

Banjo Fittings

This range of fittings is ideal when access is only possible from above and **orientation of the tube** is required. This range of modular fittings includes single and multiple configurations, allowing **wide flexibility of design**.

Product Advantages

Compact Compact design with minimum space between fittings
 Banjo bolt designed for maximum flow
 Easy access, even when fittings are close together
 Easy assembly and automatic sealing:

- with pre-coating on taper threads
- with an integral O-ring seal on parallel threads

 Safe operation: orientation of tube is ensured
 100% leak-tested in production
 Date coding to guarantee quality and traceability

Modular Effortless stacking of banjo bodies to allow construction of 2 to 6 outlets
 Orientable (360°) for perfect alignment
 Modular: tube diameters may be different



Applications
 Robotics
 Automotive Process
 Pneumatics
 Semi-Conductors
 Textile
 Packaging

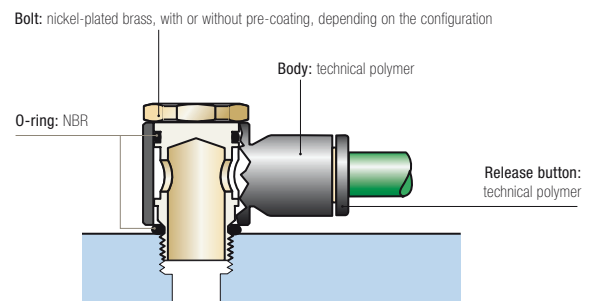
Technical Characteristics

Compatible Fluids	Compressed air Other fluids: please consult us
Working Pressure	Vacuum to 20 bar
Working Temperature	-20°C to +80°C

Tightening Torque (daN.m)	Threads					
	M3 x0.5	M5 x0.8	G1/8	G1/4	G3/8	G1/2
	0.05	0.1	0.4	0.5	0.6	0.7

Reliable performance is dependent upon the type of fluid conveyed, component materials and tubing being used.
 Use is guaranteed with a vacuum of 755 mm Hg (99% vacuum).

Component Materials



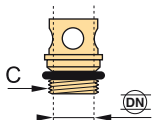
Silicone-free

Regulations

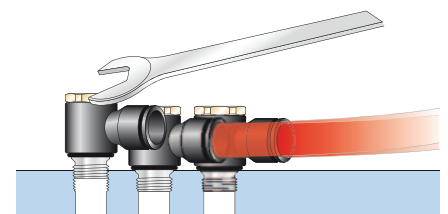
ISO 14743: Pneumatic fluid power, push-in connectors for thermoplastic tubes
 DI: 97/23/EC (PED)
 DI: 2002/95/EC (RoHS)
 2011/65/EC
 DI: 1907/2006 (REACH)

Installation Configurations

Thread and bore diameters for part numbers 3524 - 3527 - 3528 - 3529:


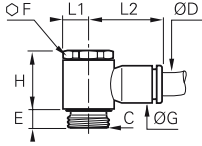



Thread (C)	M5x0.8	G1/8	G1/4	G3/8	G1/2
DN	2.5	5.5	8.5	11	13




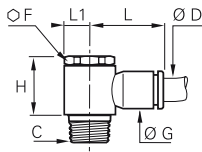

Banjo Fittings

3118 Single Banjo, Male BSPP and Metric Thread

	 <p>Technical polymer, nickel-plated brass, NBR</p>	ØD	C		E	F	G	H	L1	L2	kg
		3	M3x0.5	3118 03 09*	3	-	8.5	13	5	16	0.005
			M5x0.8	3118 03 19*	4	-	8.5	13	5	16	0.005
			M5x0.8	3118 04 19*	4	-	8.5	13	5	16.5	0.004
			G1/8	3118 04 10	4	13	8.5	17	7	18.5	0.012
			M5x0.8	3118 06 19*	4	-	10.5	13	7	18.5	0.004
			G1/8	3118 06 10	4	13	10.5	17	7	20	0.013
			G1/4	3118 06 13	5.5	17	10.5	21	9.5	22	0.023
			G1/8	3118 08 10	4	13	13.5	16.5	7	25	0.013
			G1/4	3118 08 13	5.5	17	13.5	21	9	27	0.024
			G3/8	3118 08 17	5.5	20	13.5	24.5	11	29	0.038
			G1/4	3118 10 13	5.5	17	16	21	9.5	29	0.025
			G3/8	3118 10 17	5.5	20	16	24.5	11	31	0.039
			G1/2	3118 10 21	8	25	19	27.5	13.5	36.5	0.083
			G3/8	3118 12 17	5.5	20	19	24.5	11	34.5	0.044
			G1/2	3118 12 21	8	25	19	27.5	13.5	36.5	0.074


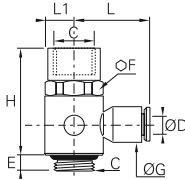

*With screwdriver slot

3018 Single Banjo, Male BSPT Thread

	 <p>Technical polymer, nickel-plated brass, NBR</p>	ØD	C		F	G	H	L	L1	kg
		4	R1/8	3018 04 10	13	8.5	18.5	18.5	7	0.015
			R1/8	3018 06 10	13	10.5	18.5	20	7	0.015
			R1/4	3018 06 13	17	10.5	22.5	22	9.5	0.029
			R1/8	3018 08 10	13	13.5	18.5	25	7	0.016
			R1/4	3018 08 13	17	13.5	22.5	27	9.5	0.030
			R3/8	3018 08 17	21	13.5	26.5	29	11	0.047
			R1/4	3018 10 13	17	16	22.5	29	9.5	0.032
			R3/8	3018 10 17	21	16	26.5	31	11	0.048
			R1/4	3018 12 13	21	19	26.5	34.5	11	0.052
			R3/8	3018 12 17	21	19	26.5	34.5	11	0.050
			R1/2	3018 12 21	25	19	30	37	13.5	0.086


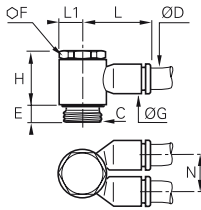

Pre-coated thread

3124 Single Banjo, Male/Female BSPP and Metric Thread

	 <p>Technical polymer, nickel-plated brass, NBR</p>	ØD	C		E	F	G	H	L	L1	kg
		4	M5x0.8	3124 04 19	4	8	8.5	19	16	5	0.006
			G1/8	3124 04 10	4	13	8.5	25.5	18.5	7	0.015
			G1/4	3124 06 13	5.5	17	10.5	33	22	9	0.030
			G3/8	3124 08 17	5.5	20	13.5	37.5	29	11	0.056


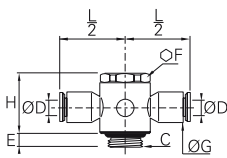

This product family was developed to allow assembly of a function fitting on a cylinder.

3149 Twin Banjo, Male BSPP and Metric Thread

	 <p>Technical polymer, nickel-plated brass, NBR</p>	ØD	C		E	F	G	H	L	L1	N	kg
		4	M5x0.8	3149 04 19*	4	-	8.5	13	16	4.5	9	0.005
			G1/8	3149 04 10	4	13	10.5	16.5	18.5	7	11.5	0.018
			G1/8	3149 06 10	4	13	10.5	16.5	18.5	7	11.5	0.014
			G1/4	3149 06 13	5.5	17	13.5	21	27	9.5	14.5	0.035
			G1/4	3149 08 13	5.5	17	13.5	21	27	9.5	14.5	0.026
			G3/8	3149 08 17	5.5	20	16	24.5	31	11	17	0.053
			G3/8	3149 10 17	5.5	20	16	24.5	31	11	17	0.042

*With screwdriver slot

3119 Double Banjo, BSPP and Metric Thread

	 <p>Technical polymer, nickel-plated brass, NBR</p>	ØD	C		E	F	G	H	L/2	kg
		4	M5x0.8	3119 04 19*	4	-	8.5	13	8	0.005
			G1/8	3119 04 10	4	13	11	17	20	0.021
			G1/8	3119 06 10	4	13	11	17	20	0.024
			G1/4	3119 06 13	5.5	17	13.5	21	26.5	0.031
			G1/4	3119 08 13	5.5	17	13.5	21	27	0.033
			G3/8	3119 08 17	5.5	20	16	24.5	30.5	0.053
			G3/8	3119 10 17	5.5	20	16	24.5	31	0.045

*With screwdriver slot