



Industrial Fittings

Trade Guide

 RWC

Contact Information

Head office and National Distribution Centre

Reliance Worldwide Corporation (Aust) Pty. Ltd.

Address: 27-28 Chapman Place
Eagle Farm QLD 4009
Australia

Phone: 1800 810 803

Fax: 1800 062 669

Web: www.TubeFit.com.au

Reliance Worldwide Corporation (Aust) Pty. Ltd. ABN 71 004 784 301

Introduction

Policies, Terms & Conditions and Warranty	1
---	---

Tube Connection Fittings

Standard Compression Fittings – Imperial (Technical Information)	2
Standard Compression Fittings – Metric (Technical Information)	3
Standard Compression – Imperial	4
Standard Compression – Imperial x NPT	8
Standard Compression – Metric	10
Internal Compression Fittings – Imperial (Technical Information)	13
Internal Compression Fittings – Imperial	14
SAE 45° Flare Fittings (Technical Information)	18
SAE 45° Inverted Flare Fittings (Technical Information)	19
SAE 45° Flare Fittings – Imperial	20
SAE 45° Flare Fittings – Imperial x NPT	24
Flare Fitting Assemblies – Imperial	26
SAE Inverted Flare Fittings – Imperial	28
Brass Inverted Flare Fittings – NPT	30
Fleetfit Push-In Fittings – Metric (Technical Information)	32
Fleetfit Push-In Fittings – Metric	33
Fleetfit Push-In Fittings – Metric x Metric	35
1800 Series Airbrake Fittings – Imperial	36
1400 Series Brass Airbrake Fittings – Nylon	40
1300 Series Brass Airbrake Fittings – Copper	43
Pneufit Push-In Fittings (Technical Information)	45
Pneufit Brass Push-In Fittings – Imperial	46
Pneufit Brass Push-In Fittings – Metric	48
Pneufit Composite Push-In Fittings – Imperial	50
Pneufit Composite Push-In Fittings – Metric	52

Threaded Adaptors

Threaded Adaptors (Technical Information)	54
Threaded Adaptors (Technical Information)	55
Brass Adaptors – BSP	56
WaterMarked Screwed Brassware – AS 3688	60
Standard 316 Stainless Steel	64
Metric x BSP/NPT Adaptors	68
Brass Adaptors – NPT	70

Airline

Barbed Brass Fittings (Technical Information)	74
Barbed Brass Fittings	75
Hi Coupler Series – Nitto Couplings & Adaptors (Technical Information)	81
TSP Coupler Series – Nitto Couplings & Adaptors (Technical Information)	82
SP Coupler Series – Nitto Couplings & Adaptors (Technical Information)	83

Airline (Continued)

Nitto Couplings & Adaptors	84
200 & 200S Series Ryco Couplings & Adaptors (Technical Information)	90
Super-Hi-Flow 290 Series Ryco Couplings & Adaptors (Technical Information)	91
Industrial 300 Series Ryco Couplings & Adaptors (Technical Information)	92
Super-Hi-Flow 400 Series Ryco Couplings & Adaptors (Technical Information)	93
Super-Hi-Flow 500 Series Ryco Couplings & Adaptors (Technical Information)	94
Ryco Couplings & Adaptors	95
BrakeFit Couplings & Adaptors	98
Air Guns	100
Tyre Inflation & Tyre Gauges	101
Norgren Air Preparation Equipment	103

Specific Application Products

Fuel Filter Adaptors	104
Thread Tapes	104
Grease Guns	104
Oil Suction Guns	104
Engine Cleaning Guns	104
Grease Nipples	105
Pressure Gauges	107

Valves and Taps

Brass Ball Valves (Technical Information)	110
Brass Ball Valves	124
Brass 3 Way Ball Valves	126
Stainless Steel Ball Valves – 316 Grade	127
Miscellaneous Valves	128
Truck Valves	131
Needle Valves	132
Lever Taps	133

Hose, Tube and Accessories

Hose & Tube (Technical Information)	134
Hose & Tube	145
Custom Extrusion (Technical Information)	150
Accessories	151

Point of Sale Merchandisers

Point of Sale Merchandisers	154
-----------------------------	-----

Technical Information

Tube & Thread Profile Chart	155
Thread Information	156
Tube Connection Fittings	159
Maximum Working Pressure Tables – Copper Tubes	160
Corrosion Rating Charts	161
Conversion Tables	164
Conversion Factors	165

Terms and Conditions

No party should rely upon the contents of this publication as to the fitness of any particular product for any particular use or application. Goods are offered with the benefit of the manufacturers warranty but Reliance Worldwide Corporation (Aust.) Pty. Ltd. shall not be liable for any loss or damage either direct or consequential arising out of any defects.

Reliance Worldwide Corporation reserves the right to modify designs and specifications and to withdraw and introduce products at any time without notice.

No part of this publication may be reproduced, copied or transmitted in any form by any means graphic, electronic or mechanical (including photo-copying, recording, taping or by any information storage and retrieval system) without prior permission in writing of the publisher Reliance Worldwide Corporation (Aust.) Pty. Ltd.

Installation

Installation is subject to the requirements of the applicable regulatory authority, the National Construction Code Volume Three – Plumbing Code of Australia, associated reference standards as applicable at the time and AS/NZS 3500. For further Scope of Use, please visit www.tubefit.com.au/downloads

Reliance Worldwide Corporation Warranty

Reliance Worldwide Corporation reserves the right to modify designs and specifications and to withdraw and introduce products at any time without notice.

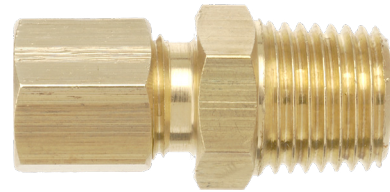
Reliance Worldwide Corporation (Aust.) Pty. Ltd. (RWC) will either replace or repair any defective goods where the defect arose as a result of manufacture for one (1) years (see website for more details). You may contact RWC at the phone number, address or e-mail shown and will be required to return the goods for evaluation. Should the defect be found to be one of our manufacture we will send you a replacement product to your stated address at our expense. Our goods come with guarantees that cannot be excluded under Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and failure does not amount to a major failure.

© 2023 All rights reserved

Style and Description

Standard Compression fittings are a good option for connecting tube in applications involving minor vibration.

Comprising of 3 pieces – nut, sleeve and a body, Standard Compression fittings are a popular choice amongst tradesmen because of the many application possibilities the product offers (not gas), only minimal tube preparation is required and specialist tools are not needed to effect a sound joint.



Working Pressure

0-3500kPa depending upon tube size and media.

Media / Application

- ✓ Compressed air lines
- ✓ Water
- ✓ Fuel lines
- ✓ Oil lines
- ✓ Lubrication lines
- ✗ Gas

Construction

- Compression nut
- Universal sleeve
- Compression body
- Material: Brass
- Pipe Thread BSP: Tapered Male (R Series) Parallel Female (Rp Series)
- Pipe Thread NPT

Tube

- ✓ Nylon
- ✓ Poly tube
- ✓ Copper – Annealed and hard drawn
- ✓ Aluminium
- ✓ Brass
- ✗ Steel Bundy
- ✗ Stainless steel

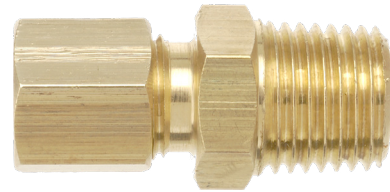
Assembly & Installation

1. Cut the tube square, clean and remove any burrs or loose cuttings.
2. If using metallic tube, move to point 3. If using non-metallic tube, insert the appropriate TubeFit No. 99 spigot into the end of the tube.
3. Loosen nut 1/2" turn and insert tube into the mouth of the fitting. Ensure the tube passes through the sleeve and rests against the tube stop. (The tube is resting against the tube stop when the tubing can no longer be inserted any further into the body of the fitting).
4. From finger tight, tighten nut to 'spanner firm' position.
(Caution: do not over-tighten.)
5. If used in a pneumatic application, apply a soapy solution to the joint to be certain a positive seal has been made. Visually inspect for leaks if used in an hydraulic application.

Style and Description

Standard Compression fittings are a good option for connecting tube in applications involving minor vibration.

Comprising of 3 pieces – nut, sleeve and a body, Standard Compression fittings are a popular choice amongst tradesmen because of the many application possibilities the product offers (not gas), only minimal tube preparation is required and specialist tools are not needed to effect a sound joint.



Working Pressure

0-3500kPa depending upon tube size and media.

Media / Application

- ✓ Compressed air lines
- ✓ Water
- ✓ Fuel lines
- ✓ Oil lines
- ✓ Lubrication lines
- ✗ Gas

Construction

- Compression nut
- Universal sleeve
- Compression body
- Material: Brass
- Pipe Thread BSP: Tapered Male (R Series) Parallel Female (Rp Series)

Tube

- ✓ Nylon
- ✓ Poly tube
- ✓ Copper – Annealed and hard drawn
- ✓ Aluminium
- ✓ Brass
- ✗ Steel Bundy
- ✗ Stainless steel

Assembly & Installation

1. Cut the tube square, clean and remove any burrs or loose cuttings.
2. If using metallic tube, move to point 3. If using non-metallic tube, insert the appropriate TubeFit No. 99 spigot into the end of the tube.
3. Loosen nut ½" turn and insert tube into the mouth of the fitting. Ensure the tube passes through the sleeve and rests against the tube stop. (The tube is resting against the tube stop when the tubing can no longer be inserted any further into the body of the fitting).
4. From finger tight, tighten nut to 'spanner firm' position.
(Caution: do not over-tighten.)
5. If used in a pneumatic application, apply a soapy solution to the joint to be certain a positive seal has been made. Visually inspect for leaks if used in an hydraulic application.



100 Universal Compression Sleeve

Order Code	Tube
01100-02	1/8"
01100-03	3/16"
01100-04	1/4"
01100-05	5/16"
01100-06	3/8"
01100-08	1/2"
01100-10	5/8"
01100-12	3/4"



1 Compression Sleeve – For Metal Tube

Order Code	Tube
01001-02	1/8"
01001-03	3/16"
01001-04	1/4"
01001-05	5/16"
01001-06	3/8"
01001-08	1/2"



2 Compression Nut

Order Code	Tube
01002-02	1/8"
01002-03	3/16"
01002-04	1/4"
01002-05	5/16"
01002-06	3/8"
01002-08	1/2"



3 Male Connector

Order Code	Tube x BSPT
01003-0202	1/8" x 1/8"
01003-0204	1/8" x 1/4"
01003-0302	3/16" x 1/8"
01003-0304	3/16" x 1/4"
01003-0402	1/4" x 1/8"
01003-0404	1/4" x 1/4"
01003-0406	1/4" x 3/8"
01003-0408	1/4" x 1/2"
01003-0502	5/16" x 1/8"
01003-0504	5/16" x 1/4"
01003-0506	5/16" x 3/8"
01003-0602	3/8" x 1/8"
01003-0604	3/8" x 1/4"
01003-0606	3/8" x 3/8"
01003-0608	3/8" x 1/2"
01003-0804	1/2" x 1/4"
01003-0806	1/2" x 3/8"
01003-0808	1/2" x 1/2"



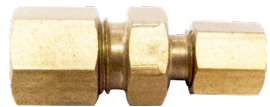
99 Tube Spigot

Order Code	Tube OD x ID
05100-03	3/16" x .125
05100-04	1/4" x .168
05100-05	5/16" x .214
05100-06	3/8" x .258
05100-08	1/2" x .347
05100-10	5/8" x .495
05100-YL04	1/4" x .147
05100-YL05	5/16" x .186
05100-YL06	3/8" x .224
05100-YL08	1/2" x .303



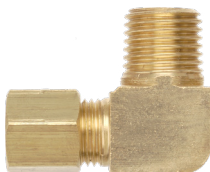
4 Tube Union

Order Code	Tube
01004-03	3/16"
01004-04	1/4"
01004-05	5/16"
01004-06	3/8"
01004-08	1/2"



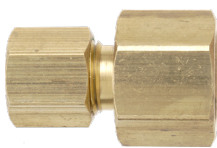
4R Reducing Tube Union

Order Code	Tube x Tube
01004-0402	1/4" x 1/8"
01004-0403	1/4" x 3/16"
01004-0504	5/16" x 1/4"
01004-0604	3/8" x 1/4"
01004-0605	3/8" x 5/16"
01004-0804	1/2" x 1/4"
01004-0806	1/2" x 3/8"



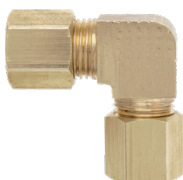
5 Male Elbow

Order Code	Tube x BSPT
01005-0202	1/8" x 1/8"
01005-0302	3/16" x 1/8"
01005-0304	3/16" x 1/4"
01005-0402	1/4" x 1/8"
01005-0404	1/4" x 1/4"
01005-0406	1/4" x 3/8"
01005-0502	5/16" x 1/8"
01005-0504	5/16" x 1/4"
01005-0506	5/16" x 3/8"
01005-0602	3/8" x 1/8"
01005-0604	3/8" x 1/4"
01005-0606	3/8" x 3/8"
01005-0608	3/8" x 1/2"
01005-0804	1/2" x 1/4"
01005-0806	1/2" x 3/8"
01005-0808	1/2" x 1/2"



10 Female Connector

Order Code	Tube x BSP
01010-0202	1/8" x 1/8"
01010-0302	3/16" x 1/8"
01010-0304	3/16" x 1/4"
01010-0402	1/4" x 1/8"
01010-0404	1/4" x 1/4"
01010-0406	1/4" x 3/8"
01010-0502	5/16" x 1/8"
01010-0504	5/16" x 1/4"
01010-0602	3/8" x 1/8"
01010-0604	3/8" x 1/4"
01010-0606	3/8" x 3/8"
01010-0608	3/8" x 1/2"
01010-0804	1/2" x 1/4"
01010-0806	1/2" x 3/8"
01010-0808	1/2" x 1/2"



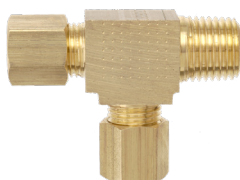
11 Tube Elbow

Order Code	Tube
01011-02	1/8"
01011-03	3/16"
01011-04	1/4"
01011-05	5/16"
01011-06	3/8"
01011-08	1/2"



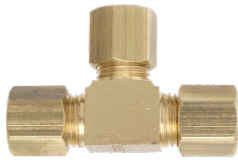
12 Male Branch Tee

Order Code	Tube x BSPT
01012-0302	3/16" x 1/8"
01012-0402	1/4" x 1/8"
01012-0404	1/4" x 1/4"
01012-0502	5/16" x 1/8"
01012-0504	5/16" x 1/4"
01012-0602	3/8" x 1/8"
01012-0604	3/8" x 1/4"
01012-0606	3/8" x 3/8"
01012-0804	1/2" x 1/4"
01012-0806	1/2" x 3/8"
01012-0808	1/2" x 1/2"



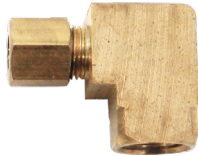
13 Male Run Tee

Order Code	Tube x BSPT
01013-0402	1/4" x 1/8"
01013-0404	1/4" x 1/4"
01013-0504	5/16" x 1/4"
01013-0604	3/8" x 1/4"
01013-0606	3/8" x 3/8"
01013-0806	1/2" x 3/8"



14 Tube Tee

Order Code	Tube
01014-02	1/8"
01014-03	3/16"
01014-04	1/4"
01014-05	5/16"
01014-06	3/8"
01014-08	1/2"



15 Female Elbow

Order Code	Tube x BSP
01015-0302	3/16" x 1/8"
01015-0402	1/4" x 1/8"
01015-0502	5/16" x 1/8"
01015-0504	5/16" x 1/4"
01015-0604	3/8" x 1/4"
01015-0606	3/8" x 3/8"
01015-0806	1/2" x 3/8"
01015-0808	1/2" x 1/2"



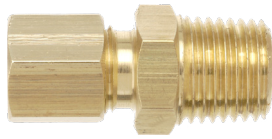
31 Bulkhead Union

Order Code	Tube
01031-04	1/4"
01031-05	5/16"
01031-06	3/8"



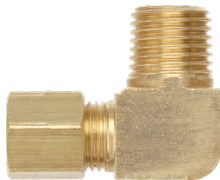
31F Female Bulkhead Union

Order Code	Tube x BSP
01031-F0402	1/4" x 1/8"



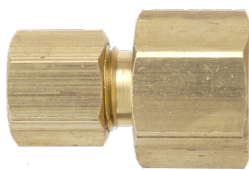
3 NPT Male Connector

Order Code	Tube x NPT
68x2x1	1/8" x 1/16"
68x2	1/8" x 1/8"
68x3	3/16" x 1/8"
68x4	1/4" x 1/8"
68x5	5/16" x 1/8"
68x5x4	5/16" x 1/4"
68x6x2	3/8" x 1/8"
68x6	3/8" x 1/4"
68x6x6	3/8" x 3/8"
68x6x8	3/8" x 1/2"
68x8x4	1/2" x 1/4"
68x8	1/2" x 3/8"
68x8x8	1/2" x 1/2"



5 NPT Male Elbow

Order Code	Tube x NPT
69x3	3/16" x 1/8"
69x4	1/4" x 1/8"
69x4x4	1/4" x 1/4"
69x5	5/16" x 1/8"
69x5x4	5/16" x 1/4"
69x6	3/8" x 1/4"
69x6x6	3/8" x 3/8"
69x6x8	3/8" x 1/2"
69x8	1/2" x 3/8"
69x8x8	1/2" x 1/2"



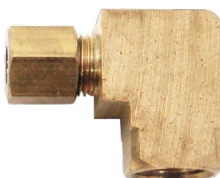
10 NPT Female Connector

Order Code	Tube x NPT
66x3	3/16" x 1/8"
66x4	1/4" x 1/8"
66x4x4	1/4" x 1/4"
66x5	5/16" x 1/8"
66x6	3/8" x 1/4"



12 NPT Male Branch Tee

Order Code	Tube x NPT
72x4	1/4" x 1/8"
72x5	5/16" x 1/8"
72x6	3/8" x 1/4"



15 NPT Female Elbow

Order Code	Tube x NPT
70x4	1/4" x 1/8"



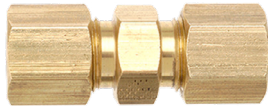
1 Compression Sleeve

Order Code	Description
60x2	1/8" Compression Sleeve
60x3	3/16" Compression Sleeve
60x4	1/4" Compression Sleeve
60x5	5/16" Compression Sleeve
60x6	3/8" Compression Sleeve
60x8	1/2" Compression Sleeve
60x10	5/8" Compression Sleeve



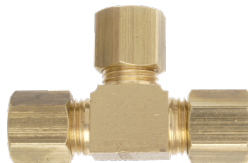
2 Compression Nut

Order Code	Description
61x2	1/8" Compression Nut
61x4	1/4" Compression Nut
61x10	5/8" Compression Nut



4 Tube Union

Order Code	Description
62x2	1/8" Compression Union
62x3	3/16" Compression Union
62x4	1/4" Compression Union
62x5	5/16" Compression Union
62x6	3/8" Compression Union
62x8	1/2" Compression Union
62x10	5/8" Compression Union



14 Union Tee

Order Code	Description
64x5	5/16" Compression Tee Union
64x6	3/8" Compression Tee Union
64x8	1/2" Compression Tee Union



11 Union Elbow

Order Code	Description
65x4	1/4" Compression Elbow Union



M100 Compression Sleeve

Order Code	Tube
32001-04	4mm
32001-06	6mm
32001-08	8mm
32001-10	10mm
32001-12	12mm



M2 Compression Nut

Order Code	Tube
32002-04	4mm
32002-06	6mm
32002-08	8mm
32002-10	10mm
32002-12	12mm



M99 Tube Spigot

Order Code	Tube OD x ID
32100-04	4mm x 2.7mm
32100-06	6mm x 4.0mm
32100-08	8mm x 5.2mm
32100-10	10mm x 6.6mm
32100-12	12mm x 8.0mm



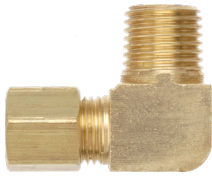
M3 Male Connector

Order Code	Tube x BSPT
32003-0402	4mm x 1/8"
32003-0602	6mm x 1/8"
32003-0604	6mm x 1/4"
32003-0606	6mm x 3/8"
32003-0802	8mm x 1/8"
32003-0804	8mm x 1/4"
32003-0806	8mm x 3/8"
32003-1002	10mm x 1/8"
32003-1004	10mm x 1/4"
32003-1006	10mm x 3/8"
32003-1008	10mm x 1/2"
32003-1204	12mm x 1/4"
32003-1206	12mm x 3/8"
32003-1208	12mm x 1/2"



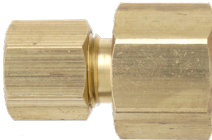
M4 Tube Union

Order Code	Tube
32004-04	4mm
32004-06	6mm
32004-08	8mm
32004-10	10mm
32004-12	12mm



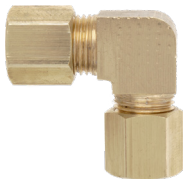
M5 Male Elbow

Order Code	Tube x BSPT
32005-0402	4mm x 1/8"
32005-0404	4mm x 1/4"
32005-0602	6mm x 1/8"
32005-0604	6mm x 1/4"
32005-0802	8mm x 1/8"
32005-0804	8mm x 1/4"
32005-0806	8mm x 3/8"
32005-1004	10mm x 1/4"
32005-1006	10mm x 3/8"
32005-1008	10mm x 1/2"
32005-1204	12mm x 1/4"
32005-1206	12mm x 3/8"
32005-1208	12mm x 1/2"



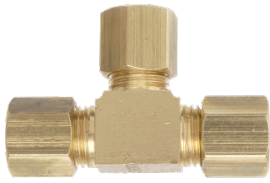
M10 Female Connector

Order Code	Tube x BSP
32010-0402	4mm x 1/8"
32010-0404	4mm x 1/4"
32010-0602	6mm x 1/8"
32010-0604	6mm x 1/4"
32010-0606	6mm x 3/8"
32010-0802	8mm x 1/8"
32010-0804	8mm x 1/4"
32010-1004	10mm x 1/4"
32010-1006	10mm x 3/8"
32010-1008	10mm x 1/2"
32010-1204	12mm x 1/4"
32010-1206	12mm x 3/8"
32010-1208	12mm x 1/2"



M11 Tube Elbow

Order Code	Tube
32011-04	4mm
32011-06	6mm
32011-08	8mm
32011-10	10mm
32011-12	12mm



M14 Tube Tee

Order Code	Tube
32014-04	4mm
32014-06	6mm
32014-08	8mm
32014-10	10mm
32014-12	12mm

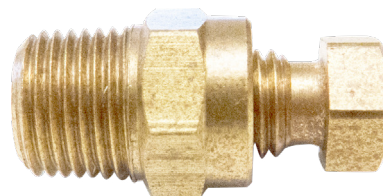


M31 Bulkhead Union

Order Code	Tube
32031-04	4mm
32031-08	8mm
32031-12	12mm

Style and Description

Unquestionably versatile and used extensively throughout the Pneumatics Industry, Internal Compression fittings provide tradesman with a product suitable for applications involving high levels of vibration because the nut gives added tube support. Like most compression products, Internal Compression fittings consist of a nut(s), sleeve(s), body, requires only minimal tube preparation and specialist tools are not required to effect a sound joint.



Working Pressure

0-3500kPa depending upon tube size and media.

Media / Application

- ✓ Compressed air lines
- ✓ Non-drinking water
- ✓ Fuel lines
- ✓ Oil lines
- ✓ Lubrication lines
- ✗ Gas

Construction

- Compression nut
- Universal sleeve
- Compression body
- Material: Brass
- Pipe Thread BSP: Tapered Male (R series) Parallel Female (Rp Series)

Tube

- ✓ Nylon
- ✓ Poly tube
- ✓ Copper – Annealed and hard drawn
- ✓ Aluminium
- ✓ Brass
- ✗ Steel bundy
- ✗ Stainless steel

Assembly & Installation

1. Cut the tube square, clean and remove any burrs or loose cuttings.
2. If using metallic tube, move to point 3. If using non-metallic tube, insert a TubeFit No. 99 spigot into the end of the tube.
3. Loosen nut ½" turn and insert tube into the mouth of the fitting. Ensure the tube passes through the sleeve and rests against the tube stop. (The tube is resting against the tube stop when the tubing can no longer be inserted any further into the body of the fitting).
4. From finger tight, tighten nut to 'spanner firm' position (Caution: do not over-tighten).
5. If used in a pneumatic application, apply a soapy solution to the joint to be certain a positive seal has been made. Visually inspect for leaks if used in an hydraulic application.



100 Universal Compression Sleeve

Order Code	Tube
01100-02	1/8"
01100-03	3/16"
01100-04	1/4"
01100-05	5/16"
01100-06	3/8"
01100-08	1/2"
01100-10	5/8"
01100-12	3/4"



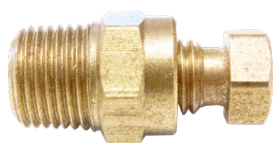
Z2 Compression Nut

Order Code	Tube
05002-02	1/8"
05002-03	3/16"
05002-04	1/4"
05002-05	5/16"
05002-06	3/8"
05002-08	1/2"
05002-10	5/8"
05002-12	3/4"



99 Tube Spigot

Order Code	Tube OD x ID
05100-03	3/16" x .125
05100-04	1/4" x .168
05100-05	5/16" x .214
05100-06	3/8" x .258
05100-08	1/2" x .347
05100-10	5/8" x .495
05100-YL04	1/4" x .147
05100-YL05	5/16" x .186
05100-YL06	3/8" x .224
05100-YL08	1/2" x .303



Z3 Male Connector

Order Code	Tube x BSPT
05003-0202	1/8" x 1/8"
05003-0204	1/8" x 1/4"
05003-0304	3/16" x 1/4"
05003-0402	1/4" x 1/8"
05003-0404	1/4" x 1/4"
05003-0406	1/4" x 3/8"
05003-0408	1/4" x 1/2"
05003-0502	5/16" x 1/8"
05003-0504	5/16" x 1/4"
05003-0506	5/16" x 3/8"
05003-0508*	5/16" x 1/2"
05003-0604	3/8" x 1/4"
05003-0608	3/8" x 1/2"
05003-0804	1/2" x 1/4"
05003-0808	1/2" x 1/2"
05003-1212	3/4" x 3/4"

**While stocks last*



Z4 Tube Union

Order Code	Tube
05004-02	1/8"
05004-03	3/16"
05004-04	1/4"
05004-05	5/16"
05004-06	3/8"



Y5 Male Elbow

Order Code	Tube x BSPT
05005-0202	1/8" x 1/8"
05005-0302	3/16" x 1/8"
05005-0304	3/16" x 1/4"
05005-0402	1/4" x 1/8"
05005-0404	1/4" x 1/4"
05005-0502	5/16" x 1/8"
05005-0504	5/16" x 1/4"
05005-0506	5/16" x 3/8"
05005-0602	3/8" x 1/8"
05005-0604	3/8" x 1/4"
05005-0606	3/8" x 3/8"
05005-0608	3/8" x 1/2"
05005-0804	1/2" x 1/4"
05005-0806	1/2" x 3/8"



Z10 Female Connector

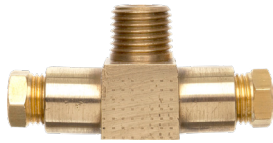
Order Code	Tube x BSP
05010-0202	1/8" x 1/8"
05010-0302	3/16" x 1/8"
05010-0404	1/4" x 1/4"
05010-0604	3/8" x 1/4"
05010-0606	3/8" x 3/8"
05010-0808	1/2" x 1/2"
05010-1212	3/4" x 3/4"



Y11 Tube Elbow

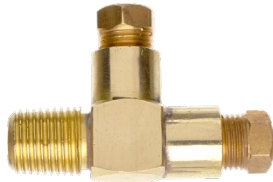
Order Code	Tube x Tube
05011-05*	5/16" x 5/16"
05011-10*	5/8" x 5/8"

**While stocks last*



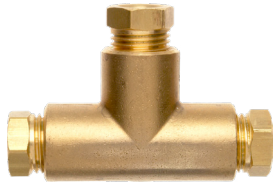
Y12 Male Branch Tee

Order Code	Tube x BSPT
05012-0302	3/16" x 1/8"
05012-0304	3/16" x 1/4"
05012-0404	1/4" x 1/4"
05012-0502	5/16" x 1/8"
05012-0504	5/16" x 1/4"



Y13 Male Run Tee

Order Code	Tube x BSPT
05013-0202	1/8" x 1/8"
05013-0302	3/16" x 1/8"
05013-0402	1/4" x 1/8"
05013-0504	5/16" x 1/4"
05013-0604	3/8" x 1/4"
05013-0806	1/2" x 3/8"



Y14 Tube Tee

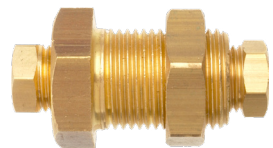
Order Code	Tube
05014-02	1/8"
05014-03	3/16"
05014-05	5/16"



Y15 Female Elbow

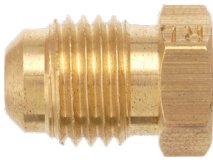
Order Code	Tube x BSP
05015-0402	1/4" x 1/8"
05015-0404	1/4" x 1/4"
05015-0504	5/16" x 1/4"
05015-0604	3/8" x 1/4"
05015-0606*	3/8" x 3/8"

*While stocks last



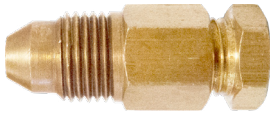
Z31 Bulkhead Union

Order Code	Tube
05031-03	3/16"
05031-05	5/16"
05031-08	1/2"



Z65 Plug

Order Code	Tube
05065-02	1/8"
05065-04	1/4"
05065-05	5/16"
05065-08	1/2"



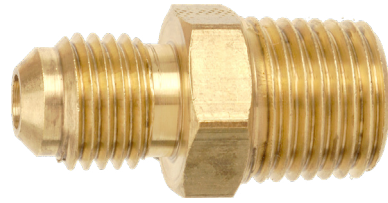
Z72 Reducing Tube Adaptor

Order Code	Tube x Tube
05072-0403	1/4" x 3/16"
05072-0604	3/8" x 1/4"
05072-0804	1/2" x 1/4"

Style and Description

Used extensively in the Plumbing and Gas Sectors, SAE 45° Flare fittings offer an excellent alternative to fittings that require a heat/flame to complete a seal. Flare fittings require the tube to be 'belled' or flared prior to assembly as the flared piece of tube is held in place between the nut and body.

Flare Fittings are ideal in situations involving mid-high level vibration.



Working Pressure

0-17250kPa depending upon tube size and media.

Media / Application

- ✓ Non-drinking water
- ✓ Gas
- ✓ LPG (Auto, domestic and commercial)
- ✓ Fuel and brake lines
- ✓ Refrigeration lines
- ✓ Hydraulics
- ✓ Pneumatics

Construction

- Flare Nut
- Flare Body
- Material: Brass
- Pipe Thread BSP: Tapered Male (R series) Parallel Female (Rp Series)
- Pipe Thread NPT

Tube

- ✓ Copper – Annealed and hard drawn
- ✓ Brass
- ✓ Aluminium
- ✓ Steel Bundy
- ✗ Stainless Steel
- ✗ Nylon
- ✗ Poly tube

Assembly & Installation

1. Cut the tube square, clean and remove any burrs or loose cuttings.
2. Slide tube nut over the tubing.
3. Using a 45° flaring tool, flare the end of the tube (as per tool instructions).
4. After the tube has been flared, ensure the tube nut is able to pass over the flared end and mate with the seat of the nut.
5. Assemble the tube nut onto fitting and tighten until 'spanner firm' (**Caution: do not over-tighten**).
6. If used in a pneumatic application, apply a soapy solution to the joint to be certain a positive seal has been made. Visually inspect for leaks if used in an hydraulic application.

Style and Description

As with other variations of flared fittings, Inverted Flare fittings require preparation of the tube prior to assembly.

Because of its compact design, suitability for applications involving high levels of vibration and excellent performance under high pressure, Inverted Flare can be found extensively in the Automotive Industry.

Working Pressure

0-17250kPa depending upon tube size and media.

Media / Application

- ✓ LPG (Auto, domestic and commercial)
- ✓ Fuel and brake lines
- ✓ Refrigeration lines
- ✓ Hydraulics
- ✓ Pneumatics
- ✗ Plumbing (gas/water)

Construction

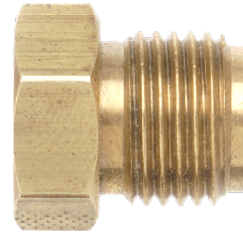
- Inverted Flare Nut
- Inverted Flare Body
- Material: Brass
- Pipe Thread BSP: Tapered Male (R Series)

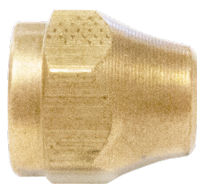
Tube

- ✓ Copper – Annealed and hard drawn
- ✓ Brass
- ✓ Aluminium
- ✓ Steel Bundy
- ✗ Stainless Steel
- ✗ Nylon
- ✗ Poly tube

Assembly & Installation

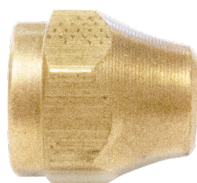
1. Cut the tube square, clean and remove any burrs or loose cuttings.
2. Slide tube nut over the tubing.
3. Using a 45° flaring tool, flare the end of the tube (as per tool instructions).
4. Assemble the tube nut onto fitting and tighten until 'spanner firm' (**Caution: do not over-tighten**).
5. If used in a pneumatic application, apply a soapy solution to the joint to be certain a positive seal has been made. Visually inspect for leaks if used in an hydraulic application.





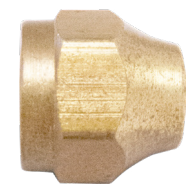
6 Standard Flare Nut

Order Code	Tube
01006-02	1/8"
01006-03	3/16"
01006-04	1/4"
01006-05	5/16"
01006-06	3/8"
01006-08	1/2"
01006-10	5/8"
01006-12	3/4"



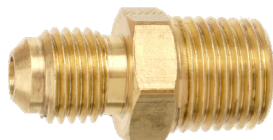
6R Reducing Flare Nut

Order Code	Tube x Tube
01006-0403	1/4" x 3/16"
01006-0504	5/16" x 1/4"
01006-0604	3/8" x 1/4"
01006-0605	3/8" x 5/16"
01006-0806	1/2" x 3/8"



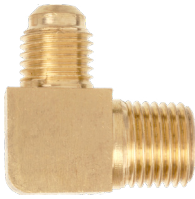
6S Short Flare Nut

Order Code	Tube
01006-S06	3/8"
01006-S08	1/2"



7 Male Connector

Order Code	Tube x BSPT
01007-0202	1/8" x 1/8"
01007-0302	3/16" x 1/8"
01007-0304	3/16" x 1/4"
01007-0402	1/4" x 1/8"
01007-0404	1/4" x 1/4"
01007-0406	1/4" x 3/8"
01007-0408	1/4" x 1/2"
01007-0502	5/16" x 1/8"
01007-0504	5/16" x 1/4"
01007-0506	5/16" x 3/8"
01007-0508	5/16" x 1/2"
01007-0602	3/8" x 1/8"
01007-0604	3/8" x 1/4"
01007-0606	3/8" x 3/8"
01007-0608	3/8" x 1/2"
01007-0612	3/8" x 3/4"
01007-0804	1/2" x 1/4"
01007-0806	1/2" x 3/8"
01007-0808	1/2" x 1/2"
01007-0812	1/2" x 3/4"
01007-1008	5/8" x 1/2"
01007-1208	3/4" x 1/2"
01007-1212	3/4" x 3/4"



8 Male Elbow

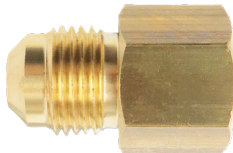
Order Code	Tube x BSPT
01008-0202	1/8" x 1/8"
01008-0302	3/16" x 1/8"
01008-0402	1/4" x 1/8"
01008-0404	1/4" x 1/4"
01008-0406	1/4" x 3/8"
01008-0502	5/16" x 1/8"
01008-0504	5/16" x 1/4"
01008-0506	5/16" x 3/8"
01008-0602	3/8" x 1/8"
01008-0604	3/8" x 1/4"
01008-0606	3/8" x 3/8"
01008-0608	3/8" x 1/2"
01008-0804	1/2" x 1/4"
01008-0806	1/2" x 3/8"
01008-0808	1/2" x 1/2"
01008-1008*	5/8" x 1/2"
01008-1012*	5/8" x 3/4"
01008-1208	3/4" x 1/2"

**While stocks last*



8 45° Male Elbow

Order Code	Tube x BSPT
01008-450504	5/16" x 1/4"
01008-450604	3/8" x 1/4"



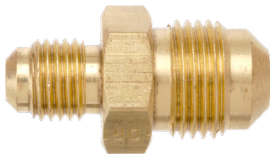
16 Female Connector

Order Code	Tube x BSP
01016-0302	3/16" x 1/8"
01016-0304	3/16" x 1/4"
01016-0402	1/4" x 1/8"
01016-0404	1/4" x 1/4"
01016-0406	1/4" x 3/8"
01016-0502	5/16" x 1/8"
01016-0504	5/16" x 1/4"
01016-0506	5/16" x 3/8"
01016-0508	5/16" x 1/2"
01016-0602	3/8" x 1/8"
01016-0604	3/8" x 1/4"
01016-0606	3/8" x 3/8"
01016-0608	3/8" x 1/2"
01016-0804	1/2" x 1/4"
01016-0806	1/2" x 3/8"
01016-0808	1/2" x 1/2"
01016-0812	1/2" x 3/4"
01016-1208	3/4" x 1/2"
01016-1212	3/4" x 3/4"



17 Flare Union

Order Code	Tube
01017-03	3/16"
01017-04	1/4"
01017-05	5/16"
01017-06	3/8"
01017-08	1/2"
01017-10	5/8"
01017-12	3/4"



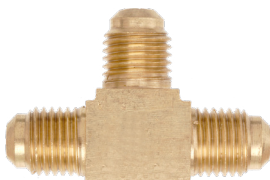
17R Reducing Union

Order Code	Tube x Tube
01017-0504	5/16" x 1/4"
01017-0604	3/8" x 1/4"
01017-0605	3/8" x 5/16"
01017-0806	1/2" x 3/8"



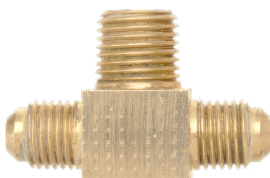
18 Tube Elbow

Order Code	Tube
01018-03	3/16"
01018-04	1/4"
01018-05	5/16"
01018-06	3/8"
01018-08	1/2"



19 Tube Tee

Order Code	Tube
01019-02	1/8"
01019-03	3/16"
01019-04	1/4"
01019-05	5/16"
01019-06	3/8"
01019-08	1/2"
01019-10	5/8"



20 Male Branch Tee

Order Code	Tube x BSPT
01020-0302	3/16" x 1/8"
01020-0402	1/4" x 1/8"
01020-0404	1/4" x 1/4"
01020-0502	5/16" x 1/8"
01020-0504	5/16" x 1/4"
01020-0604	3/8" x 1/4"
01020-0606	3/8" x 3/8"
01020-0808	1/2" x 1/2"



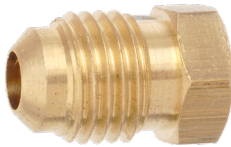
36 Female Elbow

Order Code	Tube x BSP
01036-0402	1/4" x 1/8"
01036-0404	1/4" x 1/4"
01036-0506	5/16" x 3/8"
01036-0604	3/8" x 1/4"
01036-0606	3/8" x 3/8"
01036-0608	3/8" x 1/2"
01036-0806	1/2" x 3/8"
01036-0808	1/2" x 1/2"
01036-1008	5/8" x 1/2"



56 Flare Cap Nut

Order Code	Tube
01056-04	1/4"
01056-05	5/16"
01056-06	3/8"
01056-08	1/2"
01056-12	3/4"



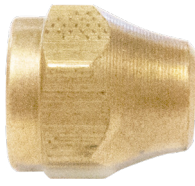
65 Plug

Order Code	Tube
01065-04	1/4"
01065-05	5/16"
01065-06	3/8"
01065-08	1/2"



70 Swivel Flare Connector

Order Code	Tube
01070-08	1/2"



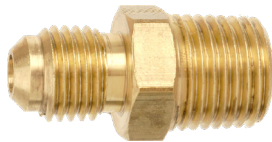
6 Flare Nut

OrderCode	Description
1110x2	1/8" Flare Tube Nut
1110x3	3/16" Flare Tube Nut
1110x5	5/16" Flare Tube Nut
1110x6	3/8" Flare Tube Nut
1110x10	5/8" Flare Tube Nut



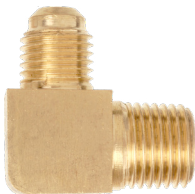
6 Flare Nut Long

Order Code	Description
41x3	3/16" Flare Tube Nut Long
41x4	1/4" Flare Tube Nut Long
41x8	1/2" Flare Tube Nut Long



7 NPT Male Connector

Order Code	Tube x NPT
48x2	1/8" x 1/8"
48x3	3/16" x 1/8"
48x4	1/4" x 1/8"
48x4x4	1/4" x 1/4"
48x5	5/16" x 1/8"
48x5x4	5/16" x 1/4"
48x6x2	3/8" x 1/8"
48x6	3/8" x 1/4"
48x6x6	3/8" x 3/8"
48x6x8	3/8" x 1/2"
48x8x4	1/2" x 1/4"
48x8	1/2" x 3/8"
48x8x8	1/2" x 1/2"
48x10x6	5/8" x 3/8"
48x10	5/8" x 1/2"
48x12	3/4" x 1/2"
48x12x12	3/4" x 3/4"



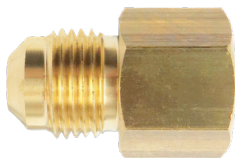
8 NPT Male Elbow

Order Code	Tube x NPT
49x3	3/16" x 1/8"
49x4	1/4" x 1/8"
49x4x4	1/4" x 1/4"
49x5	5/16" x 1/8"
49x5x4	5/16" x 1/4"
49x6x2	3/8" x 1/8"
49x6	3/8" x 1/4"
49x6x6	3/8" x 3/8"
49x6x8	3/8" x 1/2"
49x8	1/2" x 3/8"
49x8x8	1/2" x 1/2"
49x10	5/8" x 1/2"
49x12	3/4" x 1/2"
49x12x12	3/4" x 3/4"



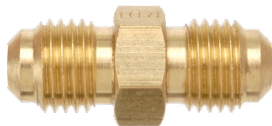
8 45° NPT Male Elbow

Order Code	Tube x NPT
54x4	1/4" x 1/8"
54x4x4	1/4" x 1/4"
54x6	3/8" x 1/4"
54x10	3/8" x 1/2"



16 NPT Female Connector

Order Code	Tube x NPT
46x4	1/4" x 1/8"
46x4x4	1/4" x 1/4"
46x6	3/8" x 1/4"
46x6x6	3/8" x 3/8"
46x8	1/2" x 3/8"



17 Flare Union

Order Code	Description
42x3	3/16" Flare union
42x4	1/4" Flare union
42x5	5/16" Flare union
42x6	3/8" Flare union
42x10	5/8" Flare union



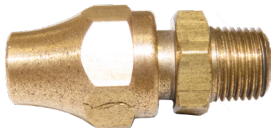
18 Union Elbow

Order Code	Description
55x8	1/2" Flare Union Elbow



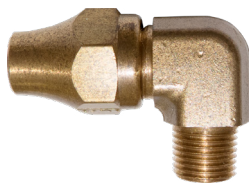
36 Female Elbow

Order Code	Description
50x4	1/4" x 1/8" Flare NPT Female Elbow
50x6	3/8" x 1/4" Flare NPT Female Elbow



7 Male Connector Assembly

Order Code	Tube x BSP
36007-0402	1/4" x 1/8"
36007-0404	1/4" x 1/4"
36007-0406	1/4" x 3/8"
36007-0408	1/4" x 1/2"
36007-0504	5/16" x 1/4"
36007-0602	3/8" x 1/8"
36007-0604	3/8" x 1/4"
36007-0606	3/8" x 3/8"
36007-0608	3/8" x 1/2"
36007-0612	3/8" x 3/4"
36007-0804	1/2" x 1/4"
36007-0806	1/2" x 3/8"
36007-0806TN	1/2" x 3/8"
36007-0808	1/2" x 1/2"
36007-0808TN	1/2" x 1/2"
36007-0812	1/2" x 3/4"
36007-1208	3/4" x 1/2"
36007-1212	3/4" x 3/4"



8 Male Elbow Assembly

Order Code	Tube x BSP
36008-0402	1/4" x 1/8"
36008-0404	1/4" x 1/4"
36008-0406	1/4" x 3/8"
36008-0504	5/16" x 1/4"
36008-0604	3/8" x 1/4"
36008-0606	3/8" x 3/8"
36008-0608	3/8" x 1/2"
36008-0806	1/2" x 3/8"
36008-0808	1/2" x 1/2"



16 Female Union Assembly

Order Code	Tube x BSP
36016-0404	1/4" x 1/4"
36016-0406	1/4" x 3/8"
36016-0504	5/16" x 1/4"
36016-0506	5/16" x 3/8"
36016-0604	3/8" x 1/4"
36016-0606	3/8" x 3/8"
36016-0608	3/8" x 1/2"
36016-0804	1/2" x 1/4"
36016-0806	1/2" x 3/8"
36016-0808	1/2" x 1/2"
36016-0812	1/2" x 3/4"
36016-1208	3/4" x 1/2"
36016-1212	3/4" x 3/4"



17 Tube Union Assembly

Order Code	Tube
36017-04	1/4"
36017-05	5/16"
36017-06	3/8"
36017-08	1/2"
36017-12	3/4"



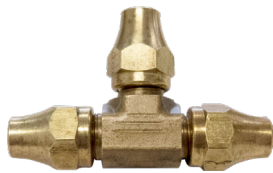
17R Reducing Union Assembly

Order Code	Tube x Tube
36017R-0604	3/8" x 1/4"
36017R-0806	1/2" x 3/8"



18 Tube Elbow Assembly

Order Code	Tube
36018-04	1/4"
36018-06	3/8"
36018-08	1/2"



19 Tube Tee Assembly

Order Code	Tube
36019-04	1/4"
36019-05	5/16"
36019-06	3/8"
36019-08	1/2"



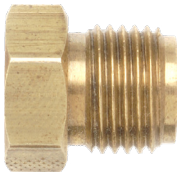
20 Male Branch Tee Assembly

Order Code	Tube x BSP
36020-0404	1/4" x 1/4"



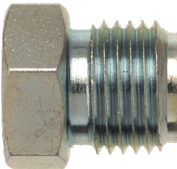
36 Female Elbow Assembly

Order Code	Tube x BSP
36036-0404	1/4" x 1/4"
36036-0604	3/8" x 1/4"
36036-0606	3/8" x 3/8"
36036-0608	3/8" x 1/2"
36036-0806	1/2" x 3/8"
36036-0808	1/2" x 1/2"



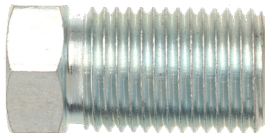
58 Brass Inverted Flare Nut

Order Code	Tube
01058-02	1/8"
01058-03	3/16"
01058-04	1/4"
01058-05	5/16"
01058-06	3/8"



58S Steel Inverted Flare Nut

Order Code	Tube
01058-S03	3/16"
01058-10MM03	3/16" x 10mm
01058-S04	1/4"
01058-S05	5/16"
01058-S06	3/8"



58SL Steel Long Inverted Flare Nut

Order Code	Tube
01058-SL03	3/16"
01058-SL04	1/4"
01058-SL05	5/16"



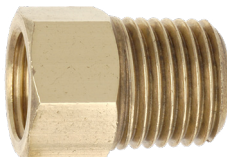
59 Male Elbow

Order Code	Tube x BSP
01059-0302	3/16" x 1/8"
01059-0402	1/4" x 1/8"
01059-0404	1/4" x 1/4"
01059-0502	5/16" x 1/8"
01059-0504	5/16" x 1/4"
01059-0604	3/8" x 1/4"



61 Tube Tee

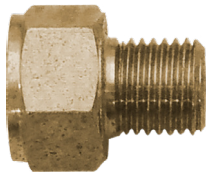
Order Code	Tube
01061-03	3/16"



62 Male Connector

Order Code	Tube x BSP
01062-0302	3/16" x 1/8"
01062-0402	1/4" x 1/8"
01062-0404	1/4" x 1/4"
01062-0502	5/16" x 1/8"
01062-0504	5/16" x 1/4"
01062-0604	3/8" x 1/4"
01062-0806*	1/2" x 3/8"
01062-0808*	1/2" x 1/2"

**While stocks last*



62W Washer Faced Male Connector

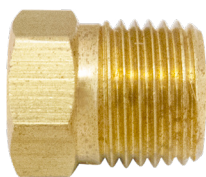
Order Code	Tube x SAE
01062-W0306*	3/16" x 3/8"
01062-W0406	1/4" x 3/8"
01062-W0407*	1/4" x 7/16

**While stocks last*



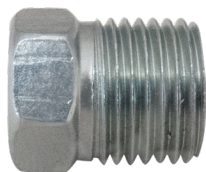
63 Tube Union

Order Code	Tube
01063-03	3/16"
01063-04	1/4"
01063-05	5/16"
01063-06	3/8"
01063-08	1/2"



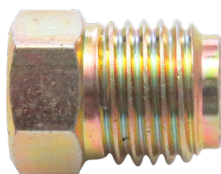
Brass Inverted Flare Nut

Order Code	Description
100x3	3/16" Brass Inverted Flare Nut
100x4	1/4" Brass Inverted Flare Nut
100x5	5/16" Brass Inverted Flare Nut
100x6	3/8" Brass Inverted Flare Nut



Steel Inverted Flare Nut

Order Code	Description
105x3	3/16" Steel Inverted Flare Nut
105x4	1/4" Steel Inverted Flare Nut
105x5	5/16" Steel Inverted Flare Nut



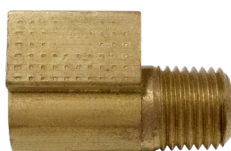
Brass Inverted Flare Plug

Order Code	Description
131x6	3/8" Brass Inverted Flare Plug



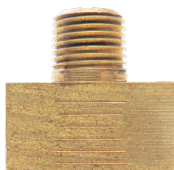
Inverted Flare 45° NPT Male Elbow

Order Code	Description
352x3	3/16" x 1/8" Inverted Flare 45° NPT Male Elbow
352x4	1/4" x 1/8" Inverted Flare 45° NPT Male Elbow
352x6	3/8" x 1/4" Inverted Flare 45° NPT Male Elbow



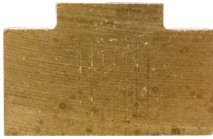
Inverted Flare NPT Male Elbow

Order Code	Description
402x2	1/8" x 1/8" Inverted Flare NPT Male Elbow
402x3	3/16" x 1/8" Inverted Flare NPT Male Elbow
402x4	1/4" x 1/8" Inverted Flare NPT Male Elbow
402x4x4	1/4" x 1/4" Inverted Flare NPT Male Elbow
402x5	5/16" x 1/8" Inverted Flare NPT Male Elbow
402x5x4	5/16" x 1/4" Inverted Flare NPT Male Elbow
402x6	3/8" x 1/4" Inverted Flare NPT Male Elbow
402x6x6	3/8" x 3/8" Inverted Flare NPT Male Elbow
402x8	1/2" x 3/8" Inverted Flare NPT Male Elbow



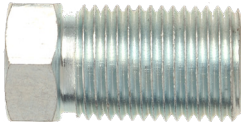
Inverted Flare Branch Tee

Order Code	Description
602x3	3/16" x 1/8" Inverted Flare NPT Male Branch Tee
652x3	3/16" x 1/8" Inverted Flare NPT Female Branch Tee



Inverted Flare Union Tee

Order Code	Description
702x4	1/4" Inverted Flare Union Tee
702x5	5/16" Inverted Flare Union Tee



Steel Inverted Flare Nut – Long

Order Code	Description
7896x3	3/16" Steel Inverted Flare Nut Long

Style and Description

Fleetfit fittings are 'push-in' or 'push-fit' fittings manufactured to withstand the demands of the heavy transport industry.

Designed with specific air brake tube in mind, the body of the fitting has a built-in spigot to give added tube support at the sealing area.

Working Pressure

0-1050kPa

Media / Application

- ✓ Heavy transport
- ✓ Air brake systems
- ✓ Pneumatic plant equipment
- ✗ Hydraulic applications of any type

Construction

- Body incorporates collet and O-Ring
- Material: Brass and Nitrile O-Ring
- Pipe Thread: NPT, NPS, and Metric x 1.5

Tube

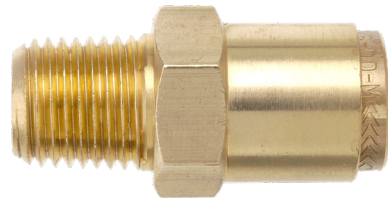
- ✓ Nylon (Metric: DIN 74324)
- ✗ Poly tube
- ✗ Metal tubes

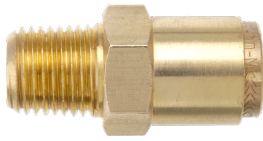
Standards

- DIN74324
- TUV Approved

Assembly & Installation

1. Cut the tube square using a nylon tube cutter.
2. Slide the tube through the collet into the fitting.
3. Slide the tube firmly through the O-Ring until it rests against the tube stop. Pull on the tubing to ensure a secure joint has been made.
4. To disconnect the tube, push on tube, hold down the collet and withdraw the tube.





FFM3 Male Connector

Order Code	Tube x NPT
35003-M0602	6mm x 1/8"
35003-M0604	6mm x 1/4"
35003-M0608	6mm x 1/2"
35003-M0802	8mm x 1/8"
35003-M0804	8mm x 1/4"
35003-M0806	8mm x 3/8"
35003-M1004	10mm x 1/4"
35003-M1006	10mm x 3/8"
35003-M1008	10mm x 1/2"
35003-M1204	12mm x 1/4"
35003-M1206	12mm x 3/8"
35003-M1208	12mm x 1/2"
35003-M1606	16mm x 3/8"
35003-M1608	16mm x 1/2"



FFM4 Tube Union

Order Code	Tube
35004-M06	6mm
35004-M08	8mm
35004-M10	10mm
35004-M11	11mm
35004-M12	12mm
35004-M14	14mm
35004-M15	15mm
35004-M16	16mm



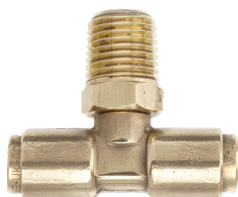
FFM5 Male Elbow

Order Code	Tube x NPT
35005-M0602	6mm x 1/8" (Swivel)
35005-M0604	6mm x 1/4"
35005-M0606	6mm x 3/8"
35005-M0804	8mm x 1/4"
35005-M0806	8mm x 3/8"
35005-M1004	10mm x 1/4" (Swivel)
35005-M1006	10mm x 3/8"
35005-M1008	10mm x 1/2"
35005-M1204	12mm x 1/4"
35005-M1206	12mm x 3/8" (Swivel)
35005-M1208	12mm x 1/2"

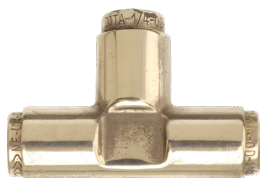


FFM11 Tube Elbow

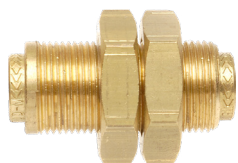
Order Code	Tube
35011-M06	6mm
35011-M08	8mm
35011-M10	10mm
35011-M11	11mm
35011-M12	12mm
35011-M15	15mm
35011-M16	16mm


FFM12 Male Branch Tee – Non Swivel

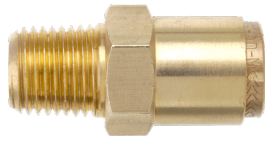
Order Code	Tube x NPT
35012-M1204	12mm x 1/4"
35012-M1208	12mm x 1/2"


FFM14 Tube Tee

Order Code	Tube
35014-M06	6mm
35014-M08	8mm
35014-M10	10mm
35014-M11	11mm
35014-M12	12mm
35014-M15	15mm
35014-M16	16mm


FFM31 Bulkhead Union

Order Code	Tube
35031-M06	6mm
35031-M08	8mm
35031-M12	12mm



FFM3 Male Connector

Order Code	Tube x Metric
35003-M06M10	6mm x M10
35003-M06M12	6mm x M12
35003-M08M10	8mm x M10
35003-M08M12	8mm x M12
35003-M08M14	8mm x M14
35003-M08M22	8mm x M22
35003-M10M10	10mm x M10
35003-M10M14	10mm x M14
35003-M12M12	12mm x M12
35003-M12M14	12mm x M14
35003-M12M16	12mm x M16
35003-M12M22	12mm x M22
35003-M15M22	15mm x M22
35003-M16M22	16mm x M22



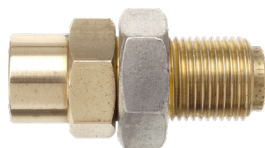
FFM12 Male Branch Tee

Order Code	Tube x Metric
35012-M10M16	10mm x M16
35012-M10M22	10mm x M22



FFM5 Male Elbow

Order Code	Tube x Metric
35005-M06M10	6mm x M10
35005-M06M12	6mm x M12
35005-M06M22	6mm x M22
35005-M08M12	8mm x M12
35005-M08M14	8mm x M14
35005-M08M16	8mm x M16
35005-M08M22	8mm x M22
35005-M10M10	10mm x M10
35005-M10M14	10mm x M14
35005-M10M22	10mm x M22
35005-M12M12	12mm x M12
35005-M12M16	12mm x M16
35005-M12M22	12mm x M22
35005-M15M22	15mm x M22
35005-M16M22	16mm x M22



FF31F Bulkhead Adaptor

Order Code	Tube x Metric
35031F-M06M12	6mm x M12



QCAB Plug

Order Code	Description
1829x4	1/4" QCAB Plug
1829x6	3/8" QCAB Plug



Encapsulated Cartridge

Order Code	Description
1861x4	1/4" Encapsulated Cartridge



QCAB Tube Union

Order Code	Description
1862x2.5	5/32" QCAB Tube Union
1862x4	1/4" QCAB Tube Union
1862x6	3/8" QCAB Tube Union
1862x8	1/2" QCAB Tube Union
1862x10	5/8" QCAB Tube Union



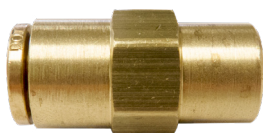
QCAB Tube Tee

Order code	Description
1864x4	1/4" QCAB Tube Tee
1864x6	3/8" QCAB Tube Tee
1864x8	1/2" QCAB Tube Tee



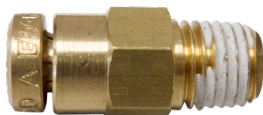
QCAB Tube Elbow

Order Code	Description
1865x4	1/4" QCAB Tube Elbow
1865x6	3/8" QCAB Tube Elbow
1865x8	1/2" QCAB Tube Elbow



QCAB Female Connector

Order Code	Tube x Metric
1866x6x2	3/8" x 1/8" QCAB NPT Female Connector
1866x6	3/8" x 1/4" QCAB NPT Female Connector
1866x6x6	3/8" x 3/8" QCAB NPT Female Connector
1866x8x4	1/2" x 1/4" QCAB NPT Female Connector
1866x8	1/2" x 3/8" QCAB NPT Female Connector
1866x8x8	1/2" x 1/2" QCAB NPT Female Connector



QCAB Male Connector

Order Code	Description
1868x2.5x1	5/32 x 1/16" QCAB NPT Male Connector
1868x2.5	5/32 x 1/8" QCAB NPT Male Connector
1868x3	3/16" x 1/8" QCAB NPT Male Connector
1868x4	1/4" x 1/8" QCAB NPT Male Connector
1868x4x4	1/4" x 1/4" QCAB NPT Male Connector
1868x4x6	1/4" x 3/8" QCAB NPT Male Connector
1868x6x2	3/8" x 1/8" QCAB NPT Male Connector
1868x6	3/8" x 1/4" QCAB NPT Male Connector
1868x6x6	3/8" x 3/8" QCAB NPT Male Connector
1868x6x8	3/8" x 1/2" QCAB NPT Male Connector
1868x8x4	1/2" x 1/4" QCAB NPT Male Connector
1868x8	1/2" x 3/8" QCAB NPT Male Connector
1868x8x8	1/2" x 1/2" QCAB NPT Male Connector
1868x10x6	5/8" x 3/8" QCAB NPT Male Connector
1868x10	5/8" x 1/2" QCAB NPT Male Connector
1868x12	3/4" x 1/2" QCAB NPT Male Connector



QCAB Male Elbow

Order Code	Description
1869x2.5	5/32 x 1/8" QCAB NPT Male Elbow
1869x3	3/16" x 1/8" QCAB NPT Male Elbow
1869x4	1/4" x 1/8" QCAB NPT Male Elbow
1869x4S	1/4" x 1/8" QCAB NPT Swivel Male Elbow
1869x4x4	1/4" x 1/4" QCAB NPT Male Elbow
1869x4x4S	1/4" x 1/4" QCAB NPT Swivel Male Elbow
1869x4x6	1/4" x 3/8" QCAB NPT Male Elbow
1869x4x6S	1/4" x 3/8" QCAB NPT Swivel Male Elbow
1869x6x2	3/8" x 1/8" QCAB NPT Male Elbow
1869x6x2S	3/8" x 1/8" QCAB NPT Swivel Male Elbow
1869x6	3/8" x 1/4" QCAB NPT Male Elbow
1869x6S	3/8" x 1/4" QCAB NPT Swivel Male Elbow
1869x6x6	3/8" x 3/8" QCAB NPT Male Elbow
1869x6x6S	3/8" x 3/8" QCAB NPT Swivel Male Elbow
1869x6x8	3/8" x 1/2" QCAB NPT Male Elbow
1869x6x8S	3/8" x 1/2" QCAB NPT Swivel Male Elbow
1869x8x4	1/2" x 1/4" QCAB NPT Male Elbow
1869x8x4S	1/2" x 1/4" QCAB NPT Swivel Male Elbow
1869x8	1/2" x 3/8" QCAB NPT Male Elbow
1869x8S	1/2" x 3/8" QCAB NPT Swivel Male Elbow
1869x8x8	1/2" x 1/2" QCAB NPT Male Elbow
1869x8x8S	1/2" x 1/2" QCAB NPT Swivel Male Elbow
1869x10x6	5/8" x 3/8" QCAB NPT Male Elbow
1869x10	5/8" x 1/2" QCAB NPT Male Elbow
1869x10S	5/8" x 1/2" QCAB NPT Swivel Male Elbow



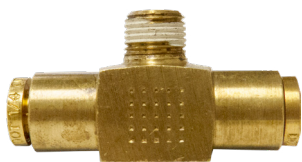
QCAB Female Elbow

Order Code	Description
1870x4	1/4" x 1/8" QCAB NPT Female Elbow
1870x4x4	1/4" x 1/4" QCAB NPT Female Elbow
1870x6	3/8" x 1/4" QCAB NPT Female Elbow



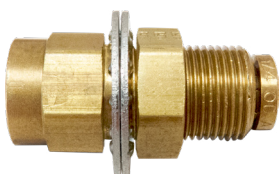
QCAB Male Run Tee

Order Code	Description
1871x6S	3/8" x 1/4" QCAB NPT Swivel Male Run Tee
1871x8	1/2" x 3/8" QCAB NPT Male Run Tee
1871x8x4S	1/2" x 1/4" QCAB NPT Swivel Male Run Tee



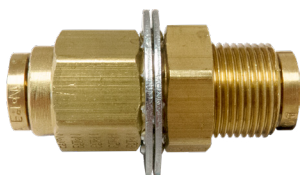
QCAB Male Branch Tee

Order Code	Description
1872x4	1/4" x 1/8" QCAB NPT Male Branch Tee
1872x4x4	1/4" x 1/4" QCAB NPT Male Branch Tee
1872x4x4S	1/4" x 1/4" QCAB NPT Swivel Male Branch Tee
1872x6x2S	3/8" x 1/8" QCAB NPT Swivel Male Branch Tee
1872x6S	3/8" x 1/4" QCAB NPT Swivel Male Branch Tee
1872x6x6	3/8" x 3/8" QCAB NPT Male Branch Tee
1872x6x6S	3/8" x 3/8" QCAB NPT Swivel Male Branch Tee
1872x8x4	1/2" x 1/4" QCAB NPT Male Branch Tee
1872x8x4S	1/2" x 1/4" QCAB NPT Swivel Male Branch Tee
1872x8	1/2" x 3/8" QCAB NPT Male Branch Tee
1872x8x8	1/2" x 1/2" QCAB NPT Male Branch Tee



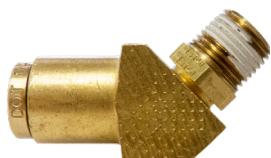
QCAB Female Bulkhead Union

Order Code	Description
1873x4x4	1/4" x 1/4" QCAB NPT Female Bulkhead Union
1873x6x6	3/8" x 3/8" QCAB NPT Female Bulkhead Union
1873x8x8	1/2" x 1/2" QCAB NPT Female Bulkhead Union



QCAB Bulkhead Union

Order Code	Description
1874x4x4	1/4" QCAB Bulkhead Union
1874x6x6	3/8" QCAB Bulkhead Union
1874x8x8	1/2" QCAB Bulkhead Union



QCAB Male Elbow 45°

Order Code	Description
1880x4S	1/4" x 1/8" – Swivel
1880x4x4S	1/4" x 1/4" – Swivel
1880x6x2S	3/8" x 1/8" – Swivel
1880x6	3/8" x 1/4"
1880x6S	3/8" x 1/4" – Swivel
1880x6x6	3/8" x 3/8"
1880x6x8	3/8" x 1/2"
1880x8x4S	1/2" x 1/4" – Swivel
1880x8	1/2" x 3/8"
1880x8S	1/2" x 3/8" QCAB – Swivel
1880x8x8	1/2" x 1/2"
1880x8x8S	1/2" x 1/2" – Swivel
1880x10	5/8" x 1/2"
1880x12	3/4" x 1/2"



Air Brake Sleeve

Order Code	Description
1460x4	1/4" Air Brake Sleeve
1460x6	3/8" Air Brake Sleeve
1460x8	1/2" Air Brake Sleeve
1460x10	5/8" Air Brake Sleeve
1460x12	3/4" Air Brake Sleeve



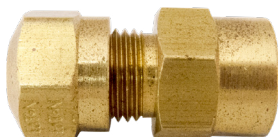
Air Brake Nut

Order Code	Description
1461x4	1/4" Air Brake Nut
1461x6	3/8" Air Brake Nut
1461x8	1/2" Air Brake Nut
1461x10	5/8" Air Brake Nut
1461x12	3/4" Air Brake Nut



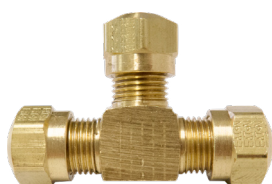
Air Brake Union

Order Code	Description
1462x4	1/4" Air Brake Union
1462x6	3/8" Air Brake Union
1462x8	1/2" Air Brake Union
1462x10	5/8" Air Brake Union
1462x12	3/4" Air Brake Union



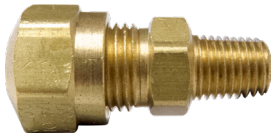
Air Brake Female Connector

Order Code	Description
1466x4	1/4" x 1/8" NPT Female Connector
1466x6	3/8" x 1/4" NPT Female Connector



Air Brake Union Tee

Order Code	Description
1464x4	1/4" Air Brake Union Tee
1464x6	3/8" Air Brake Union Tee
1464x6x6x4	3/8" x 3/8" x 1/4" Air Brake Union Tee
1464x8	1/2" Air Brake Union Tee
1464x8x8x6	1/2" x 1/2" x 3/8" Air Brake Union Tee



Air Brake Male Connector

Order Code	Description
1468x4x1	1/4" x 1/16" NPT Male Connector
1468x4	1/4" x 1/8" NPT Male Connector
1468x4x4	1/4" x 1/4" NPT Male Connector
1468x4x6	1/4" x 3/8" NPT Male Connector
1468x6x2	3/8" x 1/8" NPT Male Connector
1468x6	3/8" x 1/4" NPT Male Connector
1468x6x6	3/8" x 3/8" NPT Male Connector
1468x6x8	3/8" x 1/2" NPT Male Connector
1468x8x4	1/2" x 1/4" NPT Male Connector
1468x8	1/2" x 3/8" NPT Male Connector
1468x8x8	1/2" x 1/2" NPT Male Connector
1468x8x12	1/2" x 3/4" NPT Male Connector
1468x10x6	5/8" x 3/8" NPT Male Connector
1468x10	5/8" x 1/2" NPT Male Connector
1468x10x12	5/8" x 3/4" NPT Male Connector
1468x12	3/4" x 1/2" NPT Male Connector
1468x12x12	3/4" x 3/4" NPT Male Connector



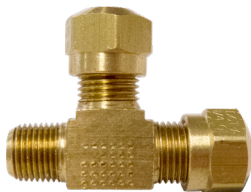
Air Brake NPT Male Elbow

Order Code	Description
1469x4	1/4" x 1/8" Air Brake NPT Male Elbow
1469x4x4	1/4" x 1/4" Air Brake NPT Male Elbow
1469x4x6	1/4" x 3/8" Air Brake NPT Male Elbow
1469x6x2	3/8" x 1/8" Air Brake NPT Male Elbow
1469x6	3/8" x 1/4" Air Brake NPT Male Elbow
1469x6L	3/8" x 1/4" Air Brake NPT Male Elbow Long Drop
1469x6x6	3/8" x 3/8" Air Brake NPT Male Elbow
1469x6x8	3/8" x 1/2" Air Brake NPT Male Elbow
1469x8x4	1/2" x 1/4" Air Brake NPT Male Elbow
1469x8	1/2" x 3/8" Air Brake NPT Male Elbow
1469x8L	1/2" x 3/8" Air Brake NPT Male Elbow Long Drop
1469x8x8	1/2" x 1/2" Air Brake NPT Male Elbow
1469x10x6	5/8" x 3/8" Air Brake NPT Male Elbow
1469x10	5/8" x 1/2" Air Brake NPT Male Elbow
1469x10x12	5/8" x 3/4" Air Brake NPT Male Elbow
1469x12	3/4" x 1/2" Air Brake NPT Male Elbow



Air Brake Female Elbow

Order Code	Description
1470x4	1/4" x 1/8" Air Brake NPT Female Elbow



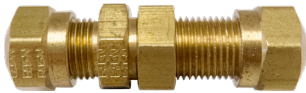
Air Brake NPT Male Run Tee

Order Code	Description
1471x4	1/4" x 1/8" Air Brake NPT Male Run Tee
1471x6	3/8" x 1/4" Air Brake NPT Male Run Tee
1471x6x4x4	3/8" x 1/4" x 1/4" Air Brake NPT Male Run Tee



Air Brake NPT Male Branch Tee

Order Code	Description
1472x4	1/4" x 1/8" Air Brake NPT Male Branch Tee
1472x6	3/8" x 1/4" Air Brake NPT Male Branch Tee
1472x6x6x6	3/8" x 3/8" x 3/8" Air Brake NPT Male Branch Tee
1472x8	1/2" x 3/8" Air Brake NPT Male Branch Tee
1472x8x6x6	1/2" x 3/8" x 3/8" Air Brake NPT Male Branch Tee



Air Brake NPT Bulkhead Union

Order Code	Description
1474x4	1/4" x 1/4" Air Brake NPT Bulkhead Union
1474x6	3/8" x 3/8" Air Brake NPT Bulkhead Union



45° Air Brake NPT Male Elbow

Order Code	Description
1480x4	1/4" x 1/8" 45° Air Brake NPT Male Elbow
1480x4x4	1/4" x 1/4" 45° Air Brake NPT Male Elbow
1480x6	3/8" x 1/4" 45° Air Brake NPT Male Elbow
1480x6x6	3/8" x 3/8" 45° Air Brake NPT Male Elbow
1480x8x4	1/2" x 1/4" 45° Air Brake NPT Male Elbow
1480x8	1/2" x 3/8" 45° Air Brake NPT Male Elbow
1480x8x8	1/2" x 1/2" 45° Air Brake NPT Male Elbow
1480x10	5/8" x 1/2" 45° Air Brake NPT Male Elbow



Air Brake Insert

Order Code	Description
1484x4	1/4" Air Brake Insert
1484x6	3/8" Air Brake Insert
1484x8	1/2" Air Brake Insert
1484x10	5/8" Air Brake Insert
1484x12	3/4" Air Brake Insert



1300 Series Air Brake Sleeve

Order Code	Description
1360x10	5/8" Air Brake Sleeve
1360x12	3/4" Air Brake Sleeve
1360x4	1/4" Air Brake Sleeve
1360x6	3/8" Air Brake Sleeve
1360x8	1/2" Air Brake Sleeve



1300 Series Air Brake Nut

Order Code	Description
1361x4	1/4" Air Brake Nut
1361x6	3/8" Air Brake Nut
1361x8	1/2" Air Brake Nut



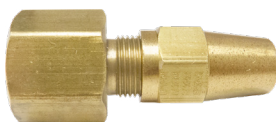
1300 Series Air Brake Union

Order Code	Description
1362x10	5/8" x 5/8" Air Brake Union
1362x12	3/4" x 3/4" Air Brake Union
1362x4	1/4" x 1/4" Air Brake Union
1362x6	3/8" x 3/8" Air Brake Union
1362x8	1/2" x 1/2" Air Brake Union



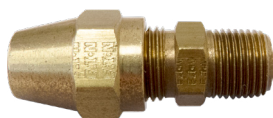
1300 Series Air Brake Union Tee

Order Code	Description
1364x8	1/2" Air Brake Union Tee



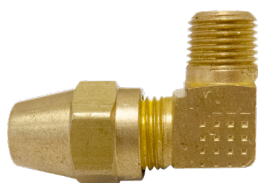
1300 Series Air Brake NPT Female Connector

Order Code	Description
1366x6x6	3/ x 3/8" Air Brake NPT Fem Conn



1300 Series Air Brake NPT Male Connector

Order Code	Description
1368x10	5/8" x 1/2" Air Brake NPT M Conn
1368x10x6	5/8" x 3/8" Air Brake NPT M Conn
1368x12	3/4" x 1/2" Air Brake NPT M Conn
1368x12x12	3/4" x 3/4" Air Brake NPT M Conn
1368x4	1/4" x 1/8" Air Brake NPT M Conn
1368x4x4	1/4" x 1/4" Air Brake NPT M Conn
1368x6	3/8" x 1/4" Air Brake NPT M Conn
1368x6x6	3/8" x 3/8" Air Brake NPT M Conn
1368x6x8	3/8" x 1/2" Air Brake NPT M Conn
1368x8	1/2" x 3/8" Air Brake NPT M Conn
1368x8x8	1/2" x 1/2" Air Brake NPT M Conn



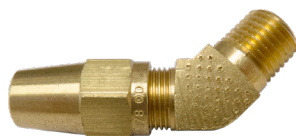
1300 Series Air Brake NPT Male Elbow

Order Code	Description
1369x10	5/8" x 1/2" Air Brake NPT M Elbow
1369x10x6	5/8" x 3/8" Air Brake NPT M Elbow
1369x4	1/4" x 1/8" Air Brake NPT M Elbow
1369x4x4	1/4" x 1/4" Air Brake NPT M Elbow
1369x6	3/8" x 1/4" Air Brake NPT M Elbow
1369x6x2	3/8" x 1/8" Air Brake NPT M Elbow
1369x6x6	3/8" x 3/8" Air Brake NPT M Elbow
1369x6x8	3/8" x 1/2" Air Brake NPT M Elbow
1369x8x4	1/2" x 1/4" Air Brake NPT M Elbow
1369x8x8	1/2" x 1/2" Air Brake NPT M Elbow



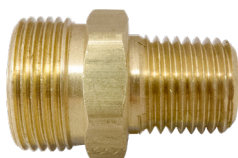
1300 Series Air Brake NPT Male Tee

Order Code	Description
1372x6	3/8" x 1/4" Air Brake NPT M BR Tee
1372x6x6x6	3/8" x 3/8" x 3/8" Air Brake NPT Male
1372x8	1/2" x 3/8" Air Brake NPT M BR Tee



1300 Series Air Brake NPT 45° Male Elbow

Order Code	Description
1380x10	5/8" x 1/2" Air Brake 45D NPT Male
1380x6	3/8" x 1/4" Air Brake 45D NPT Male
1380x6x6	3/8" x 3/8" Air Brake 45D NPT Male
1380x8	1/2" x 3/8" Air Brake 45D NPT Male



1300 Series Air Brake ADPT

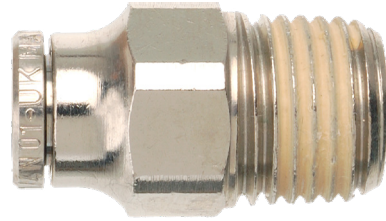
Order Code	Description
1390x6	3/8" ABS x 1/4" NPT Air Brake ADPT
1390x6x6	3/8" ABS x 3/8" NPT Air Brake ADPT
1390x6x8	3/8" ABS x 1/2" NPT Air Brake ADPT
1390x8	1/2" ABS x 3/8" NPT Air Brake ADPT

Style and Description

Known as a 'push-in' or 'push-fit' fitting the Pneufit option allows the tradesman a choice of product that does not require any tools to complete a trouble-free joint.

Because of its compact design and unlimited make and re-make feature, Pneufit is found in the Pneumatic/Robotics sectors.

However, Pneufit can only be used with non-metallic tube in pneumatic applications (should not be used in any hydraulic application).



Working Pressure

- 0-1000kPa Pneufit Composite
- 0-1800kPa Pneufit Brass

Operating Pressure

-20°C – +80°C

Media / Application

- ✓ Low pressure pneumatic applications
- ✓ Automation
- ✗ Hydraulic applications of any type

Construction

- Body incorporates collet and O-Ring
- Material: Nickel plated Brass and Nitrile O-Ring
- Pipe Thread BSP: Tapered Male (R Series)
Parallel Female (Rp Series)
- Material: PBT Polybutylene Terephthalate (Composite)

Tube

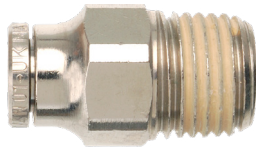
- ✓ Nylon
- ✓ Poly tube
- ✗ Metal tubes

Assembly & Installation

1. Cut the tube square using a nylon tube cutter.
2. Slide the tube through the collet into the fitting.
3. Slide the tube firmly through the O-Ring until it rests against the tube stop. Pull on the tubing to ensure a secure joint has been made.
4. To disconnect the tube, push on tube, hold down the collet and withdraw the tube.

Note

Male threads pre-coated with thread sealant.



PF3 Male Connector

Order Code	Tube x BSPT
20003-0202	1/8" x 1/8"
20003-0302	3/16" x 1/8"
20003-0304	3/16" x 1/4"
20003-0402	1/4" x 1/8"
20003-0404	1/4" x 1/4"
20003-M0802	5/16" x 1/8"
20003-0604	3/8" x 1/4"
20003-0606	3/8" x 3/8"
20003-0608	3/8" x 1/2"
20003-0804	1/2" x 1/4"
20003-0806	1/2" x 3/8"
20003-0808	1/2" x 1/2"



PF4 Tube Union

Order Code	Tube
20004-02	1/8"
20004-03	3/16"
20004-04	1/4"
20004-M08	5/16"
20004-06	3/8"
20004-08	1/2"



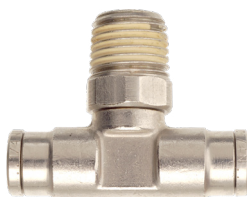
PF5 Male Elbow – Swivel Type

Order Code	Tube x BSPT
20005-0202	1/8" x 1/8"
20005-0302	3/16" x 1/8"
20005-0304	3/16" x 1/4"
20005-0402	1/4" x 1/8"
20005-0404	1/4" x 1/4"
20005-M0802	5/16" x 1/8"
20005-0604	3/8" x 1/4"
20005-0606	3/8" x 3/8"
20005-0608	3/8" x 1/2"
20005-0804	1/2" x 1/4"
20005-0806	1/2" x 3/8"
20005-0808	1/2" x 1/2"



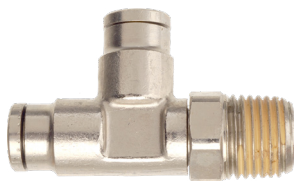
PF11 Tube Elbow

Order Code	Tube
20011-02	1/8"
20011-03	3/16"
20011-04	1/4"
20011-M08	5/16"
20011-06	3/8"
20011-08	1/2"



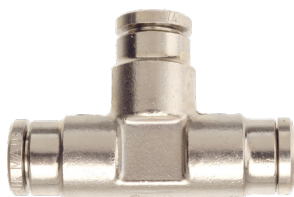
PF12 Male Branch Tee – Swivel Type

Order Code	Tube x BSPT
20012-0202	1/8" x 1/8"
20012-0302	3/16" x 1/8"
20012-0402	1/4" x 1/8"
20012-0404	1/4" x 1/4"
20012-M0802	5/16" x 1/8"
20012-M0804	5/16" x 1/4"
20012-0604	3/8" x 1/4"
20012-0606	3/8" x 3/8"
20012-0808	1/2" x 1/2"



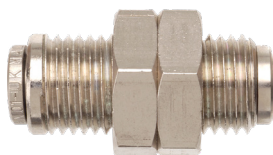
PF13 Male Run Tee – Swivel Type

Order Code	Tube x BSPT
20013-0202	1/8" x 1/8"
20013-0302	3/16" x 1/8"
20013-0404	1/4" x 1/4"
20013-M0802	5/16" x 1/8"
20013-M0804	5/16" x 1/4"



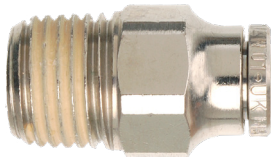
PF14 Tube Tee

Order Code	Tube
20014-02	1/8"
20014-03	3/16"
20014-04	1/4"
20014-M08	5/16"
20014-06	3/8"
20014-08	1/2"



PF31 Bulkhead Union

Order Code	Tube
20031-03	3/16"
20031-04	1/4"
20031-M08	5/16"
20031-06	3/8"
20031-08	1/2"



PFM3 Male Connector

Order Code	Tube x BSPT
20003-M0402	4mm x 1/8"
20003-M0404	4mm x 1/4"
20003-M04M5	4mm x M5
20003-M0502	5mm x 1/8"
20003-M0602	6mm x 1/8"
20003-M0604	6mm x 1/4"
20003-M06M5	6mm x M5
20003-M0802	8mm x 1/8"
20003-M0804	8mm x 1/4"
20003-M0806	8mm x 3/8"
20003-M0808	8mm x 1/2"
20003-M1002	10mm x 1/8"
20003-M1004	10mm x 1/4"
20003-M1006	10mm x 3/8"
20003-M1008	10mm x 1/2"
20003-M1204	12mm x 1/4"
20003-M1206	12mm x 3/8"
20003-M1208	12mm x 1/2"



PFM4 Tube Union

Order Code	Tube
20004-M04	4mm
20004-M05	5mm
20004-M06	6mm
20004-M08	8mm
20004-M10	10mm
20004-M12	12mm



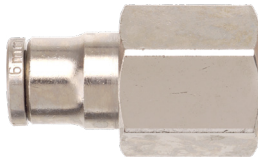
PFM5 Male Elbow – Swivel Type

Order Code	Tube x BSPT
20005-M0402	4mm x 1/8"
20005-M0404	4mm x 1/4"
20005-M04M5	4mm x M5
20005-M0502	5mm x 1/8"
20005-M0602	6mm x 1/8"
20005-M0604	6mm x 1/4"
20005-M06M5	6mm x M5
20005-M0802	8mm x 1/8"
20005-M0804	8mm x 1/4"
20005-M0806	8mm x 3/8"
20005-M0808	8mm x 1/2"
20005-M1002	10mm x 1/8"
20005-M1004	10mm x 1/4"
20005-M1006	10mm x 3/8"
20005-M1008	10mm x 1/2"
20005-M1204	12mm x 1/4"
20005-M1206	12mm x 3/8"
20005-M1208	12mm x 1/2"



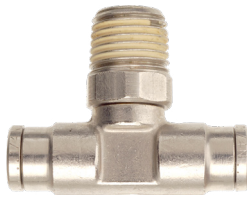
PFM11 Tube Elbow

Order Code	Tube
20011-M04	4mm
20011-M06	6mm
20011-M08	8mm
20011-M10	10mm
20011-M12	12mm



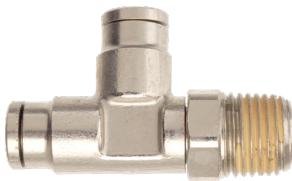
PFM10 Female Connector

Order Code	Tube x BSP
20010-M0402	4mm x 1/8"
20010-M0404	4mm x 1/4"
20010-M0602	6mm x 1/8"
20010-M0604	6mm x 1/4"
20010-M0802	8mm x 1/8"
20010-M0804	8mm x 1/4"
20010-M1004	10mm x 1/4"
20010-M1006	10mm x 3/8"
20010-M1206	12mm x 3/8"
20010-M1208	12mm x 1/2"



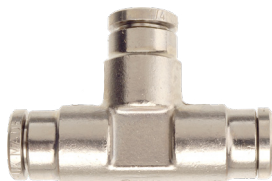
PFM12 Male Branch Tee – Swivel Type

Order Code	Tube x BSPT
20012-M0402	4mm x 1/8"
20012-M0602	6mm x 1/8"
20012-M0604	6mm x 1/4"
20012-M0802	8mm x 1/8"
20012-M0804	8mm x 1/4"
20012-M1004	10mm x 1/4"
20012-M1006	10mm x 3/8"
20012-M1204	12mm x 1/4"
20012-M1206	12mm x 3/8"
20012-M1208	12mm x 1/2"



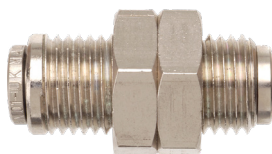
PFM13 Male Run Tee – Swivel Type

Order Code	Tube x BSPT
20013-M0402	4mm x 1/8"
20013-M0602	6mm x 1/8"
20013-M0604	6mm x 1/4"
20013-M0802	8mm x 1/8"
20013-M0804	8mm x 1/4"
20013-M1004	10mm x 1/4"
20013-M1006	10mm x 3/8"
20013-M1204	12mm x 1/4"
20013-M1206	12mm x 3/8"
20013-M1208	12mm x 1/2"



PFM14 Tube Tee

Order Code	Tube
20014-M04	4mm
20014-M06	6mm
20014-M08	8mm
20014-M10	10mm
20014-M12	12mm



PFM31 Bulkhead Union

Order Code	Tube
20031-M04	4mm
20031-M06	6mm
20031-M08	8mm
20031-M10	10mm
20031-M12	12mm



PF3C Male Connector

Order Code	Tube x BSPT
20003-0202C	1/8" x 1/8"
20003-0302C	3/16" x 1/8"
20003-0304C	3/16" x 1/4"
20003-0402C	1/4" x 1/8"
20003-0404C	1/4" x 1/4"
20003-M0802C	5/16" x 1/8"
20003-M0808C	5/16" x 1/2"
20003-0604C	3/8" x 1/4"
20003-0606C	3/8" x 3/8"
20003-0608C	3/8" x 1/2"
20003-0804C	1/2" x 1/4"
20003-0806C	1/2" x 3/8"
20003-0808C	1/2" x 1/2"



PF4C Tube Union

Order Code	Tube
20004-02C	1/8"
20004-03C	3/16"
20004-04C	1/4"
20004-M08C	5/16"
20004-06C	3/8"
20004-08C	1/2"



PF5C Male Elbow – Swivel Type

Order Code	Tube x BSPT
20005-0202C	1/8" x 1/8"
20005-0302C	3/16" x 1/8"
20005-0304C	3/16" x 1/4"
20005-0402C	1/4" x 1/8"
20005-0404C	1/4" x 1/4"
20005-M0802C	5/16" x 1/8"
20005-M0804C	5/16" x 1/4"
20005-M0806C	5/16" x 3/8"
20005-M0808C	5/16" x 1/2"
20005-0604C	3/8" x 1/4"
20005-0606C	3/8" x 3/8"
20005-0608C	3/8" x 1/2"
20005-0804C	1/2" x 1/4"
20005-0806C	1/2" x 3/8"
20005-0808C	1/2" x 1/2"



PF11C Tube Elbow

Order Code	Tube
20011-02C	1/8"
20011-03C	3/16"
20011-04C	1/4"
20011-06C	3/8"
20011-08C	1/2"



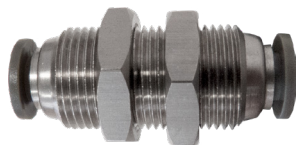
PF12C Male Branch Tee – Swivel Type

Order Code	Tube x BSPT
20012-0302C	3/16" x 1/8"
20012-0402C	1/4" x 1/8"
20012-0404C	1/4" x 1/4"
20012-M0802C	5/16" x 1/8"
20012-M0804C	5/16" x 1/8"
20012-0604C	3/8" x 1/4"
20012-0806C	1/2" x 3/8"
20012-0808C	1/2" x 1/2"



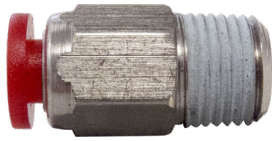
PF14C Tube Tee

Order Code	Tube
20014-02C	1/8"
20014-03C	3/16"
20014-04C	1/4"
20014-M08C	5/16"
20014-06C	3/8"
20014-08C	1/2"



PF31C Bulkhead Union

Order Code	Tube
20031-03C	3/16"
20031-04C	1/4"
20031-M08C	5/16"
20031-06C	3/8"
20031-08C	1/2"



PFM3C Male Connector

Order Code	Tube x BSPT
20003-M0402C	4mm x 1/8"
20003-M0404C	4mm x 1/4"
20003-M04M5C	4mm x M5
20003-M0602C	6mm x 1/8"
20003-M0604C	6mm x 1/4"
20003-M06M5C	6mm x M5
20003-M0802C	8mm x 1/8"
20003-M0804C	8mm x 1/4"
20003-M0806C	8mm x 3/8"
20003-M0808C	8mm x 1/2"
20003-M1002C	10mm x 1/8"
20003-M1004C	10mm x 1/4"
20003-M1006C	10mm x 3/8"
20003-M1008C	10mm x 1/2"
20003-M1204C	12mm x 1/4"
20003-M1206C	12mm x 3/8"
20003-M1208C	12mm x 1/2"



PFM4C Tube Union

Order Code	Tube
20004-M04C	4mm
20004-M06C	6mm
20004-M08C	8mm
20004-M10C	10mm
20004-M12C	12mm



PFM5C Male Elbow – Swivel Type

Order Code	Tube x BSPT
20005-M0402C	4mm x 1/8"
20005-M0404C	4mm x 1/4"
20005-M04M5C	4mm x M5
20005-M0602C	6mm x 1/8"
20005-M0604C	6mm x 1/4"
20005-M06M5C	6mm x M5
20005-M0802C	8mm x 1/8"
20005-M0804C	8mm x 1/4"
20005-M0806C	8mm x 3/8"
20005-M0808C	8mm x 1/2"
20005-M1002C	10mm x 1/8"
20005-M1004C	10mm x 1/4"
20005-M1006C	10mm x 3/8"
20005-M1008C	10mm x 1/2"
20005-M1204C	12mm x 1/4"
20005-M1206C	12mm x 3/8"
20005-M1208C	12mm x 1/2"



PFM11C Tube Elbow

Order Code	Tube
20011-M04C	4mm
20011-M06C	6mm
20011-M08C	8mm
20011-M10C	10mm
20011-M12C	12mm



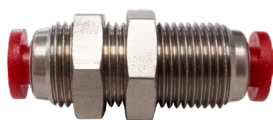
PFM12C Male Branch Tee – Swivel Type

Order Code	Tube x BSPT
20012-M0402C	4mm x 1/8"
20012-M0602C	6mm x 1/8"
20012-M0604C	6mm x 1/4"
20012-M0802C	8mm x 1/8"
20012-M0804C	8mm x 1/4"
20012-M1004C	10mm x 1/4"
20012-M1006C	10mm x 3/8"
20012-M1204C	12mm x 1/4"
20012-M1206C	12mm x 3/8"
20012-M1208C	12mm x 1/2"



PFM14C Tube Tee

Order Code	Tube
20014-M04C	4mm
20014-M06C	6mm
20014-M08C	8mm
20014-M10C	10mm
20014-M12C	12mm



PFM31C Bulkhead Union

Order Code	Tube
20031-M04C	4mm
20031-M06C	6mm
20031-M08C	8mm
20031-M10C	10mm
20031-M12C	12mm

Style & Description

Threaded adaptors are made with tapered male and parallel female ends, this range can be used to adapt from male to female thread or to re-size a threaded end as required.

All TubeFit brand Threaded Adaptors may be used with other BSP threaded products manufactured from brass alloys.



Working Pressure

TubeFit threaded adaptors are able to withstand medium to high pressures. Please use the table below as a guideline.

Media/Application

- ✓ Gas
- ✓ Water
- ✓ Air and Hydraulics

Construction

- Material: Brass
- Pipe Thread: BSP – Tapered Male (R Series) and Parallel Female (RP Series)
- NPT
- Metric x BSP
- Metric x NPT
- All metric threads x 1.5 pitch
- Material: 316 Stainless Steel
- Pipe Thread: BSP – Tapered Male (R Series) and Parallel Female (RP Series)

Assembly & Installation

1. Tighten fitting to 'spanner firm' position.
(Caution: do not over-tighten)
2. If used in a pneumatic application, apply a soapy solution to the joint to be certain a positive seal has been made. Visually inspect for leaks if used in an hydraulic application.
Note: If mating threads manufactured by different companies, Loctite 567 Thread Sealant is recommended. It is not good practice to use thread tape with tapered threads.

Maximum Working Pressure (kPa)

Pipe Size	Brass Alloy	
	Hydraulic	Pneumatic
1/8"	13750	3500
1/4"	13750	3500
3/8"	13750	2750
1/2"	10400	2750
3/4"	7000	2000
1"	4000	1250

Plumbing Style

- Manufactured to comply to Australian Standard
- Water Marked to AS 3688 License WMKA 02387

Construction

- BSPP Threads
- Brass

Media/Application

- ✓ Suitable for domestic, industrial, and agricultural plumbing
- ✓ Water

Temperature

0°C – 96°C

Pressure

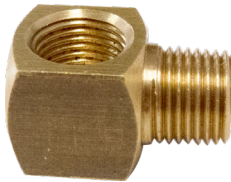
Maximum working pressure 1400kPa – All sizes





24 M & F Reducing Bush

Order Code	BSPT x BSP
01024-0402	1/4" x 1/8"
01024-0602	3/8" x 1/8"
01024-0604	3/8" x 1/4"
01024-0802	1/2" x 1/8"
01024-0804	1/2" x 1/4"
01024-0806	1/2" x 3/8"
01024-1202	3/4" x 1/8"
01024-1204	3/4" x 1/4"
01024-1206	3/4" x 3/8"
01024-1208	3/4" x 1/2"
01024-1606	1" x 3/8"
01024-1608	1" x 1/2"
01024-1612	1" x 3/4"



25E M & F Extruded Elbow

Order Code	BSPT x BSP
01025-02	1/8" x 1/8"
01025-0204	1/8" x 1/4"
01025-04	1/4" x 1/4"
01025-0406	1/4" x 3/8"
01025-06	3/8" x 3/8"
01025-08	1/2" x 1/2"



25E 45° M & F Extruded Elbow

Order Code	BSPT x BSP
01025-4502	1/8" x 1/8"
01025-450204	1/8" x 1/4"
01025-4504	1/4" x 1/4"
01025-4506	3/8" x 3/8"
01025-4508	1/2" x 1/2"



26 Female Hex Socket

Order Code	BSP
01026-02	1/8"
01026-04	1/4"
01026-06	3/8"
01026-08	1/2"
01026-12	3/4"
01026-16	1"



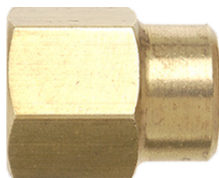
27 Male Hex Nipple

Order Code	BSPT
01027-02	1/8"
01027-04	1/4"
01027-06	3/8"
01027-08	1/2"
01027-12	3/4"
01027-16	1"



28 Male Long Hex Nipple

Order Code	BSPT x Length
01028-0224	1/8" x 1 1/2"
01028-0232	1/8" x 2"
01028-0424	1/4" x 1 1/2"
01028-0432	1/4" x 2"
01028-0440	1/4" x 2 1/2"
01028-0448	1/4" x 3"



29 Female Reducing Hex Socket

Order Code	BSP x BSP
01029-0402	1/4" x 1/8"
01029-0602	3/8" x 1/8"
01029-0604	3/8" x 1/4"
01029-0802	1/2" x 1/8"
01029-0804	1/2" x 1/4"
01029-0806	1/2" x 3/8"
01029-1206	3/4" x 3/8"
01029-1208	3/4" x 1/2"
01029-1612	1" x 3/4"



34 Female Elbow

Order Code	BSP
01034-02	1/8"
01034-04	1/4"
01034-06	3/8"
01034-08	1/2"



34 45° Female Elbow

Order Code	BSP
01034-4502	1/8"
01034-4504	1/4"
01034-4506	3/8"



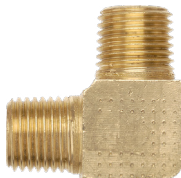
35 Female Tee

Order Code	BSP
01035-02	1/8"
01035-04	1/4"
01035-04M	1/4" Male
01035-04MF	1/4" Male Branch
01035-06	3/8"
01035-08	1/2"
01035-08MF	1/2" Male Branch



37 Female Cross

Order Code	BSP
01037-02	1/8"
01037-04	1/4"
01037-06	3/8"
01037-08	1/2"



48 Male Elbow

Order Code	BSPT
01048-02	1/8" x 1/8"
01048-0204	1/8" x 1/4"
01048-04	1/4" x 1/4"
01048-06	3/8" x 3/8"
01048-0604	3/8" x 1/4"
01048-08	1/2" x 1/2"



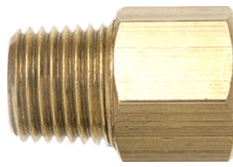
64 Solid Male Taper Plug

Order Code	BSPT
01064-02	1/8"
01064-04	1/4"
01064-06	3/8"
01064-08	1/2"
01064-12	3/4"
01064-16	1"



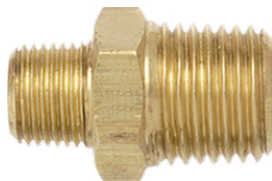
71 Female Tank Collar

Order Code	BSP x Boss Diameter
01071-0208	1/8" x 1/2"
01071-0209	1/8" x 9/16"
01071-0410	1/4" x 5/8"
01071-0614	3/8" x 7/8"
01071-0816	1/2" x 1"



72 M & F Adaptor

Order Code	BSP Fem x BSPT Male
01072-0202	1/8" x 1/8"
01072-020224	1/8" x 1/8" x 1 1/2"
01072-0402	1/4" x 1/8"
01072-0404	1/4" x 1/4"
01072-0602	3/8" x 1/8"
01072-0604	3/8" x 1/4"
01072-0606	3/8" x 3/8"
01072-0804	1/2" x 1/4"
01072-0806	1/2" x 3/8"
01072-0808	1/2" x 1/2"
01072-1204	3/4" x 1/4"
01072-1208	3/4" x 1/2"
01072-1608	1" x 1/2"



73 Male Reducing Nipple

Order Code	BSPT x BSPT
01073-0402	1/4" x 1/8"
01073-0602	3/8" x 1/8"
01073-0604	3/8" x 1/4"
01073-0804	1/2" x 1/4"
01073-0806	1/2" x 3/8"
01073-1204	3/4" x 1/4"
01073-1206	3/4" x 3/8"
01073-1208	3/4" x 1/2"
01073-1608	1" x 1/2"
01073-1612	1" x 3/4"



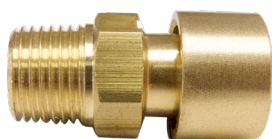
74 Female Lock Nut

Order Code	BSP
01074-02	1/8"
01074-04	1/4"
01074-06	3/8"
01074-08	1/2"
01074-12	3/4"
01074-16	1"



75 Y – Piece

Order Code	BSP
01075-02	1/8" Female
01075-04	1/4" Female
01075-M04	1/4" Male
01075-M06	3/8" Male



76 Male Breather Cap

Order Code	BSPT
01076-02	1/8"
01076-04	1/4"
01076-06	3/8"



M & F Reducing Bush

Order Code	BSPP x BSPP
27024-0806	1/2" x 3/8"
27024-1208	3/4" x 1/2"
27024-1604	1" x 1/4" (Tapered Male)
27024-1606	1" x 3/8" (Tapered Male)
27024-1608	1" x 1/2"
27024-1612	1" x 3/4"
27024-2008	1 1/4" x 1/2"
27024-2012	1 1/4" x 3/4"
27024-2016	1 1/4" x 1"
27024-2408	1 1/2" x 1/2"
27024-2412	1 1/2" x 3/4"
27024-2416	1 1/2" x 1"
27024-2420	1 1/2" x 1 1/4"
27024-3208	2" x 1/2"
27024-3212	2" x 3/4"
27024-3216	2" x 1"
27024-3220	2" x 1 1/4"
27024-3224	2" x 1 1/2"
27024-4032	2 1/2" x 2"
27024-4832	3" x 2"
27024-4840	3" x 2 1/2"



M & F Elbow

Order Code	BSPP x BSP
27025-02	1/8" x 1/8" (Tapered Male)
27025-04	1/4" x 1/4" (Tapered Male)
27025-06	3/8" x 3/8" (Tapered Male)
27025-08	1/2" x 1/2"
27025-12	3/4" x 3/4"
27025-16	1" x 1"
27025-20	1 1/4" x 1 1/4"
27025-24	1 1/2" x 1 1/2"
27025-32	2" x 2"



Female Hex Socket

Order Code	BSPP
27026-04	1/4"
27026-06	3/8"
27026-08	1/2"
27026-12	3/4"
27026-16	1"
27026-20	1 1/4"
27026-24	1 1/2"
27026-32	2"



Female Hex Reducing Socket

Order Code	BSPP
27029-1208	3/4" x 1/2"
27029-1612	1" x 3/4"



Male Hex Nipple

Order Code	BSPP
27027-08	1/2"
27027-12	3/4"
27027-16	1"
27027-20	1 1/4"
27027-24	1 1/2"
27027-32	2"



All Thread Nipple

Order Code	BSPP x Length (Inches)
27028-0406	1/4" x 6"
27028-0412	1/4" x 12"
27028-0606	3/8" x 6"
27028-0612	3/8" x 12"
27028-0806	1/2" x 6"
27028-0812	1/2" x 12"
27028-1206	3/4" x 6"
27028-1212	3/4" x 12"
27028-1606	1" x 6"
27028-1612	1" x 12"



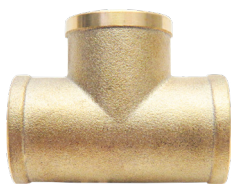
Plumbers Cap

Order Code	BSPP
27033-02	1/8"
27033-04	1/4"
27033-06	3/8"
27033-08	1/2"
27033-12	3/4"
27033-16	1"
27033-20	1 1/4"
27033-24	1 1/2"
27033-32	2"



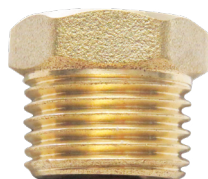
F & F Elbow

Order Code	BSPP
27034-02	1/8"
27034-04	1/4"
27034-06	3/8"
27034-08	1/2"
27034-12	3/4"
27034-16	1"
27034-20	1 1/4"
27034-24	1 1/2"
27034-32	2"



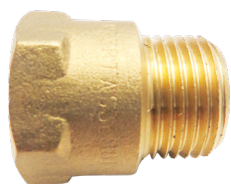
Female Tee

Order Code	BSPP
27035-02	1/8"
27035-04	1/4"
27035-06	3/8"
27035-08	1/2"
27035-12	3/4"
27035-16	1"
27035-20	1 1/4"
27035-24	1 1/2"
27035-32	2"



Hex Plug

Order Code	BSPP
27064-08	1/2"
27064-12	3/4"
27064-16	1"
27064-20	1 1/4"
27064-24	1 1/2"
27064-32	2"



M & F Adaptor

Order Code	BSPP Fem x BSPP Male
27072-0808	1/2" x 1/2"
27072-1208	3/4" x 1/2"
27072-1212	3/4" x 3/4"
27072-1612	1" x 3/4"
27072-1616	1" x 1"
27072-2012	1 1/4" x 3/4"
27072-2016	1 1/4" x 1"
27072-2020	1 1/4" x 1 1/4"
27072-2416	1 1/2" x 1"
27072-2420	1 1/2" x 1 1/4"
27072-2424	1 1/2" x 1 1/2"
27072-3220	2" x 1 1/4"
27072-3224	2" x 1 1/2"
27072-3232	2" x 2"



Hex Reducing Nipple

Order Code	BSPP x BSPP
27073-1208	3/4" x 1/2"
27073-1608	1" x 1/2"
27073-1612	1" x 3/4"
27073-2012	1 1/4" x 3/4"
27073-2016	1 1/4" x 1"
27073-2416	1 1/2" x 1"
27073-2420	1 1/2" x 1 1/4"
27073-3220	2" x 1 1/4"
27073-3224	2" x 1 1/2"



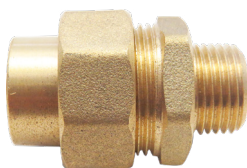
Locknut

Order Code	BSPP
27074-08	1/2"
27074-12	3/4"
27074-16	1"
27074-20	1 1/4"
27074-24	1 1/2"
27074-32	2"



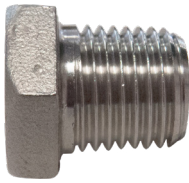
F & F Union

Order Code	BSPP
27085-02	1/8"
27085-04	1/4"
27085-06	3/8"
27085-08	1/2"
27085-12	3/4"
27085-16	1"
27085-20	1 1/4"
27085-24	1 1/2"
27085-32	2"



M & F Union

Order Code	BSPP
27087-04	1/4"
27087-06	3/8"
27087-08	1/2"
27087-12	3/4"
27087-16	1"
27087-20	1 1/4"
27087-24	1 1/2"
27087-32	2"



24SS M & F Reducing Bush

Order Code	BSPT x BSP
675024-0402	1/4" x 1/8"
675024-0602	3/8" x 1/8"
675024-0604	3/8" x 1/4"
675024-0802	1/2" x 1/8"
675024-0804	1/2" x 1/4"
675024-0806	1/2" x 3/8"
675024-1204	3/4" x 1/4"
675024-1206	3/4" x 3/8"
675024-1208	3/4" x 1/2"
675024-1608	1" x 1/2"
675024-1612	1" x 3/4"
675024-2012	1 1/4" x 3/4"
675024-2016	1 1/4" x 1"
675024-2416	1 1/2" x 1"
675024-2420	1 1/2" x 1 1/4"
675024-3216	2" x 1"
675024-3224	2" x 1 1/2"



25SS M & F Elbow

Order Code	BSPT x BSP
675025-02	1/8" x 1/8"
675025-04	1/4" x 1/4"
675025-06	3/8" x 3/8"
675025-08	1/2" x 1/2"
675025-12	3/4" x 3/4"
675025-16	1" x 1"



26SS Female Socket

Order Code	BSP
675026-02	1/8"
675026-04	1/4"
675026-06	3/8"
675026-08	1/2"
675026-12	3/4"
675026-16	1"
675026-20	1 1/4"
675026-24	1 1/2"
675026-32	2"
675026-48	3"



27SS Male Hex Nipple

Order Code	BSPT
675027-02	1/8"
675027-04	1/4"
675027-06	3/8"
675027-08	1/2"
675027-12	3/4"
675027-16	1"
675027-20	1 1/4"
675027-24	1 1/2"
675027-32	2"



29SS Female Reducing Socket

Order Code	BSP x BSP
675029-0402	1/4" x 1/8"
675029-0602	3/8" x 1/8"
675029-0604	3/8" x 1/4"
675029-0802	1/2" x 1/8"
675029-0804	1/2" x 1/4"
675029-0806	1/2" x 3/8"
675029-1206	3/4" x 3/8"
675029-1208	3/4" x 1/2"
675029-1608	1" x 1/2"
675029-1612	1" x 3/4"



33SS Female Cap

Order Code	BSP
675033-02	1/8"
675033-04	1/4"
675033-06	3/8"
675033-08	1/2"
675033-12	3/4"
675033-16	1"
675033-32	2"



34SS Female Elbow

Order Code	BSP
675034-02	1/8"
675034-04	1/4"
675034-06	3/8"
675034-08	1/2"
675034-12	3/4"
675034-16	1"
675034-20	1 1/4"
675034-24	1 1/2"
675034-32	2"



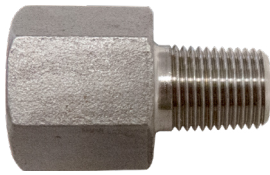
35SS Female Tee

Order Code	BSP
675035-02	1/8"
675035-04	1/4"
675035-06	3/8"
675035-08	1/2"
675035-12	3/4"
675035-16	1"
675035-20	1 1/4"
675035-24	1 1/2"
675035-32	2"



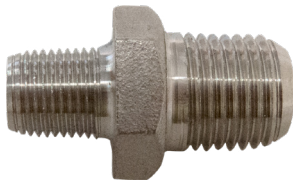
64SS Male Taper Plug

Order Code	BSPT
675064-02	1/8"
675064-04	1/4"
675064-06	3/8"
675064-08	1/2"
675064-12	3/4"
675064-16	1"
675064-20	1 1/4"
675064-24	1 1/2"
675064-32	2"
675064-40	2 1/2"



72SS M & F Adaptor

Order Code	BSP Fem x BSPT Male
675072-0402	1/4" x 1/8"
675072-0404	1/4" x 1/4"
675072-0602	3/8" x 1/8"
675072-0604	3/8" x 1/4"
675072-0804	1/2" x 1/4"
675072-0806	1/2" x 3/8"
675072-0808	1/2" x 1/2"
675072-1206	3/4" x 3/8"
675072-1208	3/4" x 1/2"
675072-1608	1" x 1/2"
675072-1612	1" x 3/4"



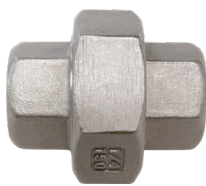
73SS Male Reducing Hex Nipple

Order Code	BSPT x BSPT
675073-0402	1/4" x 1/8"
675073-0602	3/8" x 1/8"
675073-0604	3/8" x 1/4"
675073-0804	1/2" x 1/4"
675073-0806	1/2" x 3/8"
675073-1204	3/4" x 1/4"
675073-1206	3/4" x 3/8"
675073-1208	3/4" x 1/2"
675073-1608	1" x 1/2"
675073-1612	1" x 3/4"
675073-2012	1 1/4" x 3/4"
675073-2016	1 1/4" x 1"
675073-2412	1 1/2" x 3/4"
675073-2416	1 1/2" x 1"
675073-2420	1 1/2" x 1 1/4"



74SS Female Lock Nut

Order Code	BSP
675074-02	1/8"
675074-04	1/4"
675074-06	3/8"
675074-08	1/2"
675074-12	3/4"
675074-16	1"



85SS F & F Union

Order Code	BSP
675085-02	1/8"
675085-04	1/4"
675085-06	3/8"
675085-08	1/2"
675085-12	3/4"
675085-16	1"
675085-24	1 1/2"



P3SS Male Hose Tail

Order Code	Hose x BSP
675603-0402	1/4" x 1/8"
675603-0404	1/4" x 1/4"
675603-0604	3/8" x 1/4"
675603-0606	3/8" x 3/8"
675603-0608	3/8" x 1/2"
675603-0804	1/2" x 1/4"
675603-0806	1/2" x 3/8"
675603-0808	1/2" x 1/2"
675603-1208	3/4" x 1/2"
675603-1212	3/4" x 3/4"
675603-1612	1" x 3/4"
675603-1616	1" x 1"
675603-2020	1 1/4" x 1 1/4"
675603-2424	1 1/2" x 1 1/2"
675603-3232	2" x 2"



24 Metric x BSP M & F Reducing Bush

Order Code	Metric Male x BSP
01024-M1402	M14 x 1/8"
01024-M1602	M16 x 1/8"
01024-M1604	M16 x 1/4"
01024-M1804	M18 x 1/4"
01024-M2004	M20 x 1/4"
01024-M2204	M22 x 1/4"
01024-M2206	M22 x 3/8"
01024-M2406	M24 x 3/8"



24 Metric x NPT M & F Reducing Bush

Order Code	Metric Male x NPT
02024-M1402	M14 x 1/8"
02024-M1602	M16 x 1/8"
02024-M1604	M16 x 1/4"
02024-M2004	M20 x 1/4"
02024-M2204	M22 x 1/4"



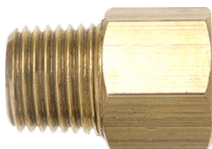
26 Metric Female Socket

Order Code	Metric
01026-M12	M12
01026-M14	M14
01026-M16	M16
01026-M18	M18
01026-M20	M20
01026-M22	M22
01026-M24	M24



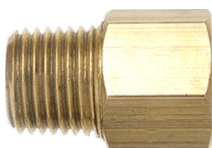
64 Metric Male Plug

Order Code	Metric
01064-M12	M12
01064-M14	M14
01064-M16	M16
01064-M18	M18
01064-M20	M20
01064-M22	M22
01064-M24	M24



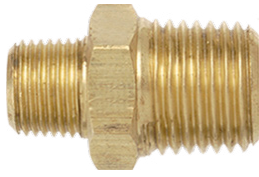
72 Metric x BSP M & F Adaptor

Order Code	Metric Male x BSP
01072-M1202	M12 x 1/8"
01072-M1404	M14 x 1/4"



72 Metric x NPT M & F Adaptor

Order Code	Metric Male x NPT
02072-M1204	M12 x 1/4"
02072-M1604	M16 x 1/4"



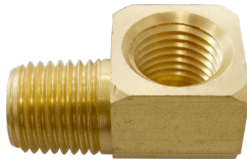
73 Metric x BSP Male Reducing Hex Nipple

Order Code	Metric Male x BSPT
01073-M1202	M12 x 1/8"
01073-M1204	M12 x 1/4"
01073-M1404	M14 x 1/4"
01073-M1604	M16 x 1/4"
01073-M1804	M18 x 1/4"
01073-M2004	M20 x 1/4"
01073-M2006	M20 x 3/8"
01073-M2206	M22 x 3/8"
01073-M2406	M24 x 3/8"



24 NPT M & F Reducing Bush

Order Code	NPT X NPT
3220x4x2	1/4" x 1/8"
3220x6x2	3/8" x 1/8"
3220x6x4	3/8" x 1/4"
3220x8x2	1/2" x 1/8"
3220x8x4	1/2" x 1/4"
3220x8x6	1/2" x 3/8"
3220x12x6	3/4" x 3/8"
3220x12x8	3/4" x 1/2"



25E NPT M & F Extruded Elbow

Order Code	NPT x NPT
3400x2	1/8" x 1/8"
3400x4x2	1/8" x 1/4"
3400x4	1/4" x 1/4"
3400x6	3/8" x 3/8"
3400x8	1/2" x 1/2"
3400x12	3/4" x 3/4"



25E 45° NPT M & F Extruded Elbow

Order Code	NPT x NPT
3350x2	1/8" x 1/8"
3350x4	1/4" x 1/4"
3350x6	3/8" x 3/8"
3350x8	1/2" x 1/2"
3350x12	3/4" x 3/4"



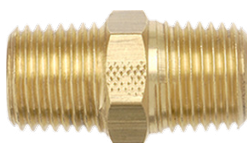
26 NPT Female Hex Socket

Order Code	NPT
3300x2	1/8"
3300x4	1/4"
3300x6	3/8"
3300x8	1/2"



27 NPT Male Hex Nipple

Order Code	NPT
3325x2	1/8"
3325x4	1/4"
3325x6	3/8"
3325x8	1/2"
3325x12	3/4"



27 BSP x NPT Male Hex Nipple

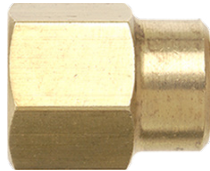
Order Code	BSP x NPT
01527-02	1/8" x 1/8"
01527-04	1/4" x 1/4"
01527-06	3/8" x 3/8"



28 NPT Male Long Hex Nipple

Order Code	NPT x Length
02028-0224	1/8" x 1 1/2"
02028-0232	1/8" x 2"
02028-0432	1/4" x 2"

Other sizes available while stocks last



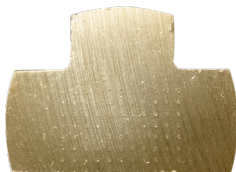
29 NPT Female Reducing Hex Socket

Order Code	NPT x NPT
3300x4x2	1/4" x 1/8"
3300x6x2	3/8" x 1/8"
3300x6x4	3/8" x 1/4"
3300x8x6	1/2" x 3/8"



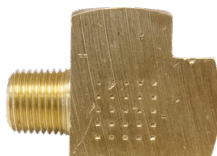
34 NPT Female Elbow

Order Code	NPT
3500x2	1/8"
3500x4	1/4"
3500x6	3/8"
3500x8	1/2"



35 NPT Tee

Order Code	NPT
3700x2	1/8"
3600x2	1/8" x 1/8" Male Branch
3700x4	1/4"
3600x4	1/4" x 1/4" Male Branch
3700x6	3/8"
3600x6	3/8" x 3/8" Male Branch
3700x8	1/2"
3600x8	1/2" x 1/2" Male Branch
3700x12	3/4"
3600x12	3/4" x 3/4" Male Branch



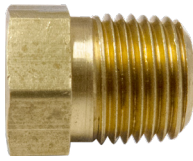
35 NPT Male Run Tee

Order Code	NPT
3750x2	1/8"
3750x4	1/4"
3750x6	3/8"
3750x8	1/2"
3750x12	3/4"



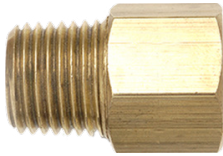
37 NPT Female Cross

Order Code	NPT
3950x2	1/8"
3950x4	1/4"
3950x6	3/8"
3950x8	1/2"



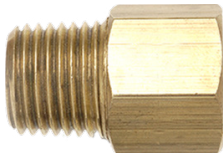
64 NPT Male Taper Plug

Order Code	NPT
3152x2	1/8"
3152x4	1/4"
3152x6	3/8"
3152x8	1/2"
3152x12	3/4"



72 NPT M & F Adaptor

Order Code	NPT Fem x NPT Male
3200x2	1/8" x 1/8"
3200x4x2	1/4" x 1/8"
3200x4	1/4" x 1/4"
3200x6x4	3/8" x 1/4"
3200x6	3/8" x 3/8"
3200x8x6	1/2" x 3/8"
3200x12x8	3/4" x 1/2"



72 NPS x BSPT M & F Adaptor

Order Code	NPS Female x BSPT
01572-0202	1/8" x 1/8"
01572-0404	1/4" x 1/4"
01572-0606	3/8" x 3/8"
01572-0808	1/2" x 1/2"



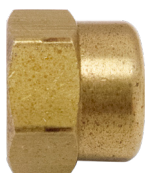
73 NPT Male Reducing Nipple

Order Code	NPT x NPT
3325x4x2	1/4" x 1/8"
3325x6x2	3/8" x 1/8"
3325x6x4	3/8" x 1/4"
3324x8x6	1/2" x 3/8"



NPT Close Nipple

Order Code	NPT
3326x4	1/4"



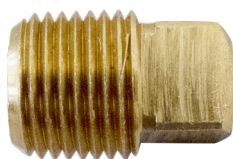
NPT End Cap

Order Code	Description
3129x2	1/8" NPT End Cap
3129x4	1/4" NPT End Cap
3129x6	3/8" NPT End Cap



NPT Slotted Plug

Order Code	Description
3150x4	1/4" NPT Slotted Plug
3150x6	3/8" NPT Slotted Plug



NPT Square Head Plug

Order Code	Description
3151x2	1/8" NPT Square Head Plug
3151x4	1/4" NPT Square Head Plug
3151x6	3/8" NPT Square Head Plug
3151x8	1/2" NPT Square Head Plug



NPT Hex Socket Plug

Order Code	Description
3153x2	1/8" NPT Hex Socket Plug



Bulkhead Couplings

Order Code	Description
1344	1/4" x 1/4" NPT Long
1345	1/4" x 1/4" NPT Short
1346	3/8" x 3/8" NPT

Style & Description

TubeFit brand Barbed Airline Fittings are designed to fit into the bore of a hose. A clamping device, hose clip, or 'O' clip is then required to clamp the fitting firmly into place to effect a seal. It should be noted that the clamping / sealing effort is enhanced by the end bulb being larger in diameter than the series of barbs.

Media/Application

- ✓ Air
- ✓ Water

Maximum Pressure

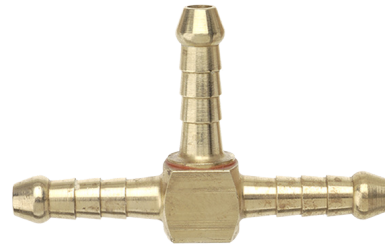
1000kPa (145psi)

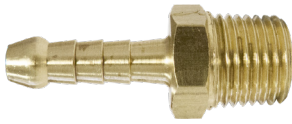
Construction

- Material: Brass
- Pipe Thread: BSP
- Pipe Thread: NPT

Assembly & Installation

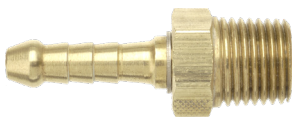
1. Tighten fitting to 'spanner firm' position.
(Caution: do not over- tighten)
2. Ensure Barb is fully inserted into the hose.





P3 Male Tailpiece

Order Code	Hose x BSPT
06003-0302	3/16" x 1/8"
06003-0304	3/16" x 1/4"
06003-0402	1/4" x 1/8"
06003-0404	1/4" x 1/4"
06003-0406	1/4" x 3/8"
06003-0408	1/4" x 1/2"
06003-0502	5/16" x 1/8"
06003-0504	5/16" x 1/4"
06003-0506	5/16" x 3/8"
06003-0508	5/16" x 1/2"
06003-0602	3/8" x 1/8"
06003-0604	3/8" x 1/4"
06003-0606	3/8" x 3/8"
06003-0608	3/8" x 1/2"
06003-0612	3/8" x 3/4"
06003-0802	1/2" x 1/8"
06003-0804	1/2" x 1/4"
06003-0806	1/2" x 3/8"
06003-0808	1/2" x 1/2"
06003-0812	1/2" x 3/4"
06003-1004	5/8" x 1/4"
06003-1006	5/8" x 3/8"
06003-1008	5/8" x 1/2"
06003-1012	5/8" x 3/4"
06003-1206	3/4" x 3/8"
06003-1208	3/4" x 1/2"
06003-1212	3/4" x 3/4"
06003-1216	3/4" x 1
06003-1608	1" x 1/2"
06003-1612	1" x 3/4"
06003-1616	1" x 1
06003-2020	1 1/4" x 1 1/4"
06003-2424	1 1/2" x 1 1/2"
06003-2432	1 1/2" x 2"
06003-3224	2" x 1 1/2"
06003-3232	2" x 2
06003-4040	2 1/2" x 2 1/2"
06003-4848	3" x 3"
06003-6464	4" x 4"



SP3 Male Swivel Tailpiece

Order Code	Hose x BSPT
06013-0404	1/4" x 1/4"
06013-0606	3/8" x 3/8"
06013-0808	1/2" x 1/2"
06013-1208	3/4" x 1/2"
06013-1212	3/4" x 3/4"



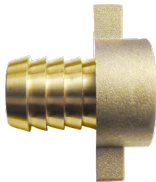
P7 Hose Joiner

Order Code	Hose
06007-03	3/16"
06007-04	1/4"
06007-05	5/16"
06007-06	3/8"
06007-08	1/2"
06007-10	5/8"
06007-12	3/4"
06007-16	1"



P5 Nut & Tail

Order Code	Hose x BSP
06005-0302	3/16" x 1/8"
06005-0304	3/16" x 1/4"
06005-0404	1/4" x 1/4"
06005-0406	1/4" x 3/8"
06005-0408	1/4" x 1/2"
06005-0504	5/16" x 1/4"
06005-0506	5/16" x 3/8"
06005-0508	5/16" x 1/2"
06005-0604	3/8" x 1/4"
06005-0606	3/8" x 3/8"
06005-0608	3/8" x 1/2"
06005-0806	1/2" x 3/8"
06005-0808	1/2" x 1/2"
06005-1212	3/4" x 3/4"
06005-1616	1" x 1"
06005-2020	1 1/4" x 1 1/4" Lugged
06005-2424	1 1/2" x 1 1/2" Lugged
06005-3232	2" x 2" Lugged



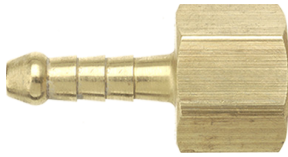
P6 Male Elbow

Order Code	Hose x BSPT
06006-0302	3/16" x 1/8"
06006-0304	3/16" x 1/4"
06006-0402	1/4" x 1/8"
06006-0404	1/4" x 1/4"
06006-0406	1/4" x 3/8"
06006-0502	5/16" x 1/8"
06006-0504	5/16" x 1/4"
06006-0506	5/16" x 3/8"
06006-0602	3/8" x 1/8"
06006-0604	3/8" x 1/4"
06006-0606	3/8" x 3/8"
06006-0608	3/8" x 1/2"
06006-0804	1/2" x 1/4"
06006-0806	1/2" x 3/8"
06006-0808	1/2" x 1/2"
06006-0812	1/2" x 3/4"
06006-1004	5/8" x 1/4"
06006-1006	5/8" x 3/8"
06006-1008	5/8" x 1/2"
06006-1208	3/4" x 1/2"
06006-1212	3/4" x 3/4"
06006-1612	1" x 3/4"
06006-1616	1" x 1"



P7R Reducing Hose Joiner

Order Code	Hose x Hose
06007-0403	1/4" x 3/16"
06007-0504	5/16" x 1/4"
06007-0604	3/8" x 1/4"
06007-0605	3/8" x 5/16"
06007-0805	1/2" x 5/16"
06007-0806	1/2" x 3/8"
06007-1006	5/8" x 3/8"
06007-1008	5/8" x 1/2"
06007-1208	3/4" x 1/2"
06007-1210	3/4" x 5/8"
06007-1612	1" x 3/4"



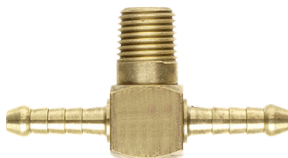
No P10 Female Tailpiece

Order Code	Hose x BSP
06010-0302	3/16" x 1/8"
06010-0304	3/16" x 1/4"
06010-0402	1/4" x 1/8"
06010-0404	1/4" x 1/4"
06010-0406	1/4" x 3/8"
06010-0408	1/4" x 1/2"
06010-0502	5/16" x 1/8"
06010-0504	5/16" x 1/4"
06010-0506	5/16" x 3/8"
06010-0508	5/16" x 1/2"
06010-0602	3/8" x 1/8"
06010-0604	3/8" x 1/4"
06010-0606	3/8" x 3/8"
06010-0608	3/8" x 1/2"
06010-0804	1/2" x 1/4"
06010-0806	1/2" x 3/8"
06010-0808	1/2" x 1/2"
06010-1208	3/4" x 1/2"
06010-1212	3/4" x 3/4"



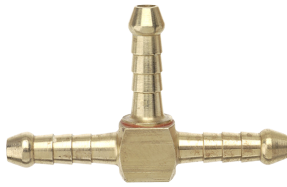
No P11 Hose Elbow

Order Code	Hose
06011-03	3/16"
06011-04	1/4"
06011-05	5/16"
06011-06	3/8"
06011-08	1/2"
06011-10	5/8"
06011-12	3/4"



No P12 Male Branch Tee

Order Code	Hose x BSPT
06012-0302	3/16" x 1/8"
06012-0402	1/4" x 1/8"
06012-0404	1/4" x 1/4"
06012-0502	5/16" x 1/8"
06012-0504	5/16" x 1/4"
06012-0602	3/8" x 1/8"
06012-0604	3/8" x 1/4"
06012-0606	3/8" x 3/8"
06012-0804	1/2" x 1/4"
06012-0806	1/2" x 3/8"
06012-0808	1/2" x 1/2"
06012-1006	5/8" x 3/8"
06012-1212	3/4" x 3/4"



P14 Hose Tee

Order Code	Hose x BSP
06014-03	3/16"
06014-04	1/4"
06014-05	5/16"
06014-06	3/8"
06014-08	1/2"
06014-10	5/8"
06014-12	3/4"
06014-16	1"



P75 Hose Y - Piece

Order Code	Hose
06075-03	3/16"
06075-04	1/4"
06075-05	5/16"
06075-06	3/8"
06075-08	1/2"
06075-10	5/8"
06075-12	3/4"



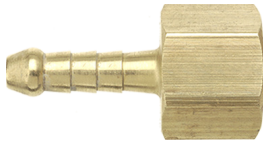
P3 Male Tailpiece NPT

Order Code	Hose x NPT
06103-0302	3/16" x 1/8"
06103-0402	1/4" x 1/8"
06103-0404	1/4" x 1/4"
06103-0502	5/16" x 1/8"
06103-0504	5/16" x 1/4"
06103-0506	5/16" x 3/8"
06103-0602	3/8" x 1/8"
06103-0604	3/8" x 1/4"
06103-0606	3/8" x 3/8"
06103-0608	3/8" x 1/2"
06103-0804	1/2" x 1/4"
06103-0806	1/2" x 3/8"
06103-0808	1/2" x 1/2"
06103-1006	5/8" x 3/8"



P6 Male Elbow NPT

Order Code	Hose x NPT
06106-0302	3/16" x 1/8"
06106-0304	3/16" x 1/4"
06106-0402	1/4" x 1/8"
06106-0502	5/16" x 1/8"
06106-0504	5/16" x 1/4"
06106-0506	5/16" x 3/8"
06106-0602	3/8" x 1/8"
06106-0604	3/8" x 1/4"
06106-0606	3/8" x 3/8"
06106-0806	1/2" x 3/8"
06106-0808	1/2" x 1/2"
06106-1006	5/8" x 3/8"



P10 Female Tailpiece

Order Code	Hose x NPS
06110-0302	3/16" x 1/8"
06110-0404	1/4" x 1/4"
06110-0604	3/8" x 1/4"
06110-0808	1/2" x 1/2"



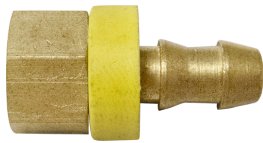
Barb-Tite Male Tail Piece

Order Code	Description
10004B-102	1/4" x 1/8" NPT Male Barb – Tite Tailpiece
10004B-104	1/4" x 1/4" NPT Male Barb – Tite Tailpiece
10006B-104	3/8" x 1/4" NPT Male Barb – Tite Tailpiece
10006B-106	3/8" x 3/8" NPT Male Barb – Tite Tailpiece
10012B-112	3/4" x 3/4" NPT Male Barb – Tite Tailpiece



Barb-Tite Inverted Flare Swivel

Order Code	Description
10004B-B03	1/4" x 3/16" Inverted Flare Barb – Tite Swivel Tailpiece
10004B-B04	1/4" x 1/4" Inverted Flare Barb – Tite Swivel Tailpiece
10005B-B05	5/16" x 5/16" Inverted Flare Barb – Tite Swivel Tailpiece
10006B-B06	3/8" x 3/8" Inverted Flare Barb – Tite Swivel Tailpiece
10008B-B08	1/2" x 1/2" Inverted Flare Barb – Tite Swivel Tailpiece



Barb-Tite Inverted Flare Female

Order Code	Description
10004B-A04	1/4" x 1/4" Inverted Flare Barb – Tite Female Tailpiece
10004B-A05	1/4" x 5/16" Inverted Flare Barb – Tite Female Tailpiece
10005B-A05	5/16" x 5/16" Inverted Flare Barb – Tite Female Tailpiece
10006B-A05	3/8" x 5/16" Inverted Flare Barb – Tite Female Tailpiece
10008B-A08	1/2" x 1/2" Inverted Flare Barb – Tite Female Tailpiece



Barb-Tite SAE Male Tail Piece

Order Code	Description
10004B-305	1/4" x 1/4" SAE Barb – Tite Male Tailpiece
10005B-305	5/16" x 5/16" SAE Barb – Tite Male Tailpiece



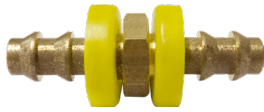
Barb-Tite SAE Female Swivel

Order Code	Description
10006B-406	3/8" x 3/8" SAE Barb – Tite Female Swivel Tailpiece



Barb-Tite Female Swivel

Order Code	Description
10004B-604	1/4" x 1/4" JIC 37° Barb – Tite Female Swivel Tailpiece
10005B-605	5/16" x 5/16" JIC 37° Barb – Tite Female Swivel Tailpiece
10006B-606	3/8" x 3/8" JIC 37° Barb – Tite Female Swivel Tailpiece
10008B-608	1/2" x 1/2" JIC 37° Barb – Tite Female Swivel Tailpiece
10012B-612	3/4" x 3/4" JIC 37° Barb – Tite Female Swivel Tailpiece



Barb-Tite Hose Joiner

Order Code	Description
10004B-Y04	1/4" Barb – Tite Hose Joiner
10006B-Y06	3/8" Barb – Tite Hose Joiner
10008B-Y08	1/2" Barb – Tite Hose Joiner



NPT Male Tail Piece

Order Code	Description
10503B-102	3/16" x 1/8" NPT Barbed Male Tailpiece
10504B-102	1/4" x 1/8" NPT Barbed Male Tailpiece
10504B-104	1/4" x 1/4" NPT Barbed Male Tailpiece
10505B-102	5/16" x 1/8" NPT Barbed Male Tailpiece
10505B-104	5/16" x 1/4" NPT Barbed Male Tailpiece
10506B-104	3/8" x 1/4" NPT Barbed Male Tailpiece
10506B-108	3/8" x 1/2" NPT Barbed Male Tailpiece
10508B-104	1/2" x 1/4" NPT Barbed Male Tailpiece
10508B-106	1/2" x 3/8" NPT Barbed Male Tailpiece
10508B-108	1/2" x 1/2" NPT Barbed Male Tailpiece



NPT Female Tail Piece

Order Code	Description
10506B-206	3/8" x 3/8" NPT Barbed Female Tailpiece
10508B-208	1/2" x 1/2" NPT Barbed Female Tailpiece



057 Series Male Tail Piece

Order Code	Description
05712B-108	3/4" x 1/2" NPT Male Tailpiece



057 Series Male Elbow

Order Code	Description
05704B-C02	1/4" x 1/8" NPT Male Elbow
05705B-C04	5/16" x 1/4" NPT Male Elbow
05706B-C04	3/8" x 1/4" NPT Male Elbow



057 Series Inverted Flare Male Swivel Elbow

Order Code	Description
05706B-B65	3/8" x 5/16" Inverted Flare Male Swivel Elbow
05706B-B66	3/8" x 3/8" Inverted Flare Male Swivel Elbow

Hi Coupler Series

One Way Automatic Sealing in the Coupling

Maximum Working Pressure

- 1960kPa

Media/Application

- ✓ Pneumatic tools, air piping and air pressure equipment
- ✓ Air

Operating Temperature

- -20°C to +80°C

Material

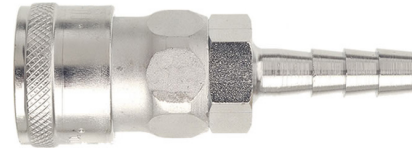
- Steel (chrome plated)
- Stainless Steel

Standard Packing Material

- Nitrile butadiene rubber

Note

00 Series does not interchange with 0 series.



TSP Coupler Series – Non-Sealing Coupling and Adaptor

Maximum Working Pressure

- 1960kPa

Media/Application

- ✓ Water piping, (including sea water), hydraulic equipment
- ✓ Petrol
- ✓ Fuel Oil
- ✓ Kerosene
- ✓ Water

Operating Temperature

- -20°C to +80°C (FKM -20°C to +180°C)

Material

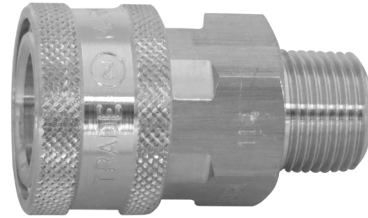
- Brass

Standard Packing Material

- Nitrile butadiene rubber – NBR
- Fluoro Rubber – FKM (x-1000)

Note

Different sized couplings and adaptors are NOT interchangeable.



SP Coupler Series – Type A

Two-Way Automatic Sealing in the Coupling
and Adaptor

Maximum Working Pressure

- 7350kPa

Media/Application – Brass

- ✓ Water transfer, oxygen/acetylene pipelines
- ✓ Air
- ✓ Water
- ✓ Oxygen
- ✓ Acetylene

Media/Application – Stainless Steel

- ✓ Salty water transfer, steam, chemicals
- ✓ Steam Piping
- ✓ Chemicals

Operating Temperature

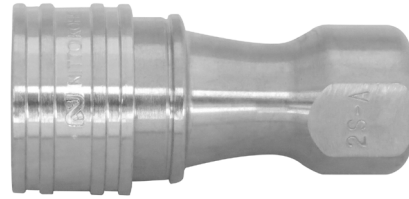
-20°C to +80°C (Viton -20°C to +180°C)

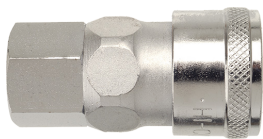
Standard Packing Material

- Nitrile butadiene rubber
- Fluoro Rubber – FKM (x-100)

Note

Different sized couplings and adaptors are NOT interchangeable.





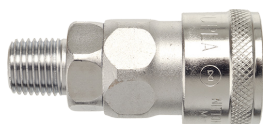
Hi-Coupler Female Coupling – Sealing

Order Code	Part No	BSP
06N20SF	20SF	1/4"
06N30SF	30SF	3/8"
06N40SF	40SF	1/2"
06N400SF	400SF	1/2"
06N600SF	600SF	3/4"
06N800SF	800SF	1"



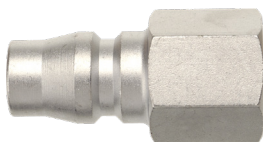
Hi-Coupler Hose Coupling – Sealing

Order Code	Part No	Hose
06N20SH	20SH	1/4"
06N30SH	30SH	3/8"
06N40SH	40SH	1/2"
06N400SH	400SH	1/2"
06N600SH	600SH	3/4"
06N800SH	800SH	1"



Hi-Coupler Male Coupling – Sealing

Order Code	Part No	BSP
06N20SM	20SM	1/4"
06N30SM	30SM	3/8"
06N40SM	40SM	1/2"
06N400SM	400SM	1/2"
06N600SM	600SM	3/4"
06N800SM	800SM	1"



Hi-Coupler Female Adaptor – Non Sealing

Order Code	Part No	BSP
06N20PF	20PF	1/4"
06N30PF	30PF	3/8"
06N40PF	40PF	1/2"
06N400PF	400PF	1/2"
06N600PF	600PF	3/4"



Hi-Coupler Hose Adaptor – Non Sealing

Order Code	Part No	Hose
06N20PH	20PH	1/4"
06N30PH	30PH	3/8"
06N40PH	40PH	1/2"
06N400PH	400PH	1/2"
06N600PH	600PH	3/4"



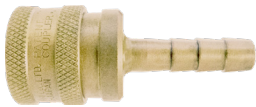
Hi-Coupler Male Adaptor – Non Sealing

Order Code	Part No	BSP
06N20PM	20PM	1/4"
06N30PM	30PM	3/8"
06N40PM	40PM	1/2"
06N400PM	400PM	1/2"
06N600PM	600PM	3/4"
06N800PM	800PM	1"



TSP Female Coupling – Non Sealing

Order Code	Part No	BSP
06N2TSF	2TSF	1/4"
06N3TSF	3TSF	3/8"
06N4TSF	4TSF	1/2"
06N8TSF	8TSF	1"



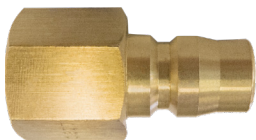
TSP Hose Coupling – Non Sealing

Order Code	Part No	Hose
06N2TSH	2TSH	1/4"
06N3TSH	3TSH	3/8"
06N4TSH	4TSH	1/2"
06N6TSH	6TSH	3/4"
06N8TSH	8TSH	1"



TSP Male Coupling – Non Sealing

Order Code	Part No	BSP
06N2TSM	2TSM	1/4"
06N3TSM	3TSM	3/8"
06N4TSM	4TSM	1/2"
06N6TSM	6TSM	3/4"



TSP Female Adaptor – Non Sealing

Order Code	Part No	BSP
06N2TPF	2TPF	1/4"
06N3TPF	3TPF	3/8"
06N6TPF	6TPF	3/4"
06N8TPF	8TPF	1"



TSP Hose Adaptor – Non Sealing

Order Code	Part No	Hose
06N2TPH	2TPH	1/4"
06N3TPH	3TPH	3/8"
06N4TPH	4TPH	1/2"
06N8TPH	8TPH	1"



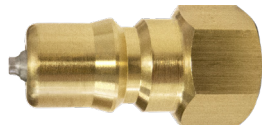
TSP Male Adaptor – Non Sealing

Order Code	Part No	BSP
06N2TPM	2TPM	1/4"
06N3TPM	3TPM	3/8"
06N4TPM	4TPM	1/2"
06N6TPM	6TPM	3/4"
06N8TPM	8TPM	1"



SP Female Coupler BSP – Sealing

Order Code	Part No	BSP
06N1SB	1S	1/8"
06N2SB	2S	1/4"
06N3SB	3S	3/8"
06N4SB	4S	1/2"
06N1S-SS	1S-SS	1/8"
06N2S-SS	2S-SS	1/4"
06N3S-SS	3S-SS	3/8"



SP Female Adaptor BSP – Sealing

Order Code	Part No	BSP
06N1PB	1P	1/8"
06N2PB	2P	1/4"
06N3PB	3P	3/8"
06N1P-SS	1P-SS	1/8"
06N2P-SS	2P-SS	1/4"



Oxy Acetylene Female Coupling – Sealing

Order Code	Part No	UNF
06N22SF	22SF OXY	5/8" UNF



Oxy Acetylene Hose Coupling – Sealing

Order Code	Part No	Hose
06N22SH	22SH OXY	6mm
06N32SH	32SH ACET	6mm



Oxy Acetylene Female Adaptor – Non Sealing

Order Code	Part No	UNF
06N22PF	22PF OXY	5/8" UNF
06N33PF	33PF ACET	5/8" UNFLH



Oxy Acetylene Hose Adaptor – Non Sealing

Order Code	Part No	Hose
06N22PH	22PH OXY	6mm



200 Series Hi-Cupla One Touch – Sealing – Female Cupla

Order Code	Part No	BSP
06N200-20SF	200-20SF	1/4"
06N200-30SF	200-30SF	3/8"
06N200-40SF	200-40SF	1/2"



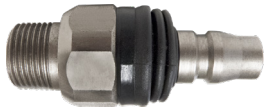
200 Series Hi-Cupla One Touch – Sealing – Male Cupla

Order Code	Part No	BSP
06N200-20SM	200-20SM	1/4"
06N200-30SM	200-30SM	3/8"
06N200-40SM	200-40SM	1/2"



200 Series Hi-Cupla One Touch – Sealing – Hose Cupla

Order Code	Part No	Hose
06N200-20SH	200-20SH	1/4"
06N200-30SH	200-30SH	3/8"
06N200-40SH	200-40SH	1/2"



Twist Plug – Non Sealing – Male Adaptor

Order Code	Part No	BSP
06NTS-10PM	TS-10PM	1/8"
06NTS-30PM	TS-30PM	3/8"



Twist Plug – Non Sealing – Female Adaptor

Order Code	Part No	BSP
06NTS-20PFF	TS-20PFF	1/4"



250 Series Hose Hi Cupla – Sealing

Order Code	Part No	Hose
06N250-50SNG	HA-50SNG	5mm x 8mm
06N250-85SNG	HA-85SNG	8.5mm x 12.5mm



250 Series Male Hi Cupla – Sealing

Order Code	Part No	BSP
06N250-20SM	HA-20SM	1/4"



250 Series Hi-Cupla Adaptor – Non Sealing

Order Code	Part No	Hose
06N250-65PNG	HA-65PNG	6.5mm x 10mm



250 Series Adaptors – Non Sealing

Order Code	Part No	BSP
06N250-20PM	HA-20PM	1/4" M



Hi-Cupla Safety Lock – Sealing – Male Cupla

Order Code	Part No	BSP
06NL20SM	L-20SM	1/4"
06NL40SM	L-40SM	1/2"



Hi-Cupla Safety Lock – Sealing – Hose Cupla

Order Code	Part No	Hose
06NL30SH	L-30SH	3/8"
06NL40SH	L-40SH	1/2"



Hi-Cupla Safety Lock – Sealing – Female Cupla

Order Code	Part No	BSP
06NL20SF	L-20SF	1/4"
06NL40SF	L-40SF	1/2"



Hi-Cupla Safety Lock – Ball Lock Type – Hose Cupla

Order Code	Part No	Hose
06NL400SH	400SH Lock	1/2"



Hi-Cupla Safety Lock – Ball Lock Type – Female Cupla

Order Code	Part No	Hose
06NL400SF	400SF Lock	1/2"



Manifolds "One Touch Cuplas"

Order Code	Part No
06NMAN2WAY	2 Way Manifold
06NMAN3WAY	3 Way Manifold



Dusta Hi-Cupla – Sealing

Order Code	Part No	BSP
06NDCS-20PH	DCS-20PH	1/4"
06NDCS-30PH	DCS-30PH	3/8"
06NDCS-40PH	DCS-40PH	1/2"



Purge Plug – Non Sealing – Hose Adaptor

Order Code	Part No	Hose
06NPV-20PH	PV-20PH	1/4"
06NPV-40PH	PV-40PH	1/2"



Rotary Plug – Non Sealing – Male

Order Code	Part No	BSP
06NRL20PM	RL-20PM	1/4"
06NRL30PM	RL-30PM	3/8"



Rotary Plug – Non Sealing – Female

Order Code	Part No	BSP
06NRL20PFF	RL-20PFF	1/4"



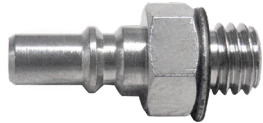
Micro Cupla – Sealing

Order Code	Connection
06NMC04SH	4mm Hose



Micro Plug Hose – Non Sealing

Order Code	Hose
06NMC04PH	4mm Hose



Micro Plug Male – Non Sealing

Order Code	Connection
06NMC05PM	M5 x 0.8 Male



Small Cupla Hose – Sealing

Order Code	Connection
06NMS40SN	4.0 x 6.0 Nylon



Small Cupla Male – Sealing

Order Code	NPT
06NMS10SM	1/8" NPT Male



Small Plug Female – Non Sealing

Order Code	NPT
06NMS10PF	1/8" NPT Fem



Small Plug Male – Non Sealing

Order Code	NPT
06NMS10PM	1/8" NPT Male



Small Plug Hose – Non Sealing

Order Code	Connection
06NMS45PN	4.5 x 6.0 Hose

200 & 200S Series

One-Way Automatic Sealing in the Coupling

Maximum Working Pressure

- 200 Series – 1500kPa
- 200S Series – 2000kPa

Media/Application

- ✓ Pneumatic tools, air piping and air pressure equipment
- ✓ Air

Operating Temperature

- -20°C to +80°C

Material

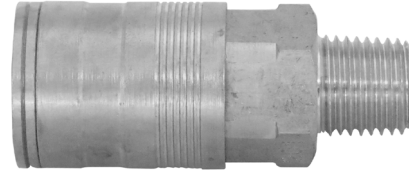
- 200 Series – Brass
- 200S Series – Steel (Zinc plated)

Standard Packing Material

- Nitrile rubber

Note

1. 200 Series adaptors fit 200 & 290 series couplings.
2. Different sized couplings and adaptors are interchangeable.



Super-Hi-Flow 290 Series

One-Way Automatic Sealing in the Coupling

Maximum Working Pressure

- 3500kPa

Media/Application

- ✓ Pneumatic tools, air piping and air pressure equipment
- ✓ Air

Operating Temperature

- -20°C to +80°C

Material

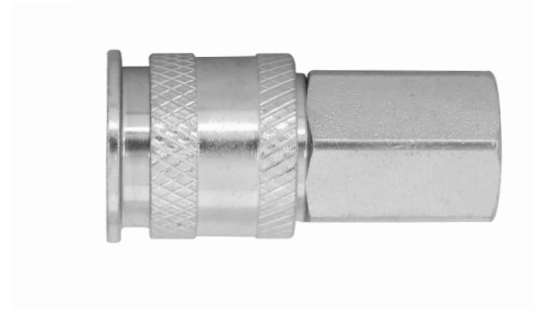
- Steel (zinc plated)

Standard Packing Material

- Nitrile rubber

Note

1. 200 Series adaptors fit 200 & 290 series couplings.
2. Different sized couplings and adaptors are interchangeable.



Industrial 300 Series

One-Way Automatic Sealing in the Coupling

Maximum Working Pressure

- 3500kPa

Media/Application

- ✓ Pneumatic tools, air piping and air pressure equipment
- ✓ Air

Operating Temperature

- -20°C to +80°C

Material

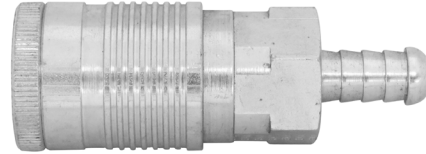
- Steel (Zinc plated)

Standard Packing Material

- Nitrile rubber

Note

Different sized couplings and adaptors are interchangeable.



Super-Hi-Flow 400 Series

One-Way Automatic Sealing in the Coupling

Maximum Working Pressure

- 1500kPa

Media/Application

- ✓ Pneumatic tools, air piping and air pressure equipment
- ✓ Air

Operating Temperature

- -20°C to +80°C

Material

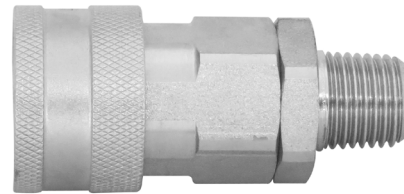
- Steel (Zinc plated)

Standard Packing Material

- Nitrile rubber

Note

1. The manufacturer claims, Ryco 400 Series product, interchanges with Nitto Hi-Coupler Series product.
2. Different sized couplings and adaptors are interchangeable.



Super-Hi-Flow 500 Series

One-Way Automatic Sealing in the Coupling

Media/Application

- ✓ Pneumatic tools, air piping and air pressure equipment
- ✓ Air

Material

- Steel (Zinc plated)

Standard Packing Material

- Nitrile rubber

Operating Temperature

- -20°C to +80°C

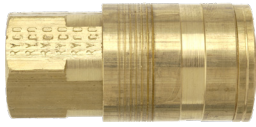
Maximum Working Pressure

- 3500kPa

Note

1. The manufacturer claims, Ryco 500 Series product interchanges with equivalent Cejn product.
2. Different sized couplings and adaptors are interchangeable.





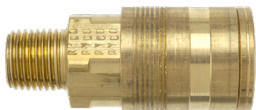
200 Series Female Coupling – Sealing

Order Code	Part No	BSP
068-200	200	1/4" Brass
068-200S	200S	1/4" Steel
068-243	243	3/8" Brass



200 Series Hose Coupling – Sealing

Order Code	Part No	Hose
068-245	245	1/4" Brass
068-240	240	5/16" Brass
068-241	241	3/8" Brass
068-241S	241S	3/8" Steel



200 Series Male Coupling – Sealing

Order Code	Part No	BSP
068-201	201	1/4" Brass
068-201S	201S	1/4" Steel
068-244	244	3/8" Brass



200 Series Female Adaptor – Non Sealing

Order Code	Part No	BSP
068-203	203	1/4" BSP Brass
068-203S	203S	1/4" BSP Steel
068-266S	266S	3/8" BSP Steel



200 Series Hose Adaptor – Non Sealing

Order Code	Part No	Hose
068-205	205	1/4" Brass
068-205S	205S	1/4" Steel
068-206	206	5/16" Brass
068-206S	206S	5/16" Steel
068-206A	206A	3/8" Brass
068-206AS	206AS	3/8" Steel
068-254S	254S	1/2" Steel



200 Series Male Adaptor – Non Sealing

Order Code	Part No	BSP
068-204	204	1/8" Brass
068-202	202	1/4" Brass
068-202S	202S	1/4" Steel
068-251S	251S	3/8" Steel
068-252S	252S	1/2" Steel



290 Series Female Coupling – Sealing

Order Code	Part No	BSP
068-290	290	1/4"



290 Series Hose Coupling – Sealing

Order Code	Part No	Hose
068-298	298	3/8"
068-299	299	1/2"



290 Series Male Coupling – Sealing

Order Code	Part No	BSP
068-291	291	1/4"
068-295	295	1/2"



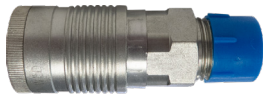
300 Series Female Coupling – Sealing

Order Code	Part No	BSP
068-322	322	3/8"
068-320	320	1/2"



300 Series Hose Coupling – Sealing

Order Code	Part No	Hose
068-341	341	1/2"



300 Series Male Coupling – Sealing

Order Code	Part No	BSP
068-321	321	1/2"



300 Series Female Adaptor – Non Sealing

Order Code	Part No	BSP
068-330	330	3/8"
068-303	303	1/2"



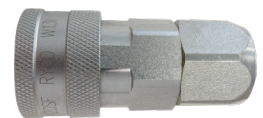
300 Series Hose Adaptor – Non Sealing

Order Code	Part No	Hose
068-306	306	1/2" Hose



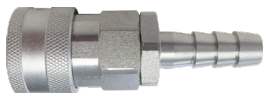
300 Series Male Adaptor – Non Sealing

Order Code	Part No	BSP
068-332	332	1/4"
068-304	304	3/8"
068-302	302	1/2"



400 Series Female Coupling – Sealing

Order Code	Part No	BSP
068-420SF	420SF	1/4"



400 Series Hose Coupling – Sealing

Order Code	Part No	Hose
068-430SH	430SH	3/8"
068-440SH	440SH	1/2"



400 Series Male Coupling – Sealing

Order Code	Part No	BSP
068-420SM	420SM	1/4"
068-430SM	430SM	3/8"
068-440SM	440SM	1/2"



400 Series Female Adaptor – Non Sealing

Order Code	Part No	BSP
068-420PF	420PF	1/4"



400 Series Hose Adaptor – Non Sealing

Order Code	Part No	Hose
068-430PH	430PH	3/8"
068-440PH	440PH	1/2"



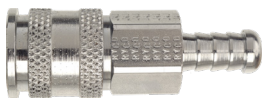
400 Series Male Adaptor – Non Sealing

Order Code	Part No	BSP
068-420PM	420PM	1/4"
068-430PM	430PM	3/8"
068-440PM	440PM	1/2"



500 Series Female Coupling – Sealing

Order Code	Part No	BSP
068-500	500	1/4"
068-543	543	3/8"
068-546	546	1/2"



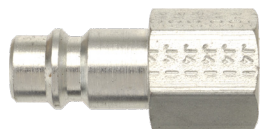
500 Series Hose Coupling – Sealing

Order Code	Part No	Hose
068-541	541	3/8"
068-542	542	1/2"



500 Series Male Coupling – Sealing

Order Code	Part No	BSP
068-501	501	1/4"
068-544	544	3/8"
068-547	547	1/2"



500 Series Female Adaptor – Non Sealing

Order Code	Part No	BSP
068-503	503	1/4"



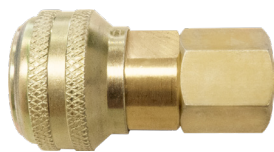
500 Series Hose Adaptor – Non Sealing

Order Code	Part No	Hose
068-506A	506A	3/8"
068-554	554	1/2"



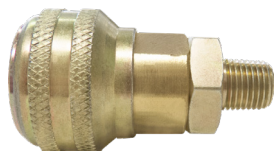
500 Series Male Adaptor – Non Sealing

Order Code	Part No	BSP
068-502	502	1/4"
068-551	551	3/8"
068-552	552	1/2"



CA93 Series Female Coupling – Sealing

Order Code	Part No	NPS
34CA93-33	CA93-33	1/4" NPS
34CA93-34	CA93-34	3/8" NPS
34CA93-35	CA93-35	1/2" NPS



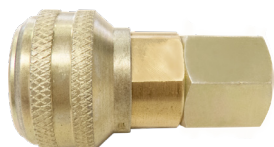
CA93 Series Male Coupling – Sealing

Order Code	Part No	NPT
34CA93-30	CA93-30	1/4" NPT
34CA93-31	CA93-31	3/8" NPT
34CA93-32	CA93-32	1/2" NPT



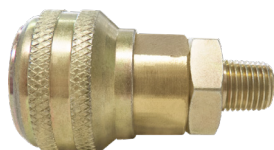
CA93 Series Bulkhead Coupling – Sealing

Order Code	Tube x BSP
34CA93-001-6	3/8" Tube x 1/2" BSP



CA93 Series Female Coupling – Non Sealing

Order Code	Part No	NPS
34CA93-86	CA93-86	1/4" NPS
34CA93-82	CA93-82	3/8" NPS
34CA93-87	CA93-87	1/2" NPS



CA93 Series Male Coupling – Non Sealing

Order Code	Part No	NPT
34CA93-83	CA93-83	1/4" NPT
34CA93-84	CA93-84	3/8" NPT
34CA93-85	CA93-85	1/2" NPT



CA93 Series Bulkhead Coupling – Non Sealing

Order Code	Tube x BSP
34CA93-006-6	3/8" Tube x 1/2" BSP



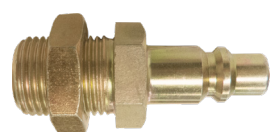
CA93 Series Female Adaptor – Non Sealing

Order Code	Part No	NPS
34CA93-21	CA93-21	1/4" NPS
34CA93-22	CA93-22	3/8" NPS
34CA93-23	CA93-23	1/2" NPS



CA93 Series Male Adaptor – Non Sealing

Order Code	Part No	NPT
34CA93-18	CA93-18	1/4" NPT
34CA93-19	CA93-19	3/8" NPT
34CA93-20	CA93-20	1/2" NPT



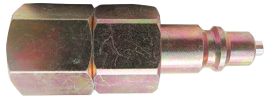
CA93 Series Bulkhead Adaptor – Non Sealing

Order Code	Tube x BSP
34CA93-005-6	3/8" Tube x 1/2" BSP



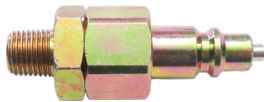
CA93 Series Hose Adaptor – Non Sealing

Order Code	Hose
34CA93-8	3/8" ID Hose
34CA93-14	1/2" ID Hose



CA93 Series Female Adaptor – Sealing

Order Code	Part No	NPS
34CA93-88	CA93-88	1/4" NPS
34CA93-89	CA93-89	3/8" NPS
34CA93-90	CA93-90	1/2" NPS



CA93 Series Male Adaptor – Sealing

Order Code	Part No	NPT
34CA93-91	CA93-91	1/4" NPT
34CA93-92	CA93-92	3/8" NPT
34CA93-93	CA93-93	1/2" NPT



Coupling & Adaptor Brackets

Order Code	NPS
34SB420	1/2" NPS Female
34SB423	1/4" NPS Female



TubeFit – Pistol Grip Series

Order Code	Description
061-10G	Std Model
061-10TCD	Cab Duster Assembly
067-728	Zinc Cast – Carded



TubeFit – Squeeze Grip Series

Order Code	Part No	Description
067-706	706	Squeeze Grip
067-708	708	Safe-n-Quiet



Jamec-Pem Palm Grip Series

Order Code	Part No	Description
067-411	411	Standard Short Nose
067-412	412	Standard Long Nose



067-700

Jamec-Pem – Air Master Series

Order Code	Part No	Description
067-7181	7181	450mm Ext Nozzle
067-0770	0770	Squeeze Grip – Ext Nozzle
067-700	700	Palm Grip – Long Nozzle
067-702	702	Palm Grip – Std Nozzle
067-703	703	Palm Grip – Power Nozzle



067-702



067-7181



067-0770



067-703



068-9300

Tyre Chucks

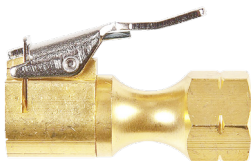
Order Code	Description
068-9300	1/4"
067-9301	Single Clip-On Chuck
068-706S	Dual Hold on Chuck Sealing
068-706NS	Dual Hold on Chuck Non Sealing
067-9402	1/4" F Clip-On Sealing
067-9404	1/4" F Clip-On Non Sealing



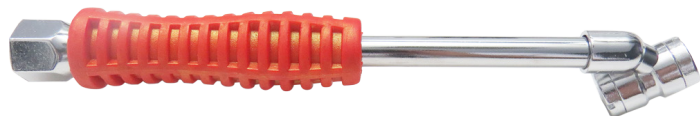
067-9301



068-9303



067-9402



068-706S



068-706NS



Tyre Inflators

Order Code	Description
068-91000TDR	Dual Hold-On Chuck 0-1000kPa Indicator



Tyre Gauges

Order Code	Description
068-9530	Single Hold-On Chuck 50-300kPa Bar Indicator Tractor Tyres
068-9542	Dial Gauge 50MM Single Hold-On Angled Chuck 60psi / 400kPa



Manifold – Anodised Aluminium

Order Code	Description
06Y-0406	3-Way Manifold 3-Way 1/4" BSP Outlets x 3/8" BSP Inlet
06Y-05W	5-Way Manifold 5-Way 1/4" BSP Outlets x 1/4" BSP Inlet



Filter/Regulator/Lubricator Combination

Order Code	Description
07072-FRL04AD	1/4" Filter / Reg / Lub, Auto Drain, C/W Gauge, Bracket & Shut-off Valve
07072-FRL04MD	1/4" Filter / Reg / Lub, Manual Drain, C/W Gauge, Bracket & Shut-off Valve

Complete with gauge & bracket



Regulator Units

Order Code	Description
07073-R04	R72 Series 1/4" BSPP Regulator, 0-10 Bar
07073-R08	R74 Series 1/2" BSPP Regulator, 0-10 Bar

All complete with bracket



Filter Units

Order Code	Description
07073-F04MD	F72 Series 1/4" BSPP Filter – Manual Drain 1500Lpm
07073-F08MD	F74 Series 1/2" BSPP Filter – Manual Drain 1980 Lpm

All complete with gauge & bracket



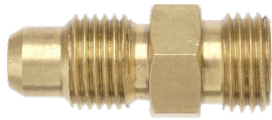
Filter Regulator Units

Order Code	Description
07073-FR04AD	72 Series 1/4" BSPP Filter / Regulator, Auto Drain 2280 Lpm
07073-FR04MD	72 Series 1/4" BSPP Filter / Regulator, Manual Drain 2280 Lpm
07073-FR06AD	73 Series 3/8" BSPP Filter / Regulator, Auto Drain 3480 Lpm

Airline Accessories

Order Code	Description
07001-02	1/8" Brass Flat Silencer
07001-04	1/4" Brass Flat Silencer
07001-06	3/8" Brass Flat Silencer
07001-08	1/2" Brass Flat Silencer
07001-12	3/4" Brass Flat Silencer
07001-16	1" Brass Flat Silencer
07002-02	1/8" BSP Dome Sintered Bronze Silencer
07002-04	1/4" BSP Dome Sintered Bronze Silencer
07002-06	3/8" BSP Dome Sintered Bronze Silencer
07002-08	1/2" BSP Dome Sintered Bronze Silencer
07002-16	1" BSP Dome Sintered Bronze Silencer
07072-AWB	72 Series Wall Mount Bracket





Fuel Filter Adaptors

Order Code	Description
06C-604	1/4" Hose x 1/2" 20 TPI Straight
06C-605	5/16" Hose x 1/2" 20 TPI Straight
06C-606	3/8" Hose x 1/2" 20 TPI Straight
06C-704	1/4" BSP x 1/2" 20 TPI Straight
06C-804	1/4" BSP x 1/2" 20 TPI Elbow



Thread Tape

Order Code	Description
24005-AU	12mm / 6m Plumbers Tape
24007	12mm / 15m Anti-Seize Tape
24010	12mm / 6m Gas Tape
24011	12mm / 10m Standard Tape
24012	12mm / 6.5m Stainless Steel Tape
24013	25mm / 10m Standard Tape



Pistol Grip Grease Gun

Order Code	Description
37480	500cc Grease Gun



Oil Suction Guns

Order Code	Description
37501	500cc Oil Suction Gun
37503	1000cc Oil Suction Gun



Engine Cleaning Gun

Order Code	Description
37600	Cleaning Gun Aluminium Pot



Plated Steel Grease Nipples BSF

Order Code	Part No.	Description
Y12001	No 1	1/4" Straight
Y12005	No 5	1/4" 45°
Y12008	No 8	1/4" 67.5°
Y12010	No 10	1/4" 90°
Y12012	No 12	5/16" Straight
Y12020	No 20	5/16" 67.5°



Plated Steel Grease Nipples BSP

Order Code	Part No.	Description
Y12029	No 29	1/8" Straight
Y12034	No 34	1/8" 45°
Y12039	No 39	1/8" 67.5°
Y12044	No 44	1/8" 90°
Y12046	No 46	1/8" 1Pc Std Button Hd
Y12048	No 48	1/4" Straight
Y12052	No 52	1/4" 45°
Y12056	No 56	1/4" 67.5°
Y12060	No 60	1/4" 90°



Plated Steel Grease Nipples BSW

Order Code	Part No.	Description
Y12002	No 2	1/4" Straight
Y12006	No 6	1/4" 45°
Y12009	No 9	1/4" 67.5°
Y12011	No 11	1/4" 90°



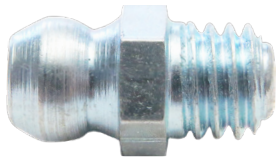
Plated Steel Grease Nipples NPT

Order Code	Part No.	Description
Y12028	No 28	1/8" Straight
Y12138	No 138	1/8" 45°
Y12037	No 37	1/8" 67.5°
Y12043	No 43	1/8" 90°
Y12047	No 47	1/8" Straight
Y12051	No 51	1/8" 45°
Y12059	No 59	1/4" 90°



Plated Steel Grease Nipples UNF

Order Code	Part No.	Description
Y12003	No 3	1/4" Straight
Y12007	No 7	1/4" 45°
Y12188	No 188	1/4" 67.5°
Y12107	No 107	1/4" 90°
Y12127	No 127	1/4" Straight – 15/16" long
Y12190	No 190	5/16" Straight
Y12195	No 195	3/8" Straight



Plated Steel Grease Nipples Metric

Order Code	Part No.	Description
Y12161	No 161	6mm x 1mm Straight
Y12168	No 168	6mm x 1mm 45°
Y12165	No 165	6mm x 1mm 90°
Y12163	No 163	6mm x 1mm Self Tapping
Y12162	No 162	8mm x 1mm Straight
Y12172	No 172	8mm x 1mm 45°
Y12169	No 169	8mm x 1mm 90°
Y12015	No 15	8mm x 1.25mm Straight
Y12173	No 173	8mm x 1.25mm 90°
Y12200	No 200	10mm x 1mm Straight
Y12203	No 203	10mm x 1mm 45°
Y12204	No 204	10mm x 1mm 90°
Y121010	No 1010	10mm x 1mm Std Button Hd
Y12205	No 205	10mm x 1.5mm Straight
Y12206	No 206	10mm x 1.5mm 45°



Plated Steel Grease Nipples Drive Fit

Order Code	Part No.	Description
Y12078	No 78	1/4" Drive Fit – with check
Y12077	No 77	1/4" Drive Fit – no check



Stainless Steel Grease Nipples BSP

Order Code	Part No.	Description
Y12029SS	No 29SS	1/8" Straight
Y12044SS	No 44SS	1/8" 90°
Y12048SS	No 48SS	1/4" Straight



Stainless Steel Grease Nipples UNF

Order Code	Part No.	Description
Y12003SS	No 3SS	1/4" Straight



Stainless Steel Grease Nipples Metric

Order Code	Part No.	Description
Y12161SS	No 161SS	6mm x 1mm Straight
Y12168SS	No 168SS	6mm x 1mm 45°
Y12200SS	No 200SS	10mm x 1mm Straight



40mm Dry Gauge – Bottom Entry

Order Code	Description
0804D-2250SB	250kPa – 1/8" BSPT Stainless Steel Case
0804D-2400SB	400kPa – 1/8" BSPT Stainless Steel Case
0804D-21000SB	1000kPa – 1/8" BSPT Stainless Steel Case



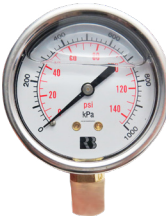
40mm Dry Gauge – Rear Entry

Order Code	Description
0804D-2250NSR	250kPa – 1/8" NPT Stainless Steel Case
0804D-2250SR	250kPa – 1/8" BSPT Stainless Steel Case
0804D-2400SR	400kPa – 1/8" BSPT Stainless Steel Case
0804D-21000SR	1000kPa – 1/8" BSPT Stainless Steel Case
0804D-41000SR	1000kPa – 1/4" BSPT Stainless Steel Case



50mm Dry Gauge – Bottom Entry

Order Code	Description
0805D-2800BB	800kPa – 1/8" BSPT Black Steel Case
0805D-4100SBV	-100kPa Vacuum – 1/4" BSPT Stainless Steel Case
0805D-4100SB	100kPa – 1/4" BSPT Stainless Steel Case
0805D-4250SBP	250kPa Swimming Pool – 1/4" BSPT Stainless Steel Case
0805D-4250SB	250kPa – 1/4" BSPT Stainless Steel Case
0805D-4400CB	400kPa – 1/4" BSPT Safety Case
0805D-4400SB	400kPa – 1/4" BSPT Stainless Steel Case
0805D-41000BB	1000kPa – 1/4" BSPT Black Steel Case
0805D-41000SB	1000kPa – 1/4" BSPT Stainless Steel Case
0805D-41600SB	1600kPa – 1/4" BSPT Stainless Steel Case
0805D-42500NSB	2500kPa – 1/4" NPT Stainless Steel Case



50mm Liquid Filled Gauge – Bottom Entry

Order Code	Description
0805L-4250SBP	250kPa Swimming Pool – 1/4" BSPT Stainless Steel Case
0805L-41600SB	1600kPa – 1/4" BSPT Stainless Steel Case



50mm Dry Gauge – Rear Entry

Order Code	Description
0805D-2100SRV	-100kPa Vacuum – 1/8" BSPT Stainless Steel Case
0805D-2400SR	400kPa – 1/8" BSPT Stainless Steel Case
0805D-2800SR	800kPa – 1/8" BSPT Stainless Steel Case
0805D-21000BR	1000kPa – 1/8" BSPT Black Steel Case
0805D-21000SR	1000kPa – 1/8" BSPT Stainless Steel Case
0805D-24000SR	4000kPa – 1/8" BSPT Stainless Steel Case
0805D-4250SR	250kPa – 1/4" BSPT Stainless Steel Case



63mm Dry Gauge – Bottom Entry

Order Code	Descrip
0806D-4100BBV	-100kPa Vacuum - 1/4" BSPT Black Steel Case
0806D-4400BB	400kPa – 1/4" BSPT Black Steel Case
0806D-41000BB	1000kPa – 1/4" BSPT Black Steel Case
0806D-41600BB	1600kPa – 1/4" BSPT Black Steel Case



63mm Liquid Filled Gauge – Bottom Entry

Order Code	Description
0806L-4100SBV	-100kPa Vacuum – 1/4" BSPT Stainless Steel Case
0806L-4100SB	100kPa – 1/4" BSPT Stainless Steel Case
0806L-4250SB	250kPa – 1/4" BSPT Stainless Steel Case
0806L-4400SB	400kPa – 1/4" BSPT Stainless Steel Case
0806L-4600SB	600kPa – 1/4" BSPT Stainless Steel Case
0806L-4800SB	800kPa – 1/4" BSPT Stainless Steel Case
0806L-41000SB	1000kPa – 1/4" BSPT Stainless Steel Case
0806L-41600SB	1600kPa – 1/4" BSPT Stainless Steel Case
0806L-42500SB	2500kPa – 1/4" BSPT Stainless Steel Case
0806L-44000SB	4000kPa – 1/4" BSPT Stainless Steel Case
0806L-46000SB	6000kPa – 1/4" BSPT Stainless Steel Case
0806L-48000SB	8000kPa – 1/4" BSPT Stainless Steel Case
0806L-410000SB	10000kPa – 1/4" BSPT Stainless Steel Case
0806L-416000SB	16000kPa – 1/4" BSPT Stainless Steel Case
0806L-425000SB	25000kPa – 1/4" BSPT Stainless Steel Case
0806L-440000SB	40000kPa – 1/4" BSPT Stainless Steel Case



63mm Dry Gauge – Rear Entry

Order Code	Description
0806D-41000BR	1000kPa – 1/4" BSPT Black Steel Case



63mm Liquid Filled Gauge – Rear Entry

Order Code	Description
0806L-4100SRV	-100kPa Vacuum – 1/4" BSPT Stainless Steel Case
0806L-4100SR	100kPa – 1/4" BSPT Stainless Steel Case
0806L-4600SR	600kPa – 1/4" BSPT Stainless Steel Case
0806L-4800SR	800kPa – 1/4" BSPT Stainless Steel Case
0806L-41000SR	1000kPa – 1/4" BSPT Stainless Steel Case
0806L-41600SR	1600kPa – 1/4" BSPT Stainless Steel Case
0806L-42500SR	2500kPa – 1/4" BSPT Stainless Steel Case
0806L-44000SR	4000kPa – 1/4" BSPT Stainless Steel Case
0806L-46000SR	6000kPa – 1/4" BSPT Stainless Steel Case
0806L-48000SR	8000kPa – 1/4" BSPT Stainless Steel Case
0806L-416000SR	16000kPa – 1/4" BSPT Stainless Steel Case
0806L-425000SR	25000kPa – 1/4" BSPT Stainless Steel Case
0806L-440000SR	40000kPa – 1/4" BSPT Stainless Steel Case



100mm Dry Gauge – Bottom Entry – Single Scale – kPa Only

Order Code	Description
0810D-6100BBV	-100kPa Vacuum – 3/8" BSPT Black Steel Case
0810D-6400BB	400kPa – 3/8" BSPT Black Steel Case
0810D-64000BB	4000kPa – 3/8" BSPT Black Steel Case



100mm Liquid Filled Gauge – Bottom Entry

Order Code	Description
0810L-6100SBV	-100kPa Vacuum – 3/8" BSPT Stainless Steel Case
0810L-6250SB	250kPa – 3/8" BSPT Stainless Steel Case
0810L-6400SB	400kPa – 3/8" BSPT Stainless Steel Case
0810L-6800SB	800kPa – 3/8" BSPT Stainless Steel Case
0810L-61000SB	1000kPa – 3/8" SPT Stainless Steel Case
0810L-61600SB	1600kPa – 3/8" BSPT Stainless Steel Case
0810L-62500SB	2500kPa – 3/8" BSPT Stainless Steel Case



Accessories

Order Code	Description
0805-FF	Front Flange 50mm
0806-RB	Rubber Boot for 63mm Gauge
0804-PMK	Panel Mount Kit 40mm
0805-PMK	Panel Mount Kit 50mm
0806-PMK	Panel Mount Kit 63mm

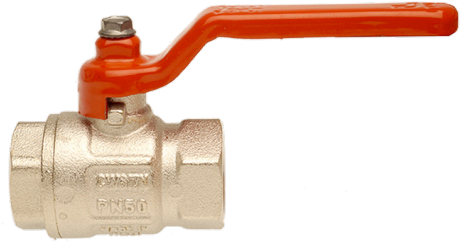
Ideal Series – Full Bore, Brass Ball Valve

Media/Application

- ✓ Industrial, pneumatic, domestic and hydraulic installations
- ✓ Air
- ✓ Water (non-drinking)
- ✓ Petrol
- ✓ Oil

Operating Temperature

-15°C to +150°C in absence of steam



Construction:

Body

Nickel plated brass

Standard Packing Material

Teflon (P.T.F.E.)

Ball

Chrome plated brass

Lever Handle

Red varnished steel with zinc plated bolt

Stem

Brass

Pipe Thread

Tapered Male (R Series) Parallel Female (Rp Series)

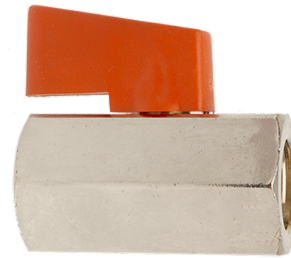
Mini Series – Reduced Bore Brass Ball Valve

Media/Application

- ✓ Industrial, pneumatic, domestic and hydraulic installations
- ✓ Air
- ✓ Water (non-drinking)
- ✓ Petrol
- ✓ Oil

Operating Temperature

-15°C to +90°C



Construction:

Body

Nickel plated brass

Standard Packing Material

Teflon (P.T.F.E.)

Ball

Chrome plated brass

Butterfly Handle

Red Nylon 6.6 with zinc plated bolt

Stem

Brass

Pipe Thread Standard

AS 1722.2 (G series)

Berlin Series Gas Approved, Full Bore, Brass Ball Valve

Media/Application

- ✓ Industrial, pneumatic, domestic and hydraulic installations
- ✓ Gas
- ✓ Air
- ✓ Water (non-drinking)
- ✓ Steam
- ✓ Petrol
- ✓ Oil

Operating Temperature

-20°C to +60°C

Construction:

Body

Nickel plated brass

Standard Packing Material

Teflon (P.T.F.E.)

Ball

Chrome plated brass

Lever Handle

Yellow varnished steel with zinc plated bolt

Butterfly Handle

Yellow aluminium with zinc plated bolt

Stem

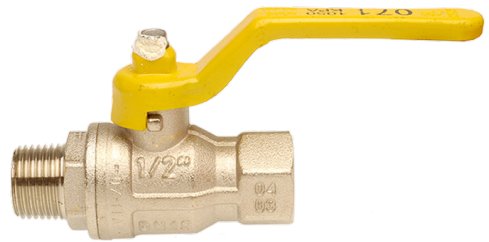
Brass

Pipe Thread

Tapered Male (R Series) Parallel Female (Rp Series)

A.G.A Approval

5256 to 1050kPa all sizes



Three-Way Reduced Bore, Brass Ball Valve, L Port

Media/Application

- ✓ Industrial, pneumatic, domestic and hydraulic installations
- ✓ Air
- ✓ Water (non-drinking)
- ✓ Petrol
- ✓ Oil

Operating Temperature

-15°C to +150°C in absence of steam



Construction:

Body

Nickel plated brass

Standard Packing Material

Teflon (P.T.F.E.)

Ball

Chrome plated brass

Lever Handle

Red aluminium with zinc plated bolt

Stem

Brass

Pipe Thread Standard

AS 1722.2 (G series)

Gar Ball Bibcock with Hose-End

Media/Application

- ✓ Industrial, pneumatic, domestic and hydraulic installations
- ✓ Air
- ✓ Water (non-drinking)
- ✓ Petrol
- ✓ Oil

Operating Temperature

-20°C to +80°C



Construction:

Body

Nickel plated brass

Standard Packing Material

Teflon (P.T.F.E.)

Ball

Chrome plated brass

Lever Handle

Red varnished steel with zinc plated bolt

Stem

Brass

Pipe Thread Standard

AS 1722.2 (G series)

Hose Fitting

Nickel plated brass nut & polymer hose end

Total Series – Gas Approved, Full Bore, Brass Ball Valve

Media/Application

- ✓ Industrial, pneumatic, domestic and hydraulic installations
- ✓ Gas
- ✓ Air
- ✓ Water (non-drinking)
- ✓ Steam
- ✓ Petrol
- ✓ Oil

Operating Temperature

-20°C to +150°C

Construction:

Body

Nickel plated brass

Standard Packing Material

Teflon (P.T.F.E.)

Ball

Chrome plated brass

Lever Handle

Black die cast aluminium (polyurethane coated)
with zinc plated bolt

Stem

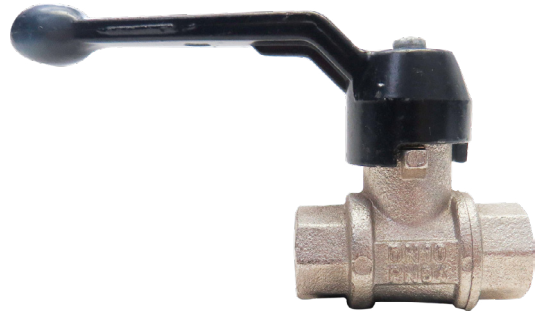
Brass

Pipe Thread

BSP Parallel female (Rp Series)

A.G.A. Approval

5301



Hipress Series – High Pressure, Reduced Bore, Brass Ball Valve

Media/Application

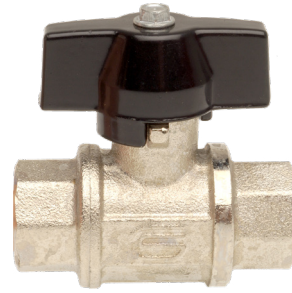
- ✓ Industrial, pneumatic, domestic and hydraulic installations
- ✓ Water
- ✓ Air
- ✓ Petrol
- ✓ Oil

Operating Temperature

-20°C to +80°C

Maximum Pressure

21000kPa



Construction:

Body

Nickel plated brass

Standard Packing Material

Acetic resin / viton O-Ring

Ball

Chrome plated brass

Butterfly Handle

Black die cast aluminium (polyurethane coated)
with zinc plated nut

Stem

Brass

Pipe Thread

BSP Parallel female (Rp Series)

Triflux Three-Way T Port Brass Ball Valve, Full Bore, Gas Approved

Media/Application

- ✓ Industrial, pneumatic, domestic and hydraulic installations
- ✓ Gas
- ✓ Air
- ✓ Water (non-drinking)
- ✓ Petrol
- ✓ Oil

Operating Temperature

-10°C to +120°C



Construction:

Body

Nickel plated brass

Standard Packing Material

Teflon (PT.F.E.)

Ball

Chrome plated brass

Lever Handle

Powder Coated Aluminium

Stem

Brass

Pipe Thread

BSP Parallel female (Rp Series)

A.G.A. Approval

5301

316 Grade Stainless Steel Ball Valves

Media/Application

- ✓ Industrial, pneumatic, domestic and hydraulic installations
- ✓ Air
- ✓ Water (non-drinking)
- ✓ Steam
- ✓ Petrol
- ✓ Oil

Operating Temperature

0°C to +220°C



Construction:

Body

316 Stainless steel

Note: Available in 1, 2 & 3 piece configurations

Standard Packing Material

Teflon (PT.F.E.)

Ball

316 Stainless steel

Lever Handle

PVC Coated 304 stainless steel

Stem

316 Stainless steel

Bolts, Nuts and Spring Washers

316 Stainless steel

Pipe Thread Standard

Female AS 1722.2 (G Series)

Note

NPT Threaded option available on some 2 and 3 piece valves.

Brass Gate Valve – Untested

Media/Application

- ✓ Industrial, pneumatic, domestic and hydraulic installations
- ✓ Water (non-drinking)

Operating Temperature

0°C to +60°C

Construction:

Body

Brass

Standard Packing Material

Dutral EPDM Rubber

Stem

Red varnished steel with zinc plated nut

Hand Wheel

Brass

Seat

Brass



Swing Check Valve – Untested

Media/Application

- ✓ Industrial, domestic and hydraulic installations
- ✓ Water (non-drinking)

Operating Temperature

0°C to +60°C



Construction:

Body

Brass

Standard Packing Material

Nitrilic rubber NBR 65

Pipe Thread Standard

AS 1722.2 (G series)

York Check & Foot Valve

Media/Application

- ✓ Industrial, domestic and hydraulic installations
- ✓ Air
- ✓ Water (non-drinking)

Operating Temperature

0°C to +80°C



Construction:

Body

Brass

Standard Packing Material

Nitrilic rubber NBR 65

Stem

Nylon 6.6

Spring

304 Stainless Steel

Filter Mesh

304L Stainless Steel

Filter Thread

Nylon 6.6

Pipe Thread Standard

AS 1722.2 (G Series)

Note

To convert a check valve to a foot valve, simply mate equivalent sized valve and filter.

Needle Valves

Media/Application

- ✓ Industrial, pneumatic, domestic and hydraulic installations
- ✓ Gas*
- ✓ Air
- ✓ Water (non-drinking)
- ✓ Petrol
- ✓ Oil

Operating Temperature

0°C to +90°C



Construction:

Body

DR Brass

Standard Packing Material

Viton

Handle

DR Brass

Stem

DR Brass

Pipe Thread

Tapered Male (R Series) Parallel Female (Rp Series)

A.G.A Approval

- 4104
- *Compression type or barb type needle valves are not recommended, or approved, for use with gas.

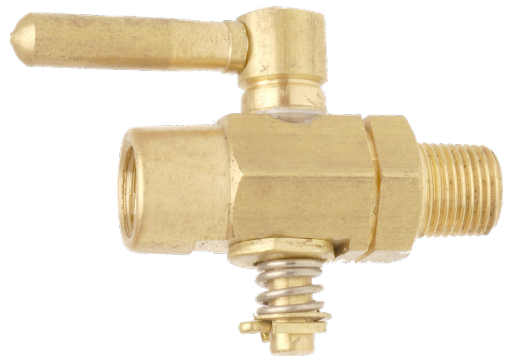
Lever Taps

Media/Application

- ✓ Industrial, pneumatic, domestic and hydraulic installations
- ✓ Air
- ✓ Water (non-drinking)
- ✓ Petrol
- ✓ Oil

Operating Temperature

0°C to +60°C



Construction:

Body

Brass

Lever Handle

Brass

Stem

DR Brass

Standard Lubricant

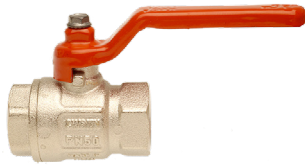
Graphite Grease

Pipe Thread

Tapered Male (R Series) Parallel Female (Rp Series)

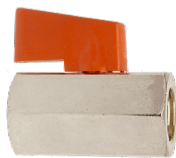
Note

Not recommended or approved for use with gas.



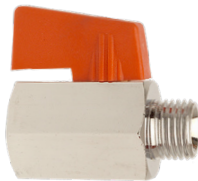
Ideal Series – F & F Full Bore Brass Ball Valve

Order Code	Size	Maximum Pressure
47026-04	1/4" BSP	4900kPa
47026-06	3/8" BSP	4900kPa
47026-08	1/2" BSP	4900kPa
47026-12	3/4" BSP	3900kPa
47026-16	1" BSP	3900kPa
47026-20	1 1/4" BSP	2950kPa
47026-24	1 1/2" BSP	2950kPa
47026-32	2" BSP	2480kPa
47026-40	2 1/2" BSP	1790kPa
47026-48	3" BSP	1580kPa
47026-64	4" BSP	1380kPa



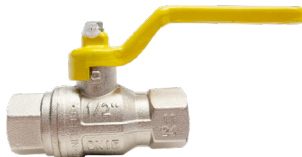
Mini Series – F & F Reduced Bore Ball Valve

Order Code	Size	Maximum Pressure
47026-02M	1/8" BSP	1500kPa
47026-04M	1/4" BSP	1500kPa
47026-06M	3/8" BSP	1500kPa
47026-08M	1/2" BSP	1500kPa



Mini Series – M & F Reduced Bore Ball Valve

Order Code	Size	Maximum Pressure
47072-02M	1/8" BSP	1500kPa
47072-04M	1/4" BSP	1500kPa
47072-06M	3/8" BSP	1500kPa
47072-08M	1/2" BSP	1500kPa



Berlin series – F & F Full Bore Brass Ball Valve – Lever Handle

Order Code	Size	Maximum Pressure
47026-04G	1/4" BSP	4900kPa
47026-06G	3/8" BSP	4900kPa
47026-08G	1/2" BSP	4900kPa
47026-12G	3/4" BSP	3900kPa
47026-16G	1" BSP	3900kPa
47026-20G	1 1/4" BSP	2950kPa
47026-24G	1 1/2" BSP	2950kPa
47026-32G	2" BSP	2480kPa



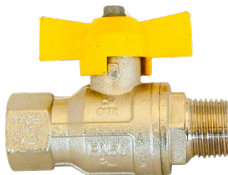
Berlin Series – M & F Full Bore Brass Ball Valve – Lever Handle

Order Code	Size	Maximum Pressure
47072-04G	1/4" BSP	4900kPa
47072-06G	3/8" BSP	4900kPa
47072-08G	1/2" BSP	4900kPa
47072-12G	3/4" BSP	3900kPa
47072-16G	1" BSP	3900kPa
47072-20G	1 1/4" BSP	2950kPa
47072-24G	1 1/2" BSP	2950kPa
47072-32G	2" BSP	2480kPa



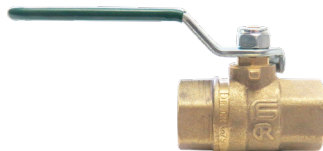
Berlin Series – F & F Full Bore Brass Ball Valve

Order Code	Size	Maximum Pressure
47026-04BG	1/4" BSP	4900kPa
47026-06BG	3/8" BSP	4900kPa
47026-08BG	1/2" BSP	4900kPa
47026-12BG	3/4" BSP	3900kPa
47026-16BG	1" BSP	3900kPa



Berlin Series – M & F Full Bore Brass Ball Valve

Order Code	Size	Maximum Pressure
47072-04BG	1/4" BSP	4900kPa
47072-06BG	3/8" BSP	4900kPa
47072-08BG	1/2" BSP	4900kPa
47072-12BG	3/4" BSP	3900kPa
47072-16BG	1" BSP	3900kPa



Isis Series – F & F Full Bore Brass Ball Valve

Order Code	Size	Maximum Pressure
47026-04DR	1/4" BSP	4000kPa
47026-06DR	3/8" BSP	4000kPa
47026-08DR	1/2" BSP	4000kPa
47026-12DR	3/4" BSP	4000kPa
47026-16DR	1" BSP	4000kPa
47026-20DR	1 1/4" BSP	2500kPa
47026-24DR	1 1/2" BSP	2500kPa
47026-32DR	2" BSP	2500kPa



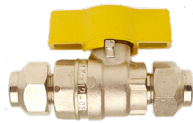
Isis Series – F & F Full Bore Brass Ball Valve

Order Code	Size	Maximum Pressure
47026-06DREXT	3/8" BSP	4000kPa
47026-08DREXT	1/2" BSP	4000kPa



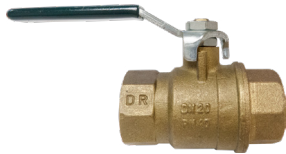
Total Series – F & F Full Bore Brass Ball Valve

Order Code	Size	Maximum Pressure
47026-02T	1/8" BSP	10000kPa
47026-04T	1/4" BSP	10000kPa
47026-06T	3/8" BSP	10000kPa
47026-08T	1/2" BSP	10000kPa
47026-12T	3/4" BSP	10000kPa
47026-16T	1" BSP	10000kPa
47026-20T	1 1/4" BSP	10000kPa
47026-32T	2" BSP	4000kPa



Flare x Flare AGA Approved Gas Cock

Order Code	Tube	Thread Form	Maximum Pressure
47017-05	5/16"	SAE	4000kPa
47017-06	3/8"	BSP	4000kPa
47017-08	1/2"	BSP	4000kPa
47017-12	3/4"	BSP	4000kPa



Watermarked DZR – F & F Full Bore Brass Ball

Order Code	Size	Maximum Pressure
47026-08WDR	1/2" BSP	4000kPa
47026-12WDR	3/4" BSP	4000kPa
47026-16WDR	1" BSP	4000kPa



Hipress Series – F & F Reduced Bore Brass Valve

Order Code	Size	Maximum Pressure
47026-06HP	3/8" BSP	21000kPa
47026-08HP	1/2" BSP	21000kPa



Gar Ball Bibcock With Hose End

Order Code	Hose X BSP	Maximum Pressure
47064-0806	1/2" x 3/8"	1500kPa
47064-1008	5/8" x 1/2"	1500kPa
47064-1212	3/4" x 3/4"	1500kPa
47064-1616	1" x 1"	1170kPa



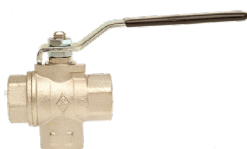
Triflux Full Bore 3 Way Ball Valve Side Entry T-Port

Order Code	Size	Maximum Pressure
47035-04TRI	1/4" BSP	4000kPa
47035-08TRI	1/2" BSP	4000kPa



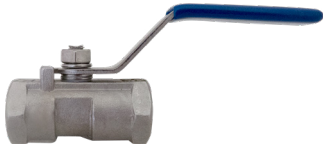
3 Way Ball Valve – Side Entry L-Port

Order Code	Size	Maximum Pressure
47035-04SEL	1/4" BSP	2480kPa
47035-06SEL	3/8" BSP	2480kPa
47035-08SEL	1/2" BSP	2480kPa
47035-12SEL	3/4" BSP	2480kPa
47035-16SEL	1" BSP	2480kPa
47035-20SEL	1 1/4" BSP	2480kPa
47035-24SEL	1 1/2" BSP	2480kPa
47035-32SEL	2" BSP	2480kPa



3 Way Ball Valve – Bottom Entry L-Port

Order Code	Size	Maximum Pressure
47035-04BEL	1/4" BSP	1600kPa
47035-06BEL	3/8" BSP	1600kPa
47035-08BEL	1/2" BSP	1600kPa
47035-12BEL	3/4" BSP	1600kPa



1 – Piece Stainless Steel – Reduced Bore Ball Valve

Order Code	Size	Maximum Pressure
711026-04	1/4" BSP	7000kPa
711026-06	3/8" BSP	7000kPa
711026-08	1/2" BSP	7000kPa
711026-12	3/4" BSP	7000kPa
711026-16	1" BSP	7000kPa
711026-20	1 1/4" BSP	7000kPa
711026-24	1 1/2" BSP	4900kPa
711026-32	2" BSP	4900kPa



2 – Piece Stainless Steel – Full Bore Ball Valve

Order Code	Size	Maximum Pressure
712026-04	1/4" BSP	8600kPa
712026-06	3/8" BSP	8600kPa
712026-08	1/2" BSP	8600kPa
712026-12	3/4" BSP	8600kPa
712026-16	1" BSP	7100kPa
712026-24	1 1/2" BSP	7100kPa
712026-32	2" BSP	6200kPa



3 – Piece Stainless Steel – Full Bore Ball Valve

Order Code	Size	Maximum Pressure
713026-06	3/8" BSP	8600kPa
713026-08	1/2" BSP	8600kPa
713026-12	3/4" BSP	8600kPa
713026-16	1" BSP	7100kPa
713026-20	1 1/4" BSP	7100kPa
713026-24	1 1/2" BSP	7100kPa
713026-32	2" BSP	6200kPa



Brass Gate Valve – Untested

Order Code	Size	Maximum Pressure
23003-08	1/2" BSP	820kPa
23003-12	3/4" BSP	820kPa
23003-16	1" BSP	820kPa
23003-20	1 1/4" BSP	820kPa
23003-24	1 1/2" BSP	820kPa
23003-32	2" BSP	820kPa



Swing Check Valve

Order Code	Size	Maximum Pressure
23004-08	1/2" BSP	1170kPa
23004-12	3/4" BSP	1170kPa
23004-16	1" BSP	1170kPa
23004-20	1 1/4" BSP	960kPa
23004-24	1 1/2" BSP	960kPa
23004-32	2" BSP	960kPa



York Check & Foot Valves

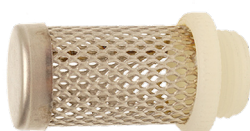
Order Code	Size	Maximum Pressure
23151-06	3/8" BSP	1170kPa
23151-08	1/2" BSP	1170kPa
23151-12	3/4" BSP	1170kPa
23151-16	1" BSP	1170kPa
23151-20	1 1/4" BSP	960kPa
23151-24	1 1/2" BSP	960kPa
23151-32	2" BSP	960kPa
23151-40	2 1/2" BSP	750kPa
23151-48	3" BSP	750kPa
23151-64	4" BSP	750kPa

To convert a check valve to a foot valve, simply mate equivalent sized valve and strainer



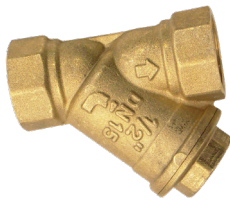
Valstop Check Valves – C/W Viton O-Ring

Order Code	Size	Maximum Pressure
23151-04V	1/4" BSP	4800kPa
23151-06V	3/8" BSP	4800kPa
23151-08V	1/2" BSP	4000kPa
23151-12V	3/4" BSP	3500kPa
23151-16V	1" BSP	3000kPa
23151-24V	1 1/2" BSP	2500kPa
23151-32V	2" BSP	2000kPa



York Check & Foot Valves – Strainer Only

Order Code	Size
23154-06	3/8" BSP
23154-08	1/2" BSP
23154-12	3/4" BSP
23154-16	1" BSP
23154-20	1 1/4" BSP
23154-24	1 1/2" BSP
23154-32	2" BSP
23154-40	2 1/2" BSP
23154-48	3" BSP
23154-64	4" BSP



"Y" Strainer

Order Code	Size	Maximum Pressure
23075-04	1/4" BSP	2000kPa
23075-06	3/8" BSP	2000kPa
23075-08	1/2" BSP	2000kPa
23075-12	3/4" BSP	2000kPa
23075-16	1" BSP	2000kPa
23075-20	1 1/4" BSP	2000kPa
23075-24	1 1/2" BSP	2000kPa
23075-32	2" BSP	2000kPa
23075-48	3" BSP	1580kPa



Drain Cock External Seat

Order Code	Description
6788	1/4" NPT External Seat Drain Cock



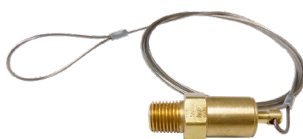
Drain Cock Internal Seat

Order Code	Description
140-AU	1/4" NPT Internal Seat Drain Cock



90° Bib Drain Cock

Order Code	Description
120	1/4" NPT 90° Angle Bib Drain Cock



Air Tank Drain Valve

Order Code	Description
1421-60	1/4" NPT Air Tank Drain Valve Looped
1421-60A	1/4" NPT Air Tank Drain Valve Non-Looped



Drain Valve

Order Code	Description
1425A	1/4" NPT Internal Seat Drain Valve



30 Drain Cock

Order Code	Size	Maximum Pressure
043030-02	1/8" BSP	3500kPa
043030-04	1/4" BSP	3500kPa
043030-06	3/8" BSP	3500kPa
043030-08	1/2" BSP	3500kPa



30 Drain Cock – NPT

Order Code	Size	Maximum Pressure
135	1/8" NPT	1000kPa
145	1/4" NPT	1000kPa
270-AU	3/8" NPT	1000kPa



406 Safety Valve

Order Code	Size
046406-1035-04	1/4" BSP
046406-1035-08	1/2" BSP
046406-1035-04C	1/4" BSP w/ Workshop Cert.
046406-1035-08C	1/2" BSP w/ Workshop Cert.



Tank Valves – Schrader

Order Code	BSP
067-9392	1/8" BSP Male with Cap
067-9393	1/8" BSP Male with Cap-Extended



Hose Shut Off Valve

Order Code	Description
1423	5/8" x 3/8" NPT 90° Hose Shut Off Valve
1451	3/4" x 1/2" NPT 90° Hose Shut Off Valve



Hose Drain Cock

Order Code	Description
211280A	5/8" x 3/8" NPT 90° Hose Drain Cock



Hose Truck Valve

Order Code	Description
7504	5/8" x 3/8" NPT 90° Truck Valve
7502	5/8" x 1/2" NPT 90° Truck Valve



M & F Truck Valve

Order Code	Description
7509	3/8" x 3/8" M&F NPT 90° Truck Valve
7508	1/2" x 1/2" M&F NPT 90° Truck Valve



NV104 Female Needle Valve

Order Code	Size	Maximum Pressure
041026-02	1/8" BSP	2600kPa
041026-04	1/4" BSP	2600kPa
041026-06	3/8" BSP	2600kPa



NV105 Male Needle Valve

Order Code	Size	Maximum Pressure
041027-02	1/8" BSP	2600kPa
041027-04	1/4" BSP	2600kPa



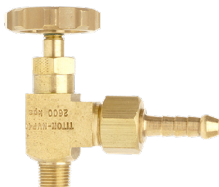
NV404/808 Male & Female Needle Valve

Order Code	Size	Maximum Pressure
041072-02	1/8" BSP	2600kPa
041072-04	1/4" BSP	2600kPa



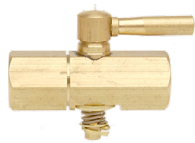
NV41 – Compression Needle Valve

Order Code	Tube x BSP	Maximum Pressure
041005-0402	1/4" x 1/8"	2600kPa
041005-0604	3/8" x 1/4"	2600kPa



NVP40 – Barb Needle Valve

Order Code	Hose x BSP	Maximum Pressure
041606-0402	1/4" x 1/8"	2600kPa
041606-0604	3/8" x 1/4"	2600kPa



104 Female Lever Tap

Order Code	Size	Maximum Pressure
042026-02	1/8" BSP	410kPa
042026-04	1/4" BSP	410kPa



404/808 Male & Female Lever Tap

Order Code	Size	Maximum Pressure
042072-02	1/8" BSP	410kPa
042072-04	1/4" BSP	410kPa



DB1 Bent Drain Tap

Order Code	Size	Maximum Pressure
042064-B02	1/8" BSP	410kPa
042064-B04	1/4" BSP	410kPa
042064-B04C	1/4" BSP Chrome	410kPa
042064-B05	5/16" Wood Screw	410kPa
042064-B06	3/8" BSP	410kPa
042064-B06C	3/8" BSP Chrome	410kPa



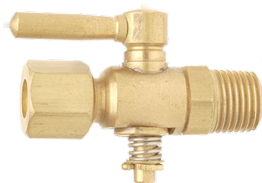
DT3 Drain Tap

Order Code	Size	Maximum Pressure
042064-02	1/8" BSP	410kPa
042064-04	1/4" BSP	410kPa
042064-06	3/8" BSP	410kPa



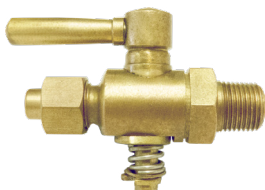
JT3 Hose Tap

Order Code	Tube x BSP	Maximum Pressure
042603-0302	3/16" x 1/8"	410kPa
042603-0402	1/4" x 1/8"	410kPa
042603-0602	3/8" x 1/8"	410kPa



CT3 Compression Tap

Order Code	Tube x BSP	Maximum Pressure
042003-0402	1/4" x 1/8"	410kPa
042003-0404	1/4" x 1/4"	410kPa



T3/T6 Solder On Tap

Order Code	Tube x BSP	Maximum Pressure
042046-0404	1/4" x 1/4"	410kPa
042046-0806	1/2" x 3/8"	410kPa
042046-0808	1/2" x 1/2"	410kPa

Clear Vinyl Tube (CVT) (Technical Information)

Media / Application

- ✓ Low pressure food or beverage lines, general delivery or drainage lines and cable protection
- ✓ Foodstuff
- ✓ Air
- ✓ Fluids
- ✓ Petrol
- ✓ Oil



Operating Temperature

-20°C to +60°C

Colour

Clear (blue tint)

Design Features

Non-toxic, does not taint liquids, clear for ease of inspection, light weight and flexible

Australian Standard

2070 (food contact)

Note

Recommended safety factor of 4:1 at 20°C

Uniflex Air Line Hose (Reinforced PVC) (Technical Information)

Media / Application

- ✓ Air tools, general pneumatic lines, non-drinking water lines
- ✓ Air
- ✓ Water

Operating Temperature

-20°C to +60°C

Colour

Blue

Design Features

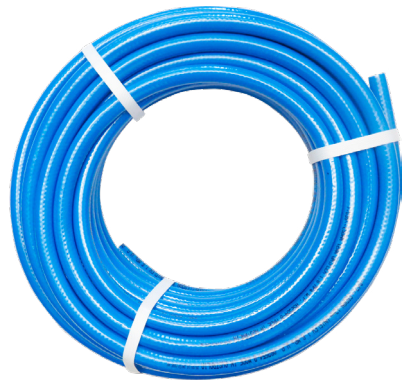
Remains flexible at very low temperatures, good weathering properties, high abrasion resistance, braided for added strength

Australian Standard

2554 Class B

Note

Recommended safety factor of 4:1 at 20°C



Petrol Resistant/Food Contact Hose (Reinforced PVC) (Technical Information)

Media/Application

- ✓ Fuel lines, general pneumatic lines, food and water lines
- ✓ Petrol (Suitable for fuel transfer only)
- ✓ Oil
- ✓ Foodstuff
- ✓ Air
- ✓ Petrol

Operating Temperature

0°C to +60°C

Colour

Clear (red and gold identification spiral)

Design Features

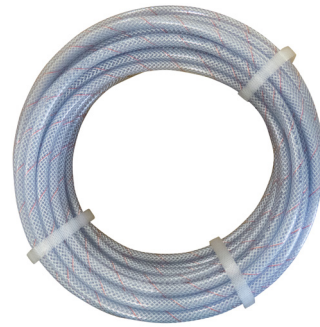
High abrasion resistance, good weathering properties, incredibly versatile, braided for added strength.

Australian Standard

AS 2070 (food contact)

Note

Recommended safety factor of 4:1 at 20°C.



Blueline Flexible Nylon Tube – Imperial (Nylon 12) (Technical Information)

Working Pressure

250psi

Media / Application

- ✓ Fuel, pneumatic, hydraulic and drainage lines, and cable protection
- ✓ Air
- ✓ Petrol
- ✓ Oil
- ✓ Diesel
- ✓ Grease
- ✓ Brake Fluid
- ✓ Water (non-drinking)

Operating Temperature

-20°C to +80°C

Colour

Black and Natural on request include Red, Green Blue and Yellow

Note

1. Recommended safety factor of 4:1 at 20°C. Recommended tube spigot for use with No. 100 universal sleeve 05100.
2. Manufactured using heat and light stabilised Nylon 12.



Blueline Flexible Nylon Tube – Metric (Nylon 12) (Technical Information)

Working Pressure

2000kPa

Media / Application

- ✓ Fuel, pneumatic and hydraulic lines, and cable protection
- ✓ Air
- ✓ Petrol
- ✓ Oil
- ✓ Diesel
- ✓ Grease
- ✓ Brake Fluid
- ✓ Water (non-drinking)

Operating Temperature

-20°C to +80°C

Colour

- Black and Natural
- Others available on request Red, Green Blue and Yellow

Note

1. Recommended safety factor of 4:1 at 25°C. Recommended tube spigot for use with No. 100 universal sleeve 32100.
2. Manufactured using heat and light stabilised Nylon 12.



Yellowline Semi-Rigid Nylon Tube – Imperial (Nylon 12)(Technical Information)

Working Pressure

625psi

Media / Application

- ✓ Fuel lines, pneumatic and hydraulic lines
- ✓ Air
- ✓ Petrol
- ✓ Oil
- ✓ Diesel
- ✓ Grease
- ✓ Brake Fluid
- ✓ Water (non-drinking)

Operating Temperature

-20°C to +80°C

Colour

Black only

Note

1. Recommended safety factor of 4:1 at 25°C. Recommended tube spigot for use with No. 100 universal sleeve 05100 – YL.
2. Manufactured using heat and light stabilised Nylon 12.



Self Store Recoil Nylon Hose – Imperial (Nylon 12) (Technical Information)

Working Pressure

1/4" & 3/8" 180psi

1/2" 150psi

Operating Temperature

-20°C to +80°C

Media / Application

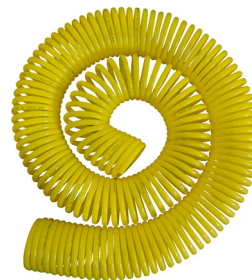
- ✓ Pneumatic hand tools, robotics, tyre pressure lines, and wash down areas
- ✓ Air
- ✓ Water (non-drinking)

Colour

Yellow

Note

Recommended safety factor of 4:1 at 25°C. Recoil hose and fittings should be ordered separately. Recommended fittings sold per hose end 06775.



J844 Air Brake Nylon Tube – Imperial (Nylon 12) (Technical Information)

Working Pressure

150psi

Media/Application

- ✓ Air brake and auxiliary systems, fuel lines
- ✓ Air
- ✓ Petrol

Operating Temperature

-40°C to +93°C

Colour

Black, Red, Blue

Standards

- SAE J844 Type A: Single Wall (1/8" to 5/16" O.D.)
- SAE J844 Type B: Twin Wall Reinforced
Imperial (3/8" to 3/4" O.D.)
Metric (10mm & 12mm O.D.)

Note

1. Recommended safety factor of 4:1 at 20°C. Recommended tube spigot for use with No. 100 universal sleeve 34099 – BR.
2. Manufactured using heat and light stabilised Nylon 12.



DIN 74324 Air Brake Nylon Tube – Metric (Nylon 12) (Technical Information)

Working Pressure

1020kPa

Media/Application

- ✓ Air and auxiliary systems, fuel lines.
- ✓ Air
- ✓ Petrol
- ✓ Water

Operating Temperature

-40°C to +93°C

Colour

Black, Red, Blue

Standards

DIN 74324 – Single Wall

Note

1. Recommended safety factor of 4:1 at 25°C.
2. Manufactured using heat and light stabilised Nylon 12.



Low Density Polyethylene (Technical Information)

Our Low Density Polyethylene tube is suitable for transfer of air and liquids in industrial applications. Used in specialised testing applications, LDPE offers great flexibility and cost efficiency. It is often a suitable alternative to Nylon.

Applications

Low-pressure pneumatics, chemical lines, water sampling, control tubes, spraying tubes, gas vent and extraction lines.

Industries

- Agriculture
- Beverage
- Chemical
- Gas
- Geotechnical
- Mining
- Pneumatics
- Printing

Operating Temperature

0°C to +60°C

Working Pressure

120psi / 825kPa at 20°C

Colour

Black

Construction

Single Wall

Note

1. Recommended safety factor of 3:1 at 25°C.
2. Working pressure reduces with elevated temperatures.



Suzi Coil (J844 Nylon 12) (Technical Information)

Working Pressure

150psi

Media / Application

- ✓ Air transfer point between prime mover and trailer
- ✓ Air

Operating Temperature

-20°C to +93°C

Colour

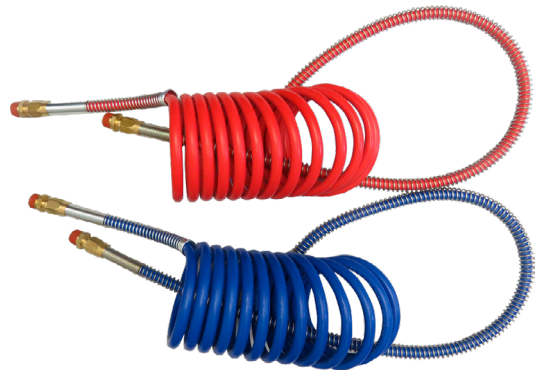
1 x Red coil and 1 x Blue coil

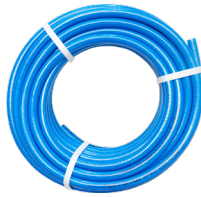
Standards

SAE J844 Type B – Reinforced

Note

1. Recommended safety factor of 4:1 at 25°C. Suzi Coils are supplied with fittings and springs.
2. Manufactured using heat and light stabilised Nylon.





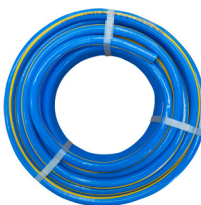
Uniflex Airline Hose (Reinforced PVC)

Order Code	NOM ID	NOM OD	Working Pressure	Burst Pressure	Coil Length
13904-04	1/4" (6mm)	12.4mm	1600kPa	6400kPa	20m
13904-06	3/8" (10mm)	16.4mm	1600kPa	6400kPa	20m
13904-08	1/2" (12mm)	18.9mm	1600kPa	6400kPa	20m
13904-100-04	1/4" (6mm)	12.4mm	1600kPa	6400kPa	100m
13904-100-06	3/8" (10mm)	16.4mm	1600kPa	6400kPa	100m
13904-100-08	1/2" (12mm)	18.9mm	1600kPa	6400kPa	100m
13904-300-06	3/8" (10mm)	16.4mm	1600kPa	6400kPa	300m



Uniflex Airline Hose Assemblies

Order Code	NOM ID	Hose Length	Fitting style	Coupling	Adaptor
13904-20-06N	3/8" (10mm)	20m	Nitto	30SH	30PH
13904-20-06R	3/8" (10mm)	20m	Ryco	24IS	206AS
13904-30-06N	3/8" (10mm)	30m	Nitto	30SH	30PH



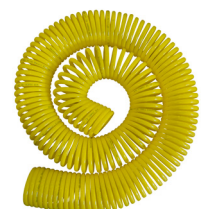
Uniflex Airline Hose (Reinforced PVC) – Yellow Stripe

Order Code	NOM ID	NOM OD	Working Pressure	Burst Pressure	Coil Length
13904-06S	3/8" (10mm)	16.4mm	1600kPa	6400kPa	20m
13904-08S	1/2" (12mm)	18.9mm	1600kPa	6400kPa	20m



Petrol Resistant/Food Contact Hose (Reinforced PVC)

Order Code	NOM ID	NOM OD	Working Pressure	Burst Pressure	Coil Length
13350-04	1/4" (6mm)	11.0mm	1600kPa	6400kPa	20
13350-05	5/16" (8mm)	13.0mm	1600kPa	6400kPa	20
13350-06	3/8" (10mm)	17.0mm	1600kPa	6400kPa	20
13350-08	1/2" (12mm)	18.1mm	1600kPa	6400kPa	20
13350-10	5/8" (16mm)	22.0mm	1600kPa	6400kPa	20
13350-12	3/4" (19mm)	27.6mm	1600kPa	6400kPa	20
13350-16	1" (25mm)	33.5mm	1600kPa	6400kPa	20
13350-100-06	3/8" (10mm)	17.0mm	1600kPa	6400kPa	100
13350-100-08	1/2" (12mm)	18.1mm	1600kPa	6400kPa	100



Self Store – Recoil Nylon Hose

Order Code	Reel Length	NOM ID	Working Length	Working Pressure	Burst Pressure
16077-04	30m	1/4"	28m	180psi	720psi
16077-06	30m	3/8"	26m	180psi	720psi
16077-08	30m	1/2"	23m	150psi	600psi



Self Store – Hose Fitting

Order Code	Part No	Tube x BSP
06775-0404	SS4M4	1/4" x 1/4"
06775-0604	SS6M4	3/8" x 1/4"



Self store Nylon Olives

Order Code	Part No	Tube
06776-04	SS4	1/4"
06776-06	SS6	3/8"



Clear Vinyl Tube (CVT)

Order Code	NOM ID	NOM OD	Working Pressure	Coil Length
15333-03	3/16" (5mm)	8mm	700kPa	30m
15333-04	1/4" (6mm)	9mm	600kPa	30m
15333-05	5/16" (8mm)	11mm	500kPa	30m
15333-06	3/8" (10mm)	13mm	400kPa	30
15333-08	1/2" (12mm)	15mm	400kPa	30
15333-10	5/8" (16mm)	19mm	400kPa	30
15333-12	3/4" (19mm)	23mm	295kPa	30
15333-16	1" (25mm)	31mm	295kPa	30
15333-32	2" (50mm)	58mm	175kPa	30



Spiral Polyurethane Coils – Unfitted

Order Code	NOM OD	NOM ID	Working Pressure	Working Length	Tail Length
146-415R	4.0mm	2.0mm	900kPa	1.2m	50mm
146-430R	4.0mm	2.0mm	900kPa	2.8m	50mm
146-615	6.0mm	4.0mm	900kPa	1.2m	70mm
146-630	6.0mm	4.0mm	900kPa	2.8m	70mm
146-650	6.0mm	4.0mm	900kPa	4.0m	70mm
146-675	6.0mm	4.0mm	900kPa	6.0m	70mm
146-6100	6.0mm	4.0mm	900kPa	8.0m	70mm
146-835	8.0mm	5.0mm	900kPa	2.8m	80mm
146-850	8.0mm	5.0mm	900kPa	4.0m	80mm
146-875	8.0mm	5.0mm	900kPa	6.0m	80mm
146-8100	8.0mm	5.0mm	900kPa	8.0m	80mm
146-1050	10.0mm	6.5mm	900kPa	4.0m	90mm
146-1075	10.0mm	6.5mm	900kPa	6.0m	90mm
146-10100	10.0mm	6.5mm	900kPa	8.0m	90mm
146-1230	12.0mm	8.0mm	900kPa	2.8m	100mm
146-1250	12.0mm	8.0mm	900kPa	4.0m	100mm
146-1275	12.0mm	8.0mm	900kPa	6.0m	100mm

To specify colour other than black add suffix to order code
(B = Blue, Y = Yellow, N = Natural, R = Red)
Please note: Not all colours available in all sizes.



Polyurethane Tubing

Order Code	NOM OD	NOM ID	Working Pressure	Burst Pressure	Coil Length
147-M10	10.0mm	6.5mm	900kPa	2500kPa	100m
147-M10B	10.0mm	6.5 mm	900kPa	2500kPa	100m
147-04	1/4"	4.2mm	900kPa	2500kPa	100m
147-04B	1/4"	4.2mm	900kPa	2500kPa	100m

B = Blue Tube



Braided Polyurethane Recoil Hose

Order Code	NOM OD	NOM ID	Working Pressure	Coil Length
T06-1005TF	10mm	6.5mm	2000kPa	5m
T06-1008TF	10mm	6.5mm	2000kPa	8m
T06-1010TF	10mm	6.5mm	2000kPa	10m
T06-1205TF	12mm	8mm	2000kPa	5m
T06-1208TF	12mm	8mm	2000kPa	8m
T06-1210TF	12mm	8mm	2000kPa	10m



Blueline Flexible Nylon Tube – Imperial

Order Code	Reel Length	NOM OD	NOM ID	Working Pressure	Burst Pressure
14110-02	100m	1/8"	.087"	250psi	1000psi
14110-03	100m	3/16"	.125"	250psi	1000psi
14110-04	100m	1/4"	.169"	250psi	1000psi
14110-05	100m	5/16"	.214"	250psi	1000psi
14110-06	100m	3/8"	.258"	250psi	1000psi
14110-08	100m	1/2"	.347"	250psi	1000psi
14110-300-04	300	1/4"	.169"	250 Psi	1000psi
14110-500-04	500	1/4"	.169"	250 Psi	1000psi

*To specify colour other than black add suffix to order code
(B = Blue, Y = Yellow, N = Natural, R = Red)*

Please note: 14110-02 is not supplied on a reel



Blueline – Flexible Nylon Tube – Metric

Order Code	Reel Length	NOM OD	NOM ID	Working Pressure	Burst Pressure
14110-M04	100	4mm	2.7mm	2000kPa	8000kPa
14110-M05	100	5mm	3.3mm	2000kPa	8000kPa
14110-M06	100	6mm	4.0mm	2000kPa	8000kPa
14110-M08	100	8mm	5.2mm	2000kPa	8000kPa
14110-M10	100	10mm	6.6mm	2000kPa	8000kPa
14110-M12	100	12mm	8.0mm	2000kPa	8000kPa
14110-300-M06	300	6mm	4.0mm	2000kPa	8000kPa
14110-300-M08	300	8mm	5.2mm	2000kPa	8000kPa

*To specify colour other than black add suffix to order code
(B = Blue, Y = Yellow, N = Natural, R = Red)*

Please note: 14110-M04 is not supplied on a reel



Yellowline – Semi-Rigid Nylon Tube – Imperial (Black and Natural Only)

Order Code	Reel Length	NOM OD	NOM ID	Working Pressure	Burst Pressure
14125-02	100m	1/8"	.078"	625psi	2500psi
14125-03	100m	3/16"	.110"	625psi	2500psi
14125-04	100m	1/4"	.147"	625psi	2500psi
14125-05	100m	5/16"	.186"	625psi	2500psi
14125-06	100m	3/8"	.224"	625psi	2500psi
14125-08	100m	1/2"	.303"	625psi	2500psi



J844 Air Brake Nylon Tube – Imperial

Order Code	Reel Length	NOM OD	NOM ID	Working Pressure
14337-02" (Black only)	100	1/8"	.80"	150psi
14337-04	100	1/4"	.170"	150psi
14337-05	100	5/16"	.236"	150psi
14337-06	100	3/8"	.251"	150psi
14337-08	100	1/2"	.376"	150psi
14337-10	100	5/8"	.441"	150psi
14337-12" (Black only)	100	3/4"	.566"	150psi
14337-50-04	50	1/4"	.170"	150psi
14337-50-05	50	5/16"	.236"	150psi
14337-50-06	50	3/8"	.251"	150psi
14337-50-08	50	1/2"	.376"	150psi
14337-50-10	50	5/8"	.441"	150psi
14337-150-06	150	3/8"	.251"	150psi
14337-150-08	150	1/2"	.376"	150psi
14337-250-02	250	1/8"	.80"	150psi
14337-250-04	250	1/4"	.170"	150psi



J844 Air Brake Nylon Tube – Type B Metric

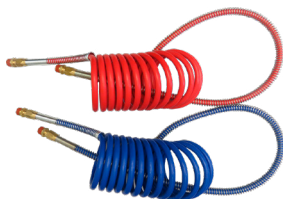
Order Code	Reel Length	NOM OD	NOM ID	Working Pressure
14337-M10	100m	10mm	7mm	2050kPa
14337-M12	100m	12mm	9mm	1700kPa



DIN 74324 Air Brake Nylon Tube – Metric

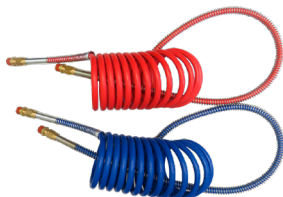
Order Code	Reel Length	NOM OD	NOM ID	Working Pressure
14338-M06 (Black only)	100m	6mm	4.0mm	1020kPa
14338-M08	100m	8mm	6.0mm	1020kPa
14338-M10	100m	10mm	8.0mm	1020kPa
14338-M12	100m	12mm	9.0mm	1020kPa
14338-M15	100m	15mm	12mm	1020kPa
14338-M16	100m	16mm	12mm	1020kPa

6mm and 8mm tube meets both DIN74324 and J844 standards.



Suzi Coil (J844 Nylon)

Order Code	Tube Length	Tail Length	Working Length	Working Pressure
14210-08SET	6m	8" (Short)	3.0m	150psi
14210-08SETL	7m	39" (Long)	3.7m	150psi



Suzi Coil (J844 Nylon) – Unfitted Single Red or Blue

Order Code	Size	Tube Length	Tail Length	Working Length	Working Pressure
14210-B08	1/2"	5m	8" (Short)	3.0m	150psi
14210-R08	1/2"	5m	8" (Short)	3.0m	150psi



Suzi Coil (J844 Nylon) – Unfitted Single Black

Order Code	Size	Working Length	Working Pressure
14219	3/8"	20m	150psi
14220	1/2"	20m	150psi



Low Density Polyethylene Tube – Imperial

Order Code	Reel Length	NOM OD	NOM ID	Working Pressure	Burst Pressure
14340-04	100m	1/4"	0.164"	120psi	360psi
14340-05*	100m	5/16"	0.210"	120psi	360psi
14340-06	100m	3/8"	0.250"	120psi	360psi
14340-08	100m	1/2"	0.375"	120psi	360psi
14340-50-10*	50m	5/8"	0.500"	120psi	360psi

**While stocks last*



Low Density Polyethylene Tube – Metric

Order Code	Reel Length	NOM OD	NOM ID	Working Pressure	Burst Pressure
14340-M04	100m	4mm	2.5mm	840kPa	2520kPa
14340-M06	100m	6mm	4.0mm	840kPa	2520kPa
14340-M08	100m	8mm	6.0mm	840kPa	2520kPa
14340-M10	100m	10mm	7.5mm	840kPa	2520kPa
14340-M12	100m	12mm	8.6mm	840kPa	2520kPa



Annealed Copper Tube

Order Code	ISWG – mm	OD	Length	Working Pressure	Burst Pressure
17222-02	22 swg – 0.71mm	1/8"	30m	18700	93500
17220-04	20 swg – 0.91mm	1/4"	30m	12080	60400
17220-05	20 swg – 0.91mm	5/16"	30m	9380	46900
17220-06	20 swg – 0.91mm	3/8"	18m	7680	38400
17220-08	20 swg – 0.91mm	1/2"	18m	4170	20850

Custom Extrusion (Technical Information)

Minimum order quantities apply to all custom made products.

Bundle Tube

Any combination of tubing can be bundled & covered with PVC or high density polyethylene (HDPE).

Bundles can be covered in either a flat or round configuration.



Capabilities and Services

Reliance Worldwide have state of the art extrusion capabilities located in Melbourne, Australia, with continuous inline measuring of diameter and wall thickness. This results in tube and rod of very tight tolerances.

Tubes and pipes can be manufactured in a range of diameters, wall thickness, material types, colours, custom printing, and tube bundle configurations.

We have various packaging options available to you. Tube and rod products can be packaged as coils, onto cardboard or timber reels. Continuous lengths of over 15,000m are possible depending on the tube or rod size.

We have the following capabilities and services:

- Tube and rod size range from 3.0mm to 13mm
- Maintain extremely tight dimensional tolerances
- Tube bundles in a wide range of configurations (up to 10 core)
- Cable bundles in a wide range of configurations
- Jacket material options for bundle products (PVC and HDPE only)
- Custom colours
- Custom printing
- Continuous long lengths on reels
- Lead time is dependent on workload and products

Reliance Worldwide has extensive experience extruding most polymers including, but not limited to the following materials:

- Low density polyethylene (LDPE)
- Medium density polyethylene (MDPE)
- High density polyethylene (HDPE)
- Semi rigid nylon
- PVC
- Colour matching available

Talk to us about your custom extrusion requirements and we will tailor a solution for you. Proudly Australian made.



Hose Clamps Zinc Plated Mild Steel

Order Code	Size	mm	Size Inches	Inner Pack Qty	Outer Pack Qty
295-012	OOO	9.5 – 12	3/8" – 1/2"	10	100
295-016	MOO	11 – 16	1/2" – 5/8"	10	100
295-020	OO	13 – 20	1/2" – 3/4"	10	100
295-022	O	16 – 22	5/8" – 7/8"	10	100
295-025	OX	18 – 25	3/4" – 1"	10	100
295-030	1A	22 – 30	7/8" – 1 1/8"	10	100
295-035	1	25 – 35	1" – 1 3/8"	10	100
295-040	1X	30 – 40	1 1/8" – 1 5/8"	10	100
295-050	2A	35 – 50	1 1/4" – 1 7/8"	10	100
295-055	2	40 – 55	1 1/2" – 2 1/8"	10	100
295-060	2X	45 – 60	1 3/4" – 2 3/8"	10	100
295-070	3	55 – 70	2" – 2 3/4"	10	50
295-080	3X	60 – 80	2 3/8" – 3 1/8"	Loose in outers	150
295-090	4	70 – 90	2 3/4" – 3 1/2"	Loose in outers	125
295-100	4X	85 – 100	3 1/4" – 4"	Loose in outers	100
295-120	5	90 – 120	3 3/4" – 4 1/2"	Loose in outers	100
295-140	6	110 – 140	4 1/4" – 5 1/2"	Loose in outers	75
295-165	7	135 – 165	5" – 5 3/4"	Loose in outers	50
295-190	7 1/2"	158 – 190	5 1/4" – 6 1/2"	Loose in outers	50



Hose Clamps 304 Stainless Steel

Order Code	Size	mm	Size Inches	Inner Pack Qty	Outer Pack Qty
296-012	OOO	9.5 – 12	3/8" – 1/2"	10	100
296-016	MOO	11 – 16	1/2" – 5/8"	10	100
296-020	OO	13 – 20	1/2" – 3/4"	10	100
296-022	O	16 – 22	5/8" – 7/8"	10	100
296-025	OX	18 – 25	3/4" – 1"	10	100
296-030	1A	22 – 30	7/8" – 1 1/8"	10	100
296-035	1	25 – 35	1" – 1 3/8"	10	100
296-040	1X	30 – 40	1 1/8" – 1 5/8"	10	100
296-050	2A	35 – 50	1 1/4" – 1 7/8"	10	100
296-055	2	40 – 55	1 1/2" – 2 1/8"	10	100
296-060	2X	45 – 60	1 3/4" – 2 3/8"	10	100
296-070	3	55 – 70	2" – 2 3/4"	10	50
296-080	3X	60 – 80	2 3/8" – 3 1/8"	Loose in outers	150
296-090	4	70 – 90	2 3/4" – 3 1/2"	Loose in outers	125
296-100	4X	85 – 100	3 1/4" – 4"	Loose in outers	100
296-120	5	90 – 120	3 3/4" – 4 1/2"	Loose in outers	100
296-140	6	110 – 140	4 1/4" – 5 1/2"	Loose in outers	75
296-165	7	135 – 165	5" – 5 3/4"	Loose in outers	50



Jubilee Multiband

Order Code	Material	Band Width	Band Length	Housing Screws
297-300	Zinc Plated Mild Steel	11mm	10m	25
297-300SS	304 Stainless Steel	11mm	10m	25



Merchandise Range

Order Code	Description	Inner pack Qty
297-001	Jubilee Flexidriver	-
297-10	Handy Pack – Mild Steel Clamps	100 clips
297-100SS	Clip Dispenser – Stainless Steel Clamps	100 clips plus stand



TSNIP



JG-TS



Tube Cutters

Order Code	Tube Material	Size mm	Description
TSNIP	Synthetic	3 – 19	Compact, spring loaded shear
JG-TS	Synthetic	Up to 22mm	Pipe cutter
BLADES	-	3 – 19	Replacement blade for TSNIP

Flaring Tools

Order Code	Tube Material	Description
24301	Copper	60° Flaring tool drive wedge type
24302	-	Spring suit 24301
24303	-	1/2" Pin suit 24301
24304	-	3/4" Pin suit 24301



O-Clip Pincers

Order Code	Description
111099	Side closing pincers



O-Clips Zinc Plated Mild Steel

Order Code	Size mm	Band width	Max Pressure
1105-03	3 – 5	5.0mm	3000
1107-04	5 – 7	6.0mm	3000
1109-05	7 – 9	7.0mm	3000
1111-07	9 – 11	7.0mm	3000
1113-08	11 – 13	7.0mm	3000
1115-09	13 – 15	7.5mm	3000
1118-10	15 – 18	8.0mm	3000
1120-12	17 – 20	8.5mm	3000
1123-14	20 – 23	9.0mm	3000
1125-15	22 – 25	10.0mm	3000
1127-16	23 – 27	10.0mm	3000
1128-17	25 – 28	10.0mm	3000
1130-17	28 – 31	10.0mm	3000
1134-21	31 – 34	10.0mm	3000
1137-23	34 – 37	10.0mm	3000
1140-25	37 – 40	10.0mm	3000



O-Clips 304 Stainless Steel

Order Code	Size mm	Band width	Max Pressure
1107-04SS	5 – 7	6.0mm	3000
1109-05SS	7 – 9	7.0mm	3000
1111-07SS	9 – 11	7.0mm	3000
1113-08SS	11 – 13	7.0mm	3000
1115-09SS	13 – 15	7.5mm	3000
1118-10SS	15 – 18	8.0mm	3000
1120-12SS	17 – 20	8.5mm	3000
1123-14SS	20 – 23	9.0mm	3000
1125-15SS	22 – 25	10.0mm	3000
1127-16SS	23 – 27	10.0mm	3000
1128-17SS	25 – 28	10.0mm	3000
1130-17SS	28 – 31	10.0mm	3000
1134-21SS	31 – 34	10.0mm	3000
1137-23SS	34 – 37	10.0mm	3000
1140-25SS	37 – 40	10.0mm	3000



Hose Reels

Order Code	Description	Hose ID	Hose Length	Inlet Female	Outlet Male	Case Colour
10-SEAIR10	Air	10mm	16mtrs	3/8" BSP	3/8" BSP	Blue
10-SECW12	Cold Water	12mm	18mtrs	1/2" BSP	Nil	Green
10-SEHW10	Hot Water	10mm	16mtrs	3/8" BSP	Nil	Blue
10-SIAIR10	Air	10mm	20mtrs	3/8" BSP	3/8" BSP	Blue
10-SIAIR12	Air	12mm	15mtrs	3/8" BSP	3/8" BSP	Blue
10-SIOIL12	Oil – Low Pressure	12mm	10mtrs	1/2" BSP	3/8" BSP	Blue

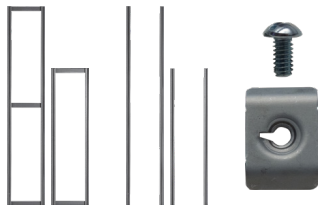


Clear Tip Out Bin System

Order Code	Description	Dimensions	Number of Bins
21-MS403	No 3 Cabinet & Bins	600mm (W) x 240mm (H) x 158mm (D)	3
21-MS206	No 6 Cabinet & Bins	600mm (W) x 113mm (H) x 74mm (D)	6
21-MS109	No 9 Cabinet & Bins	600mm (W) x 77mm (H) x 62mm (D)	9

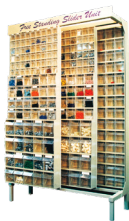
Beige ABS Plastic Cabinet. Transparent hinged tubs.

- Bins stack or hang
- Clear easy view compartments
- Dust free storage



Tip Out Bin Accessories

Order Code	Description	Dimensions
21-MS600	Bin Frame	600 (H)
21-MS601	Bin Frame	1200 (H)
21-MS602	Bin Rail	600 (H)
21-MS603	Bin Rail	1200 (H)
21-MS2	Bolts and Nuts	N/A



Free Standing Slider System

Order Code	Description	Dimensions
21-QS000	Four individual panels	450mm (D) x 1200mm (W) x 1995mm (H)

This system features four individual panels that can be filled with tip out bins. Two are fixed to the back side of the system, and two slide in front easily, from left to right. Allowing access to all four panels. Bins not included.



068-91000

Miscellaneous Packaged Products

Order Code	Description
068-91000	Tyre Inflator 160psi / 1100kPa
068-9130	Tyre Inflator Dual Hold-On Chuck 0-1100kPa Dial Gauge Deflate Control
07-FR802	Filter / Regulator Combination 1/4" BSP
061-7815	1/2" Brass Hose Connection
061-7813	1 x 3/4" Brass Tap Fitting
061-4060	Trigger Type Brass Water Set 1/2" Hose
061-8434	Brass Hose Set 3/4" Hose



068-9130



07-FR802



061-7815



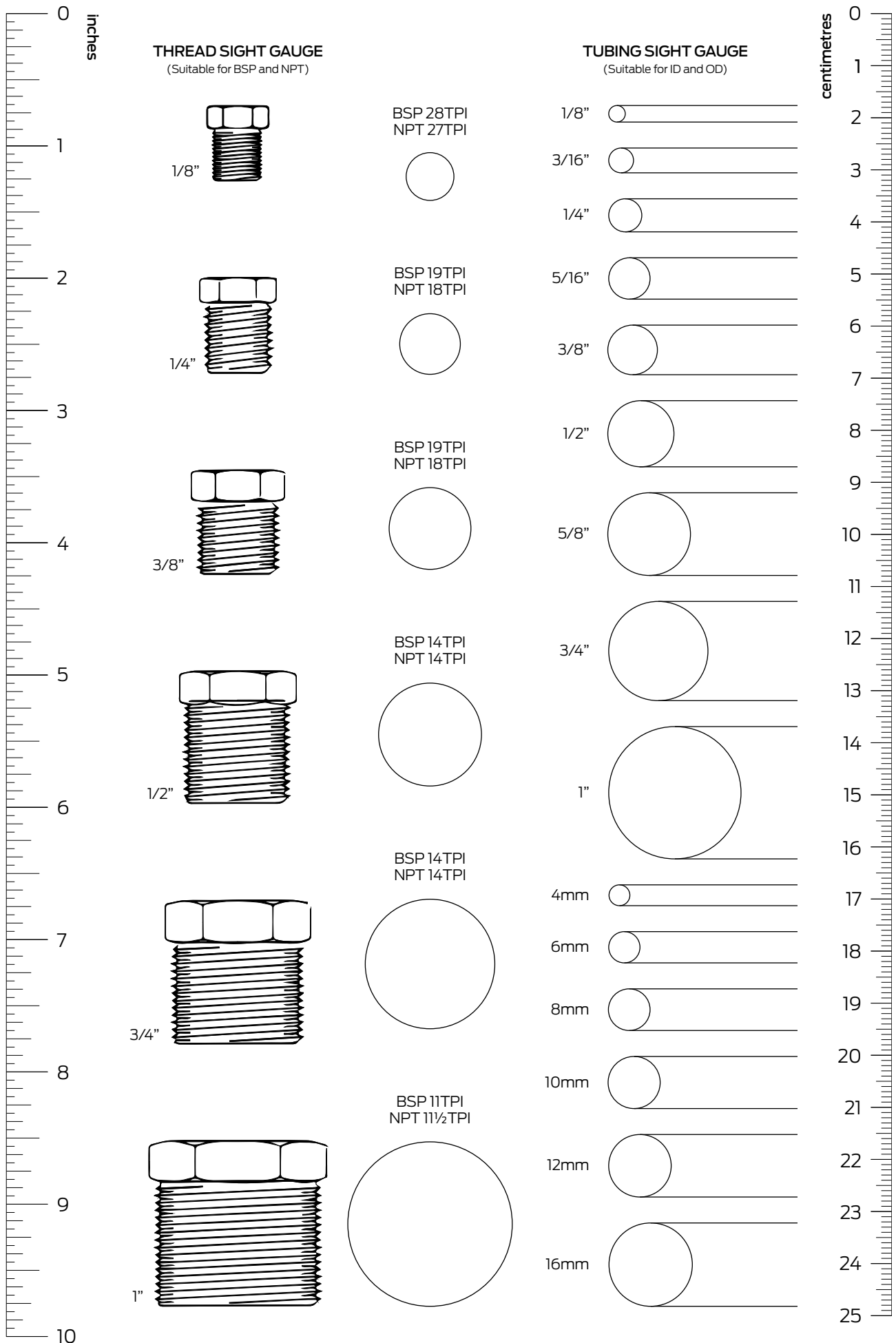
061-4060



061-8434



061-7813



Threads At A Glance

The following tables have been prepared to show information relating to the thread form of both ends of a tube connection fitting – tube end and pipe end.

Table 1. Pipe Threads

Nom. Size	British Pipe Thread BSP (G Series)					American Pipe Thread NPS - National Pipe Straight NPT - National Pipe Taper				
	Threads		BSP			Threads		NPS		
	T.P.I.	Angle	O.D. (mm)	Min. Dia. (mm)	Max. Dia. (mm)	T.P.I.	Angle	O.D. (mm)	Min. Dia. (mm)	Max. Dia. (mm)
1/8"	28	55	9.62	9.51	9.73	27	60	10.29	10.27	10.29
1/4"	19	55	13.03	12.91	13.16	18	60	13.77	13.69	13.77
3/8"	19	55	16.54	16.41	16.66	18	60	17.15	17.07	17.15
1/2"	14	55	20.82	20.67	20.96	14	60	21.34	21.26	21.34
3/4"	14	55	26.30	26.16	26.44	14	60	26.67	26.59	26.67
1"	11	55	33.07	32.89	33.25	11.5	60	33.40	33.31	33.40
1 1/4"	11	55	41.73	41.55	41.91	11.5	60	42.16	42.07	42.16
1 1/2"	11	55	47.62	47.44	47.80	11.5	60	48.26	48.17	48.26
2"	11	55	59.44	59.25	59.62	11.5	60	60.33	60.24	60.33

Pipe Threads

A 'Pipe Thread' is a 'universal' thread that enables port connection via a common thread form. With the addition of a tube connection fitting, pipe threads can be used to connect tube to the port of a piece of equipment or allow adaptation, both sizing and/or configuration, to satisfy a given situation. However, depending upon the place of manufacture or the industry in which you are working, different 'universal' pipe threads may be specified.

In Australia, most specifications will demand either BSP (British Standard Pipe – Taper or Parallel) or NPT/NPS (American Pipe (Taper/Straight)). The fundamental difference with these two 'universal' threads is the pitch or threads per inch (T.P.I.) and the thread angle.

Pipe thread sizes are determined by the 'nominal bore' of pipe and, as such, can be very confusing when ordered. Confusion is often encountered because the wall thickness of the pipe is not included in the calculation for BSPT, BSPP, NPT or NPS thread specifications. The easiest way to determine the size you require is to use the 'Tube and Thread Profile' drawings on page 3.

Sealing Threads of Whitworth Form (R Series)

Commonly termed BSPT, gas thread, sealing thread, dry seal thread or engineering thread, R Series threads require mating threads, including a combination of parallel and tapered sealing ends, to effect a seal without the aid of any form of thread sealant or gasket. Generally longer and more bulky than the G Series equivalents, they have a limited working life if continually disassembled and re-made.

AS1722.2 Fastening Threads of Whitworth Form (G Series)

Commonly termed BSP, MI, FI or plumbing thread, the thread will require a sealing aid to effect a positive seal. The sealing agent may take the form of a gasket, O-Ring, thread tape, hemp or thread paste. Threads manufactured to AS1722.2 are used extensively in the Plumbing Industry. If used in the correct manner, they can be disassembled and re-made many times over.

Threads At a Glance

Table 2. Tube Threads

A 'tube thread' is a generic term used for identifying the thread form, of the tube end, of a tube connection fitting and not a specific thread.

Tube O.D	Standard Compression	Internal Compression	SAE 45° Flare	SAE 45° Inverted Flare
1/8"	5/16" x 24UNF	9/32" x 26BRASS	5/16" x 24UNF	5/16" x 28UNS
3/16"	3/8" x 24UNF	3/8" x 24UNF	3/8" x 24UNF	3/8" x 24UNF
1/4"	7/16" x 24UNS	7/16" x 24UNS	7/16" x 20UNF	7/16" x 24UNS
5/16"	1/2" x 24UNS	1/2" x 24UNS	1/2" x 20UNF	1/2" x 20UNF
3/8"	9/16" x 24UNEF	9/16" x 24UNEF	5/8" x 18UNF	5/8" x 18UNF
1/2"	11/16" x 20UN	3/4" x 24UNS	3/4" x 16UNF	3/4" x 18UNS
5/8"	n/a	7/8" x 20UNEF	7/8" x 14UNF	n/a
3/4"	n/a	1.025 x 18UNS	11/16" x 14UNF	n/a
4mm	5/16" x 24UNF	n/a	n/a	n/a
6mm	7/16" x 24UNS	n/a	n/a	n/a
8mm	1/2" x 24UNS	n/a	n/a	n/a
10mm	9/16" x 24UNEF	n/a	n/a	n/a
12mm	11/16" x 20UN	n/a	n/a	n/a

Thread Abbreviations and Definitions

The thread types listed below are representative of some of the common threads and terms used in general industry.

Thread Abbreviation	Definition
ANP	American National Pipe
ANPT	American National Pipe Taper
Brass Thread	Fine thread common to brass machining and always 26TPI regardless of major diameter (Whitworth form)
BSP	British Standard Pipe
BSPP	British Standard Pipe Parallel
BSPT	British Standard Pipe Tapered
Dry Seal	A generic term referring to a thread that seals without the aid of a thread sealant or washer
Engineering Thread	A term referring to a thread capable of sealing without the aid of a thread sealant or washer
F.I.	Female Iron (BSP Female - common in the Plumbing Industry)
GAS	A term referring to BSPT or NPT thread (common in Automotive and Plumbing Industry)
J.I.C.	Joint Industries Conference or J.I. Case
M.I.	Male Iron (BSP Male - common in the Plumbing Industry)
NPS	National Pipe Straight (American pipe thread)
NPT	National Pipe Taper (American pipe thread)
NPTF	National Pipe Taper Fuel (Internal, straight, American pipe thread)
TPI	Threads per inch
Pipe Thread	A term referring to BSPT/BSPP or NPT/NPS thread
Plumbing Thread	A term referring to a BSP fastening thread
P.T.	Sealing, tapered, pipe thread of Whitworth form
SAE	Society of Automotive Engineers
Sealing Thread	A term referring to a thread capable of sealing without the aid of a thread sealant or washer
Tube Thread	Thread used on the tube end of a tube connection fitting
UN	Unified National (not standard UNF)
UNEF	Unified National Extra Fine
UNF	Unified National Fine (formally SAE)
UNS	Unified National Special (not standard UNF)

Maximum Working Pressure Tables for Tube Connection Fittings (kPa)

All working pressures are calculated at an ambient temperature using a safety factor of 4:1. Generally, working pressure is dependent upon the type of tubing used and not the fitting. Consequently the tables shown below should be used as a guide only.

Hydraulic Applications Only

Tube O.D	Standard Compression	Internal Compression	SAE 45° Flare	SAE 45° Inverted Flare	Fleetfit Air Brake	Pneufit
1/8"	3500	3500	17250	17250	n/r	n/r
3/16"	3500	3500	17250	17250	n/r	n/r
1/4"	2750	2750	13750	13750	n/r	n/r
5/16"	2750	2750	13750	13750	n/r	n/r
3/8"	2000	2000	10400	10400	n/r	n/r
1/2"	2000	2000	7000	7000	n/r	n/r
5/8"	n/a	1400	7000	n/a	n/r	n/r
3/4"	n/a	1400	7000	n/a	n/r	n/r
4mm	3500	n/a	n/a	n/a	n/r	n/r
6mm	2750	n/a	n/a	n/a	n/r	n/r
8mm	2750	n/a	n/a	n/a	n/r	n/r
10mm	2000	n/a	n/a	n/a	n/r	n/r
12mm	2000	n/a	n/a	n/a	n/r	n/r

n/a = Not Available

n/r = Not Recommended for Hydraulic Applications

Pneumatic Applications

Tube O.D	Standard Compression	Internal Compression	SAE 45° Flare	SAE 45° Inverted Flare	Fleetfit Air Brake	Pneufit Brass
1/8"	2000	2000	4800	4800	1050	1800
3/16"	1750	1750	4800	4800	1050	1800
1/4"	1400	1400	4800	4800	1050	1800
5/16"	1400	1400	4800	4800	1050	1800
3/8"	1050	1050	2750	2750	1050	1800
1/2"	1050	1050	1750	1750	1050	1800
5/8"	n/a	700	1750	n/a	1050	n/a
3/4"	n/a	700	1750	n/a	1050	n/a
4mm	2000	n/a	n/a	n/a	1050	1800
6mm	1400	n/a	n/a	n/a	1050	1800
8mm	1400	n/a	n/a	n/a	1050	1800
10mm	1050	n/a	n/a	n/a	1050	1800
12mm	1050	n/a	n/a	n/a	1050	1800

n/a = Not Available

Pipe End Pressure Ratings - Maximum Working Pressure (kPa)

Pipe Size	Brass Alloy	
	Hydraulic	Pneumatic
1/8"	13750	3500
1/4"	13750	3500
3/8"	13750	2750
1/2"	10400	2750
3/4"	7000	2000
1"	4000	1250

Copper Annealed Seamless ASTM B-75 or Equivalent

Calculated, maximum working pressure (kPa) for temperatures between 6.7° and 37.8°C. Burst pressure of copper tube is 5 times that of the working pressure.

Tube Wall Thickness

Tubing O.D.	0.71mm ISWG 22	0.91mm ISWG 20	1.22mm ISWG 18	1.63mm ISWG 16	2.03mm ISWG 14
1/8"	18700	23700	-	-	-
3/16"	11920	15300	22150	-	-
1/4"	8780	12080	16200	22000	-
5/16"	6870	9380	12600	17300	-
3/8"	5650	7680	10200	14000	18500
1/2"	4170	5630	7450	10100	13450
5/8"	-	4440	6090	7980	10400
3/4"	-	3670	4850	6540	8540
1"	-	2720	3700	5070	6260

Tube Connection Fittings

Alloy Group Definitions

- Copper
- 385 Brass Alloy
- 352 DR Brass Alloy

Corrosion Rating Charts

The accompanying charts give relative corrosion resistance ratings for copper and the commonly used copper alloys. These ratings are based on consideration of laboratory test data, service experience and a general knowledge of corrosion resistant properties; however, it must be fully recognised that the ratings are relative only and definite unqualified recommendations of corrosion resistance cannot be made.

When interpreting the data, it should be remembered that corrosion resistance or rate of corrosion is greatly affected by conditions of exposure such as presence of oxidising agents, velocity of solution, aeration, temperature and similar factors.

In general, the information in the tables refers to non-oxidising conditions, low velocities (below 1.2 metres per second) and ambient temperatures.

Corrosion Rating	Definition
E. (Excellent)	The metal should be suitable under most conditions of use.
G. (Good)	The metal offers good corrosion resistance. It may be considered in place of a metal with an "E" rating when some property other than corrosion resistance governs its use.
F. (Fair)	The metal offers fair corrosion resistance.
N. (Not to be used)	The metal is not suitable.

Corrosion Media	Copper	385 Brass Alloy	352 DR Brass Alloy
Acetic Acid	G	N	F
Acetic Anhydride	G	N	F
Acetone	E	E	E
Acetylene	N	E	N
Alcohols	E	E	E
Alum	G	N	G
Alumina	G	E	E
Aluminium Chloride	E	N	F
Aluminium Hydroxide	G	E	E
Aluminium Sulfate	E	N	G
Ammonia, Absolutely dry	N	E	E
Ammonia, moist	N	N	N
Ammonium Hydroxide	N	N	N
Ammonium Chloride	N	N	N
Ammonium Nitrate	F	N	N
Ammonium Sulfate	E	N	N
Amyl Acetate	E	G	E
Amyl Alcohol	F	E	E
Aniline	F	F	F
Aniline Dyes	E	F	F
Asphalt	E	E	E
Atmosphere, Industrial	E	G	E
Atmosphere, Marine	E	G	E
Atmosphere, Rural	E	E	E
Barium Carbonate	G	E	E
Barium Chloride	E	N	F
Barium Hydroxide	E	G	E
Barium Sulfate	F	E	E
Barium Sulfide	E	G	G
Beer	E	G	E
Beet Sugar Syrups	E	G	E
Benzene	E	E	E
Benzoic Acid	E	G	E
Benzol	E	E	E
Black Liquor, Sulfate Processed	F	N	N
Bleaching Powder, Wet	G	N	G
Borax	E	E	E
Bordeaux Mixture	E	G	E
Boric Acid	E	G	E
Brines	G	N	G
Bromine, Dry	E	E	E
Bromine, Moist	G	N	F
Butane	E	E	E
Butyl Alcohol	E	E	E
Butyric Acid	G	F	G
Calcium Bisulfite	G	N	G
Calcium Chloride	G	N	G

Corrosion Media	Copper	385 Brass Alloy	352 DR Brass Alloy
Calcium Hydroxide	E	G	E
Calcium Hypochlorite	G	N	G
Cane Sugar Syrups	E	G	E
Carbolic Acid	G	G	G
Calcium Dioxide, Dry	E	E	E
Carbon Dioxide, Moist	G	F	G
Carbonated Water	G	F	G
Carbonated Beverages	G	F	G
Carbon Disulfide	G	E	E
Carbon Tetrachloride, Dry	E	E	E
Carbon Tetrachloride, Moist	G	N	G
Castor Oil	E	E	E
Chlorine, Dry	E	E	E
Chlorine, Moist	F	N	F
Chloracetic Acid	G	N	F
Chloroform, Dry	E	E	E
Chromic Acid	N	N	N
Cider	E	F	E
Citric Acid	E	F	E
Coffee	E	E	E
Copper Chloride	F	N	F
Copper Nitrate	F	N	F
Copper Sulfate	G	N	G
Corn Oil	E	G	E
Cottonseed Oil	E	G	E
Creosote	E	G	E
Crude Oil	G	F	G
Ethers	E	E	E
Ethyl Acetate	E	G	E
Ethyl Alcohol	E	E	E
Ethyl Chloride	G	F	G
Ethylene Glycol	E	G	E
Ferric Chloride	N	N	N
Ferric Sulfate	N	N	N
Ferrous Chloride	G	N	G
Ferrous Sulfate	G	N	G
Formaldehyde	E	G	E
Formic Acid	G	N	F
Freon	E	E	E
Fruit Juices	G	N	F
Fuel Oil	E	F	E
Furfural	E	G	E
Gasoline	E	E	E
Gelatine	E	E	E
Glucose	E	E	E
Glue	E	G	E

Corrosion Media	Copper	385 Brass Alloy	352 DR Brass Alloy
Glycerine	E	E	E
Hydrobromic Acid	F	N	F
Hydrocarbons, Pure	E	E	E
Hydrochloric Acid	F	N	F
Hydrocyanic Acid	N	N	N
Hydrofluoric Acid	F	N	N
Hydrofluosilicic Acid	G	N	G
Hydrogen	E	E	E
Hydrogen Peroxide	G	F	G
Hydrogen Sulfide, Dry	E	E	E
Hydrogen Sulfide, Moist	N	F	G
Kerosene	E	E	E
Lacquers	E	E	E
Lacquer Solvents	E	E	E
Lactic Acid	G	N	F
Lime	E	E	E
Lime-Sulfur	F	G	G
Linseed Oil	G	G	G
Magnesium Chloride	G	N	F
Magnesium Hydroxide	E	E	E
Magnesium Sulfate	E	F	E
Mercury	N	N	N
Mercury Salts	N	N	N
Methyl Alcohol	E	E	E
Methyl Chloride, Dry	E	E	E
Milk	E	G	E
Mine Water	F	N	F
Natural Gas	G	E	E
Nitric Acid	N	N	N
Nitrogen	E	E	E
Oleic Acid	G	F	G
Oxalic Acid	G	N	F
Oxygen	E	E	E
Palmitic Acid	G	F	G
Paraffin	E	E	E
Phosphoric Acid	G	N	F
Potassium Carbonate	E	G	E
Potassium Chloride	G	N	G
Potassium Chromate	E	E	E
Potassium Cyanide	N	N	N
Potassium Dichromate Acid	N	N	N
Potassium Hydroxide	G	F	G
Potassium Sulfate	E	G	E
Propane	E	E	E
Rosin	E	E	E
Sea Water	G	F	E
Sewage	E	F	E

Corrosion Media	Copper	385 Brass Alloy	352 DR Brass Alloy
Silver Salts	N	N	N
Soap Solutions	E	G	E
Sodium Bicarbonate	G	F	G
Sodium Bisulfate	G	N	G
Sodium Carbonate	E	G	E
Sodium Chloride	G	N	G
Sodium Chromate	E	E	E
Sodium Cyanide	N	N	N
Sodium Dichromate, Acid	N	N	N
Sodium Hydroxide	G	F	G
Sodium Hypochlorite	F	N	F
Sodium Nitrate	G	F	G
Sodium Peroxide	F	N	F
Sodium Phosphate	E	G	E
Sodium Sillicate	E	G	E
Sodium Sulfate	E	G	E
Sodium Sulfide	F	G	G
Sodium Sulfite	G	N	G
Sodium Thiosulfate	F	G	G
Steam	E	F	E
Stearic Acid	G	F	G
Sugar Solutions	E	G	E
Sulfur, Dry	G	E	E
Sulfur, Molten	N	N	N
Sulfur Chloride, Dry	E	E	E
Sulfur Dioxide, Dry	E	E	E
Sulfur Dioxide, Moist	G	N	G
Sulfur Trioxide, Dry	E	E	E
Sulfuric Acid	G	N	F
Sulfurous Acid	G	N	G
Tannic Acid	E	G	E
Tar	E	G	E
Tartaric Acid	E	F	E
Toluene	E	E	E
Trichloroacetic Acid	G	N	F
Trichlorethylene, Dry	E	E	E
Trichlorethylene, Moist	G	F	G
Turpentine	E	G	E
Varnish	E	E	E
Vinegar	G	N	F
Water, Potable	E	N	E
Zinc Chloride	F	N	F
Zinc Sulfate	G	N	G

Standard Conversions

Pressure

psi	kPa	kPa	psi
1	6.9	1	0.15
2	13.8	2	0.29
3	20.7	3	0.44
4	27.6	4	0.58
5	34.5	5	0.73
6	41.4	6	0.87
7	48.3	7	1.02
8	55.2	8	1.16
9	62.1	9	1.31
10	69.0	10	1.45
50	345	50	7
100	690	100	15
250	1724	250	36
500	3448	500	73
1000	6895	1000	145
5000	34475	5000	725
10000	68950	10000	1450
20000	137900	20000	2901
50000	344750	50000	7252
75000	517125	75000	10877
100000	689500	100000	14503

Pressure

	lbs/in ²	kg/cm ²	kPa	Bar
lbs/in ²	1	0.07031	6.895	0.0689
kg/cm ²	14.22	1	98.05	0.981
kPa	0.1451	0.0102	1	0.01
Bar	14.51	1.02	100	1

Length / Distance

Metric	Imperial	Imperial	Metric
1mm	0.0393 inch	1/8" inch	3.17mm
1cm	0.3937 inch	1" inch	25.40mm
10cm	0.3281 foot	1' foot	30.48cm
1m	1.0936 yard	1 yard	0.914m
1km	0.6214 mile	1 mile	1.61km

Temperature

Fahrenheit	Celsius
0	-17.8
5	-15.0
10	-12.2
32	0.0
50	10.0
75	23.9
100	37.8
150	65.6
200	93.3
212	100.0

Imperial to Metric

Inches	Inches	mm	Inches	Inches	mm
Fraction	Decimal		Fraction	Decimal	
1/64"	0.016	0.397	33/64"	0.516	13.097
1/32"	0.031	0.794	17/32"	0.531	13.494
3/64"	0.047	1.191	35/64"	0.547	13.891
1/16"	0.063	1.588	9/16"	0.563	14.288
5/64"	0.078	1.984	37/64"	0.578	14.684
3/32"	0.094	2.381	19/32"	0.594	15.081
7/64"	0.109	2.778	39/64"	0.609	15.478
1/8"	0.125	3.175	5/8"	0.625	15.875
9/64"	0.141	3.572	41/64"	0.641	16.272
5/32"	0.156	3.969	21/32"	0.656	16.669
11/64"	0.172	4.366	43/64"	0.672	17.066
3/16"	0.188	4.763	11/16"	0.688	17.463
13/64"	0.203	5.159	45/64"	0.703	17.859
7/32"	0.219	5.556	23/32"	0.719	18.256
15/64"	0.234	5.953	47/64"	0.734	18.653
1/4"	0.250	6.350	3/4"	0.750	19.050
17/64"	0.266	6.747	49/64"	0.766	19.447
9/32"	0.281	7.144	25/32"	0.781	19.844
19/64"	0.297	7.541	51/64"	0.797	20.241
5/16"	0.313	7.938	13/16"	0.813	20.638
21/64"	0.328	8.334	53/64"	0.828	21.034
11/32"	0.344	8.731	27/32"	0.844	21.431
23/64"	0.359	9.128	55/64"	0.859	21.828
3/8"	0.375	9.525	7/8"	0.875	22.225
25/64"	0.391	9.922	57/64"	0.891	22.622
13/32"	0.406	10.319	29/32"	0.906	23.019
27/64"	0.422	10.716	59/64"	0.922	23.416
7/16"	0.438	11.113	15/16"	0.938	23.813
29/64"	0.453	11.509	61/64"	0.953	24.209
15/32"	0.469	11.906	31/32"	0.969	24.606
31/64"	0.484	12.303	63/64"	0.984	25.003
1/2"	0.500	12.700	1"	1.000	25.400

From	To	Multiply by
Mass		
ounce (oz)	gram (g)	28.349
gram (g)	ounce (oz)	0.035
pound (lb)	kilogram (kg)	0.454
kilogram (kg)	pound (lb)	2.205
ton	tonne	1.016
tonne	ton	0.984
Density		
pound / cubic inch (lb/in ³)	gram / cubic centimetre (g/cm ³)	27.679
gram / cubic centimetre (g/cm ³)	pound / cubic inch (lb/in ³)	0.036
pound / cubic foot (lb/ft ³)	kilogram / cubic metre (kg/m ³)	16.018
kilogram / cubic metre (kg/m ³)	pound / cubic foot (lb/ft ³)	0.062
pound / cubic yard (lb/yd ³)	kilogram / cubic metre (kg/m ³)	0.593
kilogram / cubic metre (kg/m ³)	pound / cubic yard (lb/yd ³)	1.684
Pressure		
pound / foot (lb/ft)	kilogram / metre (kg/m)	1.4882
kilogram / metre (kg/m)	pound / foot (lb/ft)	0.672
pound / square inch (lb/in ²)	kilogram / square centimetre (kg/cm ²)	0.07031
kilogram / square centimetre (kg/cm ²)	pound / square inch (lb/in ²)	14.22
pound / square inch (lb/in ²)	kilopascal (kPa)	6.895
kilopascal (kPa)	pound / square inch (lb/in ²)	0.145
pound / square inch (lb/in ²)	megapascal (MPa)	0.006895
megapascal (MPa)	pound / square inch (lb/in ²)	145.04
ton / square inch (ton/in ²)	megapascal (MPa)	15.444
megapascal (MPa)	ton / square inch (ton/in ²)	0.0647
bar	kilogram / square centimetre (kg/cm ²)	1.02
kilogram / square centimetre (kg/cm ²)	bar	0.981
bar	pound / square inch (lb/in ²)	14.51
pound / square inch (lb/in ²)	bar	0.0689
bar	kilopascal (kPa)	100
kilopascal (kPa)	bar	0.01
Temperature		
centigrade (C)	fahrenheit (F)	(C x 1.8) + 32
fahrenheit (F)	centigrade (C)	(F - 32) / 1.8
Length		
thou. inch (µin)	millimetre (mm)	0.0254
millimetre (mm)	thou. inch (µin)	0.0393
inch (in)	centimetre (cm)	2.54
centimetre (cm)	inch (in)	0.3937
foot (ft)	metre (m)	0.3048
metre (m)	foot (ft)	3.2808
mile	kilometre (km)	0.6213
kilometre (km)	mile	1.6093
Volume		
cubic inches (ci)	cubic centimetres (cc)	16.3871
cubic centimetres (cc)	cubic inches (ci)	0.061
cubic foot / min (cfm)	litre / min (l/min)	28.3168
litre / min (l/min)	cubic foot / min (cfm)	0.0353
cubic yard (yd ³)	cubic metre (m ³)	0.7645
cubic metre (m ³)	cubic yard (yd ³)	1.3079
fluid ounce (fl oz)	ml (cm ³)	28.4131
ml (cm ³)	fluid ounce (fl oz)	0.035
pint	litre (dm ³)	0.5682
litre (dm ³)	pint	1.7605
imperial gallon	litre (dm ³)	4.5506
litre (dm ³)	imperial gallon	0.2197

Notes



 1800 810 803
 tubefit.com.au
 sales.au@rwc.com

AN RWC BRAND
RWC Reliance Worldwide Corporation (Aust.) Pty. Ltd.
27-28 Chapman Place, Eagle Farm QLD 4009,
Australia | ABN 71 004 784 301

AU-TF-PG0023_0724-v13

RWC