL-090L9 | 2" BSPP |
| AL-090M9 | 2 1/2" BSPP |
| AL-090N9 | 3" BSPP |
| AL-090P9 | 4" BSPP |

90° REDUCING ELBOW BSPP FEMALE



5310

| PART NUMBER | THREAD | THREAD |
|-------------|-------------|-----------|
| AL-090ED4 | 3/4" BSPP | 1/2" BSPP |
| AL-090FD4 | 1" BSPP | 1/2" BSPP |
| AL-090FE4 | 1" BSPP | 3/4" BSPP |
| AL-090GE4 | 1 1/4" BSPP | 3/4" BSPP |
| AL-090GF4 | 1 1/4" BSPP | 1" BSPP |
| AL-090HF4 | 1 1/2" BSPP | 1" BSPP |

90° REDUCING ELBOW BSPP FEMALE



5320

| PART NUMBER | THREAD | THREAD |
|-------------|-------------|-----------|
| AL-090ED9 | 3/4" BSPP | 1/2" BSPP |
| AL-090FD9 | 1" BSPP | 1/2" BSPP |
| AL-090FE9 | 1" BSPP | 3/4" BSPP |
| AL-090GE9 | 1 1/4" BSPP | 3/4" BSPP |
| AL-090GF9 | 1 1/4" BSPP | 1" BSPP |
| AL-090HE9 | 1 1/2" BSPP | 3/4" BSPP |
| AL-090HF9 | 1 1/2" BSPP | 1" BSPP |

90° ELBOW BSPT MALE / BSPP FEMALE



5310

| PART NUMBER | MALE THREAD | FEMALE THREAD |
|-------------|-------------|---------------|
| AL-092C4 | 3/8" BSPT | 3/8" BSPP |
| AL-092D4 | 1/2" BSPT | 1/2" BSPP |
| AL-092E4 | 3/4" BSPT | 3/4" BSPP |
| AL-092F4 | 1" BSPT | 1" BSPP |
| AL-092G4 | 1 1/4" BSPT | 1 1/4" BSPP |
| AL-092H4 | 1 1/2" BSPT | 1 1/2" BSPP |
| AL-092L4 | 2" BSPT | 2" BSPP |

90° ELBOW BSPT MALE / BSPP FEMALE



5320

| PART NUMBER | MALE THREAD | FEMALE THREAD |
|-------------|-------------|---------------|
| AL-092C9 | 3/8" BSPT | 3/8" BSPP |
| AL-092D9 | 1/2" BSPT | 1/2" BSPP |
| AL-092E9 | 3/4" BSPT | 3/4" BSPP |
| AL-092F9 | 1" BSPT | 1" BSPP |
| AL-092G9 | 1 1/4" BSPT | 1 1/4" BSPP |
| AL-092H9 | 1 1/2" BSPT | 1 1/2" BSPP |
| AL-092L9 | 2" BSPT | 2" BSPP |
| AL-092M9 | 2 1/2" BSPT | 2 1/2" BSPP |
| AL-092N9 | 3" BSPT | 3" BSPP |
| AL-092P9 | 4" BSPT | 4" BSPP |

45° EQUAL BEND BSPP FEMALE



5310

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-041D4 | 1/2" BSPP |
| AL-041E4 | 3/4" BSPP |
| AL-041G4 | 1 1/4" BSPP |
| AL-041H4 | 1 1/2" BSPP |
| AL-041L4 | 2" BSPP |

45° EQUAL BEND BSPP FEMALE



5320

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-041D9 | 1/2" BSPP |
| AL-041E9 | 3/4" BSPP |
| AL-041F9 | 1" BSPP |
| AL-041G9 | 1 1/4" BSPP |
| AL-041H9 | 1 1/2" BSPP |
| AL-041L9 | 2" BSPP |

BLACK

90° EQUAL BEND BSPT MALE / BSPP FEMALE



5310

| PART NUMBER | MALE THREAD | FEMALE THREAD |
|-------------|-------------|---------------|
| AL-001D4 | 1/2" BSPT | 1/2" BSPP |
| AL-001E4 | 3/4" BSPT | 3/4" BSPP |
| AL-001F4 | 1" BSPT | 1" BSPP |
| AL-001G4 | 1 1/4" BSPT | 1 1/4" BSPP |
| AL-001H4 | 1 1/2" BSPT | 1 1/2" BSPP |
| AL-001L4 | 2" BSPT | 2" BSPP |

90° EQUAL BEND BSPP FEMALE



5310

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-002D4 | 1/2" BSPP |
| AL-002E4 | 3/4" BSPP |
| AL-002F4 | 1" BSPP |
| AL-002G4 | 1 1/4" BSPP |
| AL-002H4 | 1 1/2" BSPP |
| AL-002L4 | 2" BSPP |

45° EQUAL BEND BSPT MALE / BSPP FEMALE



5310

| PART NUMBER | MALE THREAD | FEMALE THREAD |
|-------------|-------------|---------------|
| AL-040D4 | 1/2" BSPT | 1/2" BSPP |
| AL-040E4 | 3/4" BSPT | 3/4" BSPP |
| AL-040F4 | 1" BSPT | 1" BSPP |
| AL-040G4 | 1 1/4" BSPT | 1 1/4" BSPP |
| AL-040H4 | 1 1/2" BSPT | 1 1/2" BSPP |
| AL-040L4 | 2" BSPT | 2" BSPP |

UNION TAPER SEAT BSPP FEMALE



5310

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-340D4 | 1/2" BSPP |
| AL-340E4 | 3/4" BSPP |
| AL-340F4 | 1" BSPP |
| AL-340G4 | 1 1/4" BSPP |
| AL-340H4 | 1 1/2" BSPP |
| AL-340L4 | 2" BSPP |

HEX BLANKING CAP BSPP FEMALE



5310

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-300D4 | 1/2" BSPP |
| AL-300E4 | 3/4" BSPP |
| AL-300F4 | 1" BSPP |
| AL-300G4 | 1 1/4" BSPP |
| AL-300H4 | 1 1/2" BSPP |
| AL-300L4 | 2" BSPP |

GALVANISED

90° EQUAL BEND BSPT MALE / BSPP FEMALE



5320

| PART NUMBER | MALE THREAD | FEMALE THREAD |
|-------------|-------------|---------------|
| AL-001D9 | 1/2" BSPT | 1/2" BSPP |
| AL-001E9 | 3/4" BSPT | 3/4" BSPP |
| AL-001F9 | 1" BSPT | 1" BSPP |
| AL-001G9 | 1 1/4" BSPT | 1 1/4" BSPP |
| AL-001H9 | 1 1/2" BSPT | 1 1/2" BSPP |
| AL-001L9 | 2" BSPT | 2" BSPP |
| AL-001N9 | 3" BSPT | 3" BSPP |

90° EQUAL BEND BSPP FEMALE



5320

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-002D9 | 1/2" BSPP |
| AL-002E9 | 3/4" BSPP |
| AL-002F9 | 1" BSPP |
| AL-002G9 | 1 1/4" BSPP |
| AL-002H9 | 1 1/2" BSPP |
| AL-002L9 | 2" BSPP |
| AL-002N9 | 3" BSPP |

45° EQUAL BEND BSPT MALE / BSPP FEMALE



5320

| PART NUMBER | MALE THREAD | FEMALE THREAD |
|-------------|-------------|---------------|
| AL-040D9 | 1/2" BSPT | 1/2" BSPP |
| AL-040E9 | 3/4" BSPT | 3/4" BSPP |
| AL-040F9 | 1" BSPT | 1" BSPP |
| AL-040G9 | 1 1/4" BSPT | 1 1/4" BSPP |
| AL-040H9 | 1 1/2" BSPT | 1 1/2" BSPP |
| AL-040L9 | 2" BSPT | 2" BSPP |

UNION TAPER SEAT BSPP FEMALE



5320

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-340D9 | 1/2" BSPP |
| AL-340E9 | 3/4" BSPP |
| AL-340F9 | 1" BSPP |
| AL-340G9 | 1 1/4" BSPP |
| AL-340H9 | 1 1/2" BSPP |
| AL-340L9 | 2" BSPP |
| AL-340N9 | 3" BSPP |

HEX BLANKING CAP BSPP FEMALE



5320

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-300D9 | 1/2" BSPP |
| AL-300E9 | 3/4" BSPP |
| AL-300F9 | 1" BSPP |
| AL-300G9 | 1 1/4" BSPP |
| AL-300H9 | 1 1/2" BSPP |
| AL-300L9 | 2" BSPP |

BLACK



5310

UNION TAPER SEAT
BSPT MALE / BSPP FEMALE

| PART NUMBER | MALE THREAD | FEMALE THREAD |
|-------------|-------------|---------------|
| AL-341D4 | 1/2" BSPT | 1/2" BSPP |
| AL-341E4 | 3/4" BSPT | 3/4" BSPP |
| AL-341F4 | 1" BSPT | 1" BSPP |
| AL-341G4 | 1 1/4" BSPT | 1 1/4" BSPP |
| AL-341H4 | 1 1/2" BSPT | 1 1/2" BSPP |
| AL-341L4 | 2" BSPT | 2" BSPP |



5310

90° UNION ELBOW
BSPP FEMALE

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-096D4 | 1/2" BSPP |
| AL-096E4 | 3/4" BSPP |
| AL-096F4 | 1" BSPP |
| AL-096G4 | 1 1/4" BSPP |
| AL-096H4 | 1 1/2" BSPP |
| AL-096L4 | 2" BSPP |



5310

90° UNION ELBOW
BSPT MALE / BSPP FEMALE

| PART NUMBER | MALE THREAD | FEMALE THREAD |
|-------------|-------------|---------------|
| AL-098D4 | 1/2" BSPT | 1/2" BSPP |
| AL-098E4 | 3/4" BSPT | 3/4" BSPP |
| AL-098F4 | 1" BSPT | 1" BSPP |
| AL-098G4 | 1 1/4" BSPT | 1 1/4" BSPP |
| AL-098H4 | 1 1/2" BSPT | 1 1/2" BSPP |
| AL-098L4 | 2" BSPT | 2" BSPP |



5310

CROSSOVER

| PART NUMBER | SIZE | LENGTH |
|-------------|------|--------|
| AL-085D4 | 1/2" | 92 mm |
| AL-085E4 | 3/4" | 110 mm |



5310

REDUCING SOCKET
BSPP FEMALE / BSPT MALE

| PART NUMBER | FEMALE THREAD | MALE THREAD |
|-------------|---------------|-------------|
| AL-246ED4 | 3/4" BSPP | 1/2" BSPT |
| AL-246FE4 | 1" BSPP | 3/4" BSPT |
| AL-246GF4 | 1 1/4" BSPP | 1" BSPT |

GALVANISED



5320

UNION TAPER SEAT
BSPT MALE / BSPP FEMALE

| PART NUMBER | MALE THREAD | FEMALE THREAD |
|-------------|-------------|---------------|
| AL-341D9 | 1/2" BSPT | 1/2" BSPP |
| AL-341E9 | 3/4" BSPT | 3/4" BSPP |
| AL-341F9 | 1" BSPT | 1" BSPP |
| AL-341G9 | 1 1/4" BSPT | 1 1/4" BSPP |
| AL-341H9 | 1 1/2" BSPT | 1 1/2" BSPP |
| AL-341L9 | 2" BSPT | 2" BSPP |
| AL-341N9 | 3" BSPT | 3" BSPP |



5320

90° UNION ELBOW
BSPP FEMALE

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-096D9 | 1/2" BSPP |
| AL-096E9 | 3/4" BSPP |
| AL-096F9 | 1" BSPP |
| AL-096G9 | 1 1/4" BSPP |
| AL-096H9 | 1 1/2" BSPP |
| AL-096L9 | 2" BSPP |



5320

90° UNION ELBOW
BSPT MALE / BSPP FEMALE

| PART NUMBER | MALE THREAD | FEMALE THREAD |
|-------------|-------------|---------------|
| AL-098D9 | 1/2" BSPT | 1/2" BSPP |
| AL-098E9 | 3/4" BSPT | 3/4" BSPP |
| AL-098F9 | 1" BSPT | 1" BSPP |
| AL-098G9 | 1 1/4" BSPT | 1 1/4" BSPP |
| AL-098H9 | 1 1/2" BSPT | 1 1/2" BSPP |
| AL-098L9 | 2" BSPT | 2" BSPP |



5320

CROSSOVER

| PART NUMBER | SIZE | LENGTH |
|-------------|------|--------|
| AL-085D9 | 1/2" | 92 mm |
| AL-085E9 | 3/4" | 110 mm |



5320

REDUCING SOCKET
BSPP FEMALE / BSPT MALE

| PART NUMBER | FEMALE THREAD | MALE THREAD |
|-------------|---------------|-------------|
| AL-246ED9 | 3/4" BSPP | 1/2" BSPT |
| AL-246FE9 | 1" BSPP | 3/4" BSPT |
| AL-246GF9 | 1 1/4" BSPP | 1" BSPT |

BLACK



5310

**EQUAL TEE
BSPP FEMALE**

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-130C4 | 3/8" BSPP |
| AL-130D4 | 1/2" BSPP |
| AL-130E4 | 3/4" BSPP |
| AL-130F4 | 1" BSPP |
| AL-130G4 | 1 1/4" BSPP |
| AL-130H4 | 1 1/2" BSPP |
| AL-130L4 | 2" BSPP |



5310

**TEE REDUCING ON BRANCH
BSPP FEMALE**

| PART NUMBER | THREAD A | THREAD B | THREAD C |
|-------------|-------------|-------------|-------------|
| AL-130ED4 | 3/4" | 1/2" | 3/4" |
| AL-130FD4 | 1" | 1/2" | 1" |
| AL-130FE4 | 1" | 3/4" | 1" |
| AL-130GD4 | 1 1/4" | 1/2" | 1 1/4" |
| AL-130GE4 | 1 1/4" | 3/4" | 1 1/4" |
| AL-130GF4 | 1 1/4" | 1" | 1 1/4" |
| AL-130HD4 | 1 1/2" | 1/2" | 1 1/2" |
| AL-130HF4 | 1 1/2" | 1" | 1 1/2" |
| AL-130LD4 | 2" | 1/2" | 2" |
| AL-130LE4 | 2" | 3/4" | 2" |
| AL-130LF4 | 2" | 1" | 2" |
| AL-130LG4 | 2" | 1 1/4" | 2" |
| AL-130LH4 | 2" | 1 1/2" | 2" |



5310

**EQUAL CROSS
BSPP FEMALE**

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-180D4 | 1/2" BSPP |
| AL-180E4 | 3/4" BSPP |
| AL-180F4 | 1" BSPP |
| AL-180G4 | 1 1/4" BSPP |
| AL-180H4 | 1 1/2" BSPP |
| AL-180L4 | 2" BSPP |



5310

**BACKNUT
BSPP FEMALE**

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-310D4 | 1/2" BSPP |
| AL-310E4 | 3/4" BSPP |
| AL-310F4 | 1" BSPP |
| AL-310G4 | 1 1/4" BSPP |
| AL-310H4 | 1 1/2" BSPP |
| AL-310L4 | 2" BSPP |

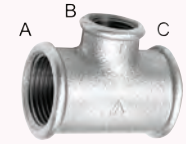
GALVANISED



5320

**EQUAL TEE
BSPP FEMALE**

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-130C9 | 3/8" BSPP |
| AL-130D9 | 1/2" BSPP |
| AL-130E9 | 3/4" BSPP |
| AL-130F9 | 1" BSPP |
| AL-130G9 | 1 1/4" BSPP |
| AL-130H9 | 1 1/2" BSPP |
| AL-130L9 | 2" BSPP |
| AL-130M9 | 2 1/2" BSPP |
| AL-130N9 | 3" BSPP |
| AL-130P9 | 4" BSPP |



5320

**TEE REDUCING ON BRANCH
BSPP FEMALE**

| PART NUMBER | THREAD A | THREAD B | THREAD C |
|-------------|-------------|-------------|-------------|
| AL-130ED9 | 3/4" | 1/2" | 3/4" |
| AL-130FD9 | 1" | 1/2" | 1" |
| AL-130FE9 | 1" | 3/4" | 1" |
| AL-130GD9 | 1 1/4" | 1/2" | 1 1/4" |
| AL-130GE9 | 1 1/4" | 3/4" | 1 1/4" |
| AL-130GF9 | 1 1/4" | 1" | 1 1/4" |
| AL-130HD9 | 1 1/2" | 1/2" | 1 1/2" |
| AL-130HF9 | 1 1/2" | 1" | 1 1/2" |
| AL-130LD9 | 2" | 1/2" | 2" |
| AL-130LE9 | 2" | 3/4" | 2" |
| AL-130LF9 | 2" | 1" | 2" |
| AL-130LG9 | 2" | 1 1/4" | 2" |
| AL-130LH9 | 2" | 1 1/2" | 2" |



5320

**EQUAL CROSS
BSPP FEMALE**

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-180D9 | 1/2" BSPP |
| AL-180E9 | 3/4" BSPP |
| AL-180F9 | 1" BSPP |
| AL-180G9 | 1 1/4" BSPP |
| AL-180H9 | 1 1/2" BSPP |
| AL-180L9 | 2" BSPP |



5320

**BACKNUT
BSPP FEMALE**

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-310D9 | 1/2" BSPP |
| AL-310E9 | 3/4" BSPP |
| AL-310F9 | 1" BSPP |
| AL-310G9 | 1 1/4" BSPP |
| AL-310H9 | 1 1/2" BSPP |
| AL-310L9 | 2" BSPP |

BLACK



5310

REDUCING BUSH
BSPT MALE / BSPP FEMALE

| PART NUMBER | MALE THREAD | FEMALE THREAD |
|-------------|-------------|---------------|
| AL-241DC4 | 1/2" BSPT | 3/8" BSPP |
| AL-241EC4 | 3/4" BSPT | 3/8" BSPP |
| AL-241ED4 | 3/4" BSPT | 1/2" BSPP |
| AL-241FD4 | 1" BSPT | 1/2" BSPP |
| AL-241FE4 | 1" BSPT | 3/4" BSPP |
| AL-241GD4 | 1 1/4" BSPT | 1/2" BSPP |
| AL-241GE4 | 1 1/4" BSPT | 3/4" BSPP |
| AL-241GF4 | 1 1/4" BSPT | 1" BSPP |
| AL-241HD4 | 1 1/2" BSPT | 1/2" BSPP |
| AL-241HE4 | 1 1/2" BSPT | 3/4" BSPP |
| AL-241HF4 | 1 1/2" BSPT | 1" BSPP |
| AL-241HG4 | 1 1/2" BSPT | 1 1/4" BSPP |
| AL-241LF4 | 2" BSPT | 1" BSPP |
| AL-241LG4 | 2" BSPT | 1 1/4" BSPP |
| AL-241LH4 | 2" BSPT | 1 1/2" BSPP |



5310

REDUCING BUSH
BSPT MALE / BSPP FEMALE

| PART NUMBER | MALE THREAD | FEMALE THREAD |
|-------------|-------------|---------------|
| AL-241LD4 | 2" BSPT | 1/2" BSPP |
| AL-241LE4 | 2" BSPT | 3/4" BSPP |



5310

BANDED PLUG
BSPT MALE

| PART NUMBER | THREAD | TYPE |
|-------------|-------------|--------|
| AL-290C4 | 3/8" BSPT | Solid |
| AL-290D4 | 1/2" BSPT | Hollow |
| AL-290E4 | 3/4" BSPT | Hollow |
| AL-290F4 | 1" BSPT | Hollow |
| AL-290G4 | 1 1/4" BSPT | Hollow |
| AL-290H4 | 1 1/2" BSPT | Hollow |
| AL-290L4 | 2" BSPT | Hollow |

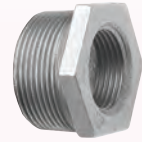


5310

HOLLOW PLUG
BSPT MALE

| PART NUMBER | THREAD |
|-------------|-----------|
| AL-291D4 | 1/2" BSPT |
| AL-291E4 | 3/4" BSPT |
| AL-291F4 | 1" BSPT |

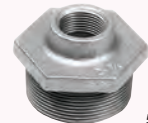
GALVANISED



5320

REDUCING BUSH
BSPT MALE / BSPP FEMALE

| PART NUMBER | MALE THREAD | FEMALE THREAD |
|-------------|-------------|---------------|
| AL-241DC9 | 1/2" BSPT | 3/8" BSPP |
| AL-241EC9 | 3/4" BSPT | 3/8" BSPP |
| AL-241ED9 | 3/4" BSPT | 1/2" BSPP |
| AL-241FD9 | 1" BSPT | 1/2" BSPP |
| AL-241FE9 | 1" BSPT | 3/4" BSPP |
| AL-241GD9 | 1 1/4" BSPT | 1/2" BSPP |
| AL-241GE9 | 1 1/4" BSPT | 3/4" BSPP |
| AL-241GF9 | 1 1/4" BSPT | 1" BSPP |
| AL-241HD9 | 1 1/2" BSPT | 1/2" BSPP |
| AL-241HE9 | 1 1/2" BSPT | 3/4" BSPP |
| AL-241HF9 | 1 1/2" BSPT | 1" BSPP |
| AL-241HG9 | 1 1/2" BSPT | 1 1/4" BSPP |
| AL-241LF9 | 2" BSPT | 1" BSPP |
| AL-241LG9 | 2" BSPT | 1 1/4" BSPP |
| AL-241LH9 | 2" BSPT | 1 1/2" BSPP |
| AL-241ML9 | 2 1/2" BSPT | 2" BSPP |
| AL-241NL9 | 3" BSPT | 2" BSPP |
| AL-241NM9 | 3" BSPT | 2 1/2" BSPP |
| AL-241PM9 | 4" BSPT | 2 1/2" BSPP |
| AL-241PN9 | 4" BSPT | 3" BSPP |



5320

REDUCING BUSH
BSPT MALE / BSPP FEMALE

| PART NUMBER | MALE THREAD | FEMALE THREAD |
|-------------|-------------|---------------|
| AL-241LD9 | 2" BSPT | 1/2" BSPP |
| AL-241LE9 | 2" BSPT | 3/4" BSPP |
| AL-241NH9 | 3" BSPT | 1 1/2" BSPP |
| AL-241PL9 | 4" BSPT | 2" BSPP |



5320

BANDED PLUG
BSPT MALE

| PART NUMBER | THREAD | TYPE |
|-------------|-------------|--------|
| AL-290C9 | 3/8" BSPT | Solid |
| AL-290D9 | 1/2" BSPT | Hollow |
| AL-290E9 | 3/4" BSPT | Hollow |
| AL-290F9 | 1" BSPT | Hollow |
| AL-290G9 | 1 1/4" BSPT | Hollow |
| AL-290H9 | 1 1/2" BSPT | Hollow |
| AL-290L9 | 2" BSPT | Hollow |
| AL-290M9 | 2 1/2" BSPT | Hollow |
| AL-290N9 | 3" BSPT | Hollow |
| AL-290P9 | 4" BSPT | Hollow |



5320

HOLLOW PLUG
BSPT MALE

| PART NUMBER | THREAD |
|-------------|-----------|
| AL-291D9 | 1/2" BSPT |
| AL-291E9 | 3/4" BSPT |
| AL-291F9 | 1" BSPT |

BS EN 10255 MEDIUM RED OXIDE MILD STEEL TUBE

Seam welded pipe in mild steel with a red oxide primer painted finish
Dual certified to BS EN 10255:2004 (previously BS 1387)
& BS EN 10217-1:2002

BS EN 10255 MEDIUM GALVANISED MILD STEEL TUBE

Seam welded pipe in mild steel with a HDG galvanised finish
Dual certified to BS EN 10255:2004 (previously BS 1387)
& BS EN 10217-1:2002

WORKING PRESSURES

AIR / STEAM

WATER

| | | |
|--------|--------|--------|
| 1/2" | 17 bar | 35 bar |
| 3/4" | 17 bar | 35 bar |
| 1" | 17 bar | 35 bar |
| 1 1/4" | 14 bar | 28 bar |
| 1 1/2" | 14 bar | 28 bar |
| 2" | 12 bar | 24 bar |

RED OXIDE PRIMED

3.25 METRE MEDIUM SCREWED & SOCKETED PIPE BSPT MALE



5330

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-BP08SS | 1/2" BSPT |
| AL-BP12SS | 3/4" BSPT |
| AL-BP16SS | 1" BSPT |
| AL-BP20SS | 1 1/4" BSPT |
| AL-BP24SS | 1 1/2" BSPT |
| AL-BP32SS | 2" BSPT |
| AL-BP40SS | 2 1/2" BSPT |
| AL-BP48SS | 3" BSPT |
| AL-BP64SS | 4" BSPT |

6.5 METRE MEDIUM SCREWED & SOCKETED PIPE BSPT MALE



5330

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-BP08SS6 | 1/2" BSPT |
| AL-BP12SS6 | 3/4" BSPT |
| AL-BP16SS6 | 1" BSPT |
| AL-BP20SS6 | 1 1/4" BSPT |
| AL-BP24SS6 | 1 1/2" BSPT |
| AL-BP32SS6 | 2" BSPT |
| AL-BP40SS6 | 2 1/2" BSPT |
| AL-BP48SS6 | 3" BSPT |
| AL-BP64SS6 | 4" BSPT |



Tube NB,
Nominal bore or
nominal pipe size

GALVANISED

3.25 METRE MEDIUM SCREWED & SOCKETED PIPE BSPT MALE



5330

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-GP08SS | 1/2" BSPT |
| AL-GP12SS | 3/4" BSPT |
| AL-GP16SS | 1" BSPT |
| AL-GP20SS | 1 1/4" BSPT |
| AL-GP24SS | 1 1/2" BSPT |
| AL-GP32SS | 2" BSPT |
| AL-GP40SS | 2 1/2" BSPT |
| AL-GP48SS | 3" BSPT |
| AL-GP64SS | 4" BSPT |

6.5 METRE MEDIUM SCREWED & SOCKETED PIPE BSPT MALE



5330

| PART NUMBER | THREAD |
|-------------|-------------|
| AL-GP08SS6 | 1/2" BSPT |
| AL-GP12SS6 | 3/4" BSPT |
| AL-GP16SS6 | 1" BSPT |
| AL-GP20SS6 | 1 1/4" BSPT |
| AL-GP24SS6 | 1 1/2" BSPT |
| AL-GP32SS6 | 2" BSPT |
| AL-GP40SS6 | 2 1/2" BSPT |
| AL-GP48SS6 | 3" BSPT |
| AL-GP64SS6 | 4" BSPT |

JOINTING COMPOUND



BOSS WHITE JOINTING COMPOUND

5340

| PART NUMBER | SIZE |
|-------------|-------|
| AL-BOSSW400 | 400 g |

For use with steam, air, natural gas & non-potable water applications.
Conforms to BS6956 Part 5 1992

BLACK



BARREL NIPPLE BSPT MALE

5340

| PART NUMBER | THREAD | LENGTH |
|-------------|-------------|--------|
| AL-531A4 | 1/8" BSPT | 32 mm |
| AL-531B4 | 1/4" BSPT | 38 mm |
| AL-531C4 | 3/8" BSPT | 38 mm |
| AL-531D4 | 1/2" BSPT | 51 mm |
| AL-531E4 | 3/4" BSPT | 54 mm |
| AL-531F4 | 1" BSPT | 60 mm |
| AL-531G4 | 1 1/4" BSPT | 70 mm |
| AL-531H4 | 1 1/2" BSPT | 70 mm |
| AL-531L4 | 2" BSPT | 79 mm |
| AL-531M4 | 2 1/2" BSPT | 89 mm |
| AL-531N4 | 3" BSPT | 102 mm |
| AL-531P4 | 4" BSPT | 114 mm |

GALVANISED



BARREL NIPPLE BSPT MALE

5340

| PART NUMBER | THREAD | LENGTH |
|-------------|-------------|--------|
| AL-531A9 | 1/8" BSPT | 32 mm |
| AL-531B9 | 1/4" BSPT | 38 mm |
| AL-531C9 | 3/8" BSPT | 38 mm |
| AL-531D9 | 1/2" BSPT | 51 mm |
| AL-531E9 | 3/4" BSPT | 54 mm |
| AL-531F9 | 1" BSPT | 60 mm |
| AL-531G9 | 1 1/4" BSPT | 70 mm |
| AL-531H9 | 1 1/2" BSPT | 70 mm |
| AL-531L9 | 2" BSPT | 79 mm |
| AL-531M9 | 2 1/2" BSPT | 89 mm |
| AL-531N9 | 3" BSPT | 102 mm |
| AL-531P9 | 4" BSPT | 114 mm |



BASE PLATE METRIC FEMALE

5340

| PART NUMBER | THREAD |
|-------------|--------|
| AL-515M104 | M10 |
| AL-515M124 | M12 |



BASE PLATE METRIC FEMALE

5340

| PART NUMBER | THREAD |
|-------------|--------|
| AL-515M109 | M10 |
| AL-515M129 | M12 |

ZINC PLATED



GIRDER CLAMP BRIGHT ZINC PLATED

5340

| PART NUMBER | SIZE |
|-------------|------|
| AL-MI8GC | M8 |
| AL-MI10GC | M10 |
| AL-MI12GC | M12 |



'U' BOLT BRIGHT ZINC PLATED

5340

| PART NUMBER | TUBE OD |
|-------------|---------|
| AL-UB8 | 1/2" |
| AL-UB12 | 3/4" |
| AL-UB16 | 1" |
| AL-UB20 | 1 1/4" |
| AL-UB24 | 1 1/2" |
| AL-UB32 | 2" |
| AL-UB40 | 2 1/2" |
| AL-UB48 | 3" |
| AL-UB64 | 4" |

BLACK



SCHOOL BOARD CLAMP

5340

| PART NUMBER | TUBE OD |
|-------------|---------|
| AL-B82B4 | 1/4" |
| AL-B82C4 | 3/8" |
| AL-B82D4 | 1/2" |
| AL-B82E4 | 3/4" |
| AL-B82F4 | 1" |
| AL-B82G4 | 1 1/4" |
| AL-B82H4 | 1 1/2" |
| AL-B82L4 | 2" |
| AL-B82M4 | 2 1/2" |
| AL-B82N4 | 3" |
| AL-B82P4 | 4" |

GALVANISED



SCHOOL BOARD CLAMP

5340

| PART NUMBER | TUBE OD |
|-------------|---------|
| AL-B82B9 | 1/4" |
| AL-B82C9 | 3/8" |
| AL-B82D9 | 1/2" |
| AL-B82E9 | 3/4" |
| AL-B82F9 | 1" |
| AL-B82G9 | 1 1/4" |
| AL-B82H9 | 1 1/2" |
| AL-B82L9 | 2" |
| AL-B82M9 | 2 1/2" |
| AL-B82N9 | 3" |
| AL-B82P9 | 4" |



MUNSEN RING
M10 THREAD

5340

| PART NUMBER | TUBE OD |
|-------------|---------|
| AL-529B4M10 | 1/4" |
| AL-529C4M10 | 3/8" |
| AL-529D4M10 | 1/2" |
| AL-529E4M10 | 3/4" |
| AL-529F4M10 | 1" |
| AL-529G4M10 | 1 1/4" |
| AL-529H4M10 | 1 1/2" |
| AL-529L4M10 | 2" |

M12 THREAD

| | |
|-------------|--------|
| AL-529M4M12 | 2 1/2" |
| AL-529N4M12 | 3" |
| AL-529P4M12 | 4" |



MUNSEN RING
M10 THREAD

5340

| PART NUMBER | TUBE OD |
|-------------|---------|
| AL-529B9M10 | 1/4" |
| AL-529C9M10 | 3/8" |
| AL-529D9M10 | 1/2" |
| AL-529E9M10 | 3/4" |
| AL-529F9M10 | 1" |
| AL-529G9M10 | 1 1/4" |
| AL-529H9M10 | 1 1/2" |
| AL-529L9M10 | 2" |

M12 THREAD

| | |
|-------------|--------|
| AL-529M9M12 | 2 1/2" |
| AL-529N9M12 | 3" |
| AL-529P9M12 | 4" |



SCREWED ROD
MALE THREAD

5340

| PART NUMBER | THREAD | LENGTH |
|-------------|--------|--------|
| AL-SR10M | M10 | 1 |
| AL-SR10M3 | M10 | 3 |
| AL-SR12M | M12 | 1 |
| AL-SR12M3 | M12 | 3 |

Do you also need?

Sicomat

M8 threaded rod



Find it on page 772, section thirteen

GALVANISED



NUTS
M10 THREAD

5340

| PART NUMBER | THREAD |
|-------------|--------|
| AL-10MNUITS | M10 |



WASHERS
M10 THREAD

5340

| PART NUMBER | THREAD |
|-------------|--------|
| AL-10MWASH | M10 |



Crane Malleable Iron Fittings

Key Features

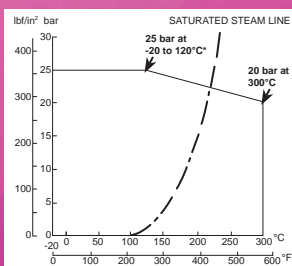
- Taper to taper thread joints ensure full engagement, eliminating localised stress on pipe or fitting and offering a substantial pressure seal
- Design standard BS EN 10242
- Thread standard BS EN 10226-2 taper
- UL approved for use on sprinkler systems
- Kitemark approved by BSI

Conformance of Crane Fittings

Both malleable iron and steel fittings have received verification from the British Standards Institute (BSI) for conforming to BS EN 10242, BS 143, and BS 1256, respectively. Therefore, they can display the British Standards Kitemark Logo with Kitemark Licence No. KM00382. Some fittings that are smaller in size are produced in steel and comply with BS EN 10241.

Pressure and Temperature Ratings

According to BS 143 and 1256, fittings are designed for general fluid transmission within specific pressure and temperature ranges. The graph below shows the BS pressure-temperature ratings. Most Crane malleable iron fittings are suitable for these new ratings, except for certain unions (please see the note below the graph). However, the suitability of the connecting pipe material, the threaded joint, and any thread sealant used should be considered. It is also essential to follow any applicable codes of practice. The maximum non-shock gauge pressure is mentioned in the specifications.



* Hot dip zinc coated (galvanised) fittings should not be used below -10°C (14°F).

CRANE241 flat seat unions are limited to a maximum of 230°C. CRANE271 and CRANE289 female equal unions with spherical seats are limited to a maximum of 208°C.

Finish

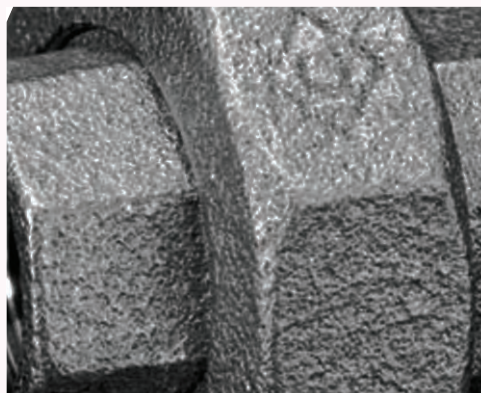
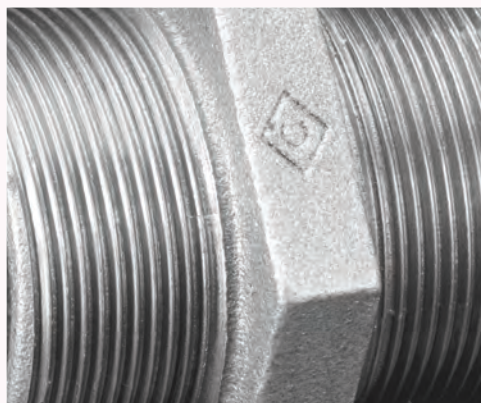
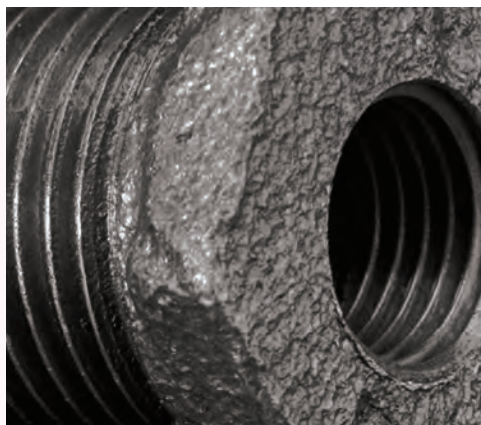
All malleable iron fittings receive an oil finish to protect against rust during storage, transit, and after installation before commissioning. The finished fittings are free of polycyclic aromatic hydrocarbons.

Pipe Threads

Crane fittings feature machined threads that comply with the gauging standards of BS EN 10226-2. All fittings are designed with chamfered threads that facilitate assembly and prevent cross-threading issues. Additionally, female fittings come with a chamber behind the thread that allows for the hassle-free assembly of male threads without any restrictions.

Testing

As per the requirements of BS EN 10242 or BS 143 and 1256, the fittings undergo production testing. Moreover, as per the standards of BS EN 10242, BS 143 and 1256, and ISO 49, all pressure-containing fittings are designed to withstand specified design test pressures and are type-tested accordingly. For sizes 4 and smaller malleable iron fittings, the required pressure is 100 bar (1450 lbf/in²), and for sizes 5 and 6 malleable iron fittings, it is 64 bar (928 lbf/in²).



Please note:
* Only available in mild steel

BLACK



5360

HEXAGON BUSH

BSPT MALE / BSPT FEMALE

| PART NUMBER | MALE THREAD | FEMALE THREAD |
|-------------------|----------------|------------------|
| CRANE140B-12X18 | 1/2" BSPT | 1/8" BSPT |
| CRANE140B-12X14* | 1/2" BSPT | 1/4" BSPT |
| CRANE140B-12X38 | 1/2" BSPT | 3/8" BSPT |
| CRANE140B-34X18 | 3/4" BSPT | 1/8" BSPT |
| CRANE140B-34X14 | 3/4" BSPT | 1/4" BSPT |
| CRANE140B-34X38 | 3/4" BSPT | 3/8" BSPT |
| CRANE140B-34X12 | 3/4" BSPT | 1/2" BSPT |
| CRANE140B-1X14 | 1" BSPT | 1/4" BSPT |
| CRANE140B-1X38 | 1" BSPT | 3/8" BSPT |
| CRANE140B-1X12 | 1" BSPT | 1/2" BSPT |
| CRANE140B-1X34 | 1" BSPT | 3/4" BSPT |
| CRANE140B-114X12 | 1 1/4" BSPT | 1/2" BSPT |
| CRANE140B-114X34 | 1 1/4" BSPT | 3/4" BSPT |
| CRANE140B-114X1 | 1 1/4" BSPT | 1" BSPT |
| CRANE140B-112X12 | 1 1/2" BSPT | 1/2" BSPT |
| CRANE140B-112X34 | 1 1/2" BSPT | 3/4" BSPT |
| CRANE140B-112X1 | 1 1/2" BSPT | 1" BSPT |
| CRANE140B-112X114 | 1 1/2" BSPT | 1 1/4" BSPT |
| CRANE140B-2X12 | 2" BSPT | 1/2" BSPT |
| CRANE140B-2X34 | 2" BSPT | 3/4" BSPT |
| CRANE140B-2X1 | 2" BSPT | 1" BSPT |
| CRANE140B-2X114 | 2" BSPT | 1 1/4" BSPT |
| CRANE140B-2X112 | 2" BSPT | 1 1/2" BSPT |

* Only available in mild steel

GALVANISED



5360

HEXAGON BUSH

BSPT MALE / BSPT FEMALE

| PART NUMBER | MALE THREAD | FEMALE THREAD |
|-------------------|----------------|------------------|
| CRANE140G-12X18 | 1/2" BSPT | 1/8" BSPT |
| CRANE140G-34X18 | 3/4" BSPT | 1/8" BSPT |
| CRANE140G-34X38 | 3/4" BSPT | 3/8" BSPT |
| CRANE140G-1X14 | 1" BSPT | 1/4" BSPT |
| CRANE140G-1X38 | 1" BSPT | 3/8" BSPT |
| CRANE140G-1X12 | 1" BSPT | 1/2" BSPT |
| CRANE140G-1X34 | 1" BSPT | 3/4" BSPT |
| CRANE140G-114X12 | 1 1/4" BSPT | 1/2" BSPT |
| CRANE140G-114X34 | 1 1/4" BSPT | 3/4" BSPT |
| CRANE140G-114X1 | 1 1/4" BSPT | 1" BSPT |
| CRANE140G-112X12 | 1 1/2" BSPT | 1/2" BSPT |
| CRANE140G-112X34 | 1 1/2" BSPT | 3/4" BSPT |
| CRANE140G-112X1 | 1 1/2" BSPT | 1" BSPT |
| CRANE140G-112X114 | 1 1/2" BSPT | 1 1/4" BSPT |
| CRANE140G-2X12 | 2" BSPT | 1/2" BSPT |
| CRANE140G-2X34 | 2" BSPT | 3/4" BSPT |
| CRANE140G-2X1 | 2" BSPT | 1" BSPT |
| CRANE140G-2X114 | 2" BSPT | 1 1/4" BSPT |
| CRANE140G-2X112 | 2" BSPT | 1 1/2" BSPT |



5360

HEXAGON NIPPLE

BSPT MALE

| PART NUMBER | THREAD |
|---------------|-------------|
| CRANE144B-1 | 1" BSPT |
| CRANE144B-114 | 1 1/4" BSPT |
| CRANE144B-112 | 1 1/2" BSPT |
| CRANE144B-2 | 2" BSPT |
| CRANE144B-212 | 2 1/2" BSPT |



5360

HEXAGON NIPPLE

BSPT MALE

| PART NUMBER | THREAD |
|---------------|-------------|
| CRANE144G-1 | 1" BSPT |
| CRANE144G-114 | 1 1/4" BSPT |
| CRANE144G-112 | 1 1/2" BSPT |
| CRANE144G-2 | 2" BSPT |
| CRANE144G-212 | 2 1/2" BSPT |



5360

HEXAGON REDUCING NIPPLE

BSPT MALE

| PART NUMBER | THREAD | THREAD |
|-------------------|-------------|-------------|
| CRANE145B-12X38 | 1/2" BSPT | 3/8" BSPT |
| CRANE145B-34X12 | 3/4" BSPT | 1/2" BSPT |
| CRANE145B-1X12 | 1" BSPT | 1/2" BSPT |
| CRANE145B-1X34 | 1" BSPT | 3/4" BSPT |
| CRANE145B-114X1 | 1 1/4" BSPT | 1" BSPT |
| CRANE145B-112X114 | 1 1/2" BSPT | 1 1/4" BSPT |
| CRANE145B-2X112 | 2" BSPT | 1 1/2" BSPT |



5360

HEXAGON REDUCING NIPPLE

BSPT MALE

| PART NUMBER | THREAD | THREAD |
|-------------------|-------------|-------------|
| CRANE145G-12X14 | 1/2" BSPT | 1/4" BSPT |
| CRANE145G-34X12 | 3/4" BSPT | 1/2" BSPT |
| CRANE145G-1X12 | 1" BSPT | 1/2" BSPT |
| CRANE145G-1X34 | 1" BSPT | 3/4" BSPT |
| CRANE145G-114X1 | 1 1/4" BSPT | 1" BSPT |
| CRANE145G-112X114 | 1 1/2" BSPT | 1 1/4" BSPT |
| CRANE145G-2X112 | 2" BSPT | 1 1/2" BSPT |

BLACK

GALVANISED

EQUAL UNION SPHERICAL SEAT IRON TO IRON BSPT FEMALE



5360

| PART NUMBER | THREAD |
|---------------|--------|
| CRANE256B-12 | 1/2" |
| CRANE256B-34 | 3/4" |
| CRANE256B-1 | 1" |
| CRANE256B-114 | 1 1/4" |
| CRANE256B-112 | 1 1/2" |
| CRANE256B-2 | 2" |
| CRANE256B-212 | 2 1/2" |

EQUAL UNION SPHERICAL SEAT IRON TO IRON BSPT FEMALE



5360

| PART NUMBER | THREAD |
|---------------|--------|
| CRANE256G-12 | 1/2" |
| CRANE256G-34 | 3/4" |
| CRANE256G-1 | 1" |
| CRANE256G-114 | 1 1/4" |
| CRANE256G-112 | 1 1/2" |
| CRANE256G-2 | 2" |
| CRANE256G-212 | 2 1/2" |

EQUAL ELBOW BSPT FEMALE



5360

| PART NUMBER | THREAD |
|---------------|-------------|
| CRANE151B-14 | 1/4" BSPT |
| CRANE151B-38 | 3/8" BSPT |
| CRANE151B-12 | 1/2" BSPT |
| CRANE151B-34 | 3/4" BSPT |
| CRANE151B-1 | 1" BSPT |
| CRANE151B-114 | 1 1/4" BSPT |
| CRANE151B-112 | 1 1/2" BSPT |
| CRANE151B-2 | 2" BSPT |
| CRANE151B-212 | 2 1/2" BSPT |

EQUAL ELBOW BSPT FEMALE



5360

| PART NUMBER | THREAD |
|---------------|-------------|
| CRANE151G-38 | 3/8" BSPT |
| CRANE151G-12 | 1/2" BSPT |
| CRANE151G-34 | 3/4" BSPT |
| CRANE151G-1 | 1" BSPT |
| CRANE151G-114 | 1 1/4" BSPT |
| CRANE151G-112 | 1 1/2" BSPT |
| CRANE151G-2 | 2" BSPT |
| CRANE151G-212 | 2 1/2" BSPT |

45° EQUAL ELBOW BSPT FEMALE



5360

| PART NUMBER | THREAD |
|---------------|-------------|
| CRANE155B-12 | 1/2" BSPT |
| CRANE155B-34 | 3/4" BSPT |
| CRANE155B-1 | 1" BSPT |
| CRANE155B-114 | 1 1/4" BSPT |
| CRANE155B-112 | 1 1/2" BSPT |
| CRANE155B-2 | 2" BSPT |

45° EQUAL ELBOW BSPT FEMALE



5360

| PART NUMBER | THREAD |
|---------------|-------------|
| CRANE155G-12 | 1/2" BSPT |
| CRANE155G-34 | 3/4" BSPT |
| CRANE155G-1 | 1" BSPT |
| CRANE155G-114 | 1 1/4" BSPT |
| CRANE155G-112 | 1 1/2" BSPT |
| CRANE155G-2 | 2" BSPT |

BLACK



EQUAL ELBOW
BSPT MALE / BSPT FEMALE

| PART NUMBER | THREAD |
|---------------|-------------|
| CRANE152B-14 | 1/4" BSPT |
| CRANE152B-38 | 3/8" BSPT |
| CRANE152B-12 | 1/2" BSPT |
| CRANE152B-34 | 3/4" BSPT |
| CRANE152B-1 | 1" BSPT |
| CRANE152B-114 | 1 1/4" BSPT |
| CRANE152B-112 | 1 1/2" BSPT |
| CRANE152B-2 | 2" BSPT |



45° ELBOW
BSPT MALE / BSPT FEMALE

| PART NUMBER | THREAD |
|---------------|-------------|
| CRANE156B-12 | 1/2" BSPT |
| CRANE156B-34 | 3/4" BSPT |
| CRANE156B-1 | 1" BSPT |
| CRANE156B-114 | 1 1/4" BSPT |
| CRANE156B-112 | 1 1/2" BSPT |
| CRANE156B-2 | 2" BSPT |



EQUAL BEND
BSPT MALE / BSPT FEMALE

| PART NUMBER | THREAD |
|---------------|-------------|
| CRANE192B-114 | 1 1/4" BSPT |
| CRANE192B-2 | 2" BSPT |



EQUAL BEND
BSPT FEMALE

| PART NUMBER | THREAD |
|---------------|-------------|
| CRANE193B-12 | 1/2" BSPT |
| CRANE193B-34 | 3/4" BSPT |
| CRANE193B-1 | 1" BSPT |
| CRANE193B-114 | 1 1/4" BSPT |
| CRANE193B-112 | 1 1/2" BSPT |
| CRANE193B-2 | 2" BSPT |

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EQUAL ELBOW
BSPT MALE / BSPT FEMALE

| PART NUMBER | THREAD |
|---------------|-------------|
| CRANE152G-14 | 1/4" BSPT |
| CRANE152G-12 | 1/2" BSPT |
| CRANE152G-34 | 3/4" BSPT |
| CRANE152G-1 | 1" BSPT |
| CRANE152G-114 | 1 1/4" BSPT |
| CRANE152G-112 | 1 1/2" BSPT |
| CRANE152G-2 | 2" BSPT |



45° ELBOW
BSPT MALE / BSPT FEMALE

| PART NUMBER | THREAD |
|---------------|-------------|
| CRANE156G-12 | 1/2" BSPT |
| CRANE156G-34 | 3/4" BSPT |
| CRANE156G-1 | 1" BSPT |
| CRANE156G-114 | 1 1/4" BSPT |
| CRANE156G-112 | 1 1/2" BSPT |
| CRANE156G-2 | 2" BSPT |



EQUAL BEND
BSPT MALE / BSPT FEMALE

| PART NUMBER | THREAD |
|---------------|-------------|
| CRANE192G-1 | 1" BSPT |
| CRANE192G-112 | 1 1/2" BSPT |
| CRANE192G-2 | 2" BSPT |



EQUAL BEND
BSPT FEMALE

| PART NUMBER | THREAD |
|---------------|-------------|
| CRANE193G-12 | 1/2" BSPT |
| CRANE193G-34 | 3/4" BSPT |
| CRANE193G-1 | 1" BSPT |
| CRANE193G-114 | 1 1/4" BSPT |
| CRANE193G-112 | 1 1/2" BSPT |
| CRANE193G-2 | 2" BSPT |

BLACK



5360

**EQUAL TEE
BSPT FEMALE**

| PART NUMBER | THREAD |
|---------------|-------------|
| CRANE161B-14 | 1/4" BSPT |
| CRANE161B-38 | 3/8" BSPT |
| CRANE161B-12 | 1/2" BSPT |
| CRANE161B-34 | 3/4" BSPT |
| CRANE161B-1 | 1" BSPT |
| CRANE161B-114 | 1 1/4" BSPT |
| CRANE161B-112 | 1 1/2" BSPT |
| CRANE161B-2 | 2" BSPT |
| CRANE161B-212 | 2 1/2" BSPT |



5360

**UNEQUAL REDUCING
BRANCH TEE
BSPT FEMALE**

| PART NUMBER | THREAD A | THREAD B | THREAD C |
|------------------|-------------|-------------|-------------|
| CRANE161B-112X12 | 1 1/2" | 1/2" | 1 1/2" |
| CRANE161B-2X114 | 2" | 1 1/4" | 2" |
| CRANE161B-2X112 | 2" | 1 1/2" | 2" |



5360

**EQUAL UNION
BSPT MALE / BSPT FEMALE**

| PART NUMBER | THREAD |
|---------------|-------------|
| CRANE257B-12 | 1/2" BSPT |
| CRANE257B-34 | 3/4" BSPT |
| CRANE257B-1 | 1" BSPT |
| CRANE257B-114 | 1 1/4" BSPT |
| CRANE257B-112 | 1 1/2" BSPT |
| CRANE257B-2 | 2" BSPT |



5360

**EQUAL SOCKET
BSPP FEMALE**

| PART NUMBER | THREAD |
|---------------|-------------|
| CRANE176B-12 | 1/2" BSPP |
| CRANE176B-34 | 3/4" BSPP |
| CRANE176B-1 | 1" BSPP |
| CRANE176B-114 | 1 1/4" BSPP |
| CRANE176B-112 | 1 1/2" BSPP |
| CRANE176B-2 | 2" BSPP |

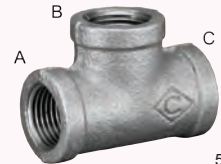
GALVANISED



5360

**EQUAL TEE
BSPT FEMALE**

| PART NUMBER | THREAD |
|---------------|-------------|
| CRANE161G-14 | 1/4" BSPT |
| CRANE161G-38 | 3/8" BSPT |
| CRANE161G-12 | 1/2" BSPT |
| CRANE161G-34 | 3/4" BSPT |
| CRANE161G-1 | 1" BSPT |
| CRANE161G-114 | 1 1/4" BSPT |
| CRANE161G-112 | 1 1/2" BSPT |
| CRANE161G-2 | 2" BSPT |
| CRANE161G-212 | 2 1/2" BSPT |



5360

**UNEQUAL REDUCING
BRANCH TEE
BSPT FEMALE**

| PART NUMBER | THREAD A | THREAD B | THREAD C |
|------------------|-------------|-------------|-------------|
| CRANE161G-112X12 | 1 1/2" | 1/2" | 1 1/2" |
| CRANE161G-2X114 | 2" | 1 1/4" | 2" |
| CRANE161G-2X112 | 2" | 1 1/2" | 2" |



5360

**EQUAL UNION
BSPT MALE / BSPT FEMALE**

| PART NUMBER | THREAD |
|---------------|-------------|
| CRANE257G-12 | 1/2" BSPT |
| CRANE257G-34 | 3/4" BSPT |
| CRANE257G-1 | 1" BSPT |
| CRANE257G-114 | 1 1/4" BSPT |
| CRANE257G-112 | 1 1/2" BSPT |
| CRANE257G-2 | 2" BSPT |



5360

**EQUAL SOCKET
BSPP FEMALE**

| PART NUMBER | THREAD |
|---------------|-------------|
| CRANE176G-12 | 1/2" BSPP |
| CRANE176G-1 | 1" BSPP |
| CRANE176G-114 | 1 1/4" BSPP |
| CRANE176G-112 | 1 1/2" BSPP |
| CRANE176G-2 | 2" BSPP |

BLACK

GALVANISED

CAP BSPT FEMALE



5360

| PART NUMBER | THREAD |
|---------------|-------------|
| CRANE185B-12 | 1/2" BSPT |
| CRANE185B-34 | 3/4" BSPT |
| CRANE185B-1 | 1" BSPT |
| CRANE185B-114 | 1 1/4" BSPT |
| CRANE185B-112 | 1 1/2" BSPT |
| CRANE185B-2 | 2" BSPT |

CAP BSPT FEMALE



5360

| PART NUMBER | THREAD |
|---------------|-------------|
| CRANE185G-12 | 1/2" BSPT |
| CRANE185G-34 | 3/4" BSPT |
| CRANE185G-1 | 1" BSPT |
| CRANE185G-114 | 1 1/4" BSPT |
| CRANE185G-112 | 1 1/2" BSPT |
| CRANE185G-2 | 2" BSPT |

REDUCING SOCKET BSPT FEMALE



5360

| PART NUMBER | THREAD | THREAD |
|-------------------|-------------|-------------|
| CRANE179B-12X38 | 1/2" BSPT | 3/8" BSPT |
| CRANE179B-34X12 | 3/4" BSPT | 1/2" BSPT |
| CRANE179B-1X12 | 1" BSPT | 1/2" BSPT |
| CRANE179B-1X34 | 1" BSPT | 3/4" BSPT |
| CRANE179B-114X34 | 1 1/4" BSPT | 3/4" BSPT |
| CRANE179B-114X1 | 1 1/4" BSPT | 1" BSPT |
| CRANE179B-112X1 | 1 1/2" BSPT | 1" BSPT |
| CRANE179B-112X114 | 1 1/2" BSPT | 1 1/4" BSPT |
| CRANE179B-2X1 | 2" BSPT | 1" BSPT |
| CRANE179B-2X114 | 2" BSPT | 1 1/4" BSPT |
| CRANE179B-2X112 | 2" BSPT | 1 1/2" BSPT |

REDUCING SOCKET BSPT FEMALE



5360

| PART NUMBER | THREAD | THREAD |
|-------------------|-------------|-------------|
| CRANE179G-12X38 | 1/2" BSPT | 3/8" BSPT |
| CRANE179G-34X12 | 3/4" BSPT | 1/2" BSPT |
| CRANE179G-1X12 | 1" BSPT | 1/2" BSPT |
| CRANE179G-1X34 | 1" BSPT | 3/4" BSPT |
| CRANE179G-114X34 | 1 1/4" BSPT | 3/4" BSPT |
| CRANE179G-114X1 | 1 1/4" BSPT | 1" BSPT |
| CRANE179G-112X1 | 1 1/2" BSPT | 1" BSPT |
| CRANE179G-112X114 | 1 1/2" BSPT | 1 1/4" BSPT |
| CRANE179G-2X1 | 2" BSPT | 1" BSPT |
| CRANE179G-2X114 | 2" BSPT | 1 1/4" BSPT |
| CRANE179G-2X112 | 2" BSPT | 1 1/2" BSPT |

HOLLOW PLAIN PLUG BSPT MALE



5360

| PART NUMBER | THREAD |
|---------------|-------------|
| CRANE147B-34 | 3/4" BSPT |
| CRANE147B-1 | 1" BSPT |
| CRANE147B-114 | 1 1/4" BSPT |
| CRANE147B-112 | 1 1/2" BSPT |
| CRANE147B-2 | 2" BSPT |

HOLLOW PLAIN PLUG BSPT MALE



5360

| PART NUMBER | THREAD |
|---------------|-------------|
| CRANE147G-34 | 3/4" BSPT |
| CRANE147G-1 | 1" BSPT |
| CRANE147G-114 | 1 1/4" BSPT |
| CRANE147G-112 | 1 1/2" BSPT |
| CRANE147G-2 | 2" BSPT |



PARKAIR® 304 Stainless Steel Press Fittings

Applications

A cost saving grade 304 stainless steel fitting designed for use with:

- Drinking water (fully WRAS approved)
- Purified water
- Heating
- Cooling water (chilled water)
- Boosted cold water
- Plant rooms
- Steam condensate
- Flammable gases classed and according to DVGW G 260 and G 262 (HNBR Gas Approved yellow seals)
- Compressed air, argon, nitrogen, carbon dioxide

Materials

Formed components (fittings) material no.:
1.4404 according to EN 10088/304

Casting components (threaded fittings) material no.:
1.4408 according to EN 10283/304

Pipes material no.:
1.4301 according to EN 10088-3

Pressure and Temperature Ratings

When used alongside fittings with EPDM seals for applications other than compressed air:

15 – 108 mm: (PN16) 16 bar -30°C to +120°C

When used alongside fittings with HNBR seals for applications involving flammable gasses:

15 – 108 mm: (PN5) 5 bar -20°C to +70°C

When used alongside fittings with EPDM seals for compressed air:

15 – 108 mm: (PN16) 16 bar -30°C to +120°C

**316 stainless steel press fittings also available.
Please contact your distributor for further information.**





5500

STRAIGHT COUPLING

| PART NUMBER | TUBE OD |
|---------------|---------|
| MPF-150001515 | 15 mm |
| MPF-150002222 | 22 mm |
| MPF-150002828 | 28 mm |
| MPF-150003535 | 35 mm |
| MPF-150004242 | 42 mm |
| MPF-150005454 | 54 mm |



5500

STRAIGHT REDUCER COUPLING

| PART NUMBER | TUBE OD | TUBE OD |
|---------------|---------|---------|
| MPF-154302215 | 22 mm | 15 mm |
| MPF-154302815 | 28 mm | 15 mm |
| MPF-154302822 | 28 mm | 22 mm |
| MPF-154303522 | 35 mm | 22 mm |
| MPF-154303528 | 35 mm | 28 mm |
| MPF-154304228 | 42 mm | 28 mm |
| MPF-154304235 | 42 mm | 35 mm |
| MPF-154305428 | 54 mm | 28 mm |
| MPF-154305435 | 54 mm | 35 mm |
| MPF-154305442 | 54 mm | 42 mm |



5500

STRAIGHT ADAPTOR BSPT MALE

| PART NUMBER | TUBE OD | THREAD |
|----------------|---------|-------------|
| MPF-1501015012 | 15 mm | 1/2" BSPT |
| MPF-1501022034 | 22 mm | 3/4" BSPT |
| MPF-1501028100 | 28 mm | 1" BSPT |
| MPF-1501035114 | 35 mm | 1 1/4" BSPT |
| MPF-1501042112 | 42 mm | 1 1/2" BSPT |
| MPF-1501054200 | 54 mm | 2" BSPT |



5500

STRAIGHT ADAPTOR BSPP FEMALE

| PART NUMBER | TUBE OD | THREAD |
|----------------|---------|-------------|
| MPF-1502015012 | 15 mm | 1/2" BSPP |
| MPF-1502022034 | 22 mm | 3/4" BSPP |
| MPF-1502028100 | 28 mm | 3/4" BSPP |
| MPF-1502035114 | 35 mm | 1 1/4" BSPP |
| MPF-1502042112 | 42 mm | 1 1/2" BSPP |
| MPF-1502054200 | 54 mm | 2" BSPP |



5500

90° BEND

| PART NUMBER | TUBE OD |
|---------------|---------|
| MPF-152001515 | 15 mm |
| MPF-152002222 | 22 mm |
| MPF-152002828 | 28 mm |
| MPF-152003535 | 35 mm |
| MPF-152004242 | 42 mm |
| MPF-152005454 | 54 mm |



5500

Ø 90° BEND

| PART NUMBER | TUBE OD |
|---------------|---------|
| MPF-152101515 | 15 mm |
| MPF-152102222 | 22 mm |
| MPF-152102828 | 28 mm |
| MPF-152103535 | 35 mm |
| MPF-152104242 | 42 mm |
| MPF-152105454 | 54 mm |



5500

45° BEND

| PART NUMBER | TUBE OD |
|---------------|---------|
| MPF-152301515 | 15 mm |
| MPF-152302222 | 22 mm |
| MPF-152302828 | 28 mm |
| MPF-152303535 | 35 mm |
| MPF-152304242 | 42 mm |
| MPF-152305454 | 54 mm |



5500

Ø 45° BEND

| PART NUMBER | TUBE OD |
|---------------|---------|
| MPF-152401515 | 15 mm |
| MPF-152402222 | 22 mm |
| MPF-152402828 | 28 mm |
| MPF-152403535 | 35 mm |
| MPF-152404242 | 42 mm |
| MPF-152405454 | 54 mm |

All fittings supplied with black seals EPDM as standard



EQUAL TEE COUPLING

5500

| PART NUMBER | TUBE OD |
|-----------------|---------|
| MPF-15100151515 | 15 mm |
| MPF-15100222222 | 22 mm |
| MPF-15100282828 | 28 mm |
| MPF-15100353535 | 35 mm |
| MPF-15100424242 | 42 mm |
| MPF-15100545454 | 54 mm |



REDUCING TEE COUPLING

5500

| PART NUMBER | TUBE OD | TUBE OD | TUBE OD |
|-----------------|---------|---------|---------|
| MPF-15110221522 | 22 mm | 15 mm | 22 mm |
| MPF-15110281528 | 28 mm | 15 mm | 28 mm |
| MPF-15110282228 | 28 mm | 22 mm | 28 mm |
| MPF-15110352235 | 35 mm | 22 mm | 35 mm |
| MPF-15110352835 | 35 mm | 28 mm | 35 mm |
| MPF-15110423542 | 42 mm | 35 mm | 42 mm |
| MPF-15110544254 | 54 mm | 42 mm | 54 mm |



TEE COUPLING BSPP FEMALE

5500

| PART NUMBER | TUBE OD | THREAD | TUBE OD |
|-----------------|---------|-----------|---------|
| MPF-15120151215 | 15 mm | 1/2" BSPP | 15 mm |
| MPF-15120221222 | 22 mm | 1/2" BSPP | 22 mm |
| MPF-15120281228 | 28 mm | 1/2" BSPP | 28 mm |
| MPF-15120351235 | 35 mm | 1/2" BSPP | 35 mm |
| MPF-15120421242 | 42 mm | 1/2" BSPP | 42 mm |
| MPF-15120541254 | 54 mm | 1/2" BSPP | 54 mm |



WALLPLATE BSPP FEMALE

5500

| PART NUMBER | TUBE OD | THREAD |
|----------------|---------|-----------|
| MPF-1534015012 | 15 mm | 1/2" BSPP |



304 STAINLESS STEEL TUBE 6 METRE LENGTH

5500

| PART NUMBER | TUBE OD | LENGTH |
|---------------|---------|--------|
| MPF-129401506 | 15 mm | 6 m |
| MPF-129402207 | 22 mm | 6 m |
| MPF-129402808 | 28 mm | 6 m |
| MPF-129403510 | 35 mm | 6 m |
| MPF-129404211 | 42 mm | 6 m |
| MPF-129405412 | 54 mm | 6 m |

Do you also need?



Master Pneumatics
air preparation
products



Find it on pages 278 – 302, section five

MAP 215 FEATURES

- Suitable for stainless steel & carbon steel as well as copper press fittings in sizes up to 28 mm
- 350° rotating jaw holder
- Built-in LED lamp & OLED display with clock
- Automatic stop and retraction when crimp completed saves time & battery life
- Quickstop function for safety
- Hydraulic pressure control for precise control of crimping force
- Easy operation due to compact, lightweight design with secure grip

SPECIFICATIONS

| | |
|---------------------------|---------------------------------|
| Pressing / crimping force | 15kN |
| Battery | Makita lithium-ion (18v, 1.5Ah) |
| Battery capacity | Approx. 150 press cycles |
| Charging time | Approx. 25 minutes |

CONTENTS

- Klauke MAP215 machine
- 1 battery
- Charger
- 3 M-profile press jaws (15 mm, 22 mm & 28 mm)



New

MAP 215 PRESS TOOL SET

5520

| PART NUMBER | CRIMPING FORCE |
|----------------------|----------------|
| MPF-MAP215CLMPRS3-KI | 15 kN |

MAP 219 FEATURES

- Suitable for stainless steel & carbon steel as well as copper press fittings in sizes up to 35 mm
- 350° rotating jaw holder
- Built-in LED lamp & OLED display with clock
- Automatic stop and retraction when crimp completed saves time & battery life
- Quickstop function for safety
- Hydraulic pressure control for precise control of crimping force
- Easy operation due to compact, lightweight design with secure grip

SPECIFICATIONS

| | |
|---------------------------|---------------------------------|
| Pressing / crimping force | 19kN |
| Battery | Makita lithium-ion (18v, 1.5Ah) |
| Battery capacity | Approx. 150 press cycles |
| Charging time | Approx. 25 minutes |

CONTENTS

- Klauke MAP219 machine
- 1 battery
- Charger
- 4 M-profile press jaws (15 mm, 22 mm, 28 mm & 35 mm)



New

MAP 219 PRESS TOOL SET

5520

| PART NUMBER | CRIMPING FORCE |
|-------------------|----------------|
| MPF-MAP219CLMPRS4 | 19 kN |

Other tool sizes available on request. Please contact your distributor for further information.

New

BLACK EPDM O-RING FOR STANDARD APPLICATIONS



5500

| PART NUMBER | TUBE OD |
|-------------|---------|
| MPF-1282015 | 15 mm |
| MPF-1282022 | 22 mm |
| MPF-1282028 | 28 mm |
| MPF-1282035 | 35 mm |
| MPF-1282042 | 42 mm |
| MPF-1282054 | 54 mm |

New

YELLOW HNBR O-RING FOR GAS APPLICATIONS



5500

| PART NUMBER | TUBE OD |
|-------------|---------|
| MPF-1286015 | 15 mm |
| MPF-1286022 | 22 mm |
| MPF-1286028 | 28 mm |
| MPF-1286035 | 35 mm |
| MPF-1286042 | 42 mm |
| MPF-1286054 | 54 mm |

New

GREEN FKM O-RING FOR INDUSTRIAL APPLICATIONS



5500

| PART NUMBER | TUBE OD |
|-------------|---------|
| MPF-1284015 | 15 mm |
| MPF-1284022 | 22 mm |
| MPF-1284028 | 28 mm |
| MPF-1284035 | 35 mm |
| MPF-1284042 | 42 mm |
| MPF-1284054 | 54 mm |



PARKAIR® Carbon Steel Press Fittings

Applications

A premium grade carbon steel pipe with a 10-year guarantee, designed for use with:

- Heating (closed systems only)
- Cooling water (chilled water – closed systems only)
- Compressed air
- Sprinkler systems (pressurised systems only)

Materials

Formed components (fittings) material no.1.0034 according to EN 10305, ext galvanised

Casting components (threaded fittings) material no.1.0034 according to EN 10305, ext galvanised

Pressure and Temperature Ratings

When used alongside fittings with EPDM seals for applications other than compressed air:

15 – 108 mm: (PN16) 16 bar -30°C to +100°C

When used alongside fittings with EPDM / FKM seals for compressed air:

15 – 108 mm: (PN16) 16 bar -30°C to +100°C

When used for extinguishing water:

15 – 108 mm: (PN16) 16 bar -30°C to +100°C



New



5510

STRAIGHT COUPLING

| PART NUMBER | TUBE OD |
|---------------|---------|
| MPF-230001515 | 15 mm |
| MPF-230002222 | 22 mm |
| MPF-230002828 | 28 mm |
| MPF-230003535 | 35 mm |
| MPF-230004242 | 42 mm |
| MPF-230005454 | 54 mm |

New



5510

STRAIGHT REDUCER COUPLING

| PART NUMBER | TUBE OD | TUBE OD |
|---------------|---------|---------|
| MPF-234302215 | 22 mm | 15 mm |
| MPF-234302815 | 28 mm | 15 mm |
| MPF-234302822 | 28 mm | 22 mm |
| MPF-234303522 | 35 mm | 22 mm |
| MPF-234303528 | 35 mm | 28 mm |
| MPF-234304222 | 42 mm | 22 mm |
| MPF-234304228 | 42 mm | 28 mm |
| MPF-234304235 | 42 mm | 35 mm |
| MPF-234305422 | 54 mm | 22 mm |
| MPF-234305428 | 54 mm | 28 mm |
| MPF-234305435 | 54 mm | 35 mm |
| MPF-234305442 | 54 mm | 42 mm |

New



5510

STRAIGHT REDUCER

| PART NUMBER | TUBE OD | TUBE OD |
|---------------|---------|---------|
| MPF-230302215 | 22 mm | 15 mm |
| MPF-230302815 | 28 mm | 15 mm |
| MPF-230302822 | 28 mm | 22 mm |
| MPF-230303528 | 35 mm | 28 mm |

New



5510

SLIP COUPLING

| PART NUMBER | TUBE OD |
|---------------|---------|
| MPF-230401515 | 15 mm |
| MPF-230402222 | 22 mm |
| MPF-230402828 | 28 mm |
| MPF-230403535 | 35 mm |
| MPF-230404242 | 42 mm |
| MPF-230405454 | 54 mm |

New



5510

STRAIGHT ADAPTOR BSPT MALE

| PART NUMBER | TUBE OD | THREAD |
|----------------|---------|-------------|
| MPF-2301015038 | 15 mm | 3/8" BSPT |
| MPF-2301015012 | 15 mm | 1/2" BSPT |
| MPF-2301022012 | 22 mm | 1/2" BSPT |
| MPF-2301022034 | 22 mm | 3/4" BSPT |
| MPF-2301022100 | 22 mm | 1" BSPT |
| MPF-2301028034 | 28 mm | 3/4" BSPT |
| MPF-2301028100 | 28 mm | 1" BSPT |
| MPF-2301035100 | 35 mm | 1" BSPT |
| MPF-2301035114 | 35 mm | 1 1/4" BSPT |
| MPF-2301042112 | 42 mm | 1 1/2" BSPT |
| MPF-2301054200 | 54 mm | 2" BSPT |

New



5510

STRAIGHT ADAPTOR BSPP FEMALE

| PART NUMBER | TUBE OD | THREAD |
|----------------|---------|-------------|
| MPF-2302015012 | 15 mm | 1/2" BSPP |
| MPF-2302022012 | 22 mm | 1/2" BSPP |
| MPF-2302022034 | 22 mm | 3/4" BSPP |
| MPF-2302022100 | 22 mm | 1" BSPP |
| MPF-2302028100 | 28 mm | 1" BSPP |
| MPF-2302035114 | 35 mm | 1 1/4" BSPP |
| MPF-2302042112 | 42 mm | 1 1/2" BSPP |
| MPF-2302054200 | 54 mm | 2" BSPP |

New



5510

STRAIGHT ADAPTOR BSPT MALE

| PART NUMBER | TUBE OD | THREAD |
|----------------|---------|-----------|
| MPF-2345015012 | 15 mm | 1/2" BSPT |
| MPF-2345022034 | 22 mm | 3/4" BSPT |

New



5510

STRAIGHT ADAPTOR BSPP FEMALE

| PART NUMBER | TUBE OD | THREAD |
|----------------|---------|-----------|
| MPF-2346015012 | 15 mm | 1/2" BSPP |
| MPF-2346022012 | 22 mm | 1/2" BSPP |
| MPF-2346022034 | 22 mm | 3/4" BSPP |

New

JOINT CONNECTOR WITH FLAT SEAL BSPT MALE



5510

| PART NUMBER | TUBE OD | THREAD |
|----------------|---------|-------------|
| MPF-2308015012 | 15 mm | 1/2" BSPT |
| MPF-2308022034 | 22 mm | 3/4" BSPT |
| MPF-2308028100 | 28 mm | 1" BSPT |
| MPF-2308035114 | 35 mm | 1 1/4" BSPT |
| MPF-2308042112 | 42 mm | 1 1/2" BSPT |
| MPF-2308054200 | 54 mm | 2" BSPT |

New

TAP CONNECTOR BSPP FEMALE



5510

| PART NUMBER | TUBE OD | THREAD |
|----------------|---------|-------------|
| MPF-2307015034 | 15 mm | 3/4" BSPP |
| MPF-2307022100 | 22 mm | 1" BSPP |
| MPF-2307028114 | 28 mm | 1 1/4" BSPP |
| MPF-2307035112 | 35 mm | 1 1/2" BSPP |

New

90° BEND



5510

| PART NUMBER | TUBE OD |
|---------------|---------|
| MPF-232001515 | 15 mm |
| MPF-232002222 | 22 mm |
| MPF-232002828 | 28 mm |
| MPF-232003535 | 35 mm |
| MPF-232004242 | 42 mm |
| MPF-232005454 | 54 mm |

New

Ø 90° BEND



5510

| PART NUMBER | TUBE OD |
|---------------|---------|
| MPF-232101515 | 15 mm |
| MPF-232102222 | 22 mm |
| MPF-232102828 | 28 mm |
| MPF-232103535 | 35 mm |
| MPF-232104242 | 42 mm |
| MPF-232105454 | 54 mm |

New

90° BEND BSPT MALE



5510

| PART NUMBER | TUBE OD | THREAD |
|----------------|---------|-------------|
| MPF-2325015012 | 15 mm | 1/2" BSPT |
| MPF-2325022034 | 22 mm | 3/4" BSPT |
| MPF-2325028100 | 28 mm | 1" BSPT |
| MPF-2325035114 | 35 mm | 1 1/4" BSPT |
| MPF-2325042112 | 42 mm | 1 1/2" BSPT |
| MPF-2325054200 | 54 mm | 2" BSPT |

New

90° BEND BSPP FEMALE



5510

| PART NUMBER | TUBE OD | THREAD |
|----------------|---------|-------------|
| MPF-2326015012 | 15 mm | 1/2" BSPP |
| MPF-2326022034 | 22 mm | 3/4" BSPP |
| MPF-2326028100 | 28 mm | 1" BSPP |
| MPF-2326035114 | 35 mm | 1 1/4" BSPP |

New

45° BEND



5510

| PART NUMBER | TUBE OD |
|---------------|---------|
| MPF-232301515 | 15 mm |
| MPF-232302222 | 22 mm |
| MPF-232302828 | 28 mm |
| MPF-232303535 | 35 mm |
| MPF-232304242 | 42 mm |
| MPF-232305454 | 54 mm |

New

Ø 45° BEND



5510

| PART NUMBER | TUBE OD |
|---------------|---------|
| MPF-232401515 | 15 mm |
| MPF-232402222 | 22 mm |
| MPF-232402828 | 28 mm |
| MPF-232403535 | 35 mm |
| MPF-232404242 | 42 mm |
| MPF-232405454 | 54 mm |

New

ELBOW TRANSITION BSPT MALE



5510

| PART NUMBER | TUBE OD | THREAD |
|----------------|---------|-----------|
| MPF-2331015012 | 15 mm | 1/2" BSPT |
| MPF-2331022034 | 22 mm | 3/4" BSPT |

New

EQUAL TEE



5510

| PART NUMBER | TUBE OD |
|-----------------|---------|
| MPF-23100151515 | 15 mm |
| MPF-23100222222 | 22 mm |
| MPF-23100282828 | 28 mm |
| MPF-23100353535 | 35 mm |
| MPF-23100424242 | 42 mm |
| MPF-23100545454 | 54 mm |

New

TEE BSPP FEMALE



5510

| PART NUMBER | TUBE OD | THREAD | TUBE OD |
|-----------------|---------|-----------|---------|
| MPF-23120151215 | 15 mm | 1/2" BSPP | 15 mm |
| MPF-23120221222 | 22 mm | 1/2" BSPP | 22 mm |
| MPF-23120223422 | 22 mm | 3/4" BSPP | 22 mm |
| MPF-23120281228 | 28 mm | 1/2" BSPP | 28 mm |
| MPF-23120283428 | 28 mm | 3/4" BSPP | 28 mm |
| MPF-23120351235 | 35 mm | 1/2" BSPP | 35 mm |
| MPF-23120353435 | 35 mm | 3/4" BSPP | 35 mm |
| MPF-23120421242 | 42 mm | 1/2" BSPP | 42 mm |
| MPF-23120423442 | 42 mm | 3/4" BSPP | 42 mm |
| MPF-23120541254 | 54 mm | 1/2" BSPP | 54 mm |
| MPF-23120543454 | 54 mm | 3/4" BSPP | 54 mm |

New

REDUCING TEE



5510

| PART NUMBER | TUBE OD | TUBE OD | TUBE OD |
|-----------------|---------|---------|---------|
| MPF-23110152215 | 15 mm | 22 mm | 15 mm |
| MPF-23110221522 | 22 mm | 15 mm | 22 mm |
| MPF-23110222822 | 22 mm | 28 mm | 22 mm |
| MPF-23110281528 | 28 mm | 15 mm | 28 mm |
| MPF-23110282228 | 28 mm | 22 mm | 28 mm |
| MPF-23110351535 | 35 mm | 15 mm | 35 mm |
| MPF-23110352235 | 35 mm | 22 mm | 35 mm |
| MPF-23110352835 | 35 mm | 28 mm | 35 mm |
| MPF-23110422242 | 42 mm | 22 mm | 42 mm |
| MPF-23110422842 | 42 mm | 28 mm | 42 mm |
| MPF-23110423542 | 42 mm | 35 mm | 42 mm |
| MPF-23110542254 | 54 mm | 22 mm | 54 mm |
| MPF-23110542854 | 54 mm | 28 mm | 54 mm |
| MPF-23110543554 | 54 mm | 35 mm | 54 mm |
| MPF-23110544254 | 54 mm | 42 mm | 54 mm |

New

END CAP



5510

| PART NUMBER | TUBE OD |
|-------------|---------|
| MPF-2341015 | 15 mm |
| MPF-2341022 | 22 mm |
| MPF-2341028 | 28 mm |
| MPF-2341035 | 35 mm |
| MPF-2341042 | 42 mm |
| MPF-2341054 | 54 mm |

New

REDUCING TEE



5510

| PART NUMBER | TUBE OD | TUBE OD | TUBE OD |
|-----------------|---------|---------|---------|
| MPF-23115221515 | 22 mm | 15 mm | 15 mm |
| MPF-2311522215 | 22 mm | 22 mm | 15 mm |
| MPF-23115282222 | 28 mm | 22 mm | 22 mm |
| MPF-23115282822 | 28 mm | 28 mm | 22 mm |

New

PIPE



GALVANISED INSIDE & OUT

5510

| PART NUMBER | TUBE OD | LENGTH |
|---------------|---------|--------|
| MPF-239801512 | 15 mm | 6 m |
| MPF-239802215 | 22 mm | 6 m |
| MPF-239802815 | 28 mm | 6 m |
| MPF-239803515 | 35 mm | 6 m |
| MPF-239804215 | 42 mm | 6 m |
| MPF-239805415 | 54 mm | 6 m |

New

PARTIAL CROSSOVER



5510

| PART NUMBER | TUBE OD |
|---------------|---------|
| MPF-233601515 | 15 mm |
| MPF-233602222 | 22 mm |
| MPF-233602828 | 28 mm |

New

90° BEND



5510

| PART NUMBER | TUBE OD |
|---------------|---------|
| MPF-233501515 | 15 mm |
| MPF-233502222 | 22 mm |
| MPF-233502828 | 28 mm |
| MPF-233503535 | 35 mm |
| MPF-233504242 | 42 mm |
| MPF-233505454 | 54 mm |



PARKAIR® Copper Press Fittings

Applications

A premium grade copper fitting, designed for use with:

- Drinking water (fully WRAS approved)
- Purified water
- Heating
- Cooling water (chilled water)
- Boosted cold water
- Plant rooms
- Steam condensate
- Flammable gases classed and according to DVGW G 260 (HNBR Gas Approved yellow seals)
- Compressed air, argon, nitrogen, carbon dioxide

Materials

Formed components (fittings) material no.: CW024A according to EN 1254

Casting components (threaded fittings) material no.: CC499K according to EN 1282

Pressure and Temperature Ratings

When used alongside fittings with EPDM seals for applications other than compressed air:

15 – 108 mm: (PN16) 16 bar -30°C to +120°C

When used alongside fittings with HNBR seals for applications involving flammable gasses:

15 – 108 mm: (PN5) 5 bar -20°C to +70°C

When used alongside fittings with EPDM seals for compressed air:

15 – 108 mm: (PN16) 16 bar -30°C to +120°C

O-ring Colour Code

Black EPDM – ethylene, propylene, diene, monomer rubber.

Green FKM – fluorocarbon.

Yellow HNBR – hydrogenated nitrile, butadiene rubber.



New



5510

STRAIGHT COUPLING

| PART NUMBER | TUBE OD |
|---------------|---------|
| MPF-680001515 | 15 mm |
| MPF-680002222 | 22 mm |
| MPF-680002828 | 28 mm |
| MPF-680003535 | 35 mm |
| MPF-680004242 | 42 mm |
| MPF-680005454 | 54 mm |

New



5510

STRAIGHT REDUCER COUPLING

| PART NUMBER | TUBE OD | TUBE OD |
|---------------|---------|---------|
| MPF-684302215 | 22 mm | 15 mm |
| MPF-684302815 | 28 mm | 15 mm |
| MPF-684302822 | 28 mm | 22 mm |
| MPF-684303522 | 35 mm | 22 mm |
| MPF-684303528 | 35 mm | 28 mm |
| MPF-684304222 | 42 mm | 22 mm |
| MPF-684304228 | 42 mm | 28 mm |
| MPF-684304235 | 42 mm | 35 mm |
| MPF-684305435 | 54 mm | 35 mm |
| MPF-684305442 | 54 mm | 42 mm |

New



5510

STRAIGHT ADAPTOR BSPT MALE

| PART NUMBER | TUBE OD | THREAD |
|-----------------|---------|-------------|
| MPF-6801015012 | 15 mm | 1/2" BSPT |
| MPF-6801015034 | 15 mm | 3/4" BSPT |
| MPF-6801022012 | 22 mm | 1/2" BSPT |
| MPF-6801022034 | 22 mm | 3/4" BSPT |
| MPF-68010220100 | 22 mm | 1" BSPT |
| MPF-6801028034 | 28 mm | 3/4" BSPT |
| MPF-6801028100 | 28 mm | 1" BSPT |
| MPF-6801035114 | 35 mm | 1 1/4" BSPT |
| MPF-6801042112 | 42 mm | 1 1/2" BSPT |
| MPF-6801054200 | 54 mm | 2" BSPT |

New



5510

STRAIGHT ADAPTOR BSPP FEMALE

| PART NUMBER | TUBE OD | THREAD |
|----------------|---------|-------------|
| MPF-6802015012 | 15 mm | 1/2" BSPP |
| MPF-6802015034 | 15 mm | 3/4" BSPP |
| MPF-6802022012 | 22 mm | 1/2" BSPP |
| MPF-6802022034 | 22 mm | 3/4" BSPP |
| MPF-6802022100 | 22 mm | 1" BSPP |
| MPF-6802028034 | 28 mm | 3/4" BSPP |
| MPF-6802028100 | 28 mm | 1" BSPP |
| MPF-6802035114 | 35 mm | 1 1/4" BSPP |
| MPF-6802042112 | 42 mm | 1 1/2" BSPP |
| MPF-6802054200 | 54 mm | 2" BSPP |

New



5510

STRAIGHT REDUCER

| PART NUMBER | TUBE OD | TUBE OD |
|---------------|---------|---------|
| MPF-680302215 | 22 mm | 15 mm |
| MPF-680302822 | 28 mm | 22 mm |

New



5510

END CAP

| PART NUMBER | TUBE OD |
|-------------|---------|
| MPF-6841015 | 15 mm |
| MPF-6841022 | 22 mm |
| MPF-6841028 | 28 mm |
| MPF-6841035 | 35 mm |
| MPF-6841042 | 42 mm |
| MPF-6841054 | 54 mm |

New



5510

SLIP COUPLING

| PART NUMBER | TUBE OD |
|---------------|---------|
| MPF-680401515 | 15 mm |
| MPF-680402222 | 22 mm |
| MPF-680402828 | 28 mm |
| MPF-680403535 | 35 mm |
| MPF-680404242 | 42 mm |
| MPF-680405454 | 54 mm |

New



5510

STRAIGHT ADAPTOR INSERT BSPP FEMALE

| PART NUMBER | TUBE OD | THREAD |
|----------------|---------|-----------|
| MPF-6846015012 | 15 mm | 1/2" BSPP |
| MPF-6846022034 | 22 mm | 3/4" BSPP |

All fittings supplied with black seals EPDM as standard



5510

90° BEND

| PART NUMBER | TUBE OD |
|---------------|---------|
| MPF-682001515 | 15 mm |
| MPF-682002222 | 22 mm |
| MPF-682002828 | 28 mm |
| MPF-682003535 | 35 mm |
| MPF-682004242 | 42 mm |
| MPF-682005454 | 54 mm |



5510

Ø 90° BEND

| PART NUMBER | TUBE OD |
|---------------|---------|
| MPF-682101515 | 15 mm |
| MPF-682102222 | 22 mm |
| MPF-682102828 | 28 mm |
| MPF-682103535 | 35 mm |
| MPF-682104242 | 42 mm |
| MPF-682105454 | 54 mm |



5510

45° BEND

| PART NUMBER | TUBE OD |
|---------------|---------|
| MPF-682301515 | 15 mm |
| MPF-682302222 | 22 mm |
| MPF-682302828 | 28 mm |
| MPF-682303535 | 35 mm |
| MPF-682304242 | 42 mm |
| MPF-682305454 | 54 mm |



5510

Ø 45° BEND

| PART NUMBER | TUBE OD |
|---------------|---------|
| MPF-682401515 | 15 mm |
| MPF-682402222 | 22 mm |
| MPF-682402828 | 28 mm |
| MPF-682403535 | 35 mm |
| MPF-682404242 | 42 mm |
| MPF-682405454 | 54 mm |



5510

90° BEND BSPT MALE

| PART NUMBER | TUBE OD | THREAD |
|----------------|---------|-----------|
| MPF-6831015012 | 15 mm | 1/2" BSPT |
| MPF-6831022034 | 22 mm | 3/4" BSPT |
| MPF-6831028100 | 28 mm | 1" BSPT |



5510

90° BEND BSPP FEMALE

| PART NUMBER | TUBE OD | THREAD |
|----------------|---------|-----------|
| MPF-6832015012 | 15 mm | 1/2" BSPP |
| MPF-6832022034 | 22 mm | 3/4" BSPP |
| MPF-6832028100 | 28 mm | 1" BSPP |



5510

EQUAL TEE COUPLING

| PART NUMBER | TUBE OD |
|-----------------|---------|
| MPF-68100151515 | 15 mm |
| MPF-68100222222 | 22 mm |
| MPF-68100282828 | 28 mm |
| MPF-68100353535 | 35 mm |
| MPF-68100424242 | 42 mm |
| MPF-68100545454 | 54 mm |



5510

REDUCING TEE COUPLING

| PART NUMBER | TUBE OD | TUBE OD | TUBE OD |
|----------------|---------|---------|---------|
| MPF-6811221515 | 22 mm | 15 mm | 15 mm |
| MPF-6811222215 | 22 mm | 22 mm | 15 mm |
| MPF-6811282222 | 28 mm | 22 mm | 22 mm |
| MPF-6811282822 | 28 mm | 28 mm | 22 mm |

New

TEE COUPLING BSPP FEMALE



5510

| PART NUMBER | TUBE OD | THREAD | TUBE OD |
|-----------------|---------|-----------|---------|
| MPF-68120151215 | 15 mm | 1/2" BSPP | 15 mm |
| MPF-68120221222 | 22 mm | 1/2" BSPP | 22 mm |
| MPF-68120223422 | 22 mm | 3/4" BSPP | 22 mm |
| MPF-68120281228 | 28 mm | 1/2" BSPP | 28 mm |
| MPF-68120283428 | 28 mm | 3/4" BSPP | 28 mm |
| MPF-68120351235 | 35 mm | 1/2" BSPP | 35 mm |
| MPF-68120421242 | 42 mm | 1/2" BSPP | 42 mm |
| MPF-68120541254 | 54 mm | 1/2" BSPP | 54 mm |

New

COPPER UNION BSPT MALE



5510

| PART NUMBER | TUBE OD | THREAD |
|----------------|---------|-------------|
| MPF-6808015012 | 15 mm | 1/2" BSPT |
| MPF-6808022034 | 22 mm | 3/4" BSPT |
| MPF-6808028100 | 28 mm | 1" BSPT |
| MPF-6808035114 | 35 mm | 1 1/4" BSPT |
| MPF-6808042112 | 42 mm | 1 1/2" BSPT |
| MPF-6808054200 | 54 mm | 2" BSPT |

New

COPPER UNION



5510

| PART NUMBER | TUBE OD |
|----------------|---------|
| MPF-6809115012 | 15 mm |
| MPF-6809122034 | 22 mm |
| MPF-6809128100 | 28 mm |
| MPF-6809135114 | 35 mm |
| MPF-6809142112 | 42 mm |
| MPF-6809154200 | 54 mm |

New

WALLPLATE BSPP FEMALE



5510

| PART NUMBER | TUBE OD | THREAD |
|----------------|---------|-----------|
| MPF-6834015012 | 15 mm | 1/2" BSPP |

New

REDUCING TEE COUPLING



5510

| PART NUMBER | TUBE OD | TUBE OD | TUBE OD |
|-----------------|---------|---------|---------|
| MPF-68110221522 | 22 mm | 15 mm | 22 mm |
| MPF-68110281528 | 28 mm | 15 mm | 28 mm |
| MPF-68110282228 | 28 mm | 22 mm | 28 mm |
| MPF-68110351535 | 35 mm | 15 mm | 35 mm |
| MPF-68110352235 | 35 mm | 22 mm | 35 mm |
| MPF-68110352835 | 35 mm | 28 mm | 35 mm |
| MPF-68110421542 | 42 mm | 15 mm | 42 mm |
| MPF-68110422242 | 42 mm | 22 mm | 42 mm |
| MPF-68110422842 | 42 mm | 28 mm | 42 mm |
| MPF-68110423542 | 42 mm | 35 mm | 42 mm |
| MPF-68110542254 | 54 mm | 22 mm | 54 mm |
| MPF-68110542854 | 54 mm | 28 mm | 54 mm |
| MPF-68110543554 | 54 mm | 35 mm | 54 mm |
| MPF-68110544254 | 54 mm | 42 mm | 54 mm |

New

COPPER UNION BSPP FEMALE



5500

| PART NUMBER | TUBE OD | THREAD |
|----------------|---------|-------------|
| MPF-6809015012 | 15 mm | 1/2" BSPP |
| MPF-6809022034 | 22 mm | 3/4" BSPP |
| MPF-6809028100 | 28 mm | 1" BSPP |
| MPF-6809035114 | 35 mm | 1 1/4" BSPP |
| MPF-6809042112 | 42 mm | 1 1/2" BSPP |
| MPF-6809054200 | 54 mm | 2" BSPP |

New

TAP CONNECTOR BSPP FEMALE



5510

| PART NUMBER | TUBE OD | THREAD |
|----------------|---------|-------------|
| MPF-6807015012 | 15 mm | 1/2" BSPP |
| MPF-6807015034 | 15 mm | 3/4" BSPP |
| MPF-6807022034 | 22 mm | 3/4" BSPP |
| MPF-6807022100 | 22 mm | 1" BSPP |
| MPF-6807028114 | 28 mm | 1 1/4" BSPP |
| MPF-6807035112 | 35 mm | 1 1/2" BSPP |

All fittings supplied with black seals EPDM as standard



John Guest Speedfit – Plumbing & Heating Systems

The World-Leading Plastic Push-Fit Plumbing and Heating System

JG Speedfit offers a wide range of fittings, pipes, tap connectors, and service valves to help you complete your installation quickly and effortlessly. With its perfect push-fit and multi-seal technology blend, Speedfit creates a strong and reliable connection that is easy to install and dismantle without using tools. These fittings are compatible with copper and plastic pipes and have a 50-year guarantee. Furthermore, we provide a variety of flexible plastic pipes in both coils and straight lengths, making it easier to install in less accessible areas with reduced fittings. Installing and servicing fixtures and appliances is simple with push-fit tap connectors and service valves.

Features

- Instant push-fit connection and flexible pipe
- Collet with stainless steel teeth firmly grips the pipe
- Dual O-rings give a permanent leakproof seal
- Twist and lock increases the O-ring seal – a unique feature of JG Speedfit
- Lead-free and non-toxic
- Corrosion-free and no scale build-up

Benefits

- High performance and durable solution
- Install, demount and refit in seconds without tools
- Safe, flame-free installation, with no hot works
- Less labour-intensive, especially in tight spaces
- Fewer joints, fewer leaks, fewer callbacks
- Safer, cooler surface temperature

Warranty and Applicable Standards



Our core range of fittings and pipes now includes these products, which can be viewed online.

Specifications

| WORKING TEMPERATURES & PRESSURES | | | |
|--|---------------------------|---|-----------------------|
| Application | Usual Working Temperature | Max. Working Temperature | Max. Working Pressure |
| Cold water (indirect & direct main) | 20°C | 20°C | 12 bar |
| Central heating | 82°C | 105°C, short term Malfunction at 114°C | 3 bar |
| Hot water (including unvented cylinders) | 65°C | 95°C | 6 bar |
| MAXIMUM TORQUE (BSP & BSPT) | | | |
| Threads | Size | Maximum Torque | |
| Plastic | 1/2" | 3 Nm | |
| | 3/4" | 4 Nm | |
| Brass | 1/2" | 4 Nm | |
| | 3/4" | 5 Nm | |

AN RWC BRAND



TWIST & LOCK FITTINGS – Look for this symbol

- Grip & seal cartridge with stainless steel teeth & main O-ring seal
- Twist & lock mechanism secures fitting & adds compression
- Compatible with hot & cold water & central heating systems, unless stated otherwise
- Suitable for use with plastic or copper pipe



EQUAL STRAIGHT CONNECTOR



2140

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGPEM0410W | 10 mm |
| JGPEM0415W | 15 mm |
| JGPEM0422W | 22 mm |
| JGPEM0428W | 28 mm |

Safely & securely connects two pipes of equal sizes



REDUCING STRAIGHT COUPLER



2140

| PART NUMBER | TUBE OD | TUBE OD |
|-------------|---------|---------|
| JGPEM201510 | 15 mm | 10 mm |
| JGPEM202215 | 22 mm | 15 mm |

Safely & securely connects two unequal metric pipe sizes



EQUAL ELBOW



2140

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGPEM0310W | 10 mm |
| JGPEM0315W | 15 mm |
| JGPEM0322W | 22 mm |
| JGPEM0328W | 28 mm |

Fast & reliably connects equal pipe sizes to form a 90° pipe bend



STEM ELBOW



2140

| PART NUMBER | TUBE OD | STEM OD |
|-------------|---------|---------|
| JGPEM221010 | 10 mm | 10 mm |
| JGPEM221515 | 15 mm | 15 mm |
| JGPEM222222 | 22 mm | 22 mm |

Provides a swivel type connection

Note: A collet cover cannot be used on a Speedfit end assembled with the stem of a 22 mm stem elbow



EQUAL TEE



2140

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGPEM0210W | 10 mm |
| JGPEM0215W | 15 mm |
| JGPEM0222W | 22 mm |
| JGPEM0228W | 28 mm |

Safely & securely connects three pipes of equal size



REDUCING TEE



2140

| PART NUMBER | TUBE OD | TUBE OD | TUBE OD |
|-------------|---------|---------|---------|
| JGPEM3015BW | 15 mm | 10 mm | 10 mm |
| JGPEM3015AW | 15 mm | 15 mm | 10 mm |
| JGPEM3022CW | 15 mm | 15 mm | 22 mm |
| JGPEM3022BW | 22 mm | 15 mm | 15 mm |
| JGPEM3022DW | 22 mm | 15 mm | 22 mm |
| JGPEM302210 | 22 mm | 22 mm | 10 mm |
| JGPEM3022AW | 22 mm | 22 mm | 15 mm |
| JGPEM3028BW | 28 mm | 22 mm | 22 mm |
| JGPEM3028AW | 28 mm | 28 mm | 22 mm |
| JGPEM3028DW | 28 mm | 22 mm | 28 mm |

Safely & securely connects three pipes of unequal size



STEM TEE



2140

| PART NUMBER | TUBE OD | TUBE OD | STEM OD |
|-------------|---------|---------|---------|
| JGPEM532210 | 22 mm | 22 mm | 10 mm |
| JGPEM532215 | 22 mm | 22 mm | 15 mm |

Safely & securely connects Speedfit fittings directly onto a tee to create a swivel ended connection



BENT TAP CONNECTOR BSPP FEMALE



2140

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|-----------|
| JGPEMBTC154 | 15 mm | 1/2" BSPP |

With brass swivel nut & sealing washer



STRAIGHT TAP CONNECTOR BSPP FEMALE



2140

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|-----------|
| JGPEMSTC154 | 15 mm | 1/2" BSPP |
| JGPEMSTC156 | 15 mm | 3/4" BSPP |

With brass swivel nut & sealing washer
Simply connects pipework to a tap without tools (hand-tighten to tap)



REDUCER



2140

| PART NUMBER | TUBE OD | STEM OD |
|-------------|---------|---------|
| JGPEM061510 | 15 mm | 10 mm |
| JGPEM062215 | 22 mm | 15 mm |
| JGPEM062815 | 28 mm | 15 mm |
| JGPEM062822 | 28 mm | 22 mm |

Fast & securely connects two Speedfit fittings to reduce a line size

STANDARD FITTINGS – Look for this symbol

- Grip & seal cartridge with stainless steel teeth & main O-ring seal
- Compatible with hot & cold water & central heating systems, unless stated otherwise
- Suitable for use with plastic or copper pipe



TAP CONNECTOR BSPP FEMALE



2140

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|-----------|
| JGPSE3210W | 10 mm | 1/2" BSPP |
| JGPSE3201W | 15 mm | 1/2" BSPP |
| JGPSE3203W | 15 mm | 3/4" BSPP |
| JGPSE3202W | 22 mm | 3/4" BSPP |

Requires hand tightening only

Note: Plastic threads are not as strong as metal threads



STOP END



2140

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGPSE4610W | 10 mm |
| JGPSE4615W | 15 mm |
| JGPSE4622W | 22 mm |

Safely & easily caps off pipework for a temporary or permanent installation. Suitable for central heating systems

PIPE INSERT FOR COMPRESSION FITTINGS



2140

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGSTM10N | 10 mm |
| JGSTM15N | 15 mm |
| JGSTM22N | 22 mm |
| JGSTM28N | 28 mm |

To be used when connecting Speedfit pipe to a compression fitting or fitting from another manufacturer.
Suitable for hot & cold water & central heating systems



TANK CONNECTOR



2140

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGCM0715S | 15 mm |
| JGCM0722S | 22 mm |
| JGCM0728S | 28 mm |

Suitable for cold water tanks only

Maximum wall thickness of tank 4 mm. Requires hand tightening only

PIPE INSERT SUPERSEAL



2140

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGSTS10 | 10 mm |
| JGSTS15 | 15 mm |
| JGSTS22 | 22 mm |
| JGSTS28 | 28 mm |

Only to be used with Speedfit pipe & Speedfit fittings together, to give enhanced sealing. Creates a rigid connection & enhanced double seal when fitting a Speedfit pipe to a Speedfit fitting.
Suitable for hot & cold water & central heating systems



PLUG



2140

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGPL10 | 10 mm |
| JGPL15 | 15 mm |
| JGPL22 | 22 mm |
| JGPL28 | 28 mm |

Safely plug a connection port on a Speedfit fitting, when not required. Suitable for central heating systems



2140

PE-COPPER CONNECTOR

| PART NUMBER | TUBE OD | TUBE OD |
|-------------|---------|---------|
| JGJG601B | 20 mm | 15 mm |
| JGJG603B | 25 mm | 15 mm |
| JGJG602B | 25 mm | 22 mm |

Used to connect PE pipe to copper or Speedfit plumbing pipe. Must not be buried directly into ground, soil, concrete or other substrates.

Safely & securely connects MDPE to copper or Speedfit pipe (inserts required)

ACETAL FITTINGS FOR DRINKS & OTHER POTABLE WATER

ACETAL FITTINGS

CM range of metric size fittings are manufactured in acetal. With a food grade EPDM O-ring, they have been developed for the water industry but are equally suitable for other potable liquids. They are also recommended for intermittent hot water applications. The CM Range is NOT suitable for compressed air & vacuum applications.



ADAPTOR BSPP MALE



2140

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|-----------|
| JGCM011514S | 15 mm | 1/2" BSPP |
| JGCM012216S | 22 mm | 3/4" BSPP |



TAP ADAPTOR BSPP FEMALE



2110

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|-----------|
| JGCM321014E | 10 mm | 1/2" BSPP |

SUITABLE FOR CENTRAL HEATING SYSTEMS

STANDARD FITTINGS – Look for this symbol

- Grip & seal cartridge with stainless steel teeth & main O-ring seal
- Compatible with hot & cold water & central heating systems, unless stated otherwise
- Suitable for use with plastic or copper pipe



BRASS STOP VALVE BODY & HEAD DZR BRASS



2140

| PART NUMBER | TUBE OD |
|-------------|---------|
| JG15BSC | 15 mm |

Not suitable for potable water
Durable brass bodied screw-down mains stop valve

1/4 TURN VALVES – Look for this symbol

These valves have been designed to allow temporary servicing of downstream equipment & must only be used in the fully open or fully closed position.



DO NOT use these valves:

- In a partially open position to control flow
- To provide a permanent termination
- Without tubing assembled or plugged (or threaded connections sealed)
- As a tap or 'faucet'



BRASS DRAIN COCK DZR BRASS



2140

| PART NUMBER | TUBE OD |
|-------------|---------|
| JG15BDC | 15 mm |

Speedfit drain cocks cannot be used where collet covers are fitted.
They can be used with a standard fitting fitted with a collet clip.
Stem ended drain off valve provides an ideal drain down point.



BRASS SERVICE VALVE



2140

| PART NUMBER | TUBE OD |
|-------------|---------|
| JG15HSV-BRA | 15 mm |

Durable brass service valve allows isolation of the appliance for maintenance



SERVICE VALVE WITH TAP CONNECTOR BSPP FEMALE BRASS CHROME PLATED



2140

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|-----------|
| JG15PTSV | 15 mm | 1/2" BSPP |
| JG22PTSV | 22 mm | 3/4" BSPP |

Chrome finished, one piece combined service valve & tap connector



SERVICE VALVE BRASS CHROME PLATED



2140

| PART NUMBER | TUBE OD |
|-------------|---------|
| JG10HSV | 10 mm |
| JG15HSV | 15 mm |
| JG22HSV | 22 mm |

Chrome finished service valve allows isolation of the appliance for maintenance



BALL VALVE BRASS CHROME PLATED



2140

| PART NUMBER | TUBE OD |
|-------------|---------|
| JG10BV | 10 mm |
| JG15BV | 15 mm |
| JG22BV | 22 mm |

Each valve has red & blue indices
Chrome finished service valve with isolating handle allows isolation of the appliance for maintenance.

Do you also need?



Manifolds

Please contact your distributor for further information

NOT SUITABLE FOR CENTRAL HEATING SYSTEMS

STANDARD FITTINGS – Look for this symbol

- Grip & seal cartridge with stainless steel teeth & main O-ring seal
- Compatible with hot & cold water & central heating systems, unless stated otherwise
- Suitable for use with plastic or copper pipe



WASHING MACHINE / APPLIANCE TAP BSPP MALE



2140

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|-----------|
| JG15APT | 15 mm | 3/4" BSPP |

Hot & cold water only, 65°C maximum.
For maximum torque figures on plastic thread,
please see Technical Checklist.
Quickly connects an appliance to the supply with
integrated 1/4 turn shut off valve



PLASTIC SERVICE VALVE



2140

| PART NUMBER | TUBE OD |
|-------------|---------|
| JG15SV | 15 mm |
| JG22SV | 22 mm |

Hot & cold water only, 65°C maximum
Fast to connect inline service valve allows isolation of the
appliance for maintenance



STOP VALVE



2140

| PART NUMBER | TUBE OD |
|-------------|---------|
| JG15STV/2 | 15 mm |
| JG22STV/2 | 22 mm |

Hot & cold water only, 65°C maximum
Quick to connect screw down mains stop valve



EMERGENCY SHUT-OFF TAP



2140

| PART NUMBER | TUBE OD |
|-------------|---------|
| JG15ESOT | 15 mm |

Hot & cold water only, 65°C maximum
Slimline 1/4 turn shut off valve for emergency isolation
to appliances

1/4 TURN VALVES – Look for this symbol

These valves have been designed to allow temporary servicing
of downstream equipment & must only be used in the fully
open or fully closed position.



DO NOT use these valves:

- In a partially open position to control flow
- To provide a permanent termination
- Without tubing assembled or plugged (or threaded connections sealed)
- As a tap or 'faucet'



DOUBLE CHECK VALVE



2140

| PART NUMBER | TUBE OD |
|-------------|---------|
| JG15DCV | 15 mm |

Hot & cold water only, 65°C maximum
Fast to connect double check valve for fluid category 3
backflow prevention



SINGLE CHECK VALVE



2140

| PART NUMBER | TUBE OD |
|-------------|---------|
| JG06SCV | 6 mm |
| JG10SCV | 10 mm |
| JG12SCV | 12 mm |



SINGLE CHECK VALVE IMPERIAL



2120

| PART NUMBER | TUBE OD |
|-------------|---------|
| JG38SCV | 3/8" |



SHUT-OFF VALVE LONG HANDLE



2110

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGPISV0412S | 3/8" |



SHUT-OFF VALVE LONG HANDLE WITH MOUNTING CLIP



2110

| PART NUMBER | TUBE OD |
|-------------|---------|
| JGPISV04KIT | 3/8" |

FLEXI HOSE

FLEXI HOSE 300 MM LENGTH



2140

| PART NUMBER | TUBE OD | TUBE OD |
|-------------|---------|---------|
| JGFLX33 | 15 mm | 10 mm |
| JGFLX17 | 15 mm | 15 mm |
| JGFLX26 | 22 mm | 22 mm |

500 MM LENGTH

| | | |
|---------|-------|-------|
| JGFLX21 | 15 mm | 15 mm |
| JGFLX27 | 22 mm | 22 mm |

Not suitable for central heating systems
Hot & cold water only, 65°C maximum

FEMALE THREAD FLEXI HOSE WITH SERVICE VALVE 300 MM LENGTH



2140

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|-----------|
| JGFLX24 | 15 mm | 1/2" BSPP |
| JGFLX37** | 15 mm | 1/2" BSPP |
| JGFLX25* | 22 mm | 3/4" BSPP |

500 MM LENGTH

| | | |
|---------|-------|-----------|
| JGFLX31 | 15 mm | 1/2" BSPP |
| JGFLX38 | 15 mm | 3/4" BSPP |
| JGFLX32 | 22 mm | 3/4" BSPP |

*Full bore. Not suitable for central heating systems

FEMALE THREAD FLEXI HOSE 300 MM LENGTH



2140

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|-----------|
| JGFLX34 | 10 mm | 1/2" BSPP |
| JGFLX35 | 15 mm | 3/8" BSPP |
| JGFLX15 | 15 mm | 1/2" BSPP |
| JGFLX16 | 15 mm | 3/4" BSPP |
| JGFLX22 | 22 mm | 3/4" BSPP |

500 MM LENGTH

| | | |
|---------|-------|-----------|
| JGFLX18 | 15 mm | 1/2" BSPP |
| JGFLX20 | 15 mm | 3/4" BSPP |
| JGFLX19 | 22 mm | 3/4" BSPP |
| JGFLX23 | 22 mm | 3/4" BSPP |

*Full bore. Not suitable for central heating systems

FEMALE THREAD FLEXI HOSE ELBOW PATTERN 300 MM LENGTH



2140

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|-----------|
| JGFLX36 | 15 mm | 1/2" BSPP |

Not suitable for central heating systems
Hot & cold water only, 65°C maximum

MALE THREAD FLEXI HOSE FOR MONOBLOCK MIXERS 300 MM LENGTH



2140

| PART NUMBER | TUBE OD | THREAD |
|-------------|---------|--------|
| JGFLX29 | 15 mm | M12 |

Not suitable for central heating systems
Hot & cold water only, 65°C maximum
PRICE per pair

BARRIER PIPE

SPEEDFIT BARRIER PIPE COILS



2140

| PART NUMBER | TUBE OD | LENGTH |
|--------------|---------|--------|
| JG10BPEX-25 | 10 mm | 25 m |
| JG10BPEX-50 | 10 mm | 50 m |
| JG10BPEX-100 | 10 mm | 100 m |
| JG15BPEX-25 | 15 mm | 25 m |
| JG15BPEX-50 | 15 mm | 50 m |
| JG15BPEX-100 | 15 mm | 100 m |
| JG15BPEX-120 | 15 mm | 120 m |
| JG15BPEX-150 | 15 mm | 150 m |
| JG22BPEX-25 | 22 mm | 25 m |
| JG22BPEX-50 | 22 mm | 50 m |

Suitable for central heating systems
PRICE per coil

The pipe has an inner barrier to stop the ingress of atmosphere

SPEEDFIT BARRIER PIPE STRAIGHT PIPE



2140

| PART NUMBER | TUBE OD | LENGTH |
|-------------|---------|--------|
| JG15BPEX-2L | 15 mm | 2 m |
| JG15BPEX-3L | 15 mm | 3 m |
| JG15BPEX-6L | 15 mm | 6 m |
| JG22BPEX-2L | 22 mm | 2 m |
| JG22BPEX-3L | 22 mm | 3 m |
| JG22BPEX-6L | 22 mm | 6 m |
| JG28BPEX-3L | 28 mm | 3 m |

Suitable for central heating systems
PRICE per length

The pipe has an inner barrier to stop the ingress of atmosphere



PARKAIR® uPVC Pipe Fittings

uPVC, which stands for unplasticised polyvinyl chloride, is a widely used thermoplastic material for pipework installations. Its advantages include being lightweight, having excellent resistance to chemicals and abrasion, and being tasteless and odourless, making it great for potable water systems and most food products. Additionally, the smooth bore of uPVC pipes provides excellent flow characteristics. You can identify uPVC products by their dark grey colour.

uPVC is resistant to most acids, alkalis, salts, and solvents mixed with water. However, it is not resistant to aromatic chlorinated hydrocarbons. Connections can be made using solvent cement or BSP threaded fittings.

Manufacturing Standards

Our uPVC fittings, including elbows, equal tees, caps, and adaptors, are Kitemark certified with certificate number KM 654613. Additionally, our uPVC products are WRAS-approved. We manufacture imperial uPVC products to the following industry standards:



Pipe – EN1452-2

Fittings – EN1452-3 / BS4346 Part 1

Threaded fittings – BS21, DIN2999, ISO7



Specifications

Unless otherwise stated, PVC pressure fittings have the following pressure ratings:

Solvent weld – 3/8" to 8" = Class E/15 bar

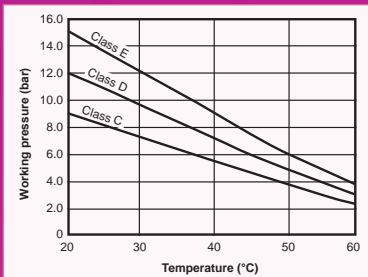
10" = Class D/12 bar

Threaded = Class D/12 bar

* All quoted at 20°C

Pressure ratings for plastic pipework systems are typically provided for a temperature of 20°C. A fundamental principle in these systems is that increasing the temperature will reduce the pressure rating. uPVC systems should never be used for temperatures over 60°C.

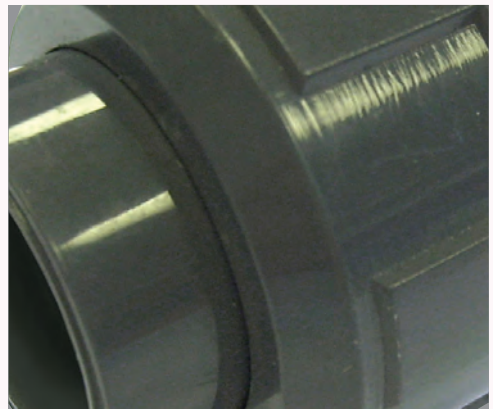
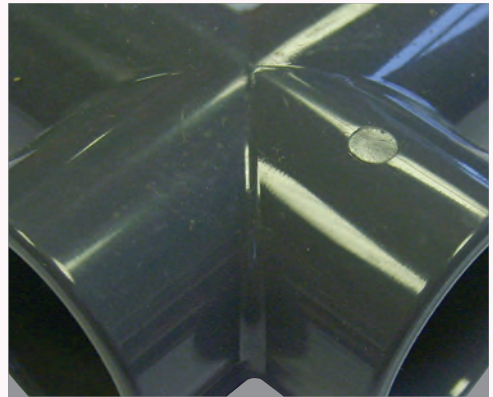
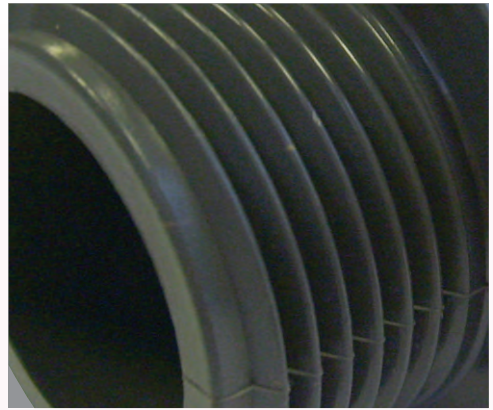
Please refer to the chart below to understand the uPVC pipework systems' pressure / temperature relationship.



When installing pipes above the ground level, it is essential to provide sufficient support to ensure that the weight of the pipe and its contents are adequately supported. Please refer to the table to the right to determine the recommended maximum support spacing for horizontal uPVC pipes carrying water.



Tube NB,
Nominal bore or
nominal pipe size



SPACING GIVEN IN METRES

| NOMINAL BORE | 20°C | 25°C | 30°C | 35°C | 40°C | 45°C | 20°C to 45°C VERTICAL PIPES |
|--------------|------------------|------|------|------|------|------|-----------------------------|
| | HORIZONTAL PIPES | | | | | | |
| 3/8" | 0.75 | 0.67 | 0.60 | 0.50 | 0.40 | – | 0.80 |
| 1/2" | 0.85 | 0.77 | 0.70 | 0.60 | 0.50 | – | 0.90 |
| 3/4" | 0.90 | 0.82 | 0.75 | 0.65 | 0.55 | 0.50 | 1.00 |
| 1" | 1.00 | 0.92 | 0.85 | 0.75 | 0.65 | 0.57 | 1.20 |
| 1 1/4" | 1.10 | 1.05 | 1.00 | 0.90 | 0.80 | 0.70 | 1.40 |
| 1 1/2" | 1.25 | 1.20 | 1.15 | 1.05 | 0.95 | 0.82 | 1.60 |
| 2" | 1.40 | 1.35 | 1.30 | 1.20 | 1.10 | 0.97 | 1.80 |
| 2 1/2" | 1.50 | 1.45 | 1.40 | 1.30 | 1.20 | 1.07 | 2.00 |
| 3" | 1.65 | 1.60 | 1.55 | 1.45 | 1.35 | 1.20 | 2.20 |
| 4" | 1.85 | 1.80 | 1.75 | 1.65 | 1.55 | 1.37 | 2.40 |
| 5" | 2.15 | 2.10 | 2.05 | 1.95 | 1.85 | 1.72 | 2.50 |
| 6" | 2.25 | 2.20 | 2.15 | 2.07 | 2.00 | 1.85 | 2.50 |
| 8" | 2.50 | 2.45 | 2.40 | 2.32 | 2.25 | 2.12 | 2.50 |

ADAPTOR BSPP MALE



3820

| PART NUMBER | THREAD | TUBE NB | LENGTH |
|-------------|-------------|---------|----------|
| aPAD32-12 | 1/2" BSPP | 1/2" | 46.0 mm |
| aPAD32-34 | 3/4" BSPP | 3/4" | 50.0 mm |
| aPAD32-1 | 1" BSPP | 1" | 57.0 mm |
| aPAD32-114 | 1 1/4" BSPP | 1 1/4" | 66.5 mm |
| aPAD32-112 | 1 1/2" BSPP | 1 1/2" | 74.0 mm |
| aPAD32-2 | 2" BSPP | 2" | 84.0 mm |
| aPAD32-212 | 2 1/2" BSPP | 2 1/2" | 99.0 mm |
| aPAD32-3 | 3" BSPP | 3" | 110.0 mm |
| aPAD32-4 | 4" BSPP | 4" | 120.0 mm |

ADAPTOR BSPP FEMALE



3820

| PART NUMBER | THREAD | TUBE NB | LENGTH |
|-------------|-------------|---------|----------|
| aPAD42-12 | 1/2" BSPP | 1/2" | 39.0 mm |
| aPAD42-34 | 3/4" BSPP | 3/4" | 43.3 mm |
| aPAD42-1 | 1" BSPP | 1" | 49.1 mm |
| aPAD42-114 | 1 1/4" BSPP | 1 1/4" | 57.4 mm |
| aPAD42-112 | 1 1/2" BSPP | 1 1/2" | 62.4 mm |
| aPAD42-2 | 2" BSPP | 2" | 73.7 mm |
| aPAD42-3 | 3" BSPP | 3" | 98.3 mm |
| aPAD42-4 | 4" BSPP | 4" | 115.3 mm |

90° R/S BEND



3820

| PART NUMBER | TUBE NB |
|-------------|---------|
| aPBE33-12 | 1/2" |
| aPBE33-34 | 3/4" |
| aPBE33-1 | 1" |
| aPBE33-114 | 1 1/4" |
| aPBE33-112 | 1 1/2" |
| aPBE33-2 | 2" |
| aPBE33-212 | 2 1/2" |
| aPBE33-3 | 3" |
| aPBE33-4 | 4" |

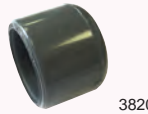
CAPS BSPP FEMALE



3820

| PART NUMBER | THREAD | LENGTH |
|-------------|-------------|---------|
| aPCA71-12 | 1/2" BSPP | 26.0 mm |
| aPCA71-34 | 3/4" BSPP | 28.0 mm |
| aPCA71-1 | 1" BSPP | 32.0 mm |
| aPCA71-114 | 1 1/4" BSPP | 35.0 mm |
| aPCA71-112 | 1 1/2" BSPP | 35.0 mm |
| aPCA71-2 | 2" BSPP | 39.0 mm |
| aPCA71-212 | 2 1/2" BSPP | 52.0 mm |
| aPCA71-3 | 3" BSPP | 56.0 mm |
| aPCA71-4 | 4" BSPP | 64.0 mm |

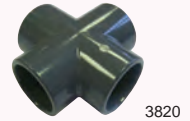
CAPS



3820

| PART NUMBER | TUBE NB | LENGTH |
|-------------|---------|----------|
| aPCA73-12 | 1/2" | 27.0 mm |
| aPCA73-34 | 3/4" | 31.0 mm |
| aPCA73-1 | 1" | 36.0 mm |
| aPCA73-114 | 1 1/4" | 43.0 mm |
| aPCA73-112 | 1 1/2" | 49.0 mm |
| aPCA73-2 | 2" | 57.0 mm |
| aPCA73-212 | 2 1/2" | 67.0 mm |
| aPCA73-3 | 3" | 80.0 mm |
| aPCA73-4 | 4" | 95.0 mm |
| aPCA73-5 | 5" | 114.0 mm |
| aPCA73-6 | 6" | 126.0 mm |
| aPCA73-8 | 8" | 145.0 mm |

EQUAL CROSS



3820

| PART NUMBER | TUBE NB |
|-------------|---------|
| aPCR33-12 | 1/2" |
| aPCR33-34 | 3/4" |
| aPCR33-1 | 1" |
| aPCR33-114 | 1 1/4" |
| aPCR33-112 | 1 1/2" |
| aPCR33-2 | 2" |

90° ELBOW BSPP FEMALE



3820

| PART NUMBER | THREAD | TUBE NB |
|-------------|-------------|---------|
| aPEL32-12 | 1/2" BSPP | 1/2" |
| aPEL32-34 | 3/4" BSPP | 3/4" |
| aPEL32-1 | 1" BSPP | 1" |
| aPEL32-114 | 1 1/4" BSPP | 1 1/4" |
| aPEL32-112 | 1 1/2" BSPP | 1 1/2" |
| aPEL32-2 | 2" BSPP | 2" |
| aPEL32-3 | 3" BSPP | 3" |

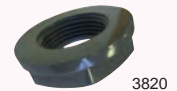
90° ELBOW BSPP FEMALE



3820

| PART NUMBER | THREAD |
|-------------|-------------|
| aPEL51-12 | 1/2" BSPP |
| aPEL51-34 | 3/4" BSPP |
| aPEL51-1 | 1" BSPP |
| aPEL51-114 | 1 1/4" BSPP |
| aPEL51-112 | 1 1/2" BSPP |
| aPEL51-2 | 2" BSPP |
| aPEL51-212 | 2 1/2" BSPP |
| aPEL51-3 | 3" BSPP |
| aPEL51-4 | 4" BSPP |

BACK NUT BSPP FEMALE



3820

| PART NUMBER | THREAD |
|-------------|-------------|
| aPNU91-12 | 1/2" BSPP |
| aPNU91-34 | 3/4" BSPP |
| aPNU91-1 | 1" BSPP |
| aPNU91-114 | 1 1/4" BSPP |
| aPNU91-112 | 1 1/2" BSPP |
| aPNU91-2 | 2" BSPP |
| aPNU91-3 | 3" BSPP |
| aPNU91-4 | 4" BSPP |



3820

90° ELBOW

| PART NUMBER | TUBE NB |
|-------------|---------|
| aPEL53-12 | 1/2" |
| aPEL53-34 | 3/4" |
| aPEL53-1 | 1" |
| aPEL53-114 | 1 1/4" |
| aPEL53-112 | 1 1/2" |
| aPEL53-2 | 2" |
| aPEL53-212 | 2 1/2" |
| aPEL53-3 | 3" |
| aPEL53-4 | 4" |
| aPEL53-5 | 5" |
| aPEL53-6 | 6" |
| aPEL53-8 | 8" |



3820

45° ELBOW

| PART NUMBER | TUBE NB |
|-------------|---------|
| aPEY53-12 | 1/2" |
| aPEY53-34 | 3/4" |
| aPEY53-1 | 1" |
| aPEY53-114 | 1 1/4" |
| aPEY53-112 | 1 1/2" |
| aPEY53-2 | 2" |
| aPEY53-212 | 2 1/2" |
| aPEY53-3 | 3" |
| aPEY53-4 | 4" |
| aPEY53-5 | 5" |
| aPEY53-6 | 6" |
| aPEY53-8 | 8" |



3820

FULL FACED FLANGE TABLE E

| PART NUMBER | TUBE NB |
|-------------|---------|
| aPFF30-114 | 1 1/4" |
| aPFF30-112 | 1 1/2" |
| aPFF30-2 | 2" |
| aPFF30-3 | 3" |



3820

FULL FACED FLANGE PN16

| PART NUMBER | TUBE NB |
|-------------|---------|
| aPFF33-12 | 1/2" |
| aPFF33-34 | 3/4" |
| aPFF33-1 | 1" |
| aPFF33-114 | 1 1/4" |
| aPFF33-112 | 1 1/2" |
| aPFF33-2 | 2" |
| aPFF33-212 | 2 1/2" |
| aPFF33-3 | 3" |
| aPFF33-4 | 4" |

New

GALVANISED BACKING RING
NP10/16


3820

| PART NUMBER | TUBE NB |
|-------------|---------|
| aGSB31-12 | 1/2" |
| aGSB31-34 | 3/4" |
| aGSB31-1 | 1" |
| aGSB31-114 | 1 1/4" |
| aGSB31-112 | 1 1/2" |
| aGSB31-2 | 2" |
| aGSB31-212 | 2 1/2" |
| aGSB31-3 | 3" |
| aGSB31-4 | 4" |



3820

HOSE ADAPTOR

| PART NUMBER | TUBE NB | TAIL DIA | LENGTH |
|-------------|---------|----------|----------|
| aPHN63-12 | 1/2" | 20 mm | 70.0 mm |
| aPHN63-34 | 3/4" | 25 mm | 79.0 mm |
| aPHN63-1 | 1" | 32 mm | 83.0 mm |
| aPHN63-114 | 1 1/4" | 40 mm | 96.0 mm |
| aPHN63-112 | 1 1/2" | 50 mm | 108.0 mm |
| aPHN63-2 | 2" | 60 mm | 130.0 mm |

HOSE ADAPTOR
BSPP MALE


3820

| PART NUMBER | THREAD | TAIL DIA | LENGTH |
|-------------|-------------|----------|----------|
| aPHN61-12 | 1/2" BSPP | 20 mm | 70.0 mm |
| aPHN61-34 | 3/4" BSPP | 25 mm | 75.0 mm |
| aPHN61-1 | 1" BSPP | 32 mm | 80.0 mm |
| aPHN61-114 | 1 1/4" BSPP | 40 mm | 92.0 mm |
| aPHN61-112 | 1 1/2" BSPP | 50 mm | 100.0 mm |
| aPHN61-2 | 2" BSPP | 60 mm | 118.0 mm |



3820

SOCKET
BSPP FEMALE

| PART NUMBER | THREAD | LENGTH |
|-------------|-------------|---------|
| aPSO11-12 | 1/2" BSPP | 37.0 mm |
| aPSO11-34 | 3/4" BSPP | 39.6 mm |
| aPSO11-1 | 1" BSPP | 46.2 mm |
| aPSO11-114 | 1 1/4" BSPP | 50.8 mm |
| aPSO11-112 | 1 1/2" BSPP | 50.8 mm |
| aPSO11-2 | 2" BSPP | 59.4 mm |
| aPSO11-212 | 2 1/2" BSPP | 69.4 mm |
| aPSO11-3 | 3" BSPP | 76.6 mm |
| aPSO11-4 | 4" BSPP | 89.6 mm |

PLUG
BSPP MALE


3820

| PART NUMBER | THREAD |
|-------------|-------------|
| aPPL71-12 | 1/2" BSPP |
| aPPL71-34 | 3/4" BSPP |
| aPPL71-1 | 1" BSPP |
| aPPL71-114 | 1 1/4" BSPP |
| aPPL71-112 | 1 1/2" BSPP |
| aPPL71-2 | 2" BSPP |
| aPPL71-212 | 2 1/2" BSPP |
| aPPL71-3 | 3" BSPP |
| aPPL71-4 | 4" BSPP |



3820

HEXAGON NIPPLE
BSPP MALE

| PART NUMBER | THREAD | LENGTH |
|-------------|-------------|---------|
| aPNI61-12 | 1/2" BSPP | 42.0 mm |
| aPNI61-34 | 3/4" BSPP | 44.0 mm |
| aPNI61-1 | 1" BSPP | 50.0 mm |
| aPNI61-114 | 1 1/4" BSPP | 58.0 mm |
| aPNI61-112 | 1 1/2" BSPP | 58.0 mm |
| aPNI61-2 | 2" BSPP | 66.0 mm |



3820

SOCKET

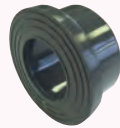
| PART NUMBER | TUBE NB | LENGTH |
|-------------|---------|----------|
| aPSO13-12 | 1/2" | 35.0 mm |
| aPSO13-34 | 3/4" | 41.0 mm |
| aPSO13-1 | 1" | 47.0 mm |
| aPSO13-114 | 1 1/4" | 55.0 mm |
| aPSO13-112 | 1 1/2" | 65.0 mm |
| aPSO13-2 | 2" | 79.0 mm |
| aPSO13-212 | 2 1/2" | 92.0 mm |
| aPSO13-3 | 3" | 107.0 mm |
| aPSO13-4 | 4" | 128.0 mm |
| aPSO13-5 | 5" | 160.0 mm |
| aPSO13-6 | 6" | 180.0 mm |
| aPSO13-8 | 8" | 249.0 mm |



3820

**SOCKET
BSPP FEMALE**

| PART NUMBER | THREAD | TUBE NB | LENGTH |
|-------------|-------------|---------|----------|
| aPSO32-12 | 1/2" BSPP | 1/2" | 35.0 mm |
| aPSO32-34 | 3/4" BSPP | 3/4" | 39.3 mm |
| aPSO32-1 | 1" BSPP | 1" | 46.1 mm |
| aPSO32-114 | 1 1/4" BSPP | 1 1/4" | 52.4 mm |
| aPSO32-112 | 1 1/2" BSPP | 1 1/2" | 57.4 mm |
| aPSO32-2 | 2" BSPP | 2" | 68.7 mm |
| aPSO32-212 | 2 1/2" BSPP | 2 1/2" | 79.2 mm |
| aPSO32-3 | 3" BSPP | 3" | 92.3 mm |
| aPSO32-4 | 4" BSPP | 4" | 108.3 mm |



3820

STUB FLANGE

| PART NUMBER | TUBE NB | LENGTH |
|-------------|---------|----------|
| aPST23-12 | 1/2" | 16.0 mm |
| aPST23-34 | 3/4" | 19.0 mm |
| aPST23-1 | 1" | 22.0 mm |
| aPST23-114 | 1 1/4" | 26.0 mm |
| aPST23-112 | 1 1/2" | 31.0 mm |
| aPST23-2 | 2" | 38.0 mm |
| aPST23-212 | 2 1/2" | 44.0 mm |
| aPST23-3 | 3" | 51.0 mm |
| aPST23-4 | 4" | 61.0 mm |
| aPST23-5 | 5" | 76.0 mm |
| aPST23-6 | 6" | 86.0 mm |
| aPST23-8 | 8" | 119.0 mm |



3820

**EQUAL TEE
BSPP FEMALE**

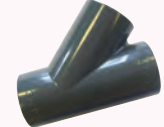
| PART NUMBER | THREAD |
|-------------|-------------|
| aPTE41-12 | 1/2" BSPP |
| aPTE41-34 | 3/4" BSPP |
| aPTE41-1 | 1" BSPP |
| aPTE41-114 | 1 1/4" BSPP |
| aPTE41-112 | 1 1/2" BSPP |
| aPTE41-2 | 2" BSPP |
| aPTE41-212 | 2 1/2" BSPP |
| aPTE41-3 | 3" BSPP |
| aPTE41-4 | 4" BSPP |



3820

EQUAL TEE

| PART NUMBER | TUBE NB |
|-------------|---------|
| aPTE43-12 | 1/2" |
| aPTE43-34 | 3/4" |
| aPTE43-1 | 1" |
| aPTE43-114 | 1 1/4" |
| aPTE43-112 | 1 1/2" |
| aPTE43-2 | 2" |
| aPTE43-212 | 2 1/2" |
| aPTE43-3 | 3" |
| aPTE43-4 | 4" |
| aPTE43-5 | 5" |
| aPTE43-6 | 6" |
| aPTE43-8 | 8" |



3820

45° TEE

| PART NUMBER | TUBE NB |
|-------------|---------|
| aPTY43-12 | 1/2" |
| aPTY43-34 | 3/4" |
| aPTY43-1 | 1" |
| aPTY43-114 | 1 1/4" |
| aPTY43-112 | 1 1/2" |
| aPTY43-2 | 2" |



3820

**SOCKET UNION
BSPP FEMALE**

| PART NUMBER | THREAD | TUBE NB |
|-------------|-------------|---------|
| aPUN72-12 | 1/2" BSPP | 1/2" |
| aPUN72-34 | 3/4" BSPP | 3/4" |
| aPUN72-1 | 1" BSPP | 1" |
| aPUN72-114 | 1 1/4" BSPP | 1 1/4" |
| aPUN72-112 | 1 1/2" BSPP | 1 1/2" |
| aPUN72-2 | 2" BSPP | 2" |



3820

**SOCKET UNION
BSPP FEMALE**

| PART NUMBER | THREAD |
|-------------|-------------|
| aPUN81-12 | 1/2" BSPP |
| aPUN81-34 | 3/4" BSPP |
| aPUN81-1 | 1" BSPP |
| aPUN81-114 | 1 1/4" BSPP |
| aPUN81-112 | 1 1/2" BSPP |
| aPUN81-2 | 2" BSPP |

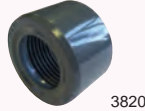
SOCKET UNION



3820

| PART NUMBER | TUBE NB | TUBE NB |
|-------------|---------|---------|
| aPUN83-12 | 1/2" | 1/2" |
| aPUN83-34 | 3/4" | 3/4" |
| aPUN83-1 | 1" | 1" |
| aPUN83-114 | 1 1/4" | 1 1/4" |
| aPUN83-112 | 1 1/2" | 1 1/2" |
| aPUN83-2 | 2" | 2" |
| aPUN83-212 | 2 1/2" | 2 1/2" |
| aPUN83-3 | 3" | 3" |
| aPUN83-4 | 4" | 4" |

REDUCING BUSH BSPP FEMALE



3820

| PART NUMBER | TUBE NB | THREAD |
|-------------|---------|-------------|
| aPRB303412 | 3/4" | 1/2" BSPP |
| aPRB30134 | 1" | 3/4" BSPP |
| aPRB30141 | 1 1/4" | 1" BSPP |
| aPRB301214 | 1 1/2" | 1 1/4" BSPP |
| aPRB302112 | 2" | 1 1/2" BSPP |

REDUCING BUSH



3820

| PART NUMBER | TUBE NB | TUBE NB |
|-------------|---------|---------|
| aPRB933412 | 3/4" | 1/2" |
| aPRB93112 | 1" | 1/2" |
| aPRB93134 | 1" | 3/4" |
| aPRB931412 | 1 1/4" | 1/2" |
| aPRB931434 | 1 1/4" | 3/4" |
| aPRB931141 | 1 1/4" | 1" |
| aPRB931234 | 1 1/2" | 3/4" |
| aPRB931121 | 1 1/2" | 1" |
| aPRB931214 | 1 1/2" | 1 1/4" |
| aPRB9321 | 2" | 1" |
| aPRB932114 | 2" | 1 1/4" |
| aPRB932112 | 2" | 1 1/2" |
| aPRB932212 | 2 1/2" | 1 1/2" |
| aPRB932122 | 2 1/2" | 2" |
| aPRB933112 | 3" | 1 1/2" |
| aPRB9332 | 3" | 2" |
| aPRB933212 | 3" | 2 1/2" |
| aPRB9342 | 4" | 2" |
| aPRB934212 | 4" | 2 1/2" |
| aPRB9343 | 4" | 3" |
| aPRB9353 | 5" | 3" |
| aPRB9354 | 5" | 4" |
| aPRB9364 | 6" | 4" |
| aPRB9386 | 8" | 6" |

REDUCING SOCKET



3820

| PART NUMBER | TUBE NB | TUBE NB |
|-------------|---------|---------|
| aPRS133412 | 3/4" | 1/2" |
| aPRS13134 | 1" | 3/4" |
| aPRS131141 | 1 1/4" | 1" |
| aPRS131214 | 1 1/2" | 1 1/4" |
| aPRS132112 | 2" | 1 1/2" |
| aPRS132122 | 2 1/2" | 2" |
| aPRS133212 | 3" | 2 1/2" |
| aPRS1343 | 4" | 3" |

REDUCING NIPPLE MALE THREAD



3820

| PART NUMBER | THREAD | THREAD |
|-------------|-------------|-------------|
| aPNR613412 | 3/4" BSPP | 1/2" BSPP |
| aPNR61134 | 1" BSPP | 3/4" BSPP |
| aPNR611141 | 1 1/4" BSPP | 1" BSPP |
| aPNR611214 | 1 1/2" BSPP | 1 1/4" BSPP |
| aPNR612112 | 2" BSPP | 1 1/2" BSPP |

REDUCING BUSH SHORT PATTERN BSPP MALE / BSPP FEMALE



3820

| PART NUMBER | THREAD A | THREAD B |
|-------------|-------------|-------------|
| aPRB913412 | 3/4" BSPP | 1/2" BSPP |
| aPRB91134 | 1" BSPP | 3/4" BSPP |
| aPRB911141 | 1 1/4" BSPP | 1" BSPP |
| aPRB911214 | 1 1/2" BSPP | 1 1/4" BSPP |
| aPRB912112 | 2" BSPP | 1 1/2" BSPP |

REDUCING BUSH LONG PATTERN BSPP MALE / BSPP FEMALE



3820

| PART NUMBER | THREAD A | THREAD B |
|-------------|-------------|-----------|
| aPRE611238 | 1/2" BSPP | 3/8" BSPP |
| aPRE61112 | 1" BSPP | 1/2" BSPP |
| aPRE611434 | 1 1/4" BSPP | 3/4" BSPP |
| aPRE611121 | 1 1/2" BSPP | 1" BSPP |
| aPRE6121 | 2" BSPP | 1" BSPP |
| aPRE6132 | 3" BSPP | 2" BSPP |
| aPRE6143 | 4" BSPP | 3" BSPP |

REDUCING TEE BSPP FEMALE



3820

| PART NUMBER | THREAD | THREAD |
|-------------|---------|-----------|
| aPTR43-212 | 2" BSPP | 1/2" BSPP |
| aPTR43-32 | 3" BSPP | 2" BSPP |
| aPTR43-42 | 4" BSPP | 2" BSPP |

REDUCING SOCKET



3820

| PART NUMBER | TUBE NB | TUBE NB |
|-------------|---------|---------|
| aPSO141220 | 1/2" | 20 mm |
| aPSO143425 | 3/4" | 25 mm |
| aPSO14132 | 1" | 32 mm |
| aPSO141440 | 1 1/4" | 40 mm |
| aPSO141250 | 1 1/2" | 50 mm |
| aPSO14263 | 2" | 63 mm |
| aPSO14390 | 3" | 90 mm |
| aPSO144110 | 4" | 110 mm |



PARKAIR® ABS Pipe Fittings

ABS, which stands for acrylonitrile butadiene styrene, is a highly durable thermoplastic used in various industries, including food and beverage production, sewerage, and water treatments. This type of pipework system is known for its exceptional impact and chemical resistance, making it a popular choice for many applications.

ABS is also non-toxic, meeting the toxicological requirements of the British Plastic Federation, British Biological Research Association Code of Practice for Food Usage 45/5, and EEC requirements for plastic materials in contact with foodstuffs. The system is lightweight, sturdy, and easy to install using solvent cement. ABS products are identifiable by their light grey colour.

While ABS is resistant to a wide range of diluted inorganic acids, organic acids, salts, animal fats, and oils, it is not impervious to organic solvents, alcohol, petrol, acetic acid, or vegetable oils.

Manufacturing Standards

ABS products are generally manufactured to the following standards:

Primeline pipe – BS5391 Part 1

Fittings – BS5392 Part 1

Threaded fittings – BS21, DIN2999, ISO7

Specifications

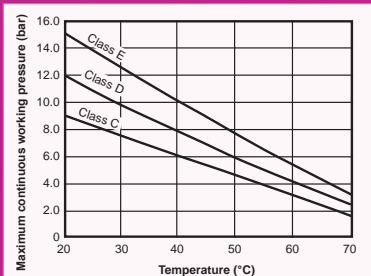
Unless otherwise stated, ABS pressure fittings have the following pressure ratings: * All quoted at 20°C

Solvent weld – 1/2" to 8" = Class E/15 bar

10" = Class D/12 bar

Threaded = Class D/12 bar

Pressure ratings for plastic pipework systems are quoted at a standard temperature of 20°C. If the temperature increases, the pressure rating must decrease accordingly. It is crucial to avoid using ABS systems for temperatures exceeding 70°C. Refer to the chart below to understand the relationship between pressure and temperature in ABS pipework systems.

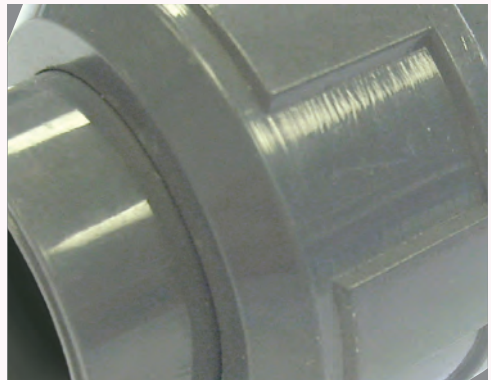
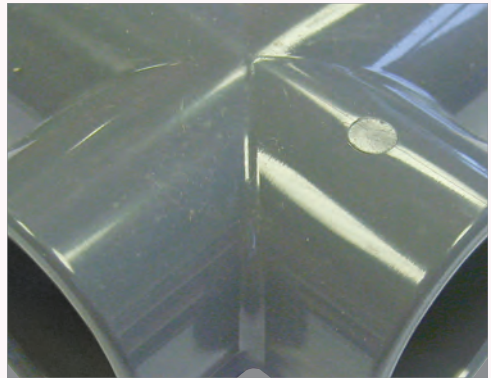
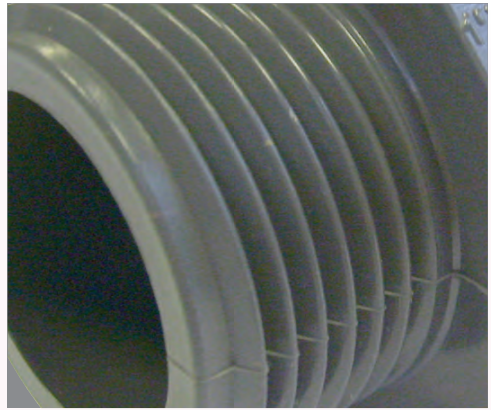


In above-ground installations, supporting ABS pipes and their contents is essential. The recommended maximum spacing for ABS pipes depends on the following operating conditions:

1. Fluid density of not more than 1g/cm³
2. PN15 pipe
3. Horizontal pipe runs



Tube NB,
Nominal bore or
nominal pipe size



| SPACING GIVEN IN METRES | | | | DIMENSIONS IN MM | |
|--------------------------|------|------|------|------------------|---------|
| NOMINAL BORE | 20°C | 50°C | 70°C | NOMINAL BORE | MEAN OD |
| PIPEWORK SUPPORT CENTRES | | | | | |
| 3/8" | 0.8 | 0.5 | 0.4 | – | – |
| 1/2" | 0.9 | 0.6 | 0.5 | 1 1/2" | 21.4 |
| 3/4" | 1.0 | 0.7 | 0.6 | 3/4" | 26.7 |
| 1" | 1.1 | 0.8 | 0.7 | 1" | 33.6 |
| 1 1/4" | 1.2 | 0.9 | 0.7 | 1 1/4" | 42.2 |
| 1 1/2" | 1.3 | 1.0 | 0.7 | 1 1/2" | 48.3 |
| 2" | 1.4 | 1.1 | 0.8 | 2" | 60.3 |
| 2 1/2" | 1.5 | 1.2 | 0.8 | 2 1/2" | 75.2 |
| 3" | 1.6 | 1.2 | 0.9 | 3" | 88.9 |
| 4" | 1.8 | 1.3 | 1.0 | 4" | 114.3 |
| 5" | 2.0 | 1.5 | 1.1 | 5" | 140.2 |
| 6" | 2.1 | 1.6 | 1.2 | 6" | 168.3 |
| 8" | 2.3 | 1.8 | 1.5 | 8" | 219.1 |

For vertical pipe runs, spacing should be increased by 50%.

ADAPTOR BSPP MALE



3825

| PART NUMBER | THREAD | TUBE NB | LENGTH |
|-------------|-------------|---------|----------|
| aAAD32-12 | 1/2" BSPP | 1/2" | 46.0 mm |
| aAAD32-34 | 3/4" BSPP | 3/4" | 50.0 mm |
| aAAD32-1 | 1" BSPP | 1" | 57.0 mm |
| aAAD32-114 | 1 1/4" BSPP | 1 1/4" | 66.5 mm |
| aAAD32-112 | 1 1/2" BSPP | 1 1/2" | 74.0 mm |
| aAAD32-2 | 2" BSPP | 2" | 84.0 mm |
| aAAD32-3 | 3" BSPP | 3" | 110.0 mm |
| aAAD32-4 | 4" BSPP | 4" | 120.0 mm |

ADAPTOR BSPP FEMALE



3825

| PART NUMBER | THREAD | TUBE NB | LENGTH |
|-------------|-------------|---------|----------|
| aAAD42-12 | 1/2" BSPP | 1/2" | 39.0 mm |
| aAAD42-34 | 3/4" BSPP | 3/4" | 43.3 mm |
| aAAD42-1 | 1" BSPP | 1" | 49.1 mm |
| aAAD42-114 | 1 1/4" BSPP | 1 1/4" | 57.4 mm |
| aAAD42-112 | 1 1/2" BSPP | 1 1/2" | 62.4 mm |
| aAAD42-2 | 2" BSPP | 2" | 73.7 mm |
| aAAD42-3 | 3" BSPP | 3" | 98.3 mm |
| aAAD42-4 | 4" BSPP | 4" | 115.3 mm |

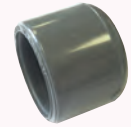
90° R/S BEND



3825

| PART NUMBER | TUBE NB |
|-------------|---------|
| aABE33-12 | 1/2" |
| aABE33-34 | 3/4" |
| aABE33-1 | 1" |
| aABE33-114 | 1 1/4" |
| aABE33-112 | 1 1/2" |
| aABE33-2 | 2" |
| aABE33-212 | 2 1/2" |
| aABE33-3 | 3" |
| aABE33-4 | 4" |

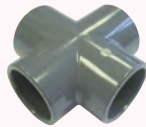
CAPS



3825

| PART NUMBER | TUBE NB | LENGTH |
|-------------|---------|----------|
| aACA73-12 | 1/2" | 27.0 mm |
| aACA73-34 | 3/4" | 31.0 mm |
| aACA73-1 | 1" | 36.0 mm |
| aACA73-114 | 1 1/4" | 43.0 mm |
| aACA73-112 | 1 1/2" | 49.0 mm |
| aACA73-2 | 2" | 57.0 mm |
| aACA73-212 | 2 1/2" | 67.0 mm |
| aACA73-3 | 3" | 80.0 mm |
| aACA73-4 | 4" | 95.0 mm |
| aACA73-5 | 5" | 114.0 mm |
| aACA73-6 | 6" | 126.0 mm |

EQUAL CROSS



3825

| PART NUMBER | TUBE NB |
|-------------|---------|
| aACR33-12 | 1/2" |
| aACR33-34 | 3/4" |
| aACR33-1 | 1" |
| aACR33-114 | 1 1/4" |
| aACR33-112 | 1 1/2" |
| aACR33-2 | 2" |

90° ELBOW BSPP FEMALE



3825

| PART NUMBER | THREAD | TUBE NB |
|-------------|-------------|---------|
| aAEL32-12 | 1/2" BSPP | 1/2" |
| aAEL32-34 | 3/4" BSPP | 3/4" |
| aAEL32-1 | 1" BSPP | 1" |
| aAEL32-114 | 1 1/4" BSPP | 1 1/4" |
| aAEL32-112 | 1 1/2" BSPP | 1 1/2" |
| aAEL32-2 | 2" BSPP | 2" |

90° ELBOW



3825

| PART NUMBER | TUBE NB |
|-------------|---------|
| aAEL53-12 | 1/2" |
| aAEL53-34 | 3/4" |
| aAEL53-1 | 1" |
| aAEL53-114 | 1 1/4" |
| aAEL53-112 | 1 1/2" |
| aAEL53-2 | 2" |
| aAEL53-212 | 2 1/2" |
| aAEL53-3 | 3" |
| aAEL53-4 | 4" |
| aAEL53-5 | 5" |
| aAEL53-6 | 6" |
| aAEL53-8 | 8" |

45° ELBOW



3825

| PART NUMBER | TUBE NB |
|-------------|---------|
| aAEY53-12 | 1/2" |
| aAEY53-34 | 3/4" |
| aAEY53-1 | 1" |
| aAEY53-114 | 1 1/4" |
| aAEY53-112 | 1 1/2" |
| aAEY53-2 | 2" |
| aAEY53-212 | 2 1/2" |
| aAEY53-3 | 3" |
| aAEY53-4 | 4" |
| aAEY53-5 | 5" |
| aAEY53-6 | 6" |



3825

FULL FACED FLANGE TABLE E

| PART NUMBER | TUBE NB |
|-------------|---------|
| aAFF30-114 | 1 1/4" |
| aAFF30-112 | 1 1/2" |
| aAFF30-2 | 2" |



3825

FULL FACED FLANGE PN16

| PART NUMBER | TUBE NB |
|-------------|---------|
| aAFF33-12 | 1/2" |
| aAFF33-34 | 3/4" |
| aAFF33-1 | 1" |
| aAFF33-114 | 1 1/4" |
| aAFF33-112 | 1 1/2" |
| aAFF33-2 | 2" |
| aAFF33-212 | 2 1/2" |
| aAFF33-3 | 3" |
| aAFF33-4 | 4" |



3825

SOCKET

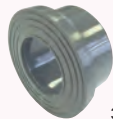
| PART NUMBER | TUBE NB | LENGTH |
|-------------|---------|----------|
| aASO13-12 | 1/2" | 35.0 mm |
| aASO13-34 | 3/4" | 41.0 mm |
| aASO13-1 | 1" | 47.0 mm |
| aASO13-114 | 1 1/4" | 55.0 mm |
| aASO13-112 | 1 1/2" | 65.0 mm |
| aASO13-2 | 2" | 79.0 mm |
| aASO13-212 | 2 1/2" | 92.0 mm |
| aASO13-3 | 3" | 107.0 mm |
| aASO13-4 | 4" | 128.0 mm |
| aASO13-5 | 5" | 160.0 mm |
| aASO13-6 | 6" | 180.0 mm |
| aASO13-8 | 8" | 249.0 mm |



3825

SOCKET BSPP FEMALE

| PART NUMBER | THREAD | TUBE NB | LENGTH |
|-------------|-------------|---------|----------|
| aASO32-12 | 1/2" BSPP | 1/2" | 35.0 mm |
| aASO32-34 | 3/4" BSPP | 3/4" | 39.3 mm |
| aASO32-1 | 1" BSPP | 1" | 46.1 mm |
| aASO32-114 | 1 1/4" BSPP | 1 1/4" | 52.4 mm |
| aASO32-112 | 1 1/2" BSPP | 1 1/2" | 57.4 mm |
| aASO32-2 | 2" BSPP | 2" | 68.7 mm |
| aASO32-212 | 2 1/2" BSPP | 2 1/2" | 79.2 mm |
| aASO32-3 | 3" BSPP | 3" | 92.3 mm |
| aASO32-4 | 4" BSPP | 4" | 108.3 mm |



3825

STUB FLANGE

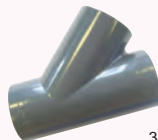
| PART NUMBER | TUBE NB | LENGTH |
|-------------|---------|----------|
| aAST23-12 | 1/2" | 16.0 mm |
| aAST23-34 | 3/4" | 19.0 mm |
| aAST23-1 | 1" | 22.0 mm |
| aAST23-114 | 1 1/4" | 26.0 mm |
| aAST23-112 | 1 1/2" | 31.0 mm |
| aAST23-2 | 2" | 38.0 mm |
| aAST23-212 | 2 1/2" | 44.0 mm |
| aAST23-3 | 3" | 51.0 mm |
| aAST23-4 | 4" | 61.0 mm |
| aAST23-5 | 5" | 76.0 mm |
| aAST23-6 | 6" | 86.0 mm |
| aAST23-8 | 8" | 119.0 mm |



3825

EQUAL TEE

| PART NUMBER | TUBE NB |
|-------------|---------|
| aATE43-12 | 1/2" |
| aATE43-34 | 3/4" |
| aATE43-1 | 1" |
| aATE43-114 | 1 1/4" |
| aATE43-112 | 1 1/2" |
| aATE43-2 | 2" |
| aATE43-212 | 2 1/2" |
| aATE43-3 | 3" |
| aATE43-4 | 4" |
| aATE43-5 | 5" |
| aATE43-6 | 6" |
| aATE43-8 | 8" |



3825

45° TEE

| PART NUMBER | TUBE NB |
|-------------|---------|
| aATY43-12 | 1/2" |
| aATY43-34 | 3/4" |
| aATY43-1 | 1" |
| aATY43-114 | 1 1/4" |
| aATY43-112 | 1 1/2" |
| aATY43-2 | 2" |

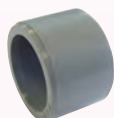


3825

SOCKET UNION

| PART NUMBER | TUBE NB |
|-------------|---------|
| aAUN83-12 | 1/2" |
| aAUN83-34 | 3/4" |
| aAUN83-1 | 1" |
| aAUN83-114 | 1 1/4" |
| aAUN83-112 | 1 1/2" |
| aAUN83-2 | 2" |
| aAUN83-212 | 2 1/2" |
| aAUN83-3 | 3" |
| aAUN83-4 | 4" |

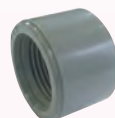
ABS PIPE FITTINGS



3825

REDUCING BUSH

| PART NUMBER | TUBE NB | TUBE NB |
|-------------|---------|---------|
| aARB933412 | 3/4" | 1/2" |
| aARB93112 | 1" | 1/2" |
| aARB93134 | 1" | 3/4" |
| aARB931412 | 1 1/4" | 1/2" |
| aARB931434 | 1 1/4" | 3/4" |
| aARB931141 | 1 1/4" | 1" |
| aARB931234 | 1 1/2" | 3/4" |
| aARB931121 | 1 1/2" | 1" |
| aARB931214 | 1 1/2" | 1 1/4" |
| aARB9321 | 2" | 1" |
| aARB932114 | 2" | 1 1/4" |
| aARB932112 | 2" | 1 1/2" |
| aARB932122 | 2 1/2" | 2" |
| aARB933112 | 3" | 1 1/2" |
| aARB9332 | 3" | 2" |
| aARB933212 | 3" | 2 1/2" |
| aARB9342 | 4" | 2" |
| aARB934212 | 4" | 2 1/2" |
| aARB9343 | 4" | 3" |
| aARB9354 | 5" | 4" |
| aARB9364 | 6" | 4" |
| aARB9386 | 8" | 6" |



3825

REDUCING BUSH BSPP FEMALE

| PART NUMBER | TUBE NB | THREAD |
|-------------|---------|-----------|
| aARB303412 | 3/4" | 1/2" BSPP |
| aARB30134 | 1" | 3/4" BSPP |



3825

REDUCING SOCKET

| PART NUMBER | TUBE NB | TUBE NB |
|-------------|---------|---------|
| aARS133412 | 3/4" | 1/2" |
| aARS13134 | 1" | 3/4" |
| aARS131141 | 1 1/4" | 1" |
| aARS131214 | 1 1/2" | 1 1/4" |
| aARS132112 | 2" | 1 1/2" |
| aARS132122 | 2 1/2" | 2" |
| aARS133212 | 3" | 2 1/2" |
| aARS1343 | 4" | 3" |

CHECK VALVES - FOR SOLVENT WELDING



3828

ABS DOUBLE UNION EPDM SEALS

| PART NUMBER | TUBE NB |
|-------------|---------|
| aACVD13-12 | 1/2" |
| aACVD13-34 | 3/4" |
| aACVD13-1 | 1" |
| aACVD13-114 | 1 1/4" |
| aACVD13-112 | 1 1/2" |
| aACVD13-2 | 2" |



3828

uPVC DOUBLE UNION EPDM SEALS

| PART NUMBER | TUBE NB |
|-------------|---------|
| aPCVD13-12 | 1/2" |
| aPCVD13-34 | 3/4" |
| aPCVD13-1 | 1" |
| aPCVD13-114 | 1 1/4" |
| aPCVD13-112 | 1 1/2" |
| aPCVD13-2 | 2" |

uPVC & ABS ACCESSORIES



3820

SOLVENT CEMENT FOR uPVC FITTINGS

| PART NUMBER | DESCRIPTION |
|-------------|-------------|
| aCEMENT-PVC | 500 ml tin |



3825

SOLVENT CEMENT FOR ABS FITTINGS

| PART NUMBER | DESCRIPTION |
|-------------|-------------|
| aCEMENT-ABS | 500 ml tin |



3820

CLEANING FLUID FOR uPVC & ABS FITTINGS

| PART NUMBER | DESCRIPTION |
|-------------|-------------|
| aCLEANERMEK | 500 ml tin |

Do you also need?

PARKAIR®



uPVC & ABS ball valves

Find it on page 431, section seven

uPVC TUBING


uPVC TUBING
CLASS C, 9 BAR

3815

| PART NUMBER | TUBE NB | LENGTH |
|-------------|---------|--------|
| aP2C-3 | 2" | 3 m |
| aP3C-3 | 3" | 3 m |
| aP4C-3 | 4" | 3 m |
| aP5C-3 | 5" | 3 m |
| aP6C-3 | 6" | 3 m |
| aP8C-3 | 8" | 3 m |
| aP2C-6 | 2" | 6 m |
| aP3C-6 | 3" | 6 m |
| aP4C-6 | 4" | 6 m |
| aP5C-6 | 5" | 6 m |
| aP6C-6 | 6" | 6 m |
| aP8C-6 | 8" | 6 m |


uPVC TUBING
CLASS E, 15 BAR

3815

| PART NUMBER | TUBE NB | LENGTH |
|-------------|---------|--------|
| aP1/2E-3 | 1/2" | 3 m |
| aP3/4E-3 | 3/4" | 3 m |
| aP1E-3 | 1" | 3 m |
| aP11/4E-3 | 1 1/4" | 3 m |
| aP11/2E-3 | 1 1/2" | 3 m |
| aP2E-3 | 2" | 3 m |
| aP3E-3 | 3" | 3 m |
| aP4E-3 | 4" | 3 m |
| aP6E-3 | 6" | 3 m |
| aP1/2E-6 | 1/2" | 6 m |
| aP3/4E-6 | 3/4" | 6 m |
| aP1E-6 | 1" | 6 m |
| aP11/4E-6 | 1 1/4" | 6 m |
| aP11/2E-6 | 1 1/2" | 6 m |
| aP2E-6 | 2" | 6 m |
| aP3E-6 | 3" | 6 m |
| aP4E-6 | 4" | 6 m |
| aP6E-6 | 6" | 6 m |


uPVC TUBING
CLASS 7, 12 BAR

3815

| PART NUMBER | TUBE NB | LENGTH |
|-------------|---------|--------|
| aP1/27-3 | 1/2" | 3 m |
| aP3/47-3 | 3/4" | 3 m |
| aP17-3 | 1" | 3 m |
| aP11/47-3 | 1 1/4" | 3 m |
| aP11/27-3 | 1 1/2" | 3 m |
| aP27-3 | 2" | 3 m |
| aP1/27-6 | 1/2" | 6 m |
| aP3/47-6 | 3/4" | 6 m |
| aP17-6 | 1" | 6 m |
| aP11/47-6 | 1 1/4" | 6 m |
| aP11/27-6 | 1 1/2" | 6 m |
| aP27-6 | 2" | 6 m |

Class 7 pipe is a thick walled pipe designed for threading
Pressure rating is 7 bar after threading

uPVC tubing is
WRAS approved


Tube NB,
Nominal bore or
nominal pipe size

ABS TUBING


ABS TUBING
CLASS C, 9 BAR

3815

| PART NUMBER | TUBE NB | LENGTH |
|-------------|---------|--------|
| aA1C-3 | 1" | 2.9 m |
| aA11/4C-3 | 1 1/4" | 2.9 m |
| aA11/2C-3 | 1 1/2" | 2.9 m |
| aA2C-3 | 2" | 2.9 m |
| aA21/2C-3 | 2 1/2" | 2.9 m |
| aA3C-3 | 3" | 2.9 m |
| aA4C-3 | 4" | 2.9 m |
| aA5C-3 | 5" | 2.9 m |
| aA6C-3 | 6" | 2.9 m |
| aA8C-3 | 8" | 2.9 m |
| aA1C-6 | 1" | 5.8 m |
| aA11/4C-6 | 1 1/4" | 5.8 m |
| aA11/2C-6 | 1 1/2" | 5.8 m |
| aA2C-6 | 2" | 5.8 m |
| aA21/2C-6 | 2 1/2" | 5.8 m |
| aA3C-6 | 3" | 5.8 m |
| aA4C-6 | 4" | 5.8 m |
| aA5C-6 | 5" | 5.8 m |
| aA6C-6 | 6" | 5.8 m |
| aA8C-6 | 8" | 5.8 m |


ABS TUBING
CLASS E, 15 BAR

3815

| PART NUMBER | TUBE NB | LENGTH |
|-------------|---------|--------|
| aA1/2E-3 | 1/2" | 2.9 m |
| aA3/4E-3 | 3/4" | 2.9 m |
| aA1E-3 | 1" | 2.9 m |
| aA11/4E-3 | 1 1/4" | 2.9 m |
| aA11/2E-3 | 1 1/2" | 2.9 m |
| aA2E-3 | 2" | 2.9 m |
| aA3E-3 | 3" | 2.9 m |
| aA4E-3 | 4" | 2.9 m |
| aA1/2E-6 | 1/2" | 5.8 m |
| aA3/4E-6 | 3/4" | 5.8 m |
| aA1E-6 | 1" | 5.8 m |
| aA11/4E-6 | 1 1/4" | 5.8 m |
| aA11/2E-6 | 1 1/2" | 5.8 m |
| aA2E-6 | 2" | 5.8 m |
| aA3E-6 | 3" | 5.8 m |
| aA4E-6 | 4" | 5.8 m |