

Fittings, tubing & accessories

The product group most associated with the 'Enots' brand, fittings are of vital importance, since they are used to connect all other products and make them operate. The IMI Precision Engineering range includes labour saving push in types in composite, brass and stainless steel for all manner of applications.

We then have compression fittings ranges suitable for heavier industry and even a push in fitting suitable for vehicle braking systems.









Add to this a whole selection of BSP connectors, flow regulators, non return valves, air fuses, blow guns, flexible hoses and quick release connectors and you have one of the industries' largest accessory ranges around.










Fast Find Guide

Please note: These products represent only part of the IMI Precision Engineering fittings range. If you can't see the option you require please contact us.

● Fittings

<p>Pneufit push-in fittings Ø 4 ... 14 mm</p>  <p>EXPRESS Page 490</p>	<p>Pneufit C composite fittings Ø 3 ... 16 mm</p>  <p>EXPRESS Page 490</p>	<p>Miniature Pneufit M composite fittings Ø 3 ... 6 mm</p>  <p>Page 490</p>	<p>Pneufit S stainless steel push in fittings Ø 4 ... 12 mm</p>  <p>Page 490</p>	<p>24 series push-on tube fittings Ø 4/2,5 mm ... 15/12,5 mm</p>  <p>Page 515</p>	<p>43 series compression fittings – external nut Ø 4 ... 22 mm</p>  <p>Page 518</p>
<p>BSP & hose fittings M5, 1/8" ... 1" BSP</p>  <p>EXPRESS Page 522</p>	<p>Pneufit C selection box</p>  <p>EXPRESS Page 491</p>				

● Tubing & Hoses

<p>Nylon tubing Ø 4 ... 16 mm</p>  <p>EXPRESS Page 529</p>	<p>Polyurethane tubing Ø 3 ... 16 mm</p>  <p>EXPRESS Page 529</p>	<p>Metal braided rubber hose Ø 6 ... 12 mm</p>  <p>Page 530</p>	<p>Pneuflex tubing Ø 6 ... 8 mm</p>  <p>EXPRESS Page 530</p>	<p>Weld tubing Ø 6 ... 14 mm</p>  <p>Page 530</p>	<p>Tube cutter</p>  <p>EXPRESS Page 530</p>
<p>Tubing channels & clips Ø 6 ... 12 mm</p>  <p>EXPRESS Page 530</p>					

● Accessories

<p>233 series Single and double shut off quick release couplings</p>  <p>Page 532</p>	<p>238 series Single shut off quick release couplings</p>  <p>EXPRESS Page 532</p>	<p>234 series Double shut off quick release couplings</p>  <p>Page 532</p>	<p>237 series Single shut off quick release couplings</p>  <p>Page 532</p>	<p>M/S, T45 series Porous plastic silencers M5, G1/8 ... G1 Ø4 ... 12 Stem</p>  <p>EXPRESS Page 536</p>	<p>T40 series Sintered bronze silencers M5, 1/8 ... 1</p>  <p>EXPRESS Page 536</p>
<p>MA, MB series Silencers M5, G1/8 ... G2 R1/8 ... R1</p>  <p>EXPRESS Page 536</p>	<p>M/151 series Exhaust filter G1/8 ... G1</p>  <p>EXPRESS Page 536</p>	<p>IMI Herion silencer G1/8 ... G1/2</p>  <p>Page 536</p>	<p>Coalescing silencers G1/2 ... G1</p>  <p>Page 536</p>	<p>0613422 0613423 series Exhaust filter 1/4", 1/2"</p>  <p>Page 539</p>	<p>60 & 61 series Ball valves 1/8" ... 1 1/2"</p>  <p>EXPRESS Page 540</p>
<p>M/7300 Sleeve valve G1/8 ... G1/2</p>  <p>Page 541</p>	<p>BG series Blow guns</p>  <p>EXPRESS Page 541</p>	<p>Slow rotating joints 1/8" ... 3/8"</p>  <p>Page 542</p>	<p>Fast rotating joints 1/4"</p>  <p>Page 542</p>		

Find dimensions here



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- > CAD configuration tool
- > Real time price and availability information
- > On-line technical support with 24 hour access to IMI Precision Engineering engineers
- > Downloadable technical data sheets for all the technical information you need to know about our products

Engineering
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IMI Precision
Engineering

PUSH-IN FITTINGS

● PNEUFIT

Metric Ø 4 ... 14 mm O/D tube

EXPRESS



- Compact units featuring retained collets and positive tube anchorage
- Silicone free O-ring seals
- Non-PTFE based thread sealant on all BSP taper threads
- Easy tube insertion for rapid assembly
- Internal hexagon on straight adaptors allows assembly in confined spaces
- Wide range of types available
- Reliable and corrosion resistant

Technical Data

Medium:

Compressed air

Operating pressure:

Vacuum – 18 bar unless otherwise stated (dependant on tubing specification)

Ambient temperature:

-20°C ... +80°C

Air supply must be dry enough to avoid ice formation at temperatures below +2°C

Tubing:

Nylon 11 or 12, polyurethane 85 to 98

Materials

Body:

Nickel plated brass or glass filled nylon

Collet:

Nickel plated brass

'O' ring:

Silicone free nitrile rubber

Sealing washer (parallel threads):

Nitrile 'O'-ring

Thread sealant:

Non-PTFE

● PNEUFIT C

Metric Ø 4 ... 16 mm O/D tube

EXPRESS



- Pneufit C push in fittings represent one of the industries largest ranges of industrial fittings, with in excess of 1,000 shapes and sizes
- Assembly times can be reduced to the minimum by using the parallel threaded versions, or choose taper to ensure perfect sealing under less than ideal port conditions
- Body material is either PBT or nickel plated brass offering good resistance to corrosion or contamination, and all components are retained within the body to make a perfect seal every time
- In addition to standard shapes, the range also includes manifolds, banjo flow regulators isolating valves and other items to offer maximum benefit from using standard widely available parts

Technical Data

Medium:

Compressed air

Operating pressure:

750mm Hg to 10 bar

Ambient temperature:

-20°C ... +60°C

Air supply must be dry enough to avoid ice formation at temperatures below +2°C

Tubing:

Nylon 11 or 12, polyurethane 85 to 98

Materials

Body:

PBT

Seals:

NBR (silicone free) u-packing and O-rings

Threaded bodies:

Nickel plated brass

Release sleeve and backing ring:

POM

Grab-ring:

Stainless steel

Collar:

Nickel plated brass

Thread sealant:

Chemitech G-175L

● PNEUFIT M

Metric 3, 4, 6 mm O/D tube



- IMI Norgren Pneufit® M fittings are ready to use, offering fast assembly with no need for tools and providing optimum flow
- Releasable stainless-steel grab ring to grip nylon or polyurethane tube (85 or 95 durometer)
- Nickel plated brass components provide corrosion and contamination resistance and an extended life
- Pre applied thread sealant on all taper threads and recessed captive O-ring on parallel threads provides optimum rapid sealing
- Immediate quality sealing using silicone free U-packing
- Miniature Pneufit® M is an ultra compact alternative where space is at a premium

Technical Data

Medium:

Compressed air

Operating pressure:

750 mm Hg vacuum, up to 10 bar

Ambient temperature:

-20°C ... +60°C

Air supply must be dry enough to avoid ice formation at temperatures below +2°C

Tubing:

Nylon 11 or 12, polyurethane 85 to 98

Materials

Body:

PBT

Seals:

NBR (silicone free) u-packing and O-rings

Threaded bodies:

Nickel plated brass

Release sleeve and backing ring:

POM

Grab-ring:

Stainless steel

Collar:

Nickel plated brass

Thread sealant:

Chemitech G-175L

Warning: The push-in tube fittings in this section must not be used in vehicle air braking and ancillary systems. For push-in fittings suitable for these applications please refer to our Fleetfit range on our website.

● PNEUFIT S

Metric Ø 4mm ... 12mm



- Resistant to aggressive environments
- Suitable for food and beverage applications
- Very compact units
- Easy tube insertion and removal for rapid assembly of pneumatic circuits
- Positive tube anchorage
- Straight adaptors feature internal hexagon for allen key
- Swivel function on all elbows and tees

Technical Data

Medium:

Compressed air

For other media please consult Technical Department

Operating pressure:

Vacuum – 15 bar

(dependent upon operating specification of tubing)

Ambient temperature:

-15°C ... +225°C

Air supply must be dry enough to avoid ice formation at temperatures below +2°C

Tubing types:

Nylon 6, 11 or 12, Polyurethane 85 to 98 Shore

A hardness (33 to 52 Shore D) and PTFE tubing

Materials

Body, release sleeve and grab ring:

Aisi 316L (1.4404) stainless steel

'O' ring and thread seal (BSPP):

FPM

Lubricants:

FDA approved

Large variety
of fittings



Clear lid holds
fittings in place

Precision. Engineered.

Pneufit C Selection Box

We know that many of our customers use a wide range of fittings, and if they have an emergency, valuable time is wasted looking for a replacement.

Solve this problem by ordering our selection boxes for immediate use when required. Four kits available covering popular tube sizes:

- > Up to 360 items in each kit – straight connectors, elbows, tees, tube connectors, plugs
- > Includes handy tube cutter ensuring perfect joint
- > Strong moulded carry case
- > Contents identified for easy re-ordering

Model	Type
NE/11152	4 & 6 mm fittings kit
NE/11154	4 & 8 mm fittings kit
NE/11433	8 & 10 mm fittings kit
NE/11376	10 & 12 mm fittings kit

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Find out more

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 **IMI NORGREN**

PUSH-IN FITTINGS

Straight adaptors and connectors

● Straight Adaptor (External & Internal) Parallel



Metric & BSPP Thread	O/D Tube	Pneufit	Pneufit C	Pneufit M	Pneufit S
M3	3	-	-	M02250303	-
M3	4	102250403	-	M02250403	-
M5	3	-	-	M02250305	-
M5	4	102250405	C02250405	M02250405	S02250405
M5	5	102250505	-	-	-
M5	6	102250605	C02250605	M02250605	-
M6	3	-	-	M02250306	S02250418
M6	4	-	C02250406	M02250406	-
M6	6	-	C02250606	M02250606	-
G1/8	4	102250418	C02250418	-	-
G1/8	5	102250518	-	-	-
G1/8	6	102250618	C02250618	-	S02250618
G1/8	8	102250818	C02250818	-	S02250818
G1/8	10	102251018	C02251018	-	-
G1/4	4	102250428	C02250428	-	S02250428
G1/4	5	102250528	-	-	-
G1/4	6	102250628	C02250628	-	S02250628
G1/4	8	102250828	C02250828	-	S02250828
G1/4	10	102251028	C02251028	-	S02251028
G1/4	12	102251228	C02251228	-	-
G3/8	4	-	C02250438	-	-
G3/8	6	-	C02250638	-	-
G3/8	8	102250838	C02250838	-	-
G3/8	10	102251038	C02251038	-	S02251038
G3/8	12	102251238	C02251238	-	S02251238
G3/8	14	102251438	-	-	-
G3/8	16	-	C02251638	-	-
G1/2	8	102250848	C02250848	-	-
G1/2	10	102251048	C02251048	-	-
G1/2	12	102251248	C02251248	-	S02251248
G1/2	14	102251448	-	-	-
G1/2	16	-	C02251648	-	-

● Straight Adaptor (External & Internal) Taper



BSPT Thread	O/D Tube	Pneufit	Pneufit C	Pneufit M	Pneufit S
R1/8	4	101250418	C01250418	M01250418	S01250418
R1/8	5	101250518	-	-	-
R1/8	6	101250618	C01250618	M01250618	S01250618
R1/8	8	101250818	C01250818	-	S01250818
R1/8	10	101251018	C01251018	-	-
R1/8	12	-	C01251218	-	-
R1/4	4	101250428	C01250428	-	S01250428
R1/4	5	101250528	-	-	-
R1/4	6	101250628	C01250628	-	S01250628
R1/4	8	101250828	C01250828	-	S01250828
R1/4	10	101251028	C01251028	-	S01251028
R1/4	12	101251228	C01251228	-	-
R3/8	4	-	C01250438	-	-
R3/8	6	-	C01250638	-	-
R3/8	8	101250838	C01250838	-	-
R3/8	10	101251038	C01251038	-	S01251038
R3/8	12	101251238	C01251238	-	S01251238
R3/8	14	101251438	-	-	-
R3/8	16	-	C01251638	-	-
R1/2	6	-	C01250648	-	-
R1/2	8	101250848	C01250848	-	-
R1/2	10	101251048	C01251048	-	-
R1/2	12	101251248	C01251248	-	S01251248
R1/2	14	101251448	-	-	-
R1/2	16	-	C01251648	-	-

PUSH-IN FITTINGS

Straight adaptors and connectors

- Straight Adaptor (Internal Hex Only) Parallel



Metric & BSPP Thread	O/D Tube	Pneufit C	Pneufit M
M3	3	–	M022A0303
M3	4	–	M022A0403
M5	3	–	M022A0305
M5	4	C022A0405	M022A0405
M5	6	C022A0605	M022A0605
M6	3	–	M022A0306
M6	4	C022A0406	M022A0406
M6	6	C022A0606	M022A0606

- Straight Adaptor (Internal Hex Only) Taper



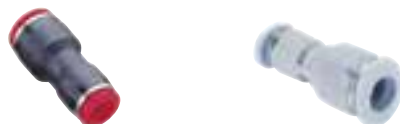
BSPT	O/D Tube	Pneufit C	Pneufit M
R1/8	4	C012A0418	M012A0418
R1/8	6	C012A0618	M012A0618
R1/8	8	C012A0818	–
R1/8	10	C012A1018	–
R1/8	12	C012A1218	–
R1/4	4	C012A0428	–
R1/4	6	C012A0628	–
R1/4	8	C012A0828	–
R1/4	10	C012A1028	–
R1/4	12	C012A1228	–
R3/8	4	C012A0438	–
R3/8	6	C012A0638	–
R3/8	8	C012A0838	–
R3/8	10	C012A1038	–
R3/8	12	C012A1238	–
R1/2	8	C012A0848	–
R1/2	10	C012A1048	–
R1/2	12	C012A1248	–

- Straight Union (Equal)



O/D Tube	O/D Tube	Pneufit	Pneufit C	Pneufit M	Pneufit S
3	3	–	–	M00200300	–
4	4	100200400	C00200400	M00200400	S00200400
5	5	100200500	–	–	–
6	6	100200600	C00200600	M00200600	S00200600
8	8	100200800	C00200800	–	S00200800
10	10	100201000	C00201000	–	S00201000
12	12	100201200	C00201200	–	S00201200
14	14	100201400	–	–	–
16	16	–	C00201600	–	–

- Straight Union (Unequal)



O/D Tube	O/D Tube	Pneufit C	Pneufit M
4	3	–	M00200403
6	3	–	M00200603
6	4	C00200604	M00200604
8	4	C00200804	–
8	6	C00200806	–
10	6	C00201006	–
10	8	C00201008	–
12	8	C00201208	–
12	10	C00201210	–
16	12	C00201612	–

PUSH-IN FITTINGS

Straight adaptors and connectors

● Bulkhead Connector



O/D Tube	Bulkhead Thread	Pneufit	Pneufit C	Pneufit S
4	M10x1,0	100290400	–	–
4	M12 x 1	–	C00290400	S00290400
5	M12x1,0	100290500	–	–
6	M14 x 1	–	C00290600	S00290600
6	M14x1,5	100290600	–	–
8	M16 x 1	–	C00290800	S00290800
8	M16x1,5	100290800	–	–
10	M20 x 1	–	C00291000	S00291000
10	M20x1,5	100291000	–	–
12	M22 x 1	–	C00291200	S00291200
12	M24x1,5	100291200	–	–
14	M24x1,5	100291400	–	–

● Mixed Bulkhead Connector



PIF to compression fitting			Pneufit
O/D Tube	O/D Tube	Thread	
4	4	M12x1,0	100310404
6	6	M15x1,0	100310606
8	8	M18x1,5	100310808
10	10	M20x1,5	100311010
12	12	M24x1,5	100311212

Supplied complete with tubing nut and sleeve.

● Straight Adaptor (Female Bulkhead Parallel)



Metric & BSPP Thread	O/D Tube	Pneufit C
G1/8	4	C02320418
G1/8	6	C02320618
G1/8	8	C02320818
G1/8	10	–
G1/4	4	C02320428
G1/4	6	C02320628
G1/4	8	C02320828
G1/4	10	C02321028
G1/4	12	C02321228
G3/8	4	C02320438
G3/8	6	C02320638
G3/8	8	C02320838
G3/8	10	C02321038
G3/8	12	C02321238
G3/8	16	–
G1/2	8	–
G1/2	10	C02321048
G1/2	12	C02321248

PUSH-IN FITTINGS

Straight adaptors and connectors

● Straight Adaptor (Female Thread)



Thread	O/D Tube	Pneufit	Pneufit C	Pneufit M
M3	3	-	-	M02260303
M3	4	-	-	M02260403
M5	3	-	-	M02260305
M5	4	102260405	C02260405	M02260405
M5	5	102260505	-	-
M5	6	-	-	M02260605
M6	3	-	-	M02260306
M6	4	-	-	M02260406
M6	6	-	-	M02260606
Rc1/8	4	-	-	M01260418
Rc1/8	6	-	-	M01260618
G1/8	10	-	-	-
G1/8	4	102260418	C02260418	-
G1/8	5	102260518	-	-
G1/8	6	102260618	C02260618	-
G1/8	8	102260818	C02260818	-
G1/8	10	-	C02261018	-
G1/4	4	102260428	C02260428	-
G1/4	5	102260528	-	-
G1/4	6	102260628	C02260628	-
G1/4	8	102260828	C02260828	-
G1/4	10	102261028	C02261028	-
G1/4	12	-	C02261228	-
G3/8	4	-	C02260438	-
G3/8	6	-	C02260638	-
G3/8	8	-	C02260838	-
G3/8	10	102261038	C02261038	-
G3/8	12	102261238	C02261238	-
G3/8	14	-	-	-
G3/8	16	-	-	-
G1/2	8	-	C02260848	-
G1/2	10	-	C02261048	-
G1/2	12	102261248	C02261248	-

● Stem Reducer



● Stem Union (Equal)



O/D Stem	O/D Tube	Pneufit	Pneufit C
5	4	100230504	-
6	4	100230604	C00230604
6	5	100230605	-
8	4	100230804	C00230804
8	5	100230805	-
8	6	100230806	C00230806
10	4	100231004	-
10	5	100231005	-
10	6	100231006	C00231006
10	8	100231008	C00231008
12	4	100231204	-
12	5	100231205	-
12	6	100231206	C00231206
12	8	100231208	C00231208
12	10	100231210	C00231210
14	6	100231406	-
14	8	100231408	-
14	10	100231410	-
14	12	100231412	-
16	12	-	C00231612

O/D Stem	Pneufit	Pneufit C
4	100220400	C00220400
5	100220500	-
6	100220600	C00220600
8	100220800	C00220800
10	100221000	C00221000
12	100221200	C00221200
14	100221400	-
16	-	C00221600

PUSH-IN FITTINGS

Straight adaptors and connectors

● Stem Expander (Stem/Tube)



O/D Stem	O/D Tube	Pneufit C
4	6	C00230406
6	8	C00230608

● Stem Union (Unequal)



O/D Stem	O/D Stem	Pneufit C
6	4	C00220604
8	6	C00220806
10	8	C00221008
12	10	C00221210
16	12	C00221612

● Stem Tailpiece Adaptor



O/D Stem	Hose Bore	Pneufit
5	6,5	100190505
6	6,5	100190605
6	8	100190606
8	8	100190806
8	9,6	100190808
10	12	100191010
12	12	100191210
12	15	100191212

● Straight Stem Adaptor - Taper



BSPT Thread	O/D Stem	Pneufit
R1/8	4	101150418
R1/8	5	101150518
R1/8	6	101150618
R1/8	8	101150818
R1/8	10	-
R1/8	12	-
R1/4	4	101150428
R1/4	5	101150528
R1/4	6	101150628
R1/4	8	101150828
R1/4	10	101151028
R1/4	12	-
R3/8	4	-
R3/8	6	-
R3/8	8	101150838
R3/8	10	101151038
R3/8	12	101151238
R1/2	8	-
R1/2	10	101151048
R1/2	12	101151248
R1/2	14	101151448

● Plug



O/D Tube	Pneufit C
4	C00040400
6	C00040600
8	C00040800
10	C00041000
12	C00041200
16	C00041600

● Straight Stem Adaptor - Parallel



BSPP Thread	O/D Stem	Pneufit
G1/8	4	102150418
G1/8	5	102150518
G1/8	6	102150618
G1/8	8	102150818
G1/4	4	102150428
G1/4	5	102150528
G1/4	6	102150628
G1/4	8	102150818
G1/4	10	102151028
G3/8	8	102150838
G3/8	10	102151038
G3/8	12	102151238
G3/8	14	102151438
G1/2	10	102151048
G1/2	12	102151248
G1/2	14	102151448

● Cap (Female Plug)



O/D Tube	Pneufit C
4	C00120400
6	C00120600
8	C00120800
10	C00121000
12	C00121200
16	C00121600

PUSH-IN FITTINGS

Elbow adaptors and connectors

● Elbow Union (Equal)



O/D Tube	O/D Tube	Pneufit	Pneufit C	Pneufit M	Pneufit S
3	3	-	-	M00400300	-
4	4	100400400	C00400400	M00400400	S00400400
5	5	100400500	-	-	-
6	6	100400600	C00400600	M00400600	S00400600
8	8	100400800	C00400800	-	S00400800
10	10	100401000	C00401000	-	S00401000
12	12	100401200	C00401200	-	S00401200
14	14	100401400	-	-	-
16	16	-	C00401600	-	-

● Stem Elbow (Equal)



O/D Tube	O/D Stem	Pneufit	Pneufit C
4	4	100430400	C00430400
6	6	100430600	C00430600
8	8	100430800	C00430800
10	10	-	C00431000
12	12	-	C00431200
16	16	-	C00431600

● Fixed Elbow Adaptor - Taper



BSPT Thread	O/D Tube	Pneufit
R1/8	4	101450418
R1/8	5	101450518
R1/8	6	101450618
R1/8	8	101450818
R1/8	10	101451018
R1/4	4	101450428
R1/4	5	101450528
R1/4	6	101450628
R1/4	8	101450828
R1/4	10	101451028
R1/4	12	101451228
R3/8	8	101450838
R3/8	10	101451038
R3/8	12	101451238
R1/2	8	101450848
R1/2	10	101451048
R1/2	12	101451248

PUSH-IN FITTINGS

Elbow adaptors and connectors

● 90° Swivel Elbow Adaptor - Parallel



Metric & BSPP Thread	O/D Tube	Pneufit	Pneufit C	Pneufit M	Pneufit S
M3	3	-	-	M02470303	-
M3	4	102470403	-	M02470403	-
M5	3	-	-	M02470305	-
M5	4	102470405	C02470405	M02470405	S02470405
M5	5	102470505	-	-	-
M5	6	102470605	C02470605	M02470605	-
M6	3	-	-	M02470306	-
M6	4	-	C02470406	M02470406	-
M6	6	-	C02470606	M02470606	-
G1/8	4	102470418	C02470418	-	S02470418
G1/8	5	102470518	-	-	-
G1/8	6	102470618	C02470618	-	S02470618
G1/8	8	102470818	C02470818	-	S02470818
G1/8	10	102471018	C02471018	-	-
G1/4	4	102470428	C02470428	-	S02470428
G1/4	5	102470528	-	-	-
G1/4	6	102470628	C02470628	-	S02470628
G1/4	8	102470828	C02470828	-	S02470828
G1/4	10	102471028	C02471028	-	S02471028
G1/4	12	102471228	C02471228	-	-
G3/8	4	-	C02470438	-	-
G3/8	6	-	C02470638	-	-
G3/8	8	102470838	C02470838	-	-
G3/8	10	102471038	C02471038	-	S02471038
G3/8	12	102471238	C02471238	-	S02471238
G3/8	14	102471438	-	-	-
G3/8	16	-	C02471638	-	-
G1/2	8	102470848	C02470848	-	-
G1/2	10	102471048	C02471048	-	-
G1/2	12	102471248	C02471248	-	S02471248
G1/2	14	102471448	-	-	-
G1/2	16	-	C02471648	-	-

● 90° Swivel Elbow Adaptor - Taper



BSPT Thread	O/D Tube	Pneufit	Pneufit C	Pneufit M	Pneufit S
R1/8	4	101470418	C01470418	M01470418	S01470418
R1/8	5	101470518	-	-	-
R1/8	6	101470618	C01470618	M01470618	S01470618
R1/8	8	101470818	C01470818	-	S01470818
R1/8	10	101471018	C01471018	-	-
R1/8	12	-	C01471218	-	-
R1/4	4	101470428	C01470428	-	S01470428
R1/4	5	101470528	-	-	-
R1/4	6	101470628	C01470628	-	S01470628
R1/4	8	101470828	C01470828	-	S01470828
R1/4	10	101471028	C01471028	-	S01471028
R1/4	12	101471228	C01471228	-	-
R3/8	4	-	C01470438	-	-
R3/8	6	-	C01470638	-	-
R3/8	8	101470838	C01470838	-	-
R3/8	10	101471038	C01471038	-	S01471038
R3/8	12	101471238	C01471238	-	S01471238
R3/8	14	101471438	-	-	-
R3/8	16	-	C01471638	-	-
R1/2	6	-	C01470648	-	-
R1/2	8	101470848	C01470848	-	-
R1/2	10	101471048	C01471048	-	-
R1/2	12	101471248	C01471248	-	S01471248
R1/2	14	101471448	-	-	-
R1/2	16	-	C01471648	-	-

PUSH-IN FITTINGS

Elbow adaptors and connectors

● 90° Swivel Elbow Adaptor (Extended)



Metric & BSPT Thread	O/D Tube	Pneufit	Pneufit C
M5	4	–	C02540405
M5	6	–	C02540605
M6	4	–	C02540406
M6	6	–	C02540606
R1/8	4	101540418	C01540418
R1/8	6	101540618	C01540618
R1/8	8	101540818	C01540818
R1/8	10	–	C01541018
R1/8	12	–	C01541218
R1/4	4	101540428	C01540428
R1/4	6	101540628	C01540628
R1/4	8	101540828	C01540828
R1/4	10	–	C01541028
R1/4	12	–	C01541228
R3/8	4	101540838	C01540438
R3/8	6	–	C01540638
R3/8	8	–	C01540838
R3/8	10	101541038	C01541038
R3/8	12	–	C01541238
R3/8	16	–	C01541638
R1/2	6	–	C01540648
R1/2	8	–	C01540848
R1/2	10	–	C01541048
R1/2	12	–	C01541248
R1/2	16	–	C01541648

● 90° Swivel Elbow Adaptor (Female)



Metric & BSPT Thread	O/D Tube	Pneufit C
M5	4	C02480405
M5	6	C02480605
M6	4	C02480406
M6	6	C02480606
Rc1/8	4	C01480418
Rc1/8	6	C01480618
Rc1/8	8	C01480818
Rc1/4	4	C01480428
Rc1/4	6	C01480628
Rc1/4	8	C01480828
Rc1/4	10	C01481028
Rc1/4	12	C01481228
Rc3/8	6	C01480638
Rc3/8	8	C01480838
Rc3/8	10	C01481038
Rc3/8	12	C01481238
Rc1/2	10	C01481048
Rc1/2	12	C01481248

● Bulkhead Swivel Elbow Connector



O/D Tube	Bulkhead thread	Pneufit	Pneufit C
4	M12 x1,0	100490400	C00490400
5	M12x1,0	100490500	–
6	M14x1,0	–	C00490600
6	M14x1,5	100490600	–
8	M16 x 1	–	C00490800
8	M16x1,5	100490800	–
10	M20 x 1	–	C00491000
10	M22x1,5	100491000	–
12	M22 x 1	–	C00491200
12	M24x1,5	100491200	–

● 45° Swivel Adaptor - Parallel



BSPP Thread	O/D Stem	Pneufit
G1/8	6	102570618
G1/8	8	102570818
G1/4	6	102570628
G1/4	8	102570828

PUSH-IN FITTINGS

Y and quadruple connectors

● Union Y (Equal)



O/D Tube	Pneufit	Pneufit C	Pneufit M
3	–	–	M00820300
4	100820400	C00820400	M00820400
6	100820600	C00820600	M00820600
8	100820800	C00820800	–
10	100821000	C00821000	–
12	–	C00821200	–

● Union Y (Unequal)



O/D Tube	O/D Tube	Pneufit	Pneufit C	Pneufit M
4	3	–	–	M00820403
4	6	–	C00820604	–
4	8	–	C00820804	–
6	3	–	–	M00820603
6	4	100820604	–	M00820604
6	10	–	C00821006	–
8	6	100820806	–	–
8	10	–	C00821008	–
8	12	–	C00821208	–
10	8	100821008	–	–
10	12	–	C00821210	–

● Swivel Y Adaptor - Taper



● Swivel Y Adaptor - Parallel



BSPT Thread	O/D Tube	Pneufit	Pneufit C
R1/8	4	101880418	C01880418
R1/8	6	101880618	C01880618
R1/8	8	101880818	C01880818
R1/8	10	–	C01881018
R1/8	12	–	C01881218
R1/4	4	–	C01880428
R1/4	6	–	C01880628
R1/4	8	101880828	C01880828
R1/4	10	–	C01881028
R1/4	12	–	C01881228
R3/8	4	–	C01880438
R3/8	6	–	C01880638
R3/8	8	–	C01880838
R3/8	10	101881038	C01881038
R3/8	12	–	C01881238
R1/2	6	–	C01880648
R1/2	8	–	C01880848
R1/2	10	101881048	C01881048
R1/2	12	–	C01881248

Metric & BSPP Thread	O/D Tube	Pneufit	Pneufit C
M5	4	102880405	C02880405
M5	6	102880605	C02880605
M6	4	–	C02880406
M6	6	–	C02880606
G1/8	4	–	C02880418
G1/8	6	–	C02880618
G1/8	8	–	C02880818
G1/8	10	–	C02881018
G1/4	4	–	C02880428
G1/4	6	–	C02880628
G1/4	8	–	C02880828
G1/4	10	–	C02881028
G1/4	12	–	C02881228
G3/8	4	–	C02880438
G3/8	6	–	C02880638
G3/8	8	–	C02880838
G3/8	10	–	C02881038
G3/8	12	–	C02881238
G1/2	6	–	C02880648
G1/2	8	–	C02880848
G1/2	10	–	C02881048
G1/2	12	–	C02881248

PUSH-IN FITTINGS

Y and quadruple connectors

● Stem Y (Equal)



O/D Stem	O/D Tube	Pneufit C
4	4	C00840400
6	6	C00840600
8	8	C00840800
10	10	C00841000
12	12	C00841200

● Stem Y (Unequal)



O/D Stem	O/D Tube	Pneufit C
6	4	C00840604
8	6	C00840806
10	8	C00841008
12	10	C00841210

● Quadruple Y Adaptor



BSPP & BSPT Thread	O/D Tube	Pneufit C
R1/8	4	C01950418
R1/8	6	C01950618
R1/4	4	C01950428
R1/4	6	C01950628
G1/8	4	C02950418
G1/8	6	C02950618
G1/4	4	C02950428
G1/4	6	C02950628

● Quadruple Reducer



O/D Tube	O/D Tube	Pneufit C
6	4	C00960604
8	6	C00960806

● Quadruple Reducer



O/D Stem	O/D Tube	Pneufit C
6	4	C00970604
8	6	C00970806

PUSH-IN FITTINGS

Tee adaptors and connectors

● Union Tee (Equal)



O/D Tube	Pneufit	Pneufit C	Pneufit M	Pneufit S
3	-	-	M00600300	-
4	100600400	C00600400	M00600400	S00600400
5	100600500	-	-	-
6	100600600	C00600600	M00600600	S00600600
8	100600800	C00600800	-	S00600800
10	100601000	C00601000	-	S00601000
12	100601200	C00601200	-	S00601200
14	100601400	-	-	-
16	-	C00601600	-	-

● Fixed Tee Adaptor - Taper



BSPT Thread	O/D Tube	Pneufit
R1/8	4	101650418
R1/8	5	101650518
R1/8	6	101650618
R1/8	8	101650818
R1/4	6	101650628
R1/4	8	101650828
R1/4	10	101651028
R1/4	12	101651228

● Union Tee (Unequal)



O/D Tube	O/D Tube	Pneufit C
4	6	C006A0604
6	8	C006A0806
6	10	C006A1006
8	10	C006A1008
8	12	C006A1208
10	12	C006A1210
10	16	C006A1610
12	16	C006A1612

● Fixed Side Tee Adaptor - Taper



BSPT Thread	O/D Tube	Pneufit
R1/8	4	101750418
R1/8	5	101750518
R1/8	6	101750618
R1/8	8	101750818
R1/4	5	101750528
R1/4	6	101750628
R1/4	8	101750828
R1/4	10	101751028
R1/4	12	101751228
R3/8	8	101750838
R3/8	10	101751038
R3/8	12	101751238

PUSH-IN FITTINGS

Tee adaptors and connectors

● Swivel Tee Adaptor - Parallel



Metric & BSPP Thread	O/D Tube	Pneufit	Pneufit C	Pneufit M	Pneufit S
M3	3	-	-	M02670303	-
M3	4	-	-	M02670403	-
M5	3	-	-	M02670305	-
M5	4	102670405	C02670405	M02670405	S02670405
M5	5	102670505	-	-	-
M5	6	102670605	C02670605	M02670605	-
M6	3	-	-	M02670306	-
M6	4	-	C02670406	M02670406	-
M6	6	-	C02670606	M02670606	-
G1/8	4	102670418	C02670418	-	S02670418
G1/8	5	102670518	-	-	-
G1/8	6	102670618	C02670618	-	S02670618
G1/8	8	102670818	C02670818	-	S02670818
G1/8	10	-	C02671018	-	-
G1/4	4	102670428	C02670428	-	-
G1/4	6	102670628	C02670628	-	S02670628
G1/4	8	102670828	C02670828	-	S02670828
G1/4	10	102671028	C02671028	-	S02671028
G1/4	12	102671228	C02671228	-	-
G3/8	4	-	C02670438	-	-
G3/8	6	-	C02670638	-	-
G3/8	8	102670838	C02670838	-	-
G3/8	10	102671038	C02671038	-	S02671038
G3/8	12	102671238	C02671238	-	S02671238
G3/8	14	102671438	-	-	-
G3/8	16	-	C02671638	-	-
G1/2	8	-	C02670848	-	-
G1/2	10	-	C02671048	-	S02671048
G1/2	12	-	C02671248	-	-
G1/2	14	102671448	-	-	-
G1/2	16	-	C02671648	-	-

● Swivel Tee Adaptor - Taper



BSPT Thread	O/D Tube	Pneufit	Pneufit C	Pneufit M	Pneufit S
R1/8	4	101670418	C01670418	M01670418	S01670418
R1/8	5	101670518	-	-	-
R1/8	6	101670618	C01670618	M01670618	S01670618
R1/8	8	101670818	C01670818	-	S01670818
R1/8	10	-	C01671018	-	-
R1/8	12	-	C01671218	-	-
R1/4	4	101670428	C01670428	-	-
R1/4	6	101670628	C01670628	-	S01670628
R1/4	8	101670828	C01670828	-	S01670828
R1/4	10	101671028	C01671028	-	S01671028
R1/4	12	101671228	C01671228	-	-
R3/8	4	-	C01670438	-	-
R3/8	6	-	C01670638	-	-
R3/8	8	101670838	C01670838	-	-
R3/8	10	101671038	C01671038	-	S01671038
R3/8	12	101671238	C01671238	-	S01671238
R3/8	14	101671438	-	-	-
R3/8	16	-	C01671638	-	-
R1/2	6	-	C01670648	-	-
R1/2	8	-	C01670848	-	-
R1/2	10	101671048	C01671048	-	S01671048
R1/2	12	101671248	C01671248	-	S01671248
R1/2	14	101671448	-	-	-
R1/2	16	-	C01671648	-	-

PUSH-IN FITTINGS

Tee adaptors and connectors

● Swivel Tee Adaptor (Female)



Metric & BSPT Thread	O/D Tube	Pneufit C
M5	4	C026C0405
M5	6	C026C0605
M6	4	C026C0406
M6	6	C026C0606
Rc1/8	4	C016C0418
Rc1/8	6	C016C0618
Rc1/8	8	C016C0818
Rc1/8	10	C016C1018
Rc1/4	4	C016C0428
Rc1/4	6	C016C0628
Rc1/4	8	C016C0828
Rc1/4	10	C016C1028
Rc1/4	12	C016C1228
Rc3/8	6	C016C0638
Rc3/8	8	C016C0838
Rc3/8	10	C016C1038
Rc3/8	12	C016C1238
Rc1/2	8	C016C0848
Rc1/2	10	C016C1048
Rc1/2	12	C016C1248

● Swivel Side Tee Adaptor - Parallel



Metric & BSPP Thread	O/D Tube	Pneufit	Pneufit C	Pneufit M
M3	3	–	–	M02680303
M3	4	–	–	M02680403
M5	3	–	–	M02680305
M5	4	102680405	C02680405	M02680405
M5	6	–	C02680605	M02680605
M6	3	–	–	M02680306
M6	4	–	C02680406	M02680406
M6	6	–	C02680606	M02680606
G1/8	4	102680418	C02680418	–
G1/8	6	102680618	C02680618	–
G1/8	8	102680818	C02680818	–
G1/8	10	–	C02681018	–
G1/4	4	–	C02680428	–
G1/4	6	102680628	C02680628	–
G1/4	8	102680828	C02680828	–
G1/4	10	102681028	C02681028	–
G1/4	12	102681228	C02681228	–
G3/8	4	–	C02680438	–
G3/8	6	–	C02680638	–
G3/8	8	102680838	C02680838	–
G3/8	10	102681038	C02681038	–
G3/8	12	102681238	C02681238	–
G3/8	14	102681438	–	–
G1/2	8	–	C02680848	–
G1/2	10	–	C02681048	–
G1/2	12	–	C02681248	–
G1/2	14	102681448	–	–

PUSH-IN FITTINGS

Tee adaptors and connectors

● Swivel Side Tee Adaptor - Taper



BSPT Thread	O/D Tube	Pneufit	Pneufit C	Pneufit M
R1/8	4	101680418	C01680418	M01680418
R1/8	5	101680518	-	-
R1/8	6	101680618	C01680618	M01680618
R1/8	8	101680818	C01680818	-
R1/8	10	101681038	C01681018	-
R1/8	12	-	C01681218	-
R1/4	4	101680428	C01680428	-
R1/4	6	101680628	C01680628	-
R1/4	8	101680828	C01680828	-
R1/4	10	101681028	C01681028	-
R1/4	12	101681228	C01681228	-
R3/8	4	-	C01680438	-
R3/8	6	-	C01680638	-
R3/8	8	101680838	C01680838	-
R3/8	10	-	C01681038	-
R3/8	12	101681238	C01681238	-
R3/8	14	101681438	-	-
R1/2	6	-	C01680648	-
R1/2	8	-	C01680848	-
R1/2	10	-	C01681048	-
R1/2	12	101681248	C01681248	-
R1/2	14	101681448	-	-

● Stem Tee (Equal)



O/D Stem	O/D Tube	Pneufit C
4	4	C00630400
6	6	C00630600
8	8	C00630800
10	10	C00631000
12	12	C00631200

● Stem Tee (Unequal)



O/D Stem	O/D Tube	Pneufit C
6	4	C00630604
8	6	C00630806
10	8	C00631008
12	10	C00631210

● Stem Tee (Equal)



O/D Stem	O/D Tube	Pneufit C
4	4	C00640400
6	6	C00640600
8	8	C00640800
10	10	C00641000
12	12	C00641200

● Stem Tee (Unequal)



O/D Stem	O/D Tube	Pneufit C
6	4	C00640604
8	6	C00640806
10	8	C00641008
12	10	C00641210

PUSH-IN FITTINGS

Banjo flow controler and banjo accessories

● Banjo Flow Control - Taper (Regulating Out)



BSPT Thread	O/D Tube	Pneufit*	Pneufit C
R1/8	4	10TA00418	C0TA00418
R1/8	6	10TA00618	C0TA00618
R1/8	8	–	C0TA00818
R1/4	4	–	C0TA00428
R1/4	6	10TA00628	C0TA00628
R1/4	8	10TA00828	C0TA00828
R1/4	10	10TA01028	C0TA01028
R1/4	12	–	C0TA01228
R3/8	6	–	C0TA00638
R3/8	8	10TA00838	C0TA00838
R3/8	10	10TA01038	C0TA01038
R3/8	12	–	C0TA01238
R1/2	8	–	C0TA00848
R1/2	10	–	C0TA01048
R1/2	12	10TA01248	C0TA01248

*Pressure rating on this item 10 bar.

● Banjo Flow Assembly (Regulating Out)



BSPT Thread	O/D Tube	Pneufit
R1/8	4	10T000418
R1/8	6	10T000618
R1/8	8	10T000818
R1/4	6	10T000628
R1/4	8	10T000828
R1/4	10	10T001028
R3/8	8	10T000838
R3/8	10	10T001038
R1/2	12	10T001248

● Banjo Flow Control - Taper (Regulating In)



BSPT Thread	O/D Tube	Pneufit C
R1/8	4	C0SA00418
R1/8	8	C0SA00618
R1/8	8	C0SA00818
R1/4	4	C0SA00428
R1/4	6	C0SA00628
R1/4	8	C0SA00828
R1/4	10	C0SA01028
R1/4	12	C0SA01228
R3/8	6	C0SA00638
R3/8	8	C0SA00838
R3/8	10	C0SA01038
R3/8	12	C0SA01238
R1/2	8	C0SA00848
R1/2	10	C0SA01048
R1/2	12	C0SA01248

● Banjo Flow Control - Parallel (Regulating Out)



Metric & BSPP Thread	O/D Tube	Pneufit	Pneufit C
M5	3	–	C0K510305
M5	4	10K510405	C0K510405
M5	5	10K510505	–
M5	6	10K510605	C0K510605
G1/8	4	10K510418	C0K510418
G1/8	5	10K510518	–
G1/8	6	10K510618	C0K510618
G1/8	8	10K510818	C0K510818
G1/4	4	–	C0K510428
G1/4	6	10K510628	C0K510628
G1/4	8	10K510828	C0K510828
G1/4	10	10K511028	C0K511028
G1/4	12	–	C0K511228
G3/8	6	–	C0K510638
G3/8	8	10K510838	C0K510838
G3/8	10	10K511038	C0K511038
G3/8	12	10K511238	C0K511238
G1/2	8	–	C0K510848
G1/2	10	–	C0K511048
G1/2	12	10K511248	C0K511248

● Banjo Flow Control - Parallel (Regulating In)



Metric & BSPP Thread	O/D Tube	Pneufit C
M5	3	COL510305
M5	4	COL510405
M5	6	COL510605
G1/8	4	COL510418
G1/8	6	COL510618
G1/8	8	COL510818
G1/4	4	COL510428
G1/4	6	COL510628
G1/4	8	COL510828
G1/4	10	COL511028
G1/4	12	COL511228
G3/8	6	COL510638
G3/8	8	COL510838
G3/8	10	COL511038
G3/8	12	COL511238
G1/2	8	COL510848
G1/2	10	COL511048
G1/2	12	COL511248

PUSH-IN FITTINGS

Banjo flow controller and banjo accessories

- Elbow Banjo Assembly (Non-Regulating Bolt - Parallel)



Metric & BSPP Thread	O/D Tube	Pneufit	Pneufit C
M5	4	10A510405	C0A510405
M5	5	10A510505	-
M5	6	10A510605	C0A510605
G1/8	4	10A510418	C0A510418
G1/8	6	10A510618	C0A510618
G1/8	8	10A510818	C0A510818
G1/4	4	-	C0A510428
G1/4	6	10A510628	C0A510628
G1/4	8	10A510828	C0A510828
G1/4	10	10A511028	C0A511028
G3/8	6	-	C0A510638
G3/8	8	10A510838	C0A510838
G3/8	10	10A511038	C0A511038
G3/8	12	-	C0A511238
G1/2	8	-	C0A510848
G1/2	10	-	C0A511048
G1/2	12	-	C0A511248

- Tee Banjo Assembly (Non-Regulating Bolt - Parallel)



Metric & BSPP Thread	O/D Tube	Pneufit
M5	4	10A710405
G1/8	4	10A710418
G1/8	6	10A710618
G1/8	8	10A710818
G1/4	6	10A710628
G1/4	8	10A710828

- Shrouded Banjo (Regulating Out - Taper)



BSPT Thread	O/D Tube	Pneufit C
R1/8	4	C0TB00418
R1/8	6	C0TB00618
R1/8	8	C0TB00818
R1/4	4	C0TB00428
R1/4	6	C0TB00628
R1/4	8	C0TB00828
R1/4	10	C0TB01028
R1/4	12	C0TB01228
R3/8	6	C0TB00638
R3/8	8	C0TB00838
R3/8	10	C0TB01038
R3/8	12	C0TB01238
R1/2	8	C0TB00848
R1/2	10	C0TB01048
R1/2	12	C0TB01248

- Shrouded Banjo (Regulating Out - Parallel)



BSPT Thread	O/D Tube	Pneufit C
M5	4	C0KB00405
M5	6	C0KB00605
G1/8	4	C0KB00418
G1/8	6	C0KB00618
G1/8	8	C0KB00818
G1/4	4	C0KB00428
G1/4	6	C0KB00628
G1/4	8	C0KB00828
G1/4	10	C0KB01028
G1/4	12	C0KB01228
G3/8	6	C0KB00638
G3/8	8	C0KB00838
G3/8	10	C0KB01038
G3/8	12	C0KB01238
G1/2	8	C0KB00848
G1/2	10	C0KB01048
G1/2	12	C0KB01248

- Swivel Banjo (Regulating Out - Taper)



BSPT Thread	O/D Tube	Pneufit C
R1/8	4	C0T560418
R1/8	6	C0T560618
R1/8	8	C0T560818
R1/4	4	C0T560428
R1/4	6	C0T560628
R1/4	8	C0T560828
R1/4	10	C0T561038
R1/4	12	C0T561228
R3/8	6	C0T560638
R3/8	8	C0T560838
R3/8	10	C0T561048
R3/8	12	C0T561238
R1/2	8	C0T560828
R1/2	10	C0T561048
R1/2	12	C0T561248

- Swivel Banjo Flow Control (Regulating Out - Parallel)



Metric & BSPP Thread	O/D Tube	Pneufit C
M5	4	C0K560405
M5	6	C0K560605
G1/8	4	C0K560418
G1/8	6	C0K560618
G1/8	8	C0K560818
G1/4	4	C0K560428
G1/4	6	C0K560628
G1/4	8	C0K560828
G1/4	10	C0K561038
G1/4	12	C0K561228
G3/8	6	C0K560638
G3/8	8	C0K560838
G3/8	10	C0K561048
G3/8	12	C0K561238
G1/2	8	C0K560828
G1/2	10	C0K561048
G1/2	12	C0K561248

PUSH-IN FITTINGS

Banjo flow controller and banjo accessories

- Flow Control + Pilot Check - Taper



BSPT Thread		O/D Tube	Pneufit C
R1/8		6	C01GN0618
R1/8		8	C01GN0818
R1/4		6	C01GN0628
R1/4		8	C01GN0828
R3/8		8	C01GN0838
R3/8		10	C01GN1038
R3/8		12	C01GN1238
R1/2		10	C01GN1048
R1/2		12	C01GN1248

- Flow Control + Pilot Check - Parallel



BSPP Thread		O/D Tube	Pneufit C
G1/8		6	C02GN0618
G1/8		8	C02GN0818
G1/4		6	C02GN0628
G1/4		8	C02GN0828
G3/8		8	C02GN0838
G3/8		10	C02GN1038
G3/8		12	C02GN1238
G1/2		10	C02GN1048

- Elbow banjo body - Taper



Bolt Thread	O/D Tube	Pneufit
M5	4	100510405
M5	5	100510505
M5	6	100510605
G1/8	4	100510418
G1/8	6	100510618
G1/8	8	100510818
G1/4	6	100510628
G1/4	8	100510828
G1/4	10	100511028
G3/8	8	100510838
G3/8	10	100511038
G3/8	12	100511238
G1/2	12	100511248

- Tee Banjo Body - Taper



Bolt Thread	O/D Tube	Pneufit
M5	4	100710405
M5	6	100710605
G1/8	4	100710418
G1/8	6	100710618
G1/8	8	100710818
G1/4	6	100710628
G1/4	8	100710828

- Banjo Bolt Parallel Non-Regulating Single Stacking - Parallel



Metric & BSPP Thread	Pneufit
M5	20A000005
G1/8	20A000018
G1/4	20A000028
G3/8	20A000038
G1/2	20A000048

- Regulating Out Banjo Parallel Bolts Single Stacking (screwdriver adjustable - Parallel)



Metric & BSPP Thread	Flow	Pneufit
M5	Reg in	20L000005
G1/8A	Reg out	20K000018
G1/8A	Reg in	20L000018
G1/8A	Bi direc	20M000018
G1/4A	Reg out	20K000028
G1/4A	Reg in	20L000028
G1/4A	Bi direc	20M000028
G3/8A	Reg in	20L000038
G1/2A	Bi direc	20M000048

PUSH-IN FITTINGS

Banjo flow controller and banjo accessories

- Banjo Bolt Non-Regulating Single Stacking with top port - Parallel



Bolt Thread		Pneufit
Bolt Thread	Port Thread	
G1/8	G1/8	20E001818
G1/4	G1/4	20F002828
G3/8	G3/8	20G003838

- Banjo Bolt Non-Regulating Double Stacking - Parallel



Metric & BSPP Thread	Pneufit
M5	20B000005
G1/8	20B000018
G1/4	20B000028
G3/8	20B000038
G1/2	20B000048

- Banjo Bolt Non-Regulating Triple Stacking - Parallel



BSPP Thread	Pneufit
G1/8	20C000018
G1/4	20C000028
G3/8	20C000038

PUSH-IN FITTINGS

Cross and manifolds

● Elbow Manifold



		Pneufit
O/D Tube Inlet	O/D Tube Outlet (x6)	
8	4	100D60804
8	6	100D60806
10	6	100D61006
10	8	100D61008

● Elbow Manifold - Taper



		Pneufit	
BSPT Thread	O/D Tube Inlet	O/D Tube Outlet (x6)	
R1/4	8	6	101D60628
R3/8	8	6	101D60638
R1/2	10	8	101D60848

● Manifold Union



		Pneufit C
O/D Tube Outlet	O/D Tube Inlet	
4	6	C00D30604
4	8	C00D30804
6	8	C00D30806
6	10	C00D31006
8	10	C00D31008

● Adaptor Manifold - Taper



		Pneufit C	
BSPT Thread	O/D Tube	O/D Tube	
R1/8	4	6	C01D30418
R1/8	4	8	C01D30428
R1/4	6	8	C01D30628
R3/8	8	10	C01D30838

● Union Cross



	Pneufit C
O/D Tube	
4	C00900400
6	C00900600
8	C00900800
10	C00901000
12	C00901200

● Stem Manifold



		Pneufit C	
O/D Stem	O/D Tube	O/D Tube	
6	4	6	C00J30604
8	4	8	C00J30804
8	6	8	C00J30806
10	8	10	C00J31008

PUSH-IN FITTINGS

Banjos

- Banjo with Top Port - M5 & Taper



Metric & BSPT Thread	O/D Tube	Pneufit C
M5	4	COD510405
M5	6	COD510605
R1/8	4	COE510418
R1/8	6	COE510618
R1/8	8	COE510818
R1/4	4	COF510428
R1/4	6	COF510628
R1/4	8	COF510828
R1/4	10	COF511028
R3/8	6	COG510638
R3/8	8	COG510838
R3/8	10	COG511038
R3/8	12	COG511238

- Branch adaptor (Male)



Metric & BSPP & BSPT Thread	O/D Tube	Pneufit C
M5	4	COA700405
G1/8	6	COA700618
G1/4	8	COA700828
G1/4	10	COA701028
G3/8	10	COA701038
G3/8	12	COA701238
G1/2	12	COA701248
R1/8	6	CON700618
R1/4	8	CON700828
R1/4	10	CON701028
R3/8	10	CON701038
R3/8	12	CON701238
R1/2	12	CON701248

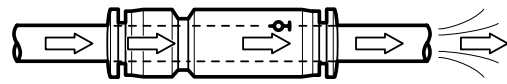
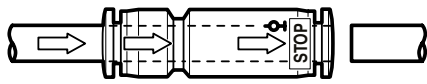
- Branch adaptor (Female)



Metric & BSPP & BSPT Thread	O/D Tube	Pneufit C
M5	4	COD7K0405
G1/8	6	COE7K0618
G1/4	8	COF7K0828
G1/4	10	COF7K1028
G3/8	10	COG7K1038
G3/8	12	COG7K1238
G1/2	12	COH7K1248
R1/8	6	COE7J0618
R1/4	8	COF7J0828
R1/4	10	COF7J1028
R3/8	10	COG7J1038
R3/8	12	COG7J1238
R1/2	12	COH7J1248

PUSH-IN FITTINGS

Self sealing adaptors



No air flow when tubing is removed -
air flow is restored when tubing is inserted

● Straight Self-Seal - Taper



BSPT Thread	O/D Tube	Pneufit C
R1/8	4	C01240418
R1/8	6	C01240618
R1/4	6	C01240628
R1/4	8	C01240828
R1/4	10	C01241028
R1/4	12	C01241228
R3/8	8	C01240838
R3/8	10	C01241038
R3/8	12	C01241238
R1/2	10	C01241048
R1/2	12	C01241248

● Straight Self-Seal - Parallel



BSPP Thread	O/D Tube	Pneufit C
G1/8	4	C02240418
G1/8	6	C02240618
G1/4	6	C02240628
G1/4	8	C02240828
G1/4	10	C02241028
G1/4	12	C02241228
G3/8	8	C02240838
G3/8	10	C02241038
G3/8	12	C02241238
G1/2	10	C02241048
G1/2	12	C02241248

● Elbow Self-Seal



BSPT Thread	O/D Tube	Pneufit C
R1/8	4	C014J0418
R1/8	6	C014J0618
R1/8	8	C014J0818
R1/4	6	C014J0628
R1/4	8	C014J0828
R1/4	10	C014J1028
R3/8	10	C014J1038
R3/8	12	C014J1238
R1/2	10	C014J1048
R1/2	12	C014J1248

● Elbow Self-Seal



Metric & BSPP Thread	O/D Tube	Pneufit C
M5	4	C024J0405
M5	6	C024J0605
G1/8	4	C024J0418
G1/8	6	C024J0618
G1/4	6	C024J0628
G1/4	8	C024J0828
G1/4	10	C024J1028
G3/8	8	C024J0838
G3/8	10	C024J1038
G3/8	12	C024J1238
G1/2	10	C024J1048
G1/2	12	C024J1248

● Union Straight Self-Seal



O/D Tube	Pneufit C
4	C002J0400
6	C002J0600
8	C002J0800
10	C002J1000
12	C002J1200

PUSH-IN FITTINGS

Hand valves

- 3/2 shut off valves (Taper Male)



BSPT Thread	Pneufit C
R1/8	C01GG1818
R1/4	C01GG2828
R3/8	C01GG3838
R1/2	C01GG4848

- 3/2 shut off valves (Tube/Taper Male)



BSPT Thread	O/D Tube	Pneufit C
R1/8	6	C01GH0618
R1/8	8	C01GH0818
R1/4	6	C01GH0628
R1/4	8	C01GH0828
R1/4	10	C01GH1028
R1/4	12	C01GH1228
R3/8	6	C01GH0638
R3/8	8	C01GH0838
R3/8	10	C01GH1038
R3/8	12	C01GH1238
R1/2	10	C01GH1048
R1/2	12	C01GH1248

- 3/2 shut off valves (Tube/Tube)



O/D Tube	Pneufit C
6	C00GF0600
8	C00GF0800
10	C00GF1000
12	C00GF1200

- 3/2 shut off valves (Taper Male/Tube)



BSPT Thread	O/D Tube	Pneufit C
R1/8	6	C01GJ0618
R1/8	8	C01GJ0818
R1/4	6	C01GJ0628
R1/4	8	C01GJ0828
R1/4	10	C01GJ1028
R1/4	12	C01GJ1228
R3/8	6	C01GJ0638
R3/8	8	C01GJ0838
R3/8	10	C01GJ1038
R3/8	12	C01GJ1238
R1/2	10	C01GJ1048
R1/2	12	C01GJ1248



Extensive range of shapes and sizes

Precision. Engineered.

Pneufit C range

When it comes to pneumatic fittings, most users give little real thought to this product, often seen as simply a commodity. However, fittings connect all other components together, so it is vital to make the right choice.

The Pneufit C range is probably one of the largest and most user-friendly push-in fitting ranges on the market, from basic shapes and sizes to function fittings, manifolds, flow regulators and isolating valves. For more specialist applications, consider the miniature Pneufit M range or the stainless steel Pneufit S.

- > Dry coating applied to taper threads, and captive O ring seal on parallel versions – ready for use from the pack with no additional pre-assembly creating a leak and trouble free sealing joint
- > Straight adaptors also include an internal hexagon to assist installation
- > Stainless steel grab ring ensures positive retention of tubing under load conditions

More compact



Fully stainless steel



Engineering GREAT Solutions

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PUSH-ON TUBE FITTING

24 Series Metric \varnothing 4/2,5 ... 15/12,5 mm OD/ID tube

- Ideal for use on vacuum systems
- For simple and quick connection of pneumatic circuits
- Neat, compact design
- Precision machined for complete reliability
- Corrosion resistant
- Unique barb shape ensures good grip on tube even if fitting is tightened by hand
- Ideal for use in confined spaces where tight bend radii are required
- Tubing nuts included

Technical Data

Medium:

Compressed air

Operating pressure:

Vacuum: -15 bar
(dependant on tube operating specification)

Ambient temperature:

-18°C ... +70°C
Air supply must be dry enough to avoid ice formation at temperatures below +2°C

Tube sizes:

4/2,5 mm, 5/3 mm, 6/4 mm,
8/6 mm, 10/8 mm, 12/10 mm,
15/12,5 mm OD/ID

Tube types:

Nylon 11 and 12, polyurethane

Materials

Nut & Body:

Nickel plated brass to
OT58 UNI 5705

'O' ring:

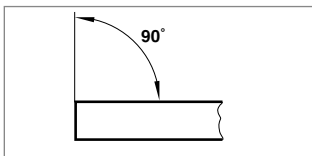
NBR 70

Sealing washer:

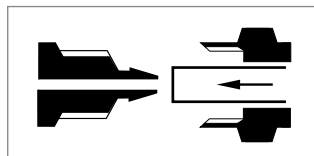
Polyamide 66



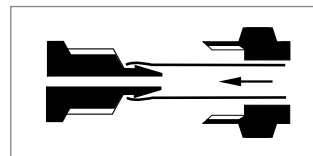
Method of assembly



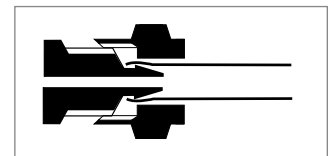
1. Ensure that the end of the tube is cut square and is free from burrs.



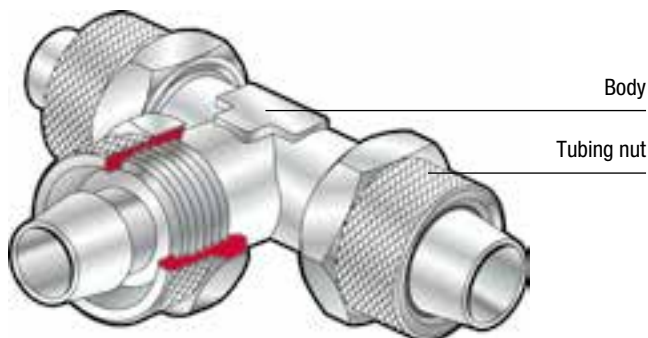
2. Place the knurled nut over the tube.



3. Push the tube over the barbed end of the fitting up to the tube stop.



4. Screw the knurled nut onto the fitting until finger tight. The hexagon on the nut is to aid release.



PUSH-ON TUBE FITTING

24 Series Metric Ø 4/2,5 ... 15/12,5 mm OD/ID tube



● Straight Male Adaptor

Male BSPT	O/D I/D Tube	Model
R1/8	4/2,5	241250418
R1/8	6/4	241250618
R1/8	8/6	241250818
R1/8	10/8	241251018
R1/4	6/4	241250628
R1/4	8/6	241250828
R1/4	10/8	241251028
R3/8	6/4	241250638
R3/8	8/6	241250838
R3/8	10/8	241251038
R3/8	12/10	241251238
R1/2	8/6	241250848
R1/2	10/8	241251048
R1/2	12/10	241251248



● Straight Female Adaptor

Female BSPP	O/D I/D Tube	Model
G1/8	6/4	242260618
G1/8	8/6	242260818
G1/4	6/4	242260628
G1/4	8/6	242260828
G1/4	10/8	242261028
G3/8	6/4	242260638
G3/8	8/6	242260838
G3/8	10/8	242261038
G1/2	8/6	242260848
G1/2	10/8	242261048



● Straight Male Adaptor

Male BSPP	O/D I/D Tube	Model
M5	4/2,5	242250405
M5	6/4	242250605
G1/8	4/2,5	242250418
G1/8	6/4	242250618
G1/8	8/6	242250818
G1/8	10/8	242251018
G1/4	8/6	242250828
G1/4	10/8	242251028
G3/8	6/4	242250638
G3/8	8/6	242250838
G3/8	10/8	242251038
G3/8	10/8	242251238
G1/2	6/4	242250648
G1/2	8/6	242250848
G1/2	10/8	242251048
G1/2	10/8	242251248
G1/2	15/12,5	242251548

Supplied complete with sealing washer.



● Straight Connector

O/D I/D Tube	O/D I/D Tube	Model
4/2,5	4/2,5	240200400
6/4	6/4	240200600
8/6	6/4	240200806
8/6	8/6	240200800
10/8	10/8	240201000
12/10	12/10	240201200



● Bulkhead Connector

O/D I/D Tube	Model
4/2,5	240290400
6/4	240290600
8/6	240290806
8/6	240290800
10/8	240291000
12/10	240291200

PUSH-ON TUBE FITTING

24 Series Metric Ø 4/2,5 ... 15/12,5 mm OD/ID tube

● Elbow Male Adaptor



Male BSPT	O/D I/D Tube	Model
R1/8	4/2,5	241450418
R1/8	6/4	241450618
R1/8	8/6	241450818
R1/8	10/8	241451018
R1/4	6/4	241450628
R1/4	8/6	241450828
R1/4	10/8	241451028
R3/8	6/4	241450638
R3/8	8/6	241450838
R3/8	10/8	241451038
R3/8	12/10	241451238
R1/2	8/6	241450848
R1/2	10/8	241451048
R1/2	12/10	241451248

● Equal Cross Connector



O/D I/D Tube	Model
6/4	240900600
8/6	240900800
10/8	240901000
12/10	240901200

● Swivel Elbow Adaptor



Male BSPP	O/D I/D Tube	Model
G1/8	6/4	242470618
G1/8	8/6	242470818
G1/4	6/4	242470628
G1/4	8/6	242470828
G1/4	10/8	242471028

Supplied complete with sealing washer.

● Elbow Banjo Assembly Non-Regulating



Bolt Thread	O/D I/D Tube	Model
M5	4/2,5	24A510405
M5	6/4	24A510605
G1/8	4/2,5	24A510418
G1/8	6/4	24A510618
G1/8	8/6	24A510818
G1/4	6/4	24A510628
G1/4	8/6	24A510828
G1/4	10/8	24A511028
G3/8	6/4	24A510638
G3/8	8/6	24A510838
G3/8	12/10	24A511238
G1/2	12/10	24A511248

Supplied complete with sealing washer.

● Tee Connector



O/D I/D Tube	Model
4/2,5	240600400
6/4	240600600
8/6	240600806
8/6	240600800
10/8	240601006
10/8	240601008
10/8	240601000
12/10	240601200

● Banjo Flow Regulator Regulating Out



Bolt Thread	O/D I/D Tube	Model
M5	4/2,5	24K510405
M5	6/4	24K510605
G1/8	4/2,5	24K510418
G1/8	6/4	24K510618
G1/8	8/6	24K510818
G1/4	6/4	24K510628
G1/4	8/6	24K510828
G1/4	10/8	24K511028

COMPRESSION FITTINGS EXTERNAL NUT

43 Series Metric \varnothing 4 ... 22 mm O/D tube

- Rugged and durable
- Ideal for most industrial applications
- Wide range of types and sizes
- Thread sizes from 1/8" to 1" BSP
- Supplied assembled with tubing sleeves, nuts and appropriate seals

Technical Data

Medium:

These fittings are designed for use with compressed air, oils, water and other fluids used in pneumatic and low pressure hydraulic applications. Consult our Technical Service for details.

Operating pressure:

The maximum working pressure is limited by the type of tubing being used.

Ambient temperature:

The maximum working temperature is limited by the type of tubing being used.

Tube sizes:

4, 6, 8, 10, 12, 14, 15, 16, 18, 22 mm O/D

Threads used on products conform to:

ISO 7,1 Taper BSP

ISO 228 Parallel BSP

ISO R/226 metric

Tube types:

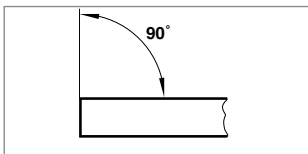
Nylon 11 or 12 and other plasticised or unplasticised tubing and other soft plastic tubing
Copper, annealed and half-hard
Double wall brazed steel tube (Bundy)

Materials

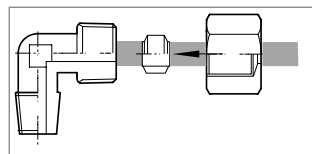
Brass to OT 58 UNI 5705 for all items, except sealing washers which are nylon. All brass items have a nickel plated finish unless otherwise stated.



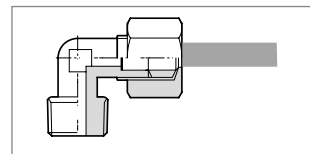
Method of assembly



1. Ensure that the tube is cut square and is free from fraying.



2. For larger sizes of metal tubes it is beneficial to lightly oil the tubing nut and sleeve before tightening the joint. Place the tubing nut and sleeve on the tube and push the tube into the fitting until it bottoms on the tube stop.



3. Holding the tube firmly in contact with the tube stop screw the tubing nut down finger tight and then tighten a further 11/4-11/2 full turns. Slacken off the assembly and ensure that the groove made by sleeve is even. Release nut and re-tighten nut an extra quarter turn.

Note

When fitting to curved tubes ensure that section entering the fitting is straight for a minimum of twice the nut height.

The method of preparation and assembly described will ensure leak-proof joints over a wide pressure range, depending upon the size and type of tubing being used. Failure to follow this guide, or over-tightening at any joint, may lead to damage of the fittings or an unsatisfactory seal.

COMPRESSION FITTINGS EXTERNAL NUT

43 Series Metric Ø 4 ... 22 mm O/D tube



● Straight Male Adaptor

BSPP Thread	O/D Tube	Model
G1/8	4	432250418
G1/8	6	432250618
G1/8	8	432250818
G1/4	6	432250628
G1/4	8	432250828
G1/4	10	432251028
G3/8	8	432250838
G3/8	10	432251038
G3/8	14	432251438
G1/2	14	432251448
G3/4	22	432252268
G1	22	432252288



● Straight Male Adaptor

BSPT Thread	O/D Tube	Model
R1/8	4	431250418
R1/8	6	431250618
R1/8	8	431250818
R1/4	4	431250428
R1/4	6	431250628
R1/4	8	431250828
R1/4	10	431251028
R1/4	12	431251228
R3/8	6	431250638
R3/8	8	431250838
R3/8	10	431251038
R3/8	12	431251238
R3/8	14	431251438
R1/2	10	431251048
R1/2	12	431251248
R1/2	14	431251448
R1/2	15	431251548
R1/2	16	431251648
R1/2	18	431251848
R1/2	22	431252248
R3/4	16	431251668
R3/4	18	431251868
R3/4	22	431252268



● Straight Connector

O/D Tube	Model
4	430200400
6	430200600
8	430200800
10	430201000
12	430201200
14	430201400
15	430201500
16	430201600
18	430201800
22	430202200



● Straight Female Adaptor

BSPP Thread	O/D Tube	Model
G1/8	4	432260418
G1/8	6	432260618
G1/8	8	432260818
G1/4	6	432260628
G1/4	8	432260828
G1/4	10	432261028
G1/4	12	432261228
G3/8	8	432260838
G3/8	10	432261038
G3/8	12	432261238
G3/8	14	432261438
G1/2	10	432261048
G1/2	12	432261248
G1/2	14	432261448
G1/2	15	432261548
G1/2	16	432261648
G1/2	18	432261848
G3/4	16	432261668
G3/4	18	432261868
G3/4	22	432262268



● Bulkhead Connector

O/D Tube	B	Model
4	M8x1,0	430290400
6	M10x1,0	430290600
8	M12x1,0	430290800
10	M16x1,5	430291000
12	M18x1,5	430291200
14	M20x1,5	430291400

Minimum bulkhead thickness 3,0 mm.

COMPRESSION FITTINGS EXTERNAL NUT

43 Series Metric Ø 4 ... 22 mm O/D tube



● Straight Stem Adaptor

BSPP Thread	O/D Stem	Model
G1/8	6	432150618
G1/8	8	432150818
G1/4	6	432150628
G1/4	8	432150828
G1/4	10	432151028
G3/8	8	432150838
G3/8	10	432151038
G3/8	14	432151438
G1/2	14	432151448



● Male Elbow Adaptor

BSPT Thread	O/D Tube	Model
R1/8	4	431450418
R1/8	6	431450618
R1/8	8	431450818
R1/4	6	431450628
R1/4	8	431450828
R1/4	10	431451028
R1/4	12	431451228
R3/8	8	431450838
R3/8	10	431451038
R3/8	12	431451238
R3/8	14	431451438
R1/2	10	431451048
R1/2	12	431451248
R1/2	14	431451448
R1/2	15	431451548
R1/2	16	431451648
R1/2	18	431451848
R3/4	18	431451868
R3/4	22	431452268

● Elbow Connector



O/D Tube	Model
4	430400400
6	430400600
8	430400800
10	430401000
12	430401200
14	430401400
15	430401500
16	430401600
18	430401800
22	430402200

● Tee Connector



O/D Tube	Model
4	430600400
6	430600600
8	430600800
10	430601000
12	430601200
14	430601400
15	430601500
16	430601600
18	430601800
22	430602200

● Male Tee Adaptor



BSPT Thread	O/D Tube	Model
R1/8	4	431650418
R1/8	6	431650618
R1/8	8	431650818
R1/4	6	431650628
R1/4	8	431650828
R1/4	10	431651028
R1/4	12	431651228
R3/8	8	431650838
R3/8	10	431651038
R3/8	12	431651238
R3/8	14	431651438
R1/2	10	431651048
R1/2	12	431651248
R1/2	14	431651448
R1/2	15	431651548
R1/2	16	431651648
R1/2	18	431651848
R3/4	18	431651868
R3/4	22	431652268

COMPRESSION FITTINGS EXTERNAL NUT

43 Series Metric Ø 4 ... 22 mm O/D tube

● Male Side Tee Adaptor



BSPT Thread	O/D Tube	Model
R1/8	4	431750418
R1/8	6	431750618
R1/8	8	431750818
R1/4	6	431750628
R1/4	8	431750828
R3/8	8	431750838

● Elbow Banjo Assembly



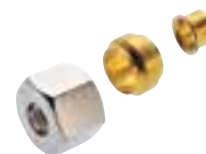
BSPP Thread	O/D Tube	Model
G1/8	4	43A510418
G1/8	6	43A510618
G1/8	8	43A510818
G1/4	6	43A510628
G1/4	8	43A510828
G1/4	10	43A511028
G1/4	14	43A511428
G3/8	8	43A510838
G3/8	10	43A511038
G3/8	14	43A511438
G1/2	14	43A511448
G3/4	22	43A512268

● Four Way Connector



O/D Tube	Model
4	430900400
6	430900600
8	430900800
10	430901000
12	430901200
14	430901400

● Reducing Connector



O/D Tube	O/D Tube	Model
6	4	430280604
8	6	430280806
10	8	430281008
12	10	430281210
14	12	430281412

Natural brass finish for sleeve and reducer.

● Tube Support



O/D I/D Tube	Model
4/2,7	430330403
6/4	430330604
8/6	430330806
10/8	430331008
12/9	430331209
14/10	430331210
14/12	430331412
15/12,5	430331512
16/13	430331613
18/15	430331815
18/16	430331816
22/18	430332218

Natural brass finish. For use on plastic tubing.

● Universal Tubing Sleeve



O/D Tube	Model
4	430020400
6	430020600
8	430020800
10	430021000
12	430021200
14	430021400
15	430021500
16	430021600
18	430021800
22	430022200

Natural brass finish.

BSP & HOSE FITTINGS

M5, 1/8" ... 1" BSP

- Bright nickel plated
- Corrosion resistant
- Compact design
- Washers included where necessary

Technical Data

Medium:

Compressed air or any fluids compatible with the materials listed opposite.

Operating pressure:

Generally limited by tubing specification, except non regulating banjo bolts (max 18 bar) and regulating banjo bolts (max 10 bar) due to sealing washer.

Ambient temperature:

Generally limited by tubing specification except where plastic sealing washers are used (banjo bolts, and M5 units). In these cases temperature is limited to +70°C.

Materials

Brass type OT UNI EN 12164/5 CW614/7N and undergo a nickel-plating process

Sealing washers:

Copper (Acetal for M5 items)

EXPRESS



● Sleeve Adaptor (Parallel Threads)



Metric & BSPP Thread	Metric & BSPP Thread	Model
M5	M5	160220505
G1/8	M5	160221805
G1/8	G1/8	160221818
G1/4	G1/8	160222818
G1/4	G1/4	160222828
G3/8	G1/8	160223818
G3/8	G1/4	160223828
G3/8	G3/8	160223838
G1/2	G1/8	160224818
G1/2	G1/4	160224828
G1/2	G3/8	160224838
G1/2	G1/2	160224848
G3/4	G1/2	160226848
G3/4	G3/4	160226868
G1	G3/4	160228868
G1	G1	160228888

BSP & HOSE FITTINGS

M5, 1/8" ... 1" BSP

● Reducing Connector (Parallel)



Reducing Male BSPP	Female and BSPP Thread	Model
G1/8	M5	160231805
G1/4	G1/8	160232818
G3/8	G1/8	160233818
G3/8	G1/4	160233828
G1/2	G1/8	160234818
G1/2	G1/4	160234828
G1/2	G3/8	160234838
G3/4	G1/4	160236828
G3/4	G3/8	160236838
G3/4	G1/2	160236848

● Reducing Connector



Reducing Male BSPT	Female BSPP	Model
R1/8	G1/8	150231818
R1/4	G1/8	150232818
R1/4	G1/4	150232828
R3/8	G1/8	150233818
R3/8	G1/4	150233828
R3/8	G3/8	150233838
R1/2	G1/8	150234818
R1/2	G1/4	150234828
R1/2	G3/8	150234838
R1/2	G1/2	150234848
R3/4	G1/4	150236828
R3/4	G3/8	150236838
R3/4	G1/2	150236848
R1	G1/2	150238848
R1	G3/4	150238868

● Expanding Connector (Parallel)



Metric & BSPP Thread	Female BSPP	Model
M5	G1/8	160230518
G1/8	G1/4	160231828
G1/8	G3/8	160231838
G1/4	G3/8	160232838
G1/4	G1/2	160232848
G3/8	G1/2	160233848
G1/2	G3/4	160234868

Supplied with sealing washer.

● Expanding Connector (Taper)



Expanding Male BSPT	Female BSPP	Model
R1/8	G1/4	150231828
R1/8	G3/8	150231838
R1/8	G1/2	150231848
R1/4	G3/8	150232838
R1/4	G1/2	150232848
R3/8	G1/2	150233848
R3/8	G3/4	150233868
R1/2	G3/4	150234868
R3/4	G1	150236888

● Adaptor



Female NPTF	Male BSPT	Model
1/8 NPT	R1/8	154231818
1/4 NPT	R1/4	154232828
3/8 NPT	R3/8	154233838
1/2 NPT	R1/2	154234848

Female BSPP	Male NPT	Model
G1/4	1/8 NPT	172232828
G3/8	3/8 NPT	172233838

● Bulkhead Connector



Metric & BSPP Thread	Male Metric Thread	Model
M5	M10x1,0	160290005
G1/8	M16x1,5	160290018
G1/4	M20x1,5	160290028
G3/8	M26x1,5	160290038
G1/2	M28x1,5	160290048
G3/4	M33x1,5	160290068
G1	M42x1,5	160290088
G1 1/4	M48x1,5	1602900a8

Supplied with locknut.

BSP & HOSE FITTINGS

M5, 1/8" ... 1" BSP

● Nipple Adaptor (Taper Threads)



BSPT Thread	BSPT Thread	Model
R1/8	R1/8	150201818
R1/4	R1/8	150202818
R1/4	R1/4	150202828
R3/8	R1/8	150203818
R3/8	R1/4	150203828
R3/8	R3/8	150203838
R1/2	R1/8	150204818
R1/2	R1/4	150204828
R1/2	R3/8	150204838
R1/2	R1/2	150204848
R3/4	R1/2	150206848
R3/4	R3/4	150206868
R1	R3/4	150208868
R1	R1	150208888

● Nipple Adaptor (Parallel Threads)



Metric & BSPP Thread	Metric & BSPP Thread	Model
M5	M5	160200505
G1/8	M5	160201805
G1/8	G1/8	160201818
G1/4	G1/8	160202818
G1/4	G1/4	160202828
G3/8	G1/4	160203828
G3/8	G3/8	160203838
G1/2	G1/4	160204828
G1/2	G3/8	160204838
G1/2	G1/2	160204848
G3/4	G1/2	160206848
G3/4	G3/4	160206868
G1	G3/4	160208868
G1	G1	160208888

Supplied with sealing washers.

● Flat Union (Taper Threads)



Male BSPT	Model
R1/8	150331818
R1/4	150332828
R3/8	150333838
R1/2	150334848
R3/4	150336868
R1	150338888

● Nipple Adaptor (BSPT/NPTF)



Male BSPT	Male NPTF	Model
R1/8	1/8 NPT	154201818
R1/4	1/8 NPT	154202828
R3/8	3/8 NPT	154203838
R1/2	1/2 NPT	154204848

Adaptor fittings – allow connection between components and system using BSP or NPT threads.

● Elbow Connector (Parallel Threads)



Female BSPP	Model
G1/8	160420018
G1/4	160420028
G3/8	160420038
G1/2	160420048
G3/4	160420068

● Plug (Taper Threads)



BSPT Thread	Model
R1/4	150050028
R3/8	150050038
R1/2	150050048
R3/4	150050068
R1	150050088

● Tee Connector



Male BSPT	Female BSPP	Model
R1/8	G1/8	150690018
R1/4	G1/4	150690028
R3/8	G3/8	150690038
R1/2	G1/2	150690048

● Plug (Parallel Threads)



Metric & BSPP Threads	Model
M5	160050005
G1/8	160050018
G1/4	160050028
G3/8	160050038
G1/2	160050048
G3/4	160050068
G1	160050088

Supplied with sealing washer.

BSP & HOSE FITTINGS

M5, 1/8" ... 1" BSP

● Elbow Connector



Male BSPT	Female BSPP	Model
R1/8	G1/8	150430018
R1/4	G1/4	150430028
R3/8	G3/8	150430038
R1/2	G1/2	150430048
R3/4	G3/4	150430068

● Tee Connector (Parallel Threads)



Female BSPP	Model
G1/8	160620018
G1/4	160620028
G3/8	160620038
G1/2	160620048
G3/4	160620068

● Elbow Connector (Taper Threads)



BSPT Thread	Model
R1/8	150400018
R1/4	150400028
R3/8	150400038
R1/2	150400048

● Tee Connector (Taper Threads)



BSPT Thread	Model
R1/8	150600018
R1/4	150600028
R3/8	150600038
R1/2	150600048
R3/4	150600068
R1	150600088

● Hose Adaptor (Taper Threads)



Hose Bore mm	BSPT Thread	Model
4	R1/8	291170418
6	R1/8	291170618
6	R1/4	291170628
7	R1/8	291170718
7	R1/4	291170728
7	R3/8	291170738
8	R1/4	291170828
8	R3/8	291170838
9	R1/8	291170918
9	R1/4	291170928
9	R3/8	291170938
9	R1/2	291170948
10	R1/8	291171018
10	R1/4	291171028
10	R3/8	291171038
12	R3/8	291171238
16	R3/8	291171638
16	R1/2	291171648
16	R3/4	291171668
25	R3/4	291172568
25	R1	291172588
32	R1	291173288

BSP & HOSE FITTINGS

M5, 1/8" ... 1" BSP

● Hose Adaptor



Hose Bore mm	BSPP Thread	Model
3	M5	292170305
4	G1/8	292170418
6	G1/8	292170618
6	G1/4	292170628
9	G1/8	292170918
9	G1/4	292170928
9	G3/8	292170938
9	G1/2	292170948
19	G3/4	292171968

Supplied with sealing washer.

● Elbow Banjo Assembly Non-Regulating (Parallel Threads)



Male BSPP	Female BSPP	Model
G1/8	G1/8	16A511818
G1/4	G1/4	16A512828
G3/8	G3/8	16A513838
G1/2	G1/2	16A514848

Female parallel BSP thread to male parallel BSP thread.

● Elbow Banjo Assembly Regulating Out (Parallel Threads)



Male BSPP	Female BSPP	Model
G1/8	G1/8	16K511818
G1/4	G1/4	16K512828
G3/8	G3/8	16K513838
G1/2	G1/2	16K514848

Arrow on bolt hexagon indicates free flow direction.
Pressure range 1 ... 10 bar.

● Elbow Banjo Body (Parallel Threads)



Female BSPP	Bolt Thread	Model
G1/8	1/8"	160511818
G1/4	1/4"	160512828
G3/8	3/8"	160513838
G1/2	1/2"	160514848

Female parallel BSP thread.



Precision. Engineered.

Machining profile available so there is no requirement for thread adaptors

Compression fittings for use under extreme conditions of temperature and pressure – 34 & 36 Series

IMI Precision Engineering full fittings range features 10000+ fittings, probably the most comprehensive range available from a single supplier. The IMI Norgren compression fittings are quick and easy to use. Ideally suited for most general industrial applications.

- > Wide range of types and sizes – Metric & imperial
- > Rugged and durable
- > Thread adaptor not required when machining profile is utilised
- > Maximum pressures are often limited by the tubing used



Engineering GREAT Solutions



Find out more
www.imi-precision.com



TUBING & HOSES

Ø 3 ... 16 mm O/D

- Available in a range of colours for ease of identification
- In addition to general industrial applications Nylon is suitable for use on air braking systems of commercial vehicles and conforms to DIN 74324. (Applicable sizes; 6, 8, 10, 12, 16mm O/D)
- 25 metre lengths supplied in cartons providing good protection and easy storage
- Polyurethane offers excellent mechanical properties and industry leading flexibility

Technical Data

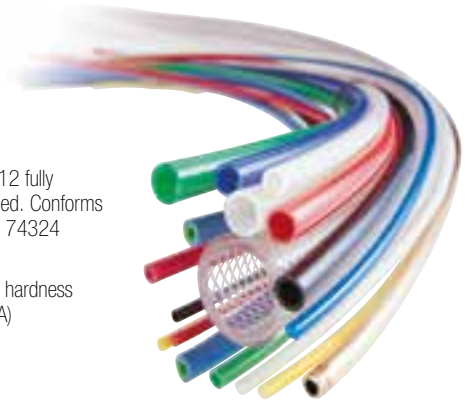
Medium:
Compressed air. Consult our Technical Service for use with other fluids.

Operating pressure:
See table below

Materials

Nylon tube:
Nylon (polyamide) type PA12 fully plasticised and light stabilised. Conforms to material standard of DIN 74324

Polyurethane tube:
Is light stabilised and has a hardness of Shore D 52 (98 Shore A)



● Maximum operating pressures and bend radii

O/D mm		4	5	6	8	10	12	14	16
Max. pressure (bar)* at -40°C ... +20°C	Nylon	31	33	27	19	19	19	16	19
	Polyurethane	10	11	9	9	9	9	–	–
Min. bend radius mm	Nylon	25	25	30	40	60	60	80	95
	Polyurethane	6	7	9	16	17	25	–	–

Maximum continuous working temperature: nylon +80°C, polyurethane +60°C.
* Multiply by factors in table below for use at higher temperatures.

● Operating pressure/temperature conversion factors

Working temperature	Factor (Nylon)	Factor (Polyurethane)
-40°C ... +20°C	1	1
+30°C	0,83	0,85
+40°C	0,75	0,7
+50°C	0,64	0,6
+60°C	0,57	0,5
+80°C	0,47	–

To calculate working pressures at various temperatures, multiply working pressure at -40°C ... +20°C by factor given in table.
Maximum continuous working temperature: Nylon +80°C, Polyurethane +60°C.

● Tube sizes (metric)

O/D mm	3	4	5	6	8	10	12	14	16
Nylon	–	•	•	•	•	•	•	•	•
Polyurethane	•	•	•	•	•	•	•	–	•

TUBING & HOSES

Ø 3 ... 16 mm O/D

EXPRESS



● Nylon tube

Colour	Length (m)	O/D I/D tube							
		4/2,5*	5/3*	6/4	8/6	10/7,5	12/9	14/11*	16/12
Natural	25	PA2-0004025C	PA2-0005025C	PA2-0006025C	PA2-0008025C	PA2-0010025C	PA2-0012025C	PA2-0014025C	PA2-0016025C
Natural	100	PA2-0004100	–	PA2-0006100	PA2-0008100	PA2-0010100	PA2-0012100	–	–
Red	25	PA2-0104025C	PA2-0105025C	PA2-0106025C	PA2-0108025C	PA2-0110025C	PA2-0112025C	PA2-0114025C	PA2-0116025C
Red	100	PA2-0104100	–	PA2-0106100	PA2-0108100	PA2-0110100	PA2-0112100	–	–
Green	25	PA2-0204025C	PA2-0205025C	PA2-0206025C	PA2-0208025C	PA2-0210025C	PA2-0212025C	PA2-0214025C	PA2-0216025C
Green	100	PA2-0204100	–	PA2-0206100	PA2-0208100	PA2-0210100	PA2-0212100	–	–
Yellow	25	PA2-0304025C	PA2-0305025C	PA2-0306025C	PA2-0308025C	PA2-0310025C	PA2-0312025C	PA2-0314025C	PA2-0316025C
Yellow	100	PA2-0304100	–	PA2-0306100	PA2-0308100	PA2-0310100	PA2-0312100	–	–
Blue	25	PA2-0504025C	PA2-0505025C	PA2-0506025C	PA2-0508025C	PA2-0510025C	PA2-0512025C	PA2-0514025C	PA2-0516025C
Blue	100	PA2-0504100	–	PA2-0506100	PA2-0508100	PA2-0510100	PA2-0512100	–	–
Black	25	PA2-0704025C	PA2-0705025C	PA2-0706025C	PA2-0708025C	PA2-0710025C	PA2-0712025C	PA2-0714025C	PA2-0716025C
Black	100	PA2-0704100	–	PA2-0706100	PA2-0708100	PA2-0710100	PA2-0712100	–	–
Silver	25	PA2-0904025C	PA2-0905025C	PA2-0906025C	PA2-0908025C	PA2-0910025C	PA2-0912025C	PA2-0914025C	PA2-0916025C
Silver	100	PA2-0904100	–	PA2-0906100	PA2-0908100	PA2-0910100	PA2-0912100	–	–

Note: 'C' at last digit in part number indicates packed in a box/carton.

*Tube size does not conform to DIN 74324.

EXPRESS



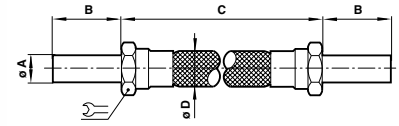
● Polyurethane tube

Colour	Length (m)	O/D I/D tube							
		3/2	4/2,5	5/3	6/4	8/5,5	10/7	12/8	16/11
Natural	25	PU2-0003025C	PU2-0004025C	PU2-0005025C	PU2-0006025C	PU2-0008025C	PU2-0010025C	PU2-0012025C	PU2-0016025C
Natural	100	–	PU2-0004100	–	PU2-0006100	PU2-0008100	PU2-0010100	PU2-0012100	–
Red	25	–	PU2-0104025C	PU2-0105025C	PU2-0106025C	PU2-0108025C	PU2-0110025C	PU2-0112025C	–
Red	100	–	PU2-0104100	–	PU2-0106100	PU2-0108100	PU2-0110100	PU2-0112100	–
Green	25	–	PU2-0204025C	PU2-0205025C	PU2-0206025C	PU2-0208025C	PU2-0210025C	PU2-0212025C	–
Green	100	–	PU2-0204100	–	PU2-0206100	PU2-0208100	PU2-0210100	PU2-0212100	–
Yellow	25	–	PU2-0304025C	PU2-0305025C	PU2-0306025C	PU2-0308025C	PU2-0310025C	PU2-0312025C	–
Yellow	100	–	PU2-0304100	–	PU2-0306100	PU2-0308100	PU2-0310100	PU2-0312100	–
Blue	25	PU2-0503025C	PU2-0504025C	PU2-0505025C	PU2-0506025C	PU2-0508025C	PU2-0510025C	PU2-0512025C	PU2-0516025C
Blue	100	–	PU2-0504100	–	PU2-0506100	PU2-0508100	PU2-0510100	PU2-0512100	–
Black	25	–	PU2-0704025C	PU2-0705025C	PU2-0706025C	PU2-0708025C	PU2-0710025C	PU2-0712025C	–
Black	100	–	PU2-0704100	–	PU2-0706100	PU2-0708100	PU2-0710100	PU2-0712100	–
Silver	25	–	PU2-0904025C	–	PU2-0906025C	PU2-0908025C	PU2-0910025C	PU2-0912025C	–
Silver	100	–	PU2-0904100	–	PU2-0906100	PU2-0908100	PU2-0910100	PU2-0912100	–

Note: 'C' at last digit in part number indicates packed in a box/carton.

TUBING & HOSES

Ø 3 ... 16 mm O/D



● Metal braided rubber hose

Pressure (bar)*	O/D mm		Length (mm)								
	ØA	B	C	250	300	400	500	600	750	1000	
69	6	23	–	–	42004000300	–	–	42004000500	42004000600	42004000750	42004001000
69	8	26	42005000250	–	–	42005000400	42005000500	42005000600	42005000750	42005001000	–
69	10	28	42006000250	42006000300	42006000400	42006000500	42006000600	42006000750	42006001000	–	–
47	12	30	–	–	42007000300	42007000400	42007000500	42007000600	42007000750	42007001000	–

*Maximum working pressure at -20°C ... +100°C for fluids other than compressed air. Maximum with compressed air is 10 bar.

Installation notes:

1. Flexible hose is weakened when installed in a twisted position.
2. Ample bend radius should be allowed to avoid collapsing the hose.
3. When hose is installed in a flexing application remember that metal end fittings are not part of the flexible portion.
4. Use elbows or adaptors to eliminate excess hose bends.
5. Not suitable for use with push-in-fittings.

EXPRESS



● Pneuflex Tubing

Model	O/D tube	Adaptor (thread)	Length of closed spiral	Working length (mm)	Operating pressure (bar)
PU310600218	6	R1/8	165	2000	10
PU310800228	8	R1/4	180	2000	10
PU310800428	8	R1/4	400	4000	10

EXPRESS



● Weld Tubing



Black Model	Blue Model	Diameter (mm)	Length (m)	Operating pressure at 23°C max. (bar)
NORWELD0706050	NORWELD0506050	6	50	25
NORWELD0708050	NORWELD0508050	8	50	25
NORWELD0710050	NORWELD0510050	10	50	15
NORWELD0712050	NORWELD0512050	12	50	12
NORWELD0714050	NORWELD0514050	14	50	12

● Tube Cutter

Model	Type
M/3314	Cutter
39012010	Replacement blade (pack of 10)

For use on nylon and polyurethane tubing 4 ... 16 mm.

Ideally suited for use with 10 series pneufit fittings in welding environment applications. Check technical specification for temperature conversion factors.

EXPRESS

● Tube Clips – single sided



● Tubing Channels



Model	O/D Tube	No. of channels
100HA0600	6	10
100HA0800	8	10
100H61200	12	6

Model	O/D
34021802	4
34021804	6
34021805	8
34021806	10
34021807	12
34021508	16



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QUICK RELEASE COUPLINGS

● 233 SERIES

Nominal diameter 5 = 20mm²



- Single shut off: The hose connection (plug) has a through bore whilst the upstream coupling shuts off immediately when the connection is broken. The ideal solution for simple air tools or similar.
- Single handed operation
- Compact robust construction
- High flow, low pressure drop

Technical Data

Operating pressure:
0 ... 35 bar

Working temperature:
-20°C ... +100°C

Air supply must be dry enough to avoid ice formation at temperatures below +2°C

Air flow:
560 l/min (6 bar inlet, pressure drop 0,5 bar)

Materials

Coupling:

Body & Sleeve:
Nickel plated brass

Valve:
Brass

Spring & Locking ring/balls:
Stainless steel

Seals:
NBR

Plug:

Body:
Nickel plated steel

● 233 SERIES

Nominal diameter 5 = 20mm²



- Double shut off: After disconnection the flow stops in both coupling w plug. The medium is retained in both connection lines and pressure is not released.
- Single handed operation
- Compact robust construction
- High flow, low pressure drop
- Wide range of connections

Technical Data

Operating pressure:
0 ... 35 bar

Working temperature:
-20°C ... +100°C

Air supply must be dry enough to avoid ice formation at temperatures below +2°C

Air flow:
310 l/min (6 bar inlet, pressure drop 0,5 bar)

Materials

Coupling:

Body & Sleeve:
Nickel plated brass

Valve:
Brass

Spring & Locking ring/balls:
Stainless steel

Seals:
NBR

Plug:

Body:
Nickel plated steel

Compatibility

233 Double shut off are not compatible with 233 single shut off due to valve connection method

● 238 SERIES

Nominal diameter 7,2 = 40mm²

EXPRESS



- Single shut off: The hose connection (plug) has a through bore whilst the upstream coupling shuts off immediately when the connection is broken. The ideal solution for simple air tools or similar
- Single handed operation
- European standard industrial coupling
- High flow rate, low pressure drop
- Industrial standard profile

Technical Data

Operating pressure:
0 ... 35 bar

Working temperature:
-20°C ... +100°C

Air supply must be dry enough to avoid ice formation at temperatures below +2°C

Air flow:
1000 l/min (input pressure 6 bar, pressure drop 0,5 bar)

Materials

Coupling:

Body & Sleeve:
Nickel plated brass

Valve:
Brass

Spring & Locking ring/balls:
Stainless steel

Seals:
NBR

Plug:

Body:
Nickel plated brass

● 234 SERIES

Nominal diameter 7,8 = 48mm²



- Single shut off: The hose connection (plug) has a through bore whilst the upstream coupling shuts off immediately when the connection is broken. The ideal solution for simple air tools or similar.
- Single handed operation
- Low pressure drop
- High flow rate

Technical Data

Operating pressure:
0 ... 35 bar

Working temperature:
-20°C ... +100°C

Air supply must be dry enough to avoid ice formation at temperatures below +2°C

Air flow:
1800 l/min (input pressure 6 bar, pressure drop 0,5 bar)

Materials

Coupling:

Body & Sleeve:
Nickel plated steel

Valve:
Brass

Spring & Locking ring/balls:
Stainless steel

Seals:
NBR

Plug:

Body:
Nickel plated steel

● 237 SERIES

Nominal diameter 5,5 = 25mm²



- Single shut off: The hose connection (plug) has a through bore whilst the upstream coupling shuts off immediately when the connection is broken. The ideal solution for simple air tools or similar.

Technical Data

Operating pressure:
0 ... 35 bar

Working temperature:
-20°C ... +100°C

Air supply must be dry enough to avoid ice formation at temperatures below +2°C

Air flow:
900 l/min (6 bar inlet pressure, pressure drop 0,5 bar)

Materials

Coupling:

Body & Sleeve:
Nickel plated brass/steel

Valve:
Brass

Spring & Locking ring/balls:
Stainless steel

Seals:
NBR

Plug:

Body:
Nickel plated steel

QUICK RELEASE COUPLINGS

● Coupling with BSPP male thread



	233 Series Single shut off	233 Series Double shut off	238 Series Single shut off	234 Series Single shut off	237 Series Single shut off
Male thread					
G1/8	233210018	-	-	-	-
G1/4	233210028	233410028	238210028	-	-
G3/8	-	-	238210038	-	-
G1/2	-	-	238210048	-	-
R1/4	-	-	-	234210028	237210028
R3/8	-	-	-	234210038	237210038
R1/2	-	-	-	234210048	-

● Coupling with BSPP female thread



	233 Series Single shut off	233 Series Double shut off	238 Series Single shut off	234 Series Single shut off	237 Series Single shut off
Female thread					
G1/8	233220018	-	-	-	-
G1/4	233220028	233420028	238220028	234220028	237220028
G3/8	-	-	238220038	234220038	237220038
G1/2	-	-	238220048	234220048	237220048

● Coupling with push on fitting



	233 Series Single shut off
O/D I/D Tube	
6/4	233260400
8/6	233260600

● Coupling with metric hose tail



	233 Series Single shut off	233 Series Double shut off	238 Series Single shut off	234 Series Single shut off	237 Series Single shut off
Hose Bore / Hose Barb					
4	233230400	-	-	-	-
6	233230600	233430600	238230600	234230600	237230600
9	233230900	-	238230900	234230900	237230900
13	-	-	238231300	234231300	237231300

QUICK RELEASE COUPLINGS

● Plug with BSPP male thread



	233 Series Single shut off	233 Series Double shut off	238 Series Single shut off	234 Series Single shut off	237 Series Single shut off
Male thread					
G1/8	233110018	–	238110018	–	–
G1/4	233110028	233310028	238110028	–	–
G3/8	–	–	238110038	–	–
G1/2	–	–	238110048	–	–
R1/8	–	–	–	234110018	–
R1/4	–	–	–	234110028	237110028
R3/8	–	–	–	234110038	237110038
R1/2	–	–	–	234110048	237110048

● Plug with BSPP female thread



	233 Series Single shut off	233 Series Double shut off	238 Series Single shut off	234 Series Single shut off	237 Series Single shut off
Female thread					
G1/8	233120018	–	–	–	–
G1/4	233120028	233320028	238120028	234120028	237120028
G3/8	–	–	238120038	234120038	237120038
G1/2	–	–	238120048	234120048	237120048

● Plug with metric hose tail



	233 Series Single shut off	233 Series Double shut off	238 Series Single shut off	234 Series Single shut off	237 Series Single shut off
Hose Bore / Tailpiece					
4	233130400	–	–	–	–
6	233130600	233330600	238130600	234130600	237130600
9	233130900	–	238130900	234130900	237130900
13	–	–	238131300	234131300	237131300

● Plug with push on fitting



	233 Series Single shut off
O/D I/D Tube	
6/4	233160400
8/6	233160600

● Options

- Couplings with spring guards
- Self venting couplings

SILENCERS

● POROUS PLASTIC SILENCERS

M/S & T45

EXPRESS



- Reduce the noise levels of pneumatic equipment
- Compact, efficient and lightweight
- Operating pressure is -1 ... 10 bar
- Operating temperature is -20°C ... +80°C

Technical Data

Medium:

Compressed air, filtered 50 µm, lubricated and non lubricated/vacuum, inert gases

Operating pressure:

-1 ... 10 bar maximum (vacuum service)

Media temperature:

-20°C ... +80°C

Air supply must be dry enough to avoid ice formation at temperatures below +2°C

Materials

Body:

UHMW PE porous plastic

Connector base:

PE (black)

● SINTERED BRONZE SILENCERS

T40

EXPRESS



- Reduce the noise levels of pneumatic equipment
- Compact and efficient
- Operating pressure is 10 bar max.
- Operating temperature is -20°C ... +80°C

Technical Data

Medium:

Compressed air, filtered, lubricated or non lubricated, vacuum, Inert gases

Operating pressure:

10 bar maximum

Media temperature:

-20°C ... +80°C

Air supply must be dry enough to avoid ice formation at temperatures below +2°C

Materials

Element:

Sintered bronze

Body:

Brass

● EXHAUST FILTERS

M/1500 series

EXPRESS



- Prevent the ingress of dirt with minimal flow restriction
- Robust and compact
- Operating pressure is 10 bar max.
- Operating temperature is -20°C ... +80°C

Technical Data

Medium:

Compressed air, filtered, lubricated or non-lubricated, inert gases

Operating pressure:

10 bar max.

Media temperature:

-20°C ... +80°C

Air supply must be dry enough to avoid ice formation at temperatures below +2°C

Materials

Body:

Aluminium alloy

Element:

Sintered bronze

SILENCERS

● QUIETAIRE HEAVY DUTY SILENCERS

MA & MB Series

EXPRESS



- Reduce the noise levels of pneumatic equipment
- Prevent open line exhaust dangers
- Corrosion resistant
- High flow capacity with low back pressure
- Brass mesh screen and aluminium construction provide improved flow, longer life and cleanable element
- Prevent metal chips, abrasive grits, dust and other contaminants from entering open exhaust ports

Technical Data

Medium:

Compressed air, filtered, lubricated and non-lubricated, inert gases

Operating pressure:

-1 ... 20 bar

Ambient temperature:

-20°C ... +80°C

Operation:

Exhaust silencer

Mounting:

Directly in the exhaust port

Materials

Aluminium body and shell, brass mesh element

● PLASTIC SILENCERS

00145 ... 00148 Series



- Reduce the noise levels of pneumatic equipment
- Compact, efficient and lightweight
- Screw directly into the exhaust port
- Prevent the ingress of dirt

Technical Data

Medium:

Compressed air, filtered 50 µm, lubricated and non lubricated

Operation:

Exhaust silencer

Operating pressure:

10 bar maximum

Mounting:

Directly in exhaust port

Ambient temperature:

-20°C ... +60°C

Air supply must be dry enough to avoid ice formation at temperatures below +2°C

Materials

Body:

PA

Filter:

Felt insert

● COALESCING EXHAUST SILENCERS

CS and MQO Series



- Easily replaceable cartridge element
- Removal of oil mist from exhaust air provides cleaner work environment
- Snap-on liquid sump with manual drain to collect coalesced oil
- Assists in complying with Noise and COSHH regulations
- Rugged, corrosion resistant construction

Technical Data

Operating temperature:

CS13 and CS15 series: -20°C ... +50°C

MQ series: -20°C ... +50°C

Working pressure range:

0 ... 6 bar

Residual oil:

< 0,1 mg/m³ (1 bar 20°C)

Noise reduction:

As low as 69dBa (dependant on application)

Element replacement at:

2 bar pressure drop

Materials

Body and Yoke:

CS13: Zinc alloy

CS15 & MQOxxx: Aluminium

Cage:

Aluminium

Element:

Composite materials

Bowl:

PE

Elastomers:

NBR

SILENCERS



● Standard Silencers



	Porous Plastic	Plastic silencers	Sintered Bronze	Exhaust Filter	Quietaire	
Male Thread						
M5	M/S0	-	T40M0500	-	-	-
G1/8	M/S1	0014500000000000	T40C1800	M/1511	-	-
R1/8	-	-	T40B1800	-	MB001B	-
G1/4	M/S2	0014600000000000	T40C2800	M/1512	-	-
R1/4	-	-	T40B2800	-	MB002B	-
G3/8	M/S3	0014700000000000	T40C3800	-	-	-
R3/8	-	-	-	-	MBP03B	Short Version
R3/8	-	-	T40B3800	-	MB003B	-
G1/2	M/S4	0014800000000000	T40C4800	M/1514	-	-
R1/2	-	-	T40B4800	-	MB004B	-
G3/4	M/S6	-	T40C6800	M/1516	-	-
R3/4	-	-	-	-	MBP06	Short Version
R3/4	-	-	T40B6800	-	MB006	-
G1	M/S8	-	T40C8800	M/1518	-	-
R1	-	-	T40B8800	-	MB008B	-
R1 1/4	-	-	-	-	MBP10B	Short Version
Female Thread						
Rc1/8	-	-	-	-	MA001B	-
Rc1/4	-	-	-	-	MA002B	-
Rc3/8	-	-	-	-	MA003B	-
Rc1/2	-	-	-	-	MA004B	-
Rc3/4	-	-	-	-	MA006B	-
Rc1	-	-	-	-	MA008B	-
G 1 1/4	-	-	-	-	MA010C	-
G 1 1/2	-	-	-	-	MA012C	-
G2	-	-	-	-	MA016C	-
Stems (PIF)						
4mm Dia.	T45P0004	-	-	-	-	-
6mm Dia.	T45P0006	-	-	-	-	-
8mm Dia.	T45P0008	-	-	-	-	-
10mm Dia.	T45P0010	-	-	-	-	-
12mm Dia.	T45P0012	-	-	-	-	-

● Coalescing Exhaust Silencers

Port size	CS13	CS15	MQ	Accessories Replacement element
G1/2	CS13-464-10GG	-	MQ004C	3236-01
G3/4	CS13-664-10GG	-	MQ006C	3236-01
G1	-	CS15-800-10DD	MQ008C	3237-01
Without yoke	-	CS15-000-0000	-	3237-01

EXHAUST FILTER

0613422, 0613423 1/4", 1/2"

- Suitable for outdoor use
- Protects against contamination and moisture penetration
- Compact, efficient, lightweight
- Can be screwed directly into exhaust ports
- Suitable for BSP or NPT thread

Technical Data

Medium:
Lubricated or non-lubricated compressed air, inert gases

Operation:
The non-return function protects the spring chamber of pneumatic actuators in particular against aggressive ambient air.

Operating pressure:
10 bar maximum

Ambient/Media temperature:
-55°C ... +80°C

Materials

Housing:
POM

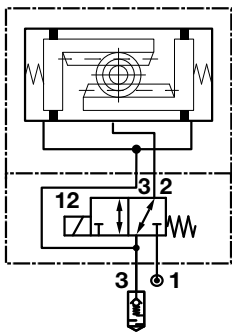
'O'-rings:
VMQ



Models

Model	Port size	Suitable for
0613422000000000	1/4"	G1/4, 1/4 NPT
0613423000000000	1/2"	G1/2, 1/2 NPT

Example of use



BALL VALVES

60 & 61 Series Brass 1/8" ... 1 1/2" BSP

- Precision engineered shut-off valves
- Minimum resistance to fluid flow
- Positive quick open/shut action
- Flow in either direction (except exhaust type)

Technical Data

Medium:

Compressed air, inert gases, water, depending upon valve seat material

Operating pressure:

Refer to tables

Ambient temperature:

Refer to tables

● Standard Full Bore



Model	Female (B)	Maximum pressure (bar)
602112128	G1/4	40
602112138	G3/8	40
602112148	G1/2	40
602112168	G3/4	40
602112188	G1	40
6021121A8	G1 1/4	40
6021121B8	G1 1/2	40
6021121C8	G2	40

PTFE seats, HNBR seals Operating temperature: -15°C ... +90°C.

● Lockable Exhausting Full Bore



Model	Female (B)	Maximum pressure (bar)
601812128	G1/4	13,6
601812138	G3/8	13,6
601812148	G1/2	13,6
601812168	G3/4	13,6
601812188	G1	13,6

Note: lever lockable only in closed position Standard handle accepts Ø 7 mm shackle.
Operating Temperature -10°C ... +100°C.

● Stainless Steel Ball Valves



Model	Female (B)	Maximum pressure (bar)
615112128	G1/4	100
615112138	G3/8	100
615112148	G1/2	100
615112168	G3/4	64
615112188	G1	64

Operating temperature: -20°C ... +150°C.

* To order 'Tee' handled version change 4th character to 2.

Materials

60 Series:

Nickel plated brass to UNI-5705-65, chromium plated brass, zinc plated steel, PTFE seats and nitrile or Fkm rubber seals

61 Series:

Stainless steel body, stem, ball nut and handle PTFE seats

EXPRESS



● Exhausting Full Bore



Model	Female (B)	Maximum pressure (bar)
602113128EX	G1/4	12
602113138EX	G3/8	12
602113148EX	G1/2	12
602113168EX	G3/4	12
602113188EX	G1	12
6021131A8EX	G1 1/4	12
6021131B8EX	G1 1/2	12

PTFE seats, nitrile seals Operating temperature: 0°C ... +60°C.

● Three Way Full Bore



Model	Female (B)	Maximum pressure (bar)
602114428	G1/4	25
602114438	G3/8	25
602114448	G1/2	25
602114468	G3/4	16

PTFE seats, nitrile seals Operating temperature: -15°C ... +120°C.

● Mini Reduced Bore



Model	Female (B)	Maximum pressure (bar)
601112118	G1/8	10
601112128	G1/4	10
601112138	G3/8	10
601112148	G1/2	10

Model	Female/ Male (B)	Maximum pressure (bar)
601112218	G1/8	10
601112228	G1/4	10
601112238	G3/8	10
601112248	G1/2	10

PTFE seats, nitrile seals Operating temperature: -10°C ... +90°C.

MANUALLY ACTUATED SLEEVE VALVE

M/7300, 3/2 G1/8 ... G1/2

- Sliding sleeve operation
- Very compact in-line units Easy to install
- Very simple and reliable operation 3/2 function

Technical Data

Medium:

Compressed air, filtered, lubricated and non-lubricated

Operation:

Sleeve valve, directly actuated, with open exhaust

Operating pressure:

10 bar max.

Mounting:

Concentrically directly in the pipework

Ambient temperature:

-20°C ... +80°C max.

Air supply must be dry enough to avoid ice formation at temperatures below +2°C

Materials

Body:

Chrome-nickel plated brass

Sleeve:

Grey anodised aluminium

Seals:

NBR



Models

Model	Port size	Flow 1 → 2 at 6 → 5 bar (Nl/min)
M/7318	G1/8	376
M/7328	G1/4	775
M/7338	G3/8	1590
M/7348	G1/2	3025

BLOW GUNS

BG Series

BG4000:

- Bright chrome finish
- Cushioned corporate vinyl thumb grip
- Exhausts air when nozzle is blocked
- Complies with O.S.H.A.

BG5000:

- One piece design in moulded high impact plastic
- Exhausts air when nozzle is blocked
- Complies with O.S.H.A.

Technical Data

Medium:

Non-lubricated compressed air, filtered

Connection:

G1/4 (BG4000 and BG5000)

Operating pressure:

10 bar maximum line pressure

The USA O.S.H.A. recommendations state that nozzle pressures should not exceed 2 bar. This ensures that the blocked end condition pressure will not exceed the 0,4 bar that could penetrate human skin with possibly fatal consequences. Blow guns should always be supplied through a suitable pressure regulator to ensure safe operation

Materials

Body:

BG4000: brass bright chrome finish

BG5000: one piece design in moulded high impact plastic

EXPRESS



Models

Model	Port size	Description
BG4000	G1/4	Metal Blow Gun
BG5000	G1/4	Plastic Blow Gun

SLOW ROTATING JOINTS

- For use with a variety of fluids
- 7 bar maximum
- 50 r.p.m. maximum

Technical Data

Medium:
Compressed air or oil but not water
Consult our Technical Service for use with any medium other than compressed air

Ambient temperature:
-10°C ... +70°C
Air supply must be dry enough to avoid ice formation at temperatures below +2°C

Materials

Body:
Brass

Spindle:
Steel zing plated

Seals:
FPM



● Models

Model	Male Thread	Female Thread
04017400	R1/8	G1/8
04017500	R1/4	G1/4
04017600	R3/8	G3/8

FAST ROTATING JOINTS

- Pressure and vacuum models
- For use with a variety of fluids
- 7 bar maximum
- 2000 r.p.m. maximum

Technical Data

Medium:
Compressed air only

Ambient temperature:
-10°C ... +70°C
Air supply must be dry enough to avoid ice formation at temperatures below +2°C

Materials

Body:
Brass

Spindle:
Stainless steel

Clip:
Steel phosphated

Seals:
NBR



● Models

Model	Medium	Male Thread	Female Thread
04016100	Pressure	R1/4	G1/4
04016200	Vacuum upto -740mmHg	R1/4	G1/4