

Quick connectors Pneufit C and Pneufit Push-In fittings

Secure hold and unproblematic multiple mounting, due to high-quality grab ring.

Mounting holes for wall mounting*.

O-Ring seals with parallel threads (G).

PTFE-free pre-applied thread sealant with taper threads (R).

Internal hexagons on all straight fittings offer easy mounting.

Colour codings for improved safety*.

Red release rings for quick identification of metric tube sizes*.

O-ring seals made from silicone-free Nitrile rubber.

* Only for Pneufit C.

Technical Data:

Medium: Compressed Air.

Operating temperature: -20°C* to 80°C
(High temperature models on request).

*For temperatures below +2°C please take the air properties into account.

Tube sizes

4, 6, 8, 10, 12, 14 mm outside Ø.

Note: Push-on fittings must not be used in compressed-air break systems of commercial vehicles.

Tubes/hoses

Polyamide tube 11 and 12, polyurethane and polyethylene hoses according to DIN 73378, DIN 74234, NFE 49-100 or BS 5409/1. For safety reasons we recommend our tubes and hoses.

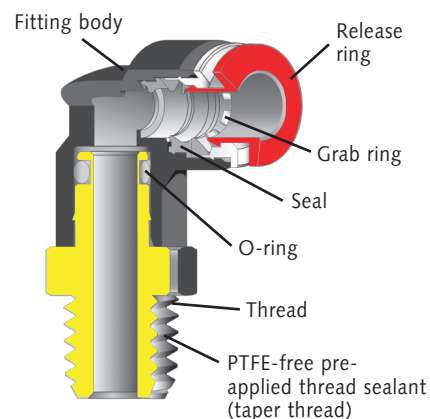
Fastening torques

The following fastening torques apply for fittings with pre-applied thread sealant and taper threads:

Thread	Fastening Torque (Nm)
R1/8	6,86 ... 8,82
R1/4	11,76 ... 13,72
R3/8	21,56 ... 25,32
R1/2	27,44 ... 29,40

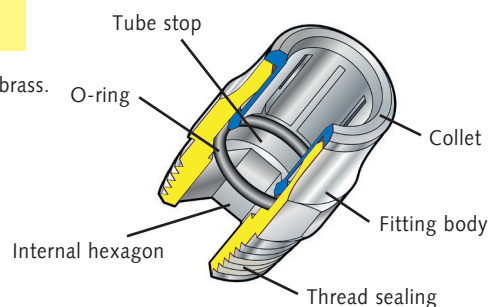
Pneufit C Fittings

- Housing made primarily from plastic.
- Low cost.
- Modern design.
- Increasing distribution.
- Operating pressure: max. 10 bar.
- Vacuum: max. -1 bar.

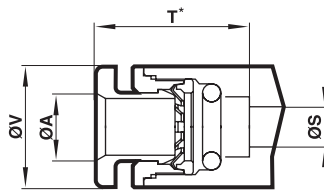


Pneufit Push-In Fast Connectors

- Housing made primarily from nickel plated brass.
- Classical design.
- Operating pressure: max. 18 bar.
- Vacuum: max. -1 bar.

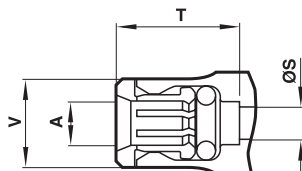


Pneufit C dimensions



Ø A	Ø S*	Ø T**	V _{max}
4 mm	2,8	15,3	10,7
6 mm	4,4	17,1	12,9
8 mm	6,0	19,2	14,5

Pneufit Push-In dimensions

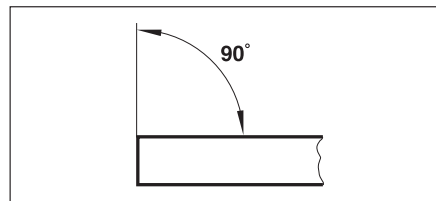


Ø A	Ø S*	Ø T**	V _{max}
4	2,8	14,0	7,5
6	4,4	15,5	11,0
8	6,0	16,5	13,0
10	7,6	21,0	14,5
12	9,6	24,5	18,0
14	11,5	24,5	20,0

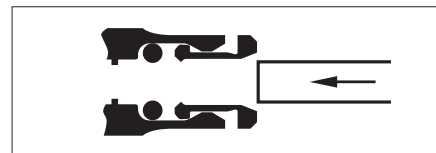
* Dimensions valid for all threaded connectors (exemptions possible).

** Dimensions with pushed out grab ring.

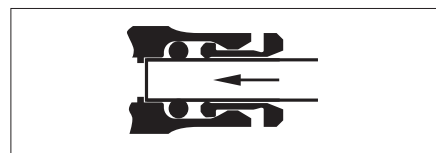
Mounting



Ensure that tube is cut off square and is free from burrs.

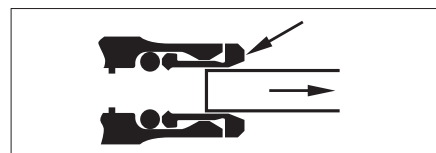


Push end of tube (outside surface must be free from damage) into the collet.



Push the tube firmly through the O-ring until it bottoms on the Stop.

disassembly



Push the collet against the fitting and withdraw the tube.

Fittings Pneufit C

Ø A = matching tube outer diameter. B = Thread (G for parallel, R for conical).

Drawings with complete dimensions can be found on the internet under www.maedler.de

Straight Unions

Product No.	Ø A mm
866 104 00	4
866 106 00	6
866 108 00	8



Swivel Elbow Adaptors with Taper Thread

Product No.	Ø A mm	B
866 404 18	4	R1/8
866 404 14	4	R1/4
866 406 18	6	R1/8
866 406 14	6	R1/4
866 408 18	8	R1/8
866 408 14	8	R1/4



Straight Adaptors with Taper Thread

Product No.	Ø A mm	B
866 204 18	4	R1/8
866 204 14	4	R1/4
866 206 18	6	R1/8
866 206 14	6	R1/4
866 208 18	8	R1/8
866 208 14	8	R1/4



Swivel Elbow Adaptors with Cylindrical Thread

Product No.	Ø A mm	B
866 504 18	4	G1/8
866 504 14	4	G1/4
866 506 18	6	G1/8
866 506 14	6	G1/4
866 508 18	8	G1/8
866 508 14	8	G1/4



Straight Adaptors with Cylindrical Thread

Product No.	Ø A mm	B
866 304 18	4	G1/8
866 304 14	4	G1/4
866 306 18	6	G1/8
866 306 14	6	G1/4
866 308 18	8	G1/8
866 308 14	8	G1/4



Swivel Tee-Adaptors with Cylindrical Thread

Product No.	Ø A mm	B
866 604 18	4	G1/8
866 604 14	4	G1/4
866 606 18	6	G1/8
866 606 14	6	G1/4
866 608 18	8	G1/8
866 608 14	8	G1/4



Union Elbows

Product No.	Ø A mm
866 124 00	4
866 126 00	6
866 128 00	8



Pneufit C Fittings

- Housing made primarily from plastic.
- Low cost.
- Modern design.
- Increasing distribution.
- Operating pressure: max. 10 bar.
- Vacuum: max. -1 bar.

Fittings Pneufit Push-In

Ø A = matching tube outer diameter. B = Thread (G for parallel, R for conical).

Drawings with complete dimensions can be found on the internet under www.maedler.de

Straight Adaptors with Cylindrical Thread

Product No.	Ø A mm	B
860 104 03	4	M3
860 104 05	4	M5
860 104 18	4	G ¹ / ₈ A
860 104 28	4	G ¹ / ₄ A
860 106 05	6	M5
860 106 18	6	G ¹ / ₈ A
860 106 28	6	G ¹ / ₄ A
860 108 18	8	G ¹ / ₈ A
860 108 28	8	G ¹ / ₄ A
860 108 38	8	G ³ / ₈ A
860 108 48	8	G ¹ / ₂ A
860 110 18	10	G ¹ / ₈ A
860 110 28	10	G ¹ / ₄ A
860 110 38	10	G ³ / ₈ A
860 110 48	10	G ¹ / ₂ A
860 112 28	12	G ¹ / ₄ A
860 112 38	12	G ³ / ₈ A
860 112 48	12	G ¹ / ₂ A
860 114 38	14	G ³ / ₈ A
860 114 48	14	G ¹ / ₂ A



Straight Unions

Product No.	Ø A mm
860 604 00	4
860 606 00	6
860 608 00	8
860 610 00	10
860 612 00	12



Push-In Silencers

Product No.	Ø A mm
861 404 00	4
861 406 00	6
861 408 00	8



Plugs

Product No.	Ø A mm
861 104 00	4
861 106 00	6
861 108 00	8
861 110 00	10
861 112 00	12



Reducing / Enlarging Connectors

Product No.	Ø A1 mm	Ø A mm
Reducing		
860 906 04	6	4
860 908 04	8	4
860 908 06	8	6
860 910 06	10	6
860 910 08	10	8
Enlarging:		
860 904 06	4	6
860 906 08	6	8



Pneufit Push-In Fast Connectors

- Housing made primarily from nickel plated brass.
- Classical design.
- Operating pressure: max. 18 bar.
- Vacuum: max. -1 bar.

Fittings Pneufit Push-In

Ø A = matching tube outer diameter. B = Thread (G for parallel, R for conical).

Drawings with complete dimensions can be found on the internet under www.maedler.de

Swivel Elbow Adaptors with Cylindrical Thread

Product No.	Ø A mm	B
861 704 05	4	M5
861 704 18	4	G ¹ / ₈ A
861 704 28	4	G ¹ / ₄ A
861 706 05	6	M5
861 706 18	6	G ¹ / ₈ A
861 706 28	6	G ¹ / ₄ A
861 708 18	8	G ¹ / ₈ A
861 708 28	8	G ¹ / ₄ A
861 708 38	8	G ³ / ₈ A
861 710 28	10	G ¹ / ₄ A
861 710 38	10	G ³ / ₈ A
861 710 48	10	G ¹ / ₂ A
861 712 28	12	G ¹ / ₄ A
861 712 48	12	G ¹ / ₂ A



Tee Connectors

Product No.	Ø A mm
862 604 00	4
862 606 00	6
862 608 00	8
862 610 00	10
862 612 00	12



Swivel Elbow Adaptors 45° with O ring

Product No.	Ø A mm	B mm
862 006 18	6	G ¹ / ₈ A
862 006 28	6	G ¹ / ₄ A
862 008 18	8	G ¹ / ₈ A
862 008 28	8	G ¹ / ₄ A



4-Way Cross Connectors

Product No.	Ø A mm
862 906 00	6
862 908 00	8
862 910 00	10



Elbow Connectors

Product No.	Ø A mm
862 104 00	4
862 106 00	6
862 108 00	8
862 110 00	10
862 112 00	12



Parallel Y-Connectors

Product No.	Ø A mm	Ø A1 mm
863 004 00	1x4	2x4
863 006 00	1x6	2x6
863 008 00	1x8	2x8
863 010 00	1x10	2x10
863 006 04	1x6	2x4
863 008 06	1x8	2x6
863 010 08	1x10	2x8



Swivel Elbow Bulkhead Connectors

Product No.	Ø A mm
862 206 00	6
862 208 00	8
862 210 00	10



Stem Elbow Connectors

Product No.	Ø A mm	Ø A1 mm
862 304 00	4	4
862 306 00	6	6
862 308 00	8	8

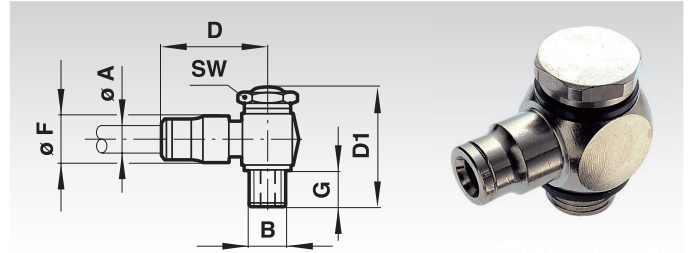


Pneufit Push-In Fast Connectors

- Housing made primarily from nickel plated brass.
- Classical design.
- Operating pressure: max. 18 bar.
- Vacuum: max. -1 bar.

Elbow Banjo Assembly with Sealing Ring

Material: Brass, nickel plated.



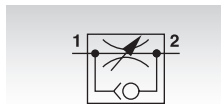
Ordering details: e.g.: Product No. 863 504 05, Elbow Banjo Assembly with Sealing Ring, Tube Outer-Ø 4 mm, Thread M5

Product No.	Ø A mm	B	D mm	D1 mm	SW mm	Ø F mm	G mm	Weight g
863 504 05	4	M5	18,7	22	8	9,5	4,0	13
863 504 18	4	G ¹ / ₈ A	20,6	30	14	11,0	6,0	34
863 506 05	6	M5	22,2	22	8	12,5	4,0	17
863 506 28	6	G ¹ / ₄ A	24,2	34	17	13,0	7,4	54
863 508 18	8	G ¹ / ₈ A	23,7	30	14	14,0	6,0	37
863 508 28	8	G ¹ / ₄ A	24,7	34	17	14,0	7,4	56
863 508 38	8	G ³ / ₈ A	26,7	41	22	16,5	9,0	112
863 510 28	10	G ¹ / ₄ A	30,2	34	17	16,0	7,4	59

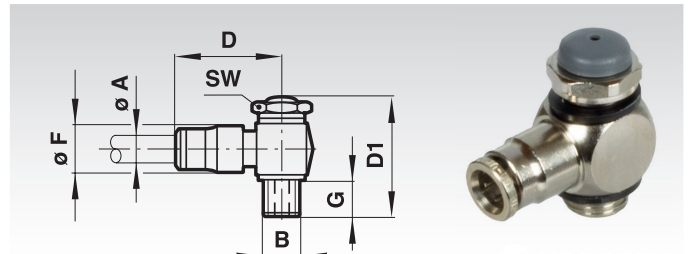
Elbow Banjo Assembly, Regulating Out, with Sealing Ring

Material: Brass, nickel plated.

Symbol



Ordering details: e.g.: Product No. 863 604 05, Elbow Banjo Assembly, Regulating Out, with Sealing Ring, Tube Outer-Ø 4 mm, Thread M5

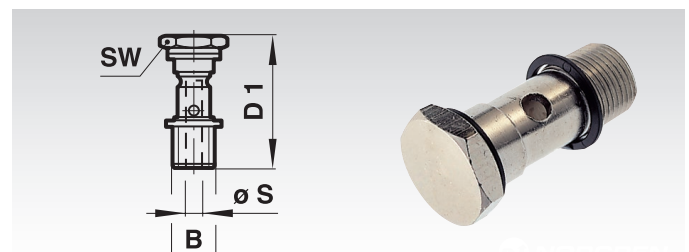


Product No.	Ø A mm	B	D mm	D1 mm	SW mm	Ø F mm	G mm	Weight g
863 604 05	4	M5	18,7	27,0	8	9,5	4,4	13
863 604 18	4	G ¹ / ₈ A	20,6	34,0	14	11,0	6,0	34
863 606 05	6	M5	22,2	27,0	8	12,5	4,4	17
863 606 18	6	G ¹ / ₈ A	23,7	34,0	14	12,5	6,0	37
863 606 28	6	G ¹ / ₄ A	24,2	36,5	17	13,0	6,0	58
863 608 28	8	G ¹ / ₄ A	24,7	36,5	17	14,0	6,0	59
863 608 38	8	G ³ / ₈ A	26,7	51,5	22	16,5	10,0	123
863 608 18	8	G ¹ / ₈ A	23,7	34,0	14	13,5	6,0	39
863 610 28	10	G ¹ / ₄ A	30,2	36,5	17	15,7	6,0	63

Banjo Bolts with Sealing Rings

Materials: Brass, nickel plated.

For combination with banjo bodies.



Ordering details: e.g.: Product No. 864 700 18, Banjo Bolt with Sealing Rings, G¹/₈A

Product No.	B	D1 mm	SW mm	Ø S mm	Weight g
864 700 18	G ¹ / ₈ A	30	14	5,0	15
864 700 28	G ¹ / ₄ A	34	17	8,5	25
864 700 38	G ³ / ₈ A	41	22	10,0	60