

Main features and certifications

Push-in fittings in nickel-plated brass, for high pressures, and main body in acetalic resin (POM). Available in many versions, threads and tube diameters. Supplied as standard in compliance to Reach and RoHS directives.



Series R

from page 4.3.1



Series of push-in fittings in nickel-plated brass, with reduced dimensions, for connecting Nylon and Polyurethane tubes, with new collet and release collet design. Available in different configurations, with taper BSPT threads and BSP with O-ring, in various sizes. Stud threaded versions are supplied as standard with internal and external hexagonal wrench (for narrow places mounting).

Series RHP

from page 4.5.1



Series of push-in fittings in nickel-plated brass for high pressures, suitable for use in the lubrication field. They can be used up to 250 bar. Available in different configurations, with taper BSPT threads, in various sizes.

Series RT

from page 4.7.1



Series of push-in fittings in acetalic resin (POM), with reduced dimensions, for connecting Nylon and Polyurethane tubes, with new collet and release collet design. Available in different configurations, with taper BSPT threads and BSP with O-ring, in various sizes. Stud threaded versions are supplied as standard with internal and external hexagonal wrench (for narrow places mounting).



Code key

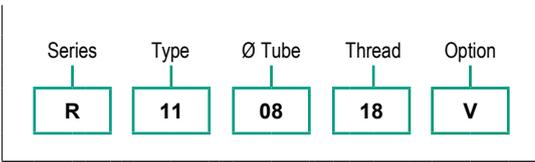
Series	Type*	Ø Tube*	Thread (or Ø Tube 2)*	Seals option
R	11	08	18	V
R	11, 12, 13, 14, 15, 17, 18, 19, 21, 22, 23, 25, 26, 27, 27F, 29, 31, 32, 35, 36, 38, 39, 40, 41, 42, 43, 44, 51, 52, 53, 57, 59, 60, 61, 62, 63, 64, 65	03 = Ø 3 mm 04 = Ø 4 mm 06 = Ø 6 mm 08 = Ø 8 mm 10 = Ø 10 mm 12 = Ø 12 mm 14 = Ø 14 mm 16 = Ø 16 mm	M3 = M3x0,5 M5 = M5x0,8 M6 = M6x1 M7 = M7x1 12x1,25 = M12x1,25 12x1,5 = M12x1,5 18 = 1/8" 14 = 1/4" 38 = 3/8" 12 = 1/2" 34 = 3/4"	V = FKM (-10°C ÷ +150°C)

Notes

For standard materials see the table below.

* For matching between fitting type, tube diameter and thread, see from page 4.3.2; for the specific type, see the following pages.

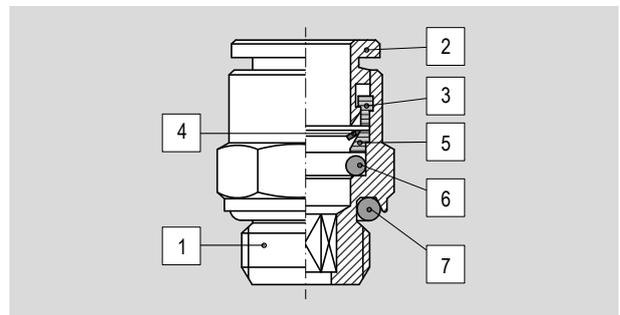
How to order



Technical data

Version	Series R
Fluid	Compressed air
Maximum pressure	20 bar
Vacuum	-99 KPa
Temperature range	-20°C ÷ +80°C (standard) -10°C ÷ +150°C (V)
Parallel threads	UNI - ISO 228 / 1 (BSP)
Taper threads	UNI EN 10226-1 (BSPT)
Metric threads	UNI EN ISO 965-1
Tubes	Calibrated Nylon (PA6), PU and Rilsan (PA11)
Tubes tolerance	Ø 3 mm ÷ Ø 10 mm ±0,07 mm
	Ø 12 mm ÷ Ø 16 mm ±0,1 mm

Standard materials



Position	Description	Material
1	Body	Nickel-plated brass
2	Release collar	Nickel-plated brass
3	Sealing ring	Acetalic resin (POM)
4	Collet	Stainless Steel AISI 301
5	Protection ring	Acetalic resin (POM)
6, 7	Seals	NBR

Fittings series R

Type		Taper threads (BSPT)	Parallel threads (BSP)	Metric threads	For tube Ø mm	Stem Ø mm	Data sheet and code page	
R11	BSPT stud		1/8", 1/4", 3/8", 1/2"	-	-	4, 6, 8, 10, 12, 14	-	4.3.4
R12	BSP stud		-	1/8", 1/4", 3/8", 1/2", 3/4"	M3x0,5, M5x0,8, M6x1, M7x1, M12x1,25, M12x1,5	3, 4, 6, 8, 10, 12, 14, 16	-	4.3.5
R13	Female BSP stud		-	1/8", 1/4", 3/8", 1/2"	-	4, 6, 8, 10, 12	-	4.3.4
R25	Reducer		-	-	-	3, 4, 6, 8, 10, 12, 14	4, 6, 8, 10, 12, 14, 16	4.3.6
R38	BSP stem adapter		-	1/8", 1/4", 3/8", 1/2"	M5x0,8	-	4, 6, 8, 10, 12	4.3.6
R27	Bulkhead		-	-	-	3, 4, 6, 8, 10, 12	-	4.3.7
R27F	Female bulkhead		-	1/8", 1/4", 3/8"	-	6, 8, 10	-	4.3.7
R26	Union		-	-	-	3, 4, 6, 8, 10, 12, 14, 16	-	4.3.8
R39	Stem		-	-	-	-	4, 6, 8, 10, 12, 14	4.3.8
R29	Plug		-	-	-	-	3, 4, 6, 8, 10, 12, 14, 16	4.3.9
R14	BSPT elbow		1/8", 1/4", 3/8"	-	-	4, 6, 8, 10	-	4.3.9
R15	BSPT swivel elbow		1/8", 1/4", 3/8", 1/2"	-	-	4, 6, 8, 10, 12, 14	-	4.3.10
R41	BSP swivel elbow		-	1/8", 1/4", 3/8", 1/2", 3/4"	M5x0,8, M6x1, M12x1,25, M12x1,5	3, 4, 6, 8, 10, 12, 14, 16	-	4.3.11
R17	Female BSP elbow		-	1/8", 1/4", 3/8"	-	4, 6, 8, 10	-	4.3.10
R40	45° BSP swivel elbow		-	1/8", 1/4", 3/8", 1/2"	-	6, 8, 10, 12	-	4.3.12
R52	Extended BSP swivel elbow		-	1/8", 1/4"	-	4, 6, 8	-	4.3.12
R19	BSP swivel elbow with hexagonal wrench		-	1/8", 1/4", 3/8", 1/2"	M3x0,5, M5x0,8	3, 4, 6, 8, 10, 12	-	4.3.13
R53	Double BSP swivel elbow with hexagonal wrench		-	1/8", 1/4"	M5x0,8	4, 6, 8	-	4.3.13
R61	Stem elbow		-	-	-	4, 6, 8, 10	4, 6, 8, 10	4.3.14
R18	Equal elbow		-	-	-	3, 4, 6, 8, 10, 12, 14, 16	-	4.3.14
R42	BSPT swivel tee		1/8", 1/4", 3/8", 1/2"	-	-	4, 6, 8, 10, 12	-	4.3.15
R43	BSP swivel tee		-	1/8", 1/4", 3/8", 1/2"	-	4, 6, 8, 10, 12	-	4.3.15
R21	BSP swivel tee with hexagonal wrench		-	1/8", 1/4", 3/8", 1/2"	M5x0,8	4, 6, 8, 10, 12	-	4.3.16

4 - ACCESSORIES

Fittings series R

Type			Taper threads (BSPT)	Parallel threads (BSP)	Metric threads	For tube Ø mm	Stem Ø mm	Data sheet and code page
R57	Double BSP swivel tee with hexagonal wrench		-	1/8", 1/4"	M5x0,8	4, 6, 8	-	4.3.16
R62	Stem tee		-	-	-	4, 6, 8, 10	4, 6, 8, 10	4.3.17
R22	BSPT swivel side tee		1/8", 1/4", 3/8", 1/2"	-	-	4, 6, 8, 10, 12	-	4.3.17
R44	BSP swivel side tee		-	1/8", 1/4", 3/8", 1/2"	-	4, 6, 8, 10, 12	-	4.3.18
R63	Stem side tee		-	-	-	4, 6, 8, 10	4, 6, 8, 10	4.3.18
R23	Equal tee		-	-	-	3, 4, 6, 8, 10, 12, 14, 16	-	4.3.19
R51	Y piece		-	-	-	3, 4, 6, 8, 10, 12	-	4.3.19
R64	Equal H swivel union		-	-	-	4, 6, 8	-	4.3.20
R65	Y swivel piece		-	-	-	4, 6, 8	-	4.3.20
R31	Single hollow bolt		-	1/8", 1/4", 3/8", 1/2"	M5x0,8	-	-	4.3.21
R32	Double hollow bolt		-	1/8", 1/4", 3/8", 1/2"	-	-	-	4.3.21
R59	Single M/F banjo bolt		-	1/8", 1/4", 3/8"	-	-	-	4.3.22
R60	Double M/F banjo bolt		-	1/8", 1/4", 3/8"	-	-	-	4.3.22
R35	Single banjo		-	-	-	4, 6, 8, 10, 12	-	4.3.23
R36	Double banjo		-	-	-	4, 6, 8, 10, 12	-	4.3.23

Thread/Tube matching

External Tube Ø	Thread															
	M3x05	M5x0,8	M6x1	M7x1	M12x1,25	M12x1,5	G1/8"	G1/4"	G3/8"	G1/2"	G3/4"	R1/8"	R1/4"	R3/8"	R1/2"	
Ø 3 mm	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ø 4 mm	-	●	●	●	-	-	●	●	-	-	-	●	●	-	-	
Ø 6 mm	-	●	●	●	●	●	●	●	●	●	-	●	●	●	-	
Ø 8 mm	-	-	-	-	-	-	●	●	●	●	-	●	●	●	●	
Ø 10 mm	-	-	-	-	-	-	●	●	●	●	-	●	●	●	●	
Ø 12 mm	-	-	-	-	-	-	-	-	●	●	-	-	●	●	●	
Ø 14 mm	-	-	-	-	-	-	-	-	●	●	-	-	-	●	●	
Ø 16 mm	-	-	-	-	-	-	-	-	-	●	●	-	-	-	-	

Key
● available matching; - not available matching

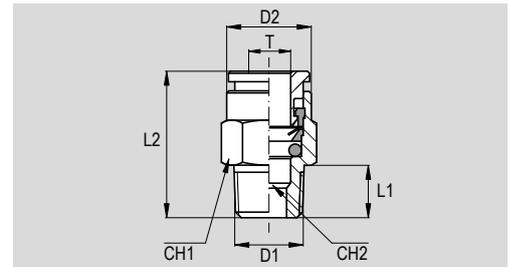
Push-in fittings

Series R



Main features

Type	Description
R11	BSPT stud. In nickel-plated brass.

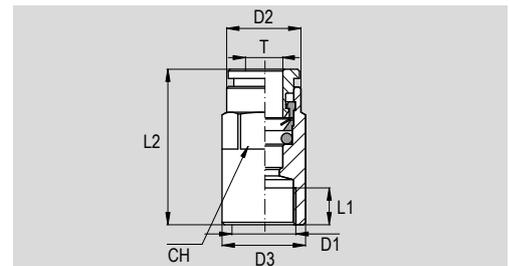


Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	CH1	CH2	Weight (g)
020001	R 11 04 18	4	R1/8"	9	7,5	16	10	3	5,5
020002	R 11 04 14	4	R1/4"	9	11	20,5	14	3	16,1
020005	R 11 06 18	6	R1/8"	12	7,5	21	12	4	8,7
020006	R 11 06 14	6	R1/4"	12	11	20,5	14	4	15,8
020573	R 11 06 38	6	R3/8"	12	11,5	21	17	4	-
020007	R 11 08 18	8	R1/8"	14	7,5	25	14	6	13,2
020008	R 11 08 14	8	R1/4"	14	11	23,5	14	6	13,9
020009	R 11 08 38	8	R3/8"	14	11,5	22,5	17	6	23,6
020574	R 11 08 12	8	R1/2"	13,9	14	25	22	6	-
020575	R 11 10 18	10	R1/8"	15,9	7,5	28	16	6	-
020010	R 11 10 14	10	R1/4"	16	11	30,5	16	8	20,2
020011	R 11 10 38	10	R3/8"	16	11,5	24	17	8	20
020016	R 11 10 12	10	R1/2"	16	14	27	22	8	47,5
020017	R 11 12 14	12	R1/4"	19	11	32	19	8	28,5
020012	R 11 12 38	12	R3/8"	19	11,5	27,5	19	10	24,1
020013	R 11 12 12	12	R1/2"	19	14	27,5	22	10	42,3
020014	R 11 14 38	14	R3/8"	22	11,5	35,5	22	10	40,1
020015	R 11 14 12	14	R1/2"	22	14	32,5	22	12	39,5

Main features

Type	Description
R13	Female BSP stud. In nickel-plated brass.

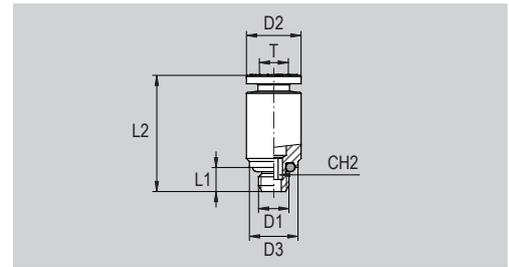


Dimensions

Code	Item	T (ØTube)	D1	D2	D3	L1	L2	CH	Weight (g)
020061	R 13 04 18	4	G1/8"	9	13	7	23,5	9	10
020064	R 13 06 18	6	G1/8"	12	14	7	26	12	15,1
020065	R 13 06 14	6	G1/4"	12	16	10	30	12	18,5
020066	R 13 08 18	8	G1/8"	13,7	16	7	26	14	17,5
020067	R 13 08 14	8	G1/4"	14	16	10	30	14	20,2
020250	R 13 08 38	8	G3/8"	14	20	11	31	14	25,9
020068	R 13 10 14	10	G1/4"	16	18,5	10	32	16	24,4
020069	R 13 10 38	10	G3/8"	16	20	11	33,5	16	30,3
020260	R 13 10 12	10	G1/2"	16	25	11	36,5	16	45
020576	R 13 12 38	12	G3/8"	19	23,1	11	34	20	38,3
020577	R 13 12 12	12	G1/2"	18,8	25	11	37	19	50,9

Main features

Type	Description
R12	BSP stud. In nickel-plated brass.

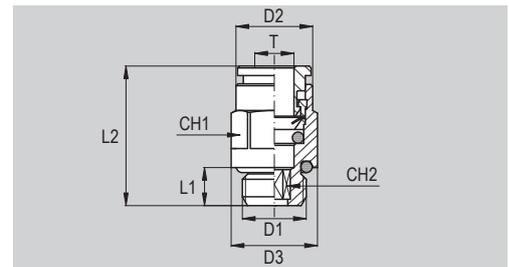


Dimensions

Code	Item	T (ØTube)	D1	D2	D3	L1	L2	CH2	Weight (g)
020029	R 12 03 M3	3	M3x0,5	6,5	5,5	3	15,5	1,5	1,4
020030	R 12 03 M5	3	M5x0,8	6,5	7	4	15,8	2	2,3
020031	R 12 04 M5	4	M5x0,8	9	8	4	19	2,5	4,4
020032	R 12 04 M6	4	M6x1	9	9	4,5	20	3	4,3
020188	R 12 04 M7	4	M7x1	9	9	5	20	3	5
020051	R 12 06 M5	6	M5x0,8	12	8	4	22,2	2,5	8,6
020052	R 12 06 M6	6	M6x1	12	9	4,5	22,8	3	8,9
020189	R 12 06 M7	6	M7x1	12	9	5	23	3	9,5

Main features

Type	Description
R12	BSP stud. In nickel-plated brass.



Dimensions

Code	Item	T (ØTube)	D1	D2	D3	L1	L2	CH1	CH2	Weight (g)
020033	R 12 04 18	4	G1/8"	9	13	5	16,5	9	3	6,1
020034	R 12 04 14	4	G1/4"	9	16	6,5	18,5	9	3	12
020049	R 12 06 12x1,25	6	M12x1,25	12	15	6,5	21	12	4	11,8
020050	R 12 06 12x1,5	6	M12x1,5	12	15	6,5	21	12	4	12,9
020037	R 12 06 18	6	G1/8"	12	13,5	5	19,5	12	4	9,1
020038	R 12 06 14	6	G1/4"	12	16	6,5	19,5	12	4	12,7
020578	R 12 06 38	6	G3/8"	11,9	20	7	20,5	12	4	-
020579	R 12 06 12	6	G1/2"	11,9	25	8,5	22,5	12	4	-
020039	R 12 08 18	8	G1/8"	14	14,5	5	23,5	13	6	11,5
020040	R 12 08 14	8	G1/4"	14	16	6,5	21,5	14	6	13,9
020041	R 12 08 38	8	G3/8"	14	20	7	21	14	6	20,1
020247	R 12 08 12	8	G1/2"	14	25	8,5	23	14	6	34,3
020587	R 12 10 18	10	G1/8"	15,9	13	5	26,5	15	8	-
020042	R 12 10 14	10	G1/4"	16	16,5	6,5	27,5	15	8	17,5
020043	R 12 10 38	10	G3/8"	16	20	7	25	16	8	22,6
020053	R 12 10 12	10	G1/2"	16	25	8,5	25,5	16	8	34,5
020054	R 12 12 14	12	G1/4"	19	21	6,5	28,5	19	8	26,2
020044	R 12 12 38	12	G3/8"	19	21	7	28,5	19	10	29
020045	R 12 12 12	12	G1/2"	19	25	8,5	26,5	19	10	36,1
020046	R 12 14 38	14	G3/8"	22	25	7	32	22	10	37,5
020047	R 12 14 12	14	G1/2"	22	25	8,5	32	22	12	42,4
020248	R 12 16 12	16	G1/2"	24	28	8,5	34,5	25	13	53,6
020249	R 12 16 34	16	G3/4"	24	32	9,5	32	24	13	68,2

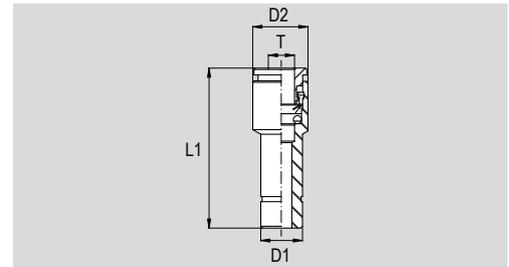
Push-in fittings

Series R



Main features

Type	Description
R25	Reducer. In nickel-plated brass.

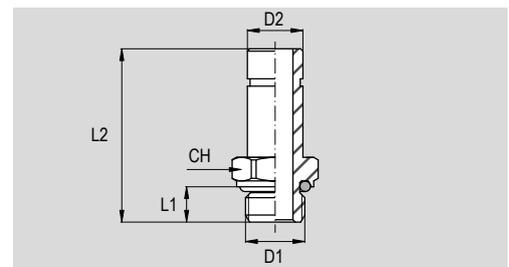


Dimensions

Code	Item	T (ØTube)	D1	D2	L1	Weight (g)
020529	R 25 03 04	3	4	6,5	27,5	2,5
020531	R 25 04 06	4	6	9	33,5	7
020532	R 25 04 08	4	8	9	33,5	10
020533	R 25 04 10	4	10	10	31,5	15
020534	R 25 04 12	4	12	12	32,5	24,5
020548	R 25 06 04	6	4	12	35,5	10
020538	R 25 06 08	6	8	12	35	11,5
020539	R 25 06 10	6	10	12	36,5	16,5
020540	R 25 06 12	6	12	12	35,5	22,2
020545	R 25 06 14	6	14	14	37,5	25
020549	R 25 08 06	8	6	14	39,5	13,5
020541	R 25 08 10	8	10	14	37	15
020542	R 25 08 12	8	12	14	37	15
020546	R 25 08 14	8	14	14	38,5	31,5
020543	R 25 10 12	10	12	16	42	20
020544	R 25 10 14	10	14	16	42	29,5
020547	R 25 12 14	12	14	19	43	24
020597	R 25 14 16	14	16	22	49,5	91,8

Main features

Type	Description
R38	BSP stem adapter. In nickel-plated brass.



Dimensions

Code	Item	D1	D2	L1	L2	CH	Weight (g)
020791	R 38 04 M5	M5x0,8	4	4	26	9	3,2
020792	R 38 04 18	G1/8"	4	5	28	13	7,3
020793	R 38 04 14	G1/4"	4	6,5	29,5	16	12,4
020805	R 38 06 M5	M5x0,8	6	4	28	9	5,9
020796	R 38 06 18	G1/8"	6	5	30	13	8,5
020797	R 38 06 14	G1/4"	6	6,5	32,5	16	13,7
020798	R 38 08 18	G1/8"	8	5	31	13	9,4
020799	R 38 08 14	G1/4"	8	6,5	33,5	16	14,5
020800	R 38 10 14	G1/4"	10	6,5	34,5	16	15,5
020801	R 38 10 38	G3/8"	10	7	35	20	22
020802	R 38 12 38	G3/8"	12	7	38	20	23,6
020803	R 38 12 12	G1/2"	12	8,5	39,5	25	38

4 - ACCESSORIES

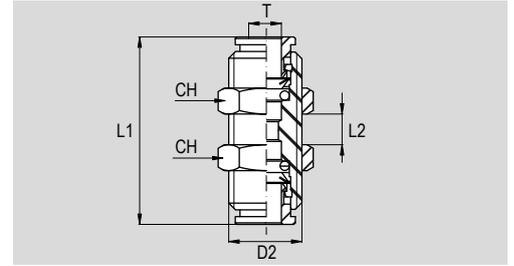
Push-in fittings

Series R



Main features

Type	Description
R27 	Bulkhead. In nickel-plated brass.

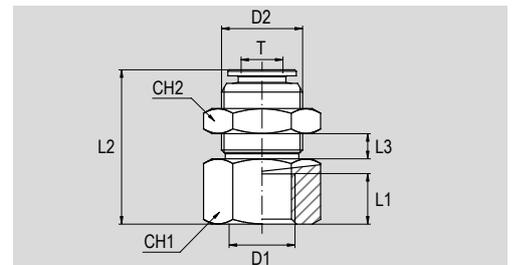


Dimensions

Code	Item	T (ØTube)	D2	L1	L2 (max)	CH	Weight (g)
020580	R 27 03 03	3	M8x0,75	22,5	9,5	12	14,5
020581 	R 27 04 04	4	M12x1	28	11	16	23,5
020583 	R 27 06 06	6	M14x1	34	16	18	33
020584 	R 27 08 08	8	M16x1	34	16	20	39,5
020585 	R 27 10 10	10	M18x1	39	19	22	51,5
020586 	R 27 12 12	12	M20x1	41	20	24	60

Main features

Type	Description
R27F	Female bulkhead. In nickel-plated brass.



Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	L2	CH1	CH1	Weight (g)
020619	R 27F 06 18	6	G1/8"	M14x1	7	26.5	9	18	18	-
020620	R 27F 06 14	6	G1/4"	M14x1	10	30.5	9	18	18	-
020621	R 27F 08 18	8	G1/8"	M16x1	7	26.5	9	20	20	-
020622	R 27F 08 14	8	G1/4"	M16x1	10	30.5	9	20	20	-
020623	R 27F 10 38	10	G3/8"	M18x1	11	33	10	22	22	-

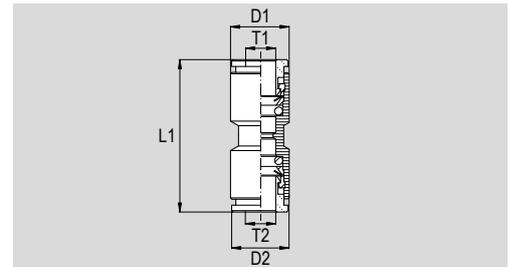
Push-in fittings

Series R



Main features

Type	Description
R26	Union. In nickel-plated brass.

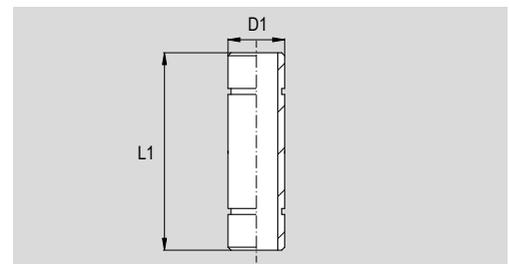


Dimensions

Code	Item	T1 (ØTube)	T2 (ØTube)	D1	D2	L1	Weight (g)
020560	R 26 03 03	3	3	6,5	6,5	21,5	2,7
020561	R 26 04 04	4	4	9	9	28	6,8
020563	R 26 06 06	6	6	12	12	33,6	15
020568	R 26 06 04	6	4	12	12	31	14,7
020564	R 26 08 08	8	8	14	14	34	18
020569	R 26 08 06	8	6	14	14	34	21
020565	R 26 10 10	10	10	16	16	38,6	22,5
020570	R 26 10 08	10	8	16	16	36,5	25,2
020566	R 26 12 12	12	12	19	19	41	37
020598	R 26 12 08	12	8	19	14	39	-
020599	R 26 12 10	12	10	19	16	40,5	-
020567	R 26 14 14	14	14	22	22	47	47,4
020600	R 26 14 12	14	12	22	19	44,5	-
020601	R 26 16 16	16	16	24	24	47	63,2
020602	R 26 16 12	16	12	24	19	44,5	-
020603	R 26 16 14	16	14	24	22	47	-

Main features

Type	Description
R39	Stem. In nickel-plated brass.



Dimensions

Code	Item	D1	L1	Weight (g)
020831	R 39 00 04	4	35	2,7
020833	R 39 00 06	6	40	5,1
020834	R 39 00 08	8	42	8
020835	R 39 00 10	10	50	11,8
020836	R 39 00 12	12	53	15,3
020837	R 39 00 14	14	54	18,8

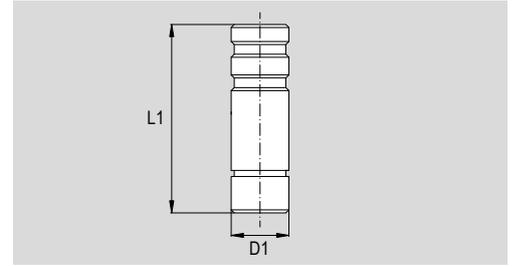
Push-in fittings

Series R



Main features

Type	Description
R29	Plug. In nickel-plated brass.

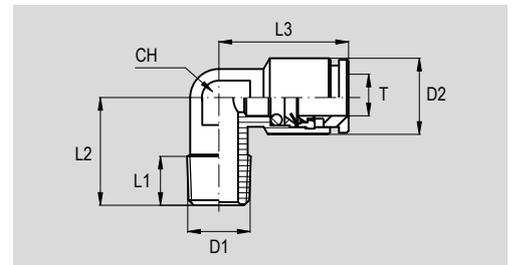


Dimensions

Code	Item	D1	L1	Weight (g)
020630	R 29 00 03	3	20	1
020631	R 29 00 04	4	25	2,3
020633	R 29 00 06	6	25	3,7
020634	R 29 00 08	8	30	7,2
020635	R 29 00 10	10	35	11,8
020636	R 29 00 12	12	40	18,2
020637	R 29 00 14	14	40	26,2
020638	R 29 00 16	16	40	32,5

Main features

Type	Description
R14	BSPT elbow. In nickel-plated brass.



Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	L3	CH	Weight (g)
020091	R 14 04 18	4	R1/8"	9	7,8	15	17,5	8	8,1
020101	R 14 04 14	4	R1/4"	9	10	19	17,5	10	13,9
020094	R 14 06 18	6	R1/8"	12	8,2	15,5	20,5	10	13,2
020095	R 14 06 14	6	R1/4"	12	10	19	20,5	10	16,7
020096	R 14 08 18	8	R1/8"	14	7,5	19	22,5	12	19,6
020097	R 14 08 14	8	R1/4"	14	10,5	20	22,5	12	22,6
020098	R 14 10 14	10	R1/4"	16	9,5	22	25	14	27,1
020099	R 14 10 38	10	R3/8"	16	10,8	22,5	25	14	32,1

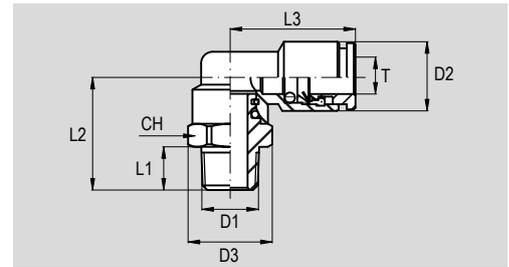
Push-in fittings

Series R



Main features

Type	Description
R15	BSPT swivel elbow. In nickel-plated brass.

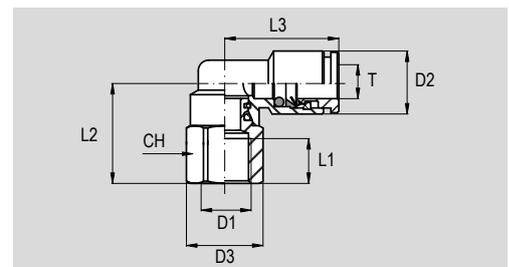


Dimensions

Code	Item	T (ØTube)	D1	D2	D3	L1	L2	L3	CH	Weight (g)
020131	R 15 04 18	4	R1/8"	9	11,2	7,5	17,85	19,5	10	10,8
020132	R 15 04 14	4	R1/4"	9	15,5	11	24,2	19,5	14	20,9
020135	R 15 06 18	6	R1/8"	12	14,5	7,5	20,2	22	13	19,4
020136	R 15 06 14	6	R1/4"	12	15,5	11	24,2	22	14	23,9
020588	R 15 06 38	6	R3/8"	12	20	11,5	25,2	22	18	-
020137	R 15 08 18	8	R1/8"	14	14,5	7,5	20	22,5	13	23
020138	R 15 08 14	8	R1/4"	14	15,5	11	24	22,5	14	26,4
020139	R 15 08 38	8	R3/8"	14	20	11,5	27	23	18	39,2
020589	R 15 08 12	8	R1/2"	14	24,5	14	31	23	22	-
020590	R 15 10 18	10	R1/8"	16	20	7,5	26,5	23	18	-
020140	R 15 10 14	10	R1/4"	16	20	11	26,5	26	18	38,6
020141	R 15 10 38	10	R3/8"	16	20	11,5	27	26	18	41
020591	R 15 10 12	10	R1/2"	16	24,5	14	31	26	22	-
020592	R 15 12 14	12	R1/4"	19	22,5	11	30	28,5	20	-
020142	R 15 12 38	12	R3/8"	19	22,5	11,5	30,5	28,5	20	61,8
020143	R 15 12 12	12	R1/2"	19	24,5	14	33,5	28,5	22	71,5
020144	R 15 14 38	14	R3/8"	22	22,5	11,5	30,5	32	20	66,2
020145	R 15 14 12	14	R1/2"	22	24,5	14	33,5	32	22	74,6

Main features

Type	Description
R17	Female BSP elbow. In nickel-plated brass.



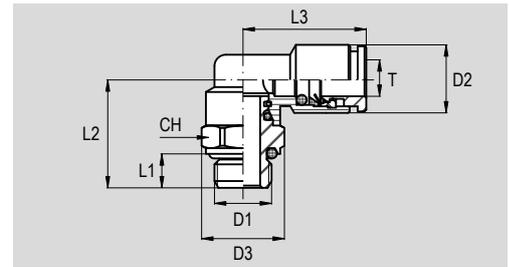
Dimensions

Code	Item	T (ØTube)	D1	D2	D3	L1	L2	L3	CH	Weight (g)
020251	R 17 04 18	4	G1/8"	9	14,5	6,5	17,9	19,5	13	17,3
020254	R 17 06 18	6	G1/8"	12	14,5	6,5	17,9	22	13	19,7
020255	R 17 06 14	6	G1/4"	12	18	10	22,2	22	16	25,4
020256	R 17 08 18	8	G1/8"	14	14,5	6,5	17,7	22,5	13	23,1
020257	R 17 08 14	8	G1/4"	14	18	10	22	22,5	16	29,1
020258	R 17 10 14	10	G1/4"	16	18	10	23	26	16	35,6
020259	R 17 10 38	10	G3/8"	16	22,5	10,5	25	26	20	43,5

4 - ACCESSORIES

Main features

Type	Description
R41	BSP swivel elbow. In nickel-plated brass.



Dimensions

Code	Item	T (ØTube)	D1	D2	D3	L1	L2	L3	CH	Weight (g)
020190	R 41 03 M5	3	M5x0,8	7	7,9	4	13,7	14	7	7,1
020191	R 41 04 M5	4	M5x0,8	9,1	10	4	14	17,5	9	8,8
020210	R 41 04 M6	4	M6x1	9,1	10	4,5	14,5	17,5	9	8,7
020192	R 41 04 18	4	G1/8"	9,1	14,5	5	18,2	19,5	13	15,7
020193	R 41 04 14	4	G1/4"	9,1	16	6,5	21,7	19,5	13	19
020211	R 41 06 M5	6	M5x0,8	12	10	4	14	20,5	9	11,9
020212	R 41 06 M6	6	M6x1	12	10	4,5	14,5	20,5	9	12
020208	R 41 06 12x1,25	6	M12x1,25	12	15	6,5	21,7	22	13	22
020209	R 41 06 12x1,5	6	M12x1,5	12	15	6,5	21,7	22	13	21,5
020196	R 41 06 18	6	G1/8"	12	14,5	5	18,2	22	13	18,5
020197	R 41 06 14	6	G1/4"	12	16	6,5	21,7	22	13	22
020607	R 41 06 38	6	G3/8"	12	20	7	22,2	22	13	-
020608	R 41 06 12	6	G1/2"	12	25	8,5	24,2	22	13	-
020198	R 41 08 18	8	G1/8"	14	14,5	5	18	22,5	13	22
020199	R 41 08 14	8	G1/4"	14	16	6,5	21,5	22,5	13	26
020200	R 41 08 38	8	G3/8"	14	20	7	25,5	23	16	36,8
020220	R 41 08 12	8	G1/2"	14	25	8,5	27,5	23	16	41
020609	R 41 10 18	10	G1/8"	16	18	5	20,5	26	16	-
020201	R 41 10 14	10	G1/4"	16	18	6,5	22	26	16	32,5
020202	R 41 10 38	10	G3/8"	16	20	7	25,5	26	16	39,5
020213	R 41 10 12	10	G1/2"	16	25	8,5	27,5	26	16	43,2
020214	R 41 12 14	12	G1/4"	19	22,5	6,5	25,5	28,5	20	58,5
020203	R 41 12 38	12	G3/8"	19	22,5	7	26	28,5	20	57
020204	R 41 12 12	12	G1/2"	19	25	8,5	30,5	28,5	20	65,1
020205	R 41 14 38	14	G3/8"	22	22,5	7	26	32	20	61,6
020206	R 41 14 12	14	G1/2"	22	25	8,5	30,5	32	20	68,5
020261	R 41 16 12	16	G1/2"	24	27	8,5	33	36,5	25	105,2
020262	R 41 16 34	16	G3/4"	24	32	9,5	35	36,5	25	113,8

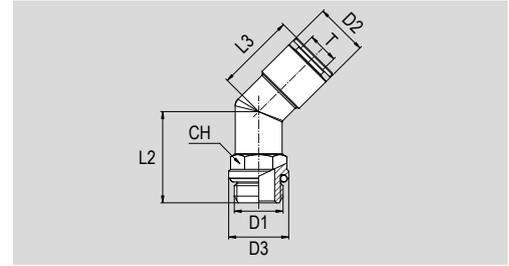
Push-in fittings

Series R



Main features

Type	Description
R40	45° BSP swivel elbow. In nickel-plated brass.

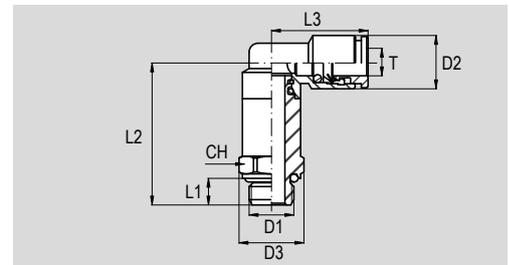


Dimensions

Code	Item	T (ØTube)	D1	D2	D3	L1	L2	L3	CH	Weight (g)
020611	R 40 06 18	6	G1/8"	12	12,8	5	21	21	13	-
020612	R 40 06 14	6	G1/4"	12	16	6,5	24,5	21	13	-
020613	R 40 08 18	8	G1/8"	14	12,8	5	21	21	13	-
020614	R 40 08 14	8	G1/4"	14	16	6,5	24,5	21	13	-
020615	R 40 10 14	10	G1/4"	16	16	6,5	23	25	13	-
020616	R 40 10 38	10	G3/8"	16	20	7	26,5	25	16	-
020617	R 40 12 38	12	G3/8"	20	20	7	26	25	16	-
020618	R 40 12 12	12	G1/2"	20	25	8,5	30,5	25	20	-

Main features

Type	Description
R52	Extended BSP swivel elbow. In nickel-plated brass.



Dimensions

Code	Item	T (ØTube)	D1	D2	D3	L1	L2	L3	CH	Weight (g)
020271	R 52 04 18	4	G1/8"	9,1	14,5	5	29,2	19,5	13	25,6
020274	R 52 06 18	6	G1/8"	12	14,5	5	32,2	22	13	30,5
020275	R 52 06 14	6	G1/4"	12	16	6,5	35,7	22	13	30,9
020276	R 52 08 18	8	G1/8"	14	14,5	5	34	22,5	13	35,7
020277	R 52 08 14	8	G1/4"	14	16	6,5	37,5	22,5	13	36

4 - ACCESSORIES

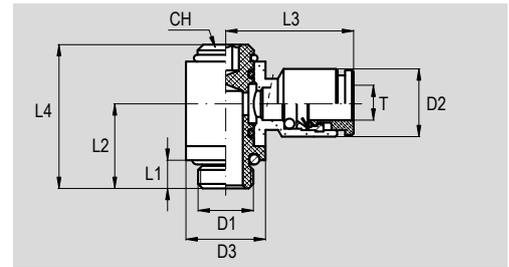
Push-in fittings

Series R



Main features

Type	Description
R19	BSP swivel elbow with hexagonal wrench. In nickel-plated brass.

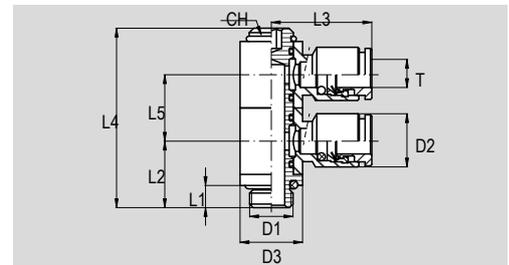


Dimensions

Code	Item	T (ØTube)	D1	D2	D3	L1	L2	L3	L4	CH	Weight (g)
020159	R 19 03 M3	3	M3x0,5	6,8	7	3	8,5	14	14	2	4,6
020160	R 19 03 M5	3	M5x0,8	6,8	7	4	9,5	14	15	2	8,1
020161	R 19 04 M5	4	M5x0,8	9	10	4	11	18,5	19	3	10,1
020162	R 19 04 18	4	G1/8"	9	14	5	15	20,5	25,5	4	22,2
020176	R 19 06 M5	6	M5x0,8	12	10	4	11	21,5	19	3	13,3
020166	R 19 06 18	6	G1/8"	12	14	5	15	22,5	25,5	4	24,4
020167	R 19 06 14	6	G1/4"	12	18	6,5	17,5	24	29	5	39,3
020168	R 19 08 18	8	G1/8"	14	14	5	15	23,5	25,5	4	25,7
020169	R 19 08 14	8	G1/4"	14	18	6,5	17,5	24,5	29	5	39,1
020170	R 19 10 14	10	G1/4"	16	18	6,5	17,5	27	29	5	43,6
020171	R 19 10 38	10	G3/8"	16	22	7	20	29	32,5	6	62,2
020172	R 19 12 38	12	G3/8"	19	22	7	20	29,5	32,5	6	67,1
020173	R 19 12 12	12	G1/2"	19	26	8,5	24	31,5	39,5	8	114,8

Main features

Type	Description
R53	Double BSP swivel elbow with hexagonal wrench. In nickel-plated brass.



Dimensions

Code	Item	T (ØTube)	D1	D2	D3	L1	L2	L3	L4	L5	CH	Weight (g)
020181	R 53 04 M5	4	M5x0,8	9	10	4	11	18,5	29,2	10	3	18,5
020182	R 53 04 18	4	G1/8"	9,1	14	5	15	20,5	40,5	15	4	40
020184	R 53 06 18	6	G1/8"	12	14	5	15	22,5	40,5	15	4	46
020185	R 53 06 14	6	G1/4"	12	18	6,5	17,5	24	46,1	17	5	69,5
020186	R 53 08 18	8	G1/8"	14	14	5	15	23,5	40,5	15	4	50
020187	R 53 08 14	8	G1/4"	14	18	6,5	17,5	24,5	46,1	17	5	69,5

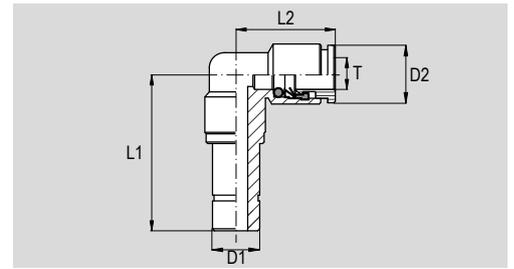
Push-in fittings

Series R



Main features

Type	Description
R61	Stem elbow. In nickel-plated brass.

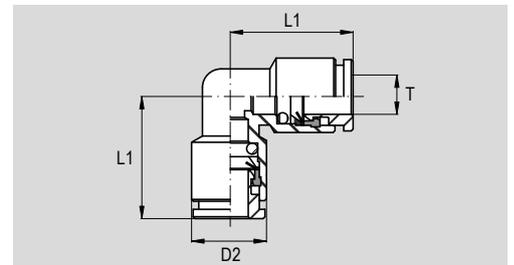


Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	Weight (g)
020121	R 61 04 04	4	4	9,1	25,5	19,5	14
020122	R 61 04 06	4	6	9,1	29,5	19,5	15
020123	R 61 06 04	6	4	12	25,5	22	17
020124	R 61 06 06	6	6	12	29,5	22	17
020125	R 61 06 08	6	8	12	29,5	22	17,5
020126	R 61 08 06	8	6	14	29,5	22,5	20,5
020127	R 61 08 08	8	8	14	29,5	22,5	20,5
020128	R 61 10 10	10	10	16	33,5	26	30

Main features

Type	Description
R18	Equal elbow. In nickel-plated brass.



Dimensions

Code	Item	T (ØTube)	D2	L1	Weight (g)
020280	R 18 03 03	3	7	13	4,5
020281	R 18 04 04	4	9	17,5	9
020283	R 18 06 06	6	12	20,5	16,5
020284	R 18 08 08	8	14	22,5	22
020285	R 18 10 10	10	16	25	29,5
020286	R 18 12 12	12	19	26,5	48,5
020287	R 18 14 14	14	22	31,5	58
020292	R 18 16 16	16	24	36,5	90,6

4 - ACCESSORIES

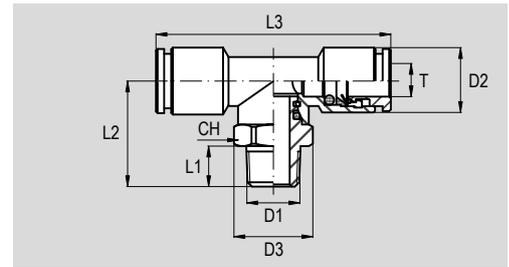
Push-in fittings

Series R



Main features

Type	Description
R42	BSPT swivel tee. In nickel-plated brass.

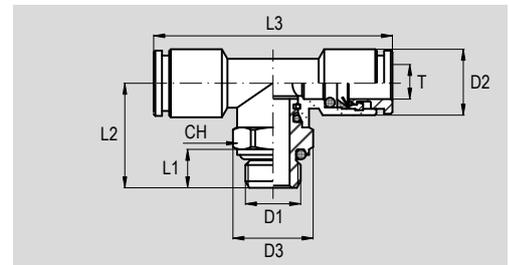


Dimensions

Code	Item	T (ØTube)	D1	D2	D3	L1	L2	L3	CH	Weight (g)
020341	R 42 04 18	4	R1/8"	9,1	14,5	7,5	20,2	39	13	21,5
020353	R 42 04 14	4	R1/4"	9,1	15,5	11	24,2	39	14	25,6
020344	R 42 06 18	6	R1/8"	12	14,5	7,5	20	44	13	26,3
020345	R 42 06 14	6	R1/4"	12	15,5	11	24	44	14	30,4
020346	R 42 08 18	8	R1/8"	14	14,5	7,5	20	45	13	31,3
020347	R 42 08 14	8	R1/4"	14	15,5	11	24	45	14	35,3
020352	R 42 08 38	8	R3/8"	14	20	11,5	27	46	18	49,1
020348	R 42 10 14	10	R1/4"	16	20	11	26,5	52	18	50
020349	R 42 10 38	10	R3/8"	16	20	11,5	27	52	18	51,6
020350	R 42 12 38	12	R3/8"	19	22,5	11,5	30,5	57	20	80
020351	R 42 12 12	12	R1/2"	19	24,5	14	33,5	57	22	83,5

Main features

Type	Description
R43	BSP swivel tee. In nickel-plated brass.



Dimensions

Code	Item	T (ØTube)	D1	D2	D3	L1	L2	L3	CH	Weight (g)
020371	R 43 04 18	4	G1/8"	9,1	14,5	5	18,2	39	13	20,2
020372	R 43 04 14	4	G1/4"	9,1	16	6,5	21,7	39	13	23,9
020375	R 43 06 18	6	G1/8"	12	14,5	5	18	44	13	25,2
020376	R 43 06 14	6	G1/4"	12	16	6,5	21,5	44	13	29,1
020377	R 43 08 18	8	G1/8"	14	14,5	5	18	45	13	30,7
020378	R 43 08 14	8	G1/4"	14	16	6,5	21,5	45	13	34,1
020379	R 43 08 38	8	G3/8"	14	20	7	25,5	46	16	46,4
020380	R 43 10 14	10	G1/4"	16	18	6,5	22	52	16	44,4
020381	R 43 10 38	10	G3/8"	16	20	7	25,5	52	16	49,7
020382	R 43 12 38	12	G3/8"	19	22,5	7	26	57	20	75,3
020383	R 43 12 12	12	G1/2"	19	25	8,5	30,5	57	20	82

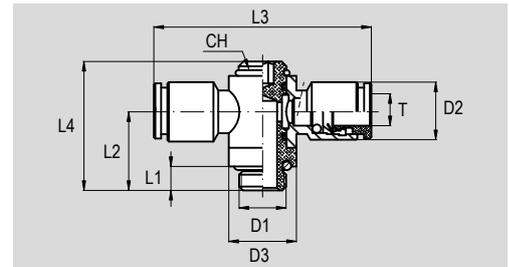
Push-in fittings

Series R



Main features

Type	Description
R21	BSP swivel tee with hexagonal wrench. In nickel-plated brass.

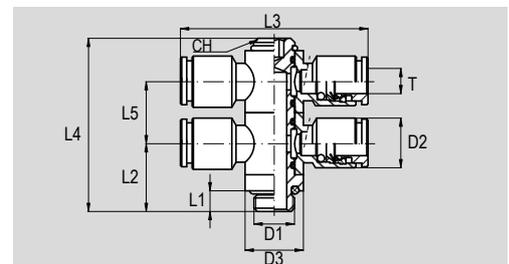


Dimensions

Code	Item	T (ØTube)	D1	D2	D3	L1	L2	L3	L4	CH	Weight (g)
020401	R 21 04 M5	4	M5x0,8	9	10	4	11	38	19	3	13,8
020402	R 21 04 18	4	G1/8"	9	14	5	15	41	25,5	4	27,4
020416	R 21 06 M5	6	M5x0,8	12	10	4	11	43	19	3	19,9
020406	R 21 06 18	6	G1/8"	12	14	5	15	45	25,5	4	32,1
020407	R 21 06 14	6	G1/4"	12	18	6,5	17,5	48	29	5	45,8
020408	R 21 08 18	8	G1/8"	14	14	5	15	47	25,5	4	34,1
020409	R 21 08 14	8	G1/4"	14	18	6,5	17,5	49	29	5	46,5
020410	R 21 10 14	10	G1/4"	16	18	6,5	17,5	54	29	5	55,2
020411	R 21 10 38	10	G3/8"	16	22	7	20	58	33	6	72,4
020412	R 21 12 38	12	G3/8"	19	22	7	20	59	33	6	79
020413	R 21 12 12	12	G1/2"	19	27	8,5	24	63	39,5	8	124,7

Main features

Type	Description
R57	Double BSP swivel tee with hexagonal wrench. In nickel-plated brass.



Dimensions

Code	Item	T (ØTube)	D1	D2	D3	L1	L2	L3	L4	L5	CH	Weight (g)
020451	R 57 04 M5	4	M5x0,8	9	10	4	11	38	29,2	10	3	25
020452	R 57 04 18	4	1/8"	9	14	5	15	41	40,5	15	4	50
020454	R 57 06 18	6	1/8"	12	14	5	15	45	40,5	15	4	59
020455	R 57 06 14	6	1/4"	12	18	6,5	17,5	48	46,1	17	5	82
020456	R 57 08 18	8	1/8"	14	14	5	15	47	40,5	15	4	61
020457	R 57 08 14	8	1/4"	14	18	6,5	17,5	49	46,1	17	5	83,5

4 - ACCESSORIES

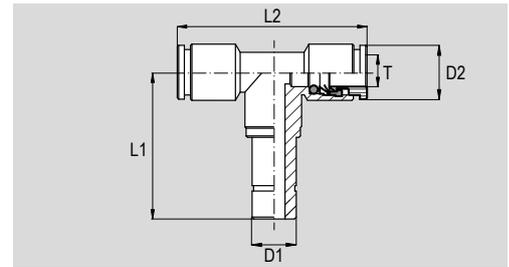
Push-in fittings

Series R



Main features

Type	Description
R62	Stem tee. In nickel-plated brass.

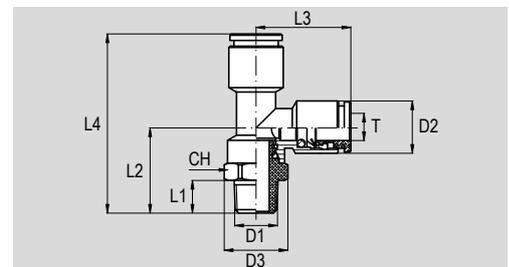


Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	Weight (g)
020146	R 62 04 04	4	4	9,1	25,7	39	18,5
020147	R 62 04 06	4	6	9,1	29,7	39	19,5
020148	R 62 06 06	6	6	12	29,5	44	24,5
020149	R 62 06 08	6	8	12	29,5	44	24,5
020150	R 62 08 08	8	8	14	29,5	45	29
020151	R 62 08 10	8	10	14	33,5	46	38,5
020152	R 62 10 10	10	10	16	33,5	52	41

Main features

Type	Description
R22	BSPT swivel side tee. In nickel-plated brass.



Dimensions

Code	Item	T (ØTube)	D1	D2	D3	L1	L2	L3	L4	CH	Weight (g)
020431	R 22 04 18	4	R1/8"	9	14,5	7,5	20,2	19,5	39,7	13	22
020430	R 22 04 14	4	R1/4"	9	15,5	11	24,2	19,5	43,7	14	25,5
020434	R 22 06 18	6	R1/8"	12	14,5	7,5	20,2	22	42,2	13	27,5
020435	R 22 06 14	6	R1/4"	12	15,5	11	24,2	22	46,2	14	31
020436	R 22 08 18	8	R1/8"	14	14,5	7,5	20	22,5	42,5	13	31
020437	R 22 08 14	8	R1/4"	14	15,5	11	24	22,5	46,5	14	35
020438	R 22 10 14	10	R1/4"	16	20	11	26,5	26	52,5	18	50
020439	R 22 10 38	10	R3/8"	16	20	11,5	27	26	53	18	51
020440	R 22 12 38	12	R3/8"	19	22,5	11,5	30,5	28,5	59	20	75
020441	R 22 12 12	12	R1/2"	19	24,5	14	33,5	28,5	62	22	83,5

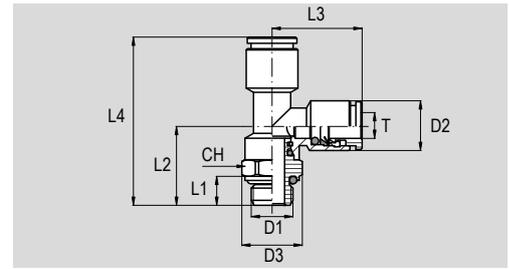
Push-in fittings

Series R



Main features

Type	Description
R44	BSP swivel side tee. In nickel-plated brass.

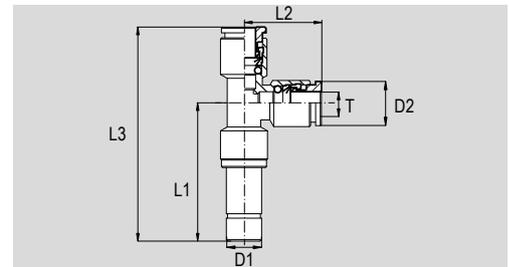


Dimensions

Code	Item	T (ØTube)	D1	D2	D3	L1	L2	L3	L4	CH	Weight (g)
020461	R 44 04 18	4	G1/8"	9,1	14,5	5	18,2	19,5	37,7	13	20,5
020462	R 44 04 14	4	G1/4"	9,1	16	6,5	21,7	19,5	41,2	13	24
020465	R 44 06 18	6	G1/8"	12	14,5	5	18,2	22	40,2	13	26
020466	R 44 06 14	6	G1/4"	12	16	6,5	21,7	22	43,7	13	29,5
020467	R 44 08 18	8	G1/8"	14	14,5	5	18	22,5	40,5	13	30
020468	R 44 08 14	8	G1/4"	14	16	6,5	21,5	22,5	44	13	33,5
020470	R 44 10 14	10	G1/4"	16	18	6,5	22	26	48	16	44
020471	R 44 10 38	10	G3/8"	16	20	7	25,5	26	51,5	16	49
020472	R 44 12 38	12	G3/8"	19	22,5	7	26	28,5	54,5	20	73
020473	R 44 12 12	12	G1/2"	19	25	8,5	30,5	28,5	59	20	77

Main features

Type	Description
R63	Stem side tee. In nickel-plated brass.



Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	L3	Weight (g)
020153	R 63 04 04	4	4	9,1	25,7	19,5	45,2	18,5
020154	R 63 04 06	4	6	9,1	29,7	19,5	49,2	20
020155	R 63 06 06	6	6	12	29,7	22	51,7	25
020156	R 63 06 08	6	8	12	29,7	22	51,7	25,5
020157	R 63 08 08	8	8	14	29,5	22,5	52	30
020158	R 63 10 10	10	10	16	33,5	26	59,5	41

4 - ACCESSORIES

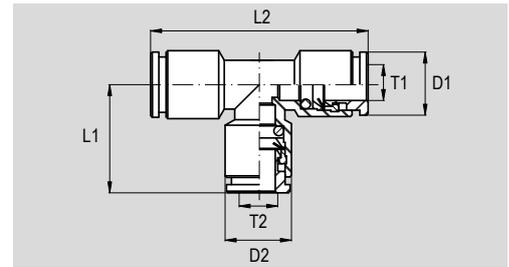
Push-in fittings

Series R



Main features

Type	Description
R23	Equal tee. In nickel-plated brass.

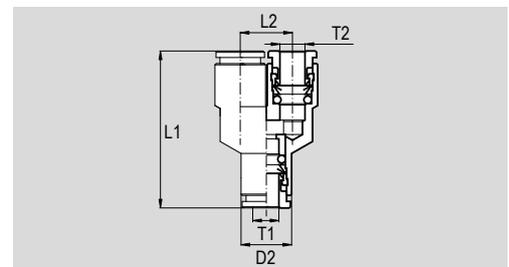


Dimensions

Code	Item	T1 (ØTube)	T2 (ØTube)	D1	D2	L1	L2	Weight (g)
020490	R 23 03 03	3	3	7	7	13	26	5,6
020491	R 23 04 04	4	4	9	9	17,5	35	12,5
020493	R 23 06 06	6	6	12	12	20	40	22,5
020593	R 23 06 04	6	4	12	9	18	40	-
020494	R 23 08 08	8	8	14	14	21	42	28
020594	R 23 08 06	8	6	14	12	20,5	42	-
020495	R 23 10 10	10	10	16	16	24,5	49	39,2
020595	R 23 10 08	10	8	16	14	23	49	-
020496	R 23 12 12	12	12	19	19	26	52	61,3
020596	R 23 12 10	12	10	19	16	26	52	-
020497	R 23 14 14	14	14	22	22	30,5	61	77,1
020498	R 23 16 16	16	16	24	24	34,5	69	124

Main features

Type	Description
R51	Y piece. In nickel-plated brass.



Dimensions

Code	Item	T1 (ØTube)	T2 (ØTube)	D2	L1	L2	Weight (g)
020610	R 51 03 03	3	3	6,8	25	7,5	8,2
020888	R 51 04 04	4	4	9	29,5	9,5	14,3
020889	R 51 06 06	6	6	12	36,5	12,5	32,7
020891	R 51 06 04	6	4	12	34,1	11	36,1
020890	R 51 08 08	8	8	14	37,5	14,5	44,1
020892	R 51 08 06	8	6	14	37,5	14,5	51,1
020894	R 51 10 10	10	10	16	44,5	16,5	62,7
020893	R 51 10 08	10	8	18	44	16,5	74,9
020895	R 51 12 12	12	12	19	49	19,5	95,8

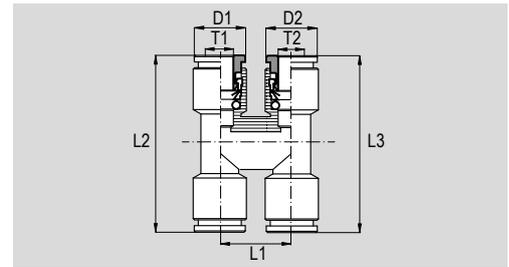
Push-in fittings

Series R



Main features

Type	Description
R64	Equal H swivel union. In nickel-plated brass.

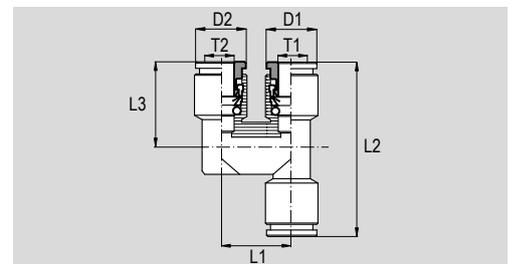


Dimensions

Code	Item	T1 (ØTube)	T2 (ØTube)	D1	D2	L1	L2	L3	Weight (g)
020228	R 64 04 04	4	4	9,1	9,1	18,4	39	39	31
020229	R 64 04 06	4	6	9,1	12	18,4	39	44	36
020230	R 64 06 06	6	6	12	12	18	44	44	41
020231	R 64 06 08	6	8	12	14	18	44	45	46,5
020232	R 64 08 08	8	8	14	14	18	45	45	50

Main features

Type	Description
R65	Y swivel piece. In nickel-plated brass.



Dimensions

Code	Item	T1 (ØTube)	T2 (ØTube)	D1	D2	L1	L2	L3	Weight (g)
020263	R 65 04 04	4	4	9,1	9,1	18,4	39	19,5	27
020264	R 65 04 06	4	6	9,1	12	18,4	39	22	29,5
020265	R 65 06 06	6	6	12	12	18,2	44	22	34,5
020266	R 65 06 08	6	8	12	14	18	44	22,5	37,5
020267	R 65 08 08	8	8	14	14	18	45	22,5	42

4 - ACCESSORIES

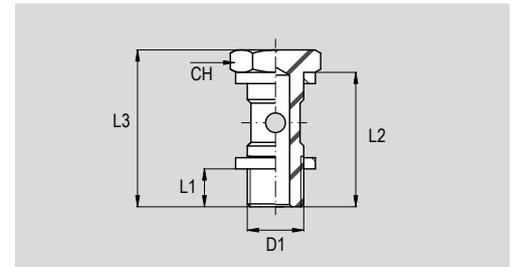
Push-in fittings

Series R



Main features

Type	Description
R31 	Single hollow bolt. In nickel-plated brass. Compatible with banjo types R35, R36, RT28, C23, C24, O25 and A042.

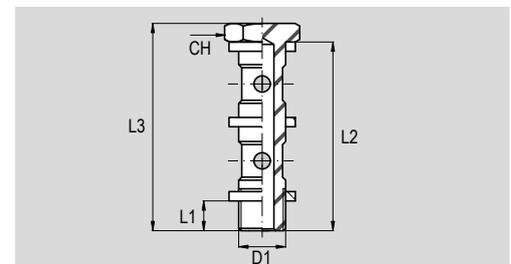


Dimensions

Code	Item	D1	L1	L2	L3	CH	Weight (g)
020671	R 31 00 M5	M5x0,8	1	14,3	18,5	8	2,5
020672 	R 31 00 18	G1/8"	4,4	21,2	27	14	13,4
020673 	R 31 00 14	G1/4"	5,9	24,7	31,5	17	27,8
020674	R 31 00 38	G3/8"	6,4	28,2	36	20	43
020675	R 31 00 12	G1/2"	7,5	33,5	41,5	26	80,5

Main features

Type	Description
R32 	Double hollow bolt. In nickel-plated brass. Compatible with banjo types R35, R36, RT28, C23, C24, O25 and A042.



Dimensions

Code	Item	D1	L1	L2	L3	CH	Weight (g)
020691 	R 32 00 18	G1/8"	4,1	37,7	43,5	14	18,5
020692 	R 32 00 14	G1/4"	5,6	43,2	50	17	38,5
020693	R 32 00 38	G3/8"	6,1	49,7	57,5	20	63,5
020694	R 32 00 12	G1/2"	7	59	67	26	117

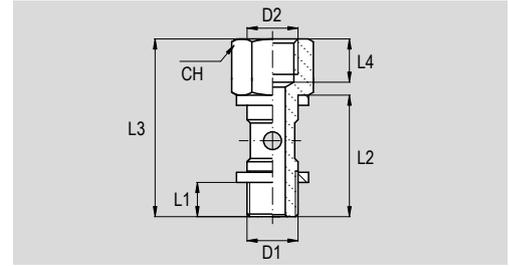
Push-in fittings

Series R



Main features

Type	Description
R59	Single M/F banjo bolt. In nickel-plated brass. Compatible with banjo types R35, R36, RT28, C23, C24, O25 and A042

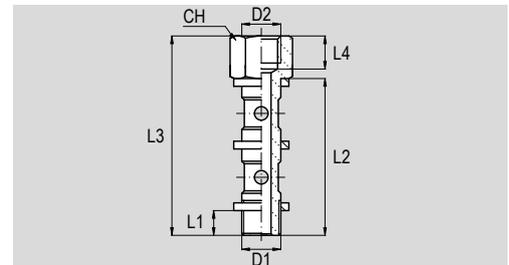


Dimensions

Code	Item	D1	D2	L1	L2	L3	L4	CH	Weight (g)
020701	R 59 00 18	G1/8"	G1/8"	4,4	21,2	35	6,2	14	19,5
020702	R 59 00 14	G1/4"	G1/4"	5,9	24,7	40,5	10	17	32,5
020703	R 59 00 38	G3/8"	G3/8"	6,4	28,2	45	10	20	47

Main features

Type	Description
R60	Double M/F banjo bolt. In nickel-plated brass. Compatible with banjo types R35, R36, RT28, C23, C24, O25 and A042



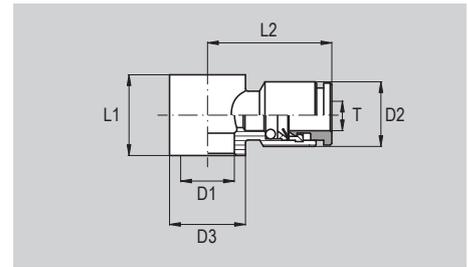
Dimensions

Code	Item	D1	D2	L1	L2	L3	L4	CH	Weight (g)
020705	R 60 00 18	G1/8"	G1/8"	4,1	37,7	51,5	6,2	14	26
020706	R 60 00 14	G1/4"	G1/4"	5,6	43,2	59	10	17	44
020707	R 60 00 38	G3/8"	G3/8"	6,1	49,7	66,5	10	20	66

4 - ACCESSORIES

Main features

Type	Description
R35	Single banjo. In nickel-plated brass. Compatible with bolt types R31, R32, R59 and R60. Compatible with flow regulators types V14 and V15 (for size M5 with coding M5R only). Compatible with accessories with integrated function types V45, V46 and V47.

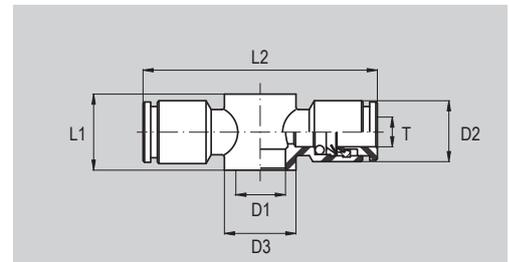


Dimensions

Code	Item	T (ØTube)	D1	D2	D3	L1	L2	Weight (g)
020732	R 35 04 M5	4	M5	9,1	10	9	18,5	7,7
020731	R 35 04 M5R	4	7	9,1	10	10	18,5	6,6
020733	R 35 04 18	4	1/8"	9,1	14	15	20,5	13,5
020745	R 35 06 M5R	6	7	12	10	10	21,5	10,1
020736	R 35 06 18	6	1/8"	12	14	15	22,5	15,5
020737	R 35 06 14	6	1/4"	12	18	17	24	21,6
020738	R 35 08 18	8	1/8"	14	14	15	23,5	16,7
020739	R 35 08 14	8	1/4"	14	18	17	24,5	22,8
020740	R 35 08 38	8	3/8"	14	22	20	26,5	32,7
020741	R 35 10 14	10	1/4"	16	18	17	27	27,2
020742	R 35 10 38	10	3/8"	16	22	20	29	34,5
020743	R 35 12 38	12	3/8"	19	22	20	29,5	38,8
020744	R 35 12 12	12	1/2"	19	26	24	31,5	56,9

Main features

Type	Description
R36	Double banjo. In nickel-plated brass. Compatible with bolt types R31, R32, R59 and R60. Compatible with flow regulators types V14 and V15. Compatible with accessories with integrated function types V45, V46 and V47.



Dimensions

Code	Item	T (ØTube)	D1	D2	D3	L1	L2	Weight (g)
020761	R 36 04 M5	4	M5	9	10	9	37	10,9
020762	R 36 04 18	4	1/8"	9	14	15	41	18
020765	R 36 06 18	6	1/8"	12	14	15	45	23
020766	R 36 06 14	6	1/4"	12	18	17	48	28,7
020767	R 36 08 18	8	1/8"	14	14	15	47	25,3
020768	R 36 08 14	8	1/4"	14	18	17	49	29,7
020773	R 36 08 38	8	3/8"	14	22	20	53	42,5
020769	R 36 10 14	10	1/4"	16	18	17	54	37,9
020770	R 36 10 38	10	3/8"	16	22	20	58	44,5
020771	R 36 12 38	12	3/8"	19	22	20	59	51,3
020772	R 36 12 12	12	1/2"	19	27	24	63	67,2



Code key

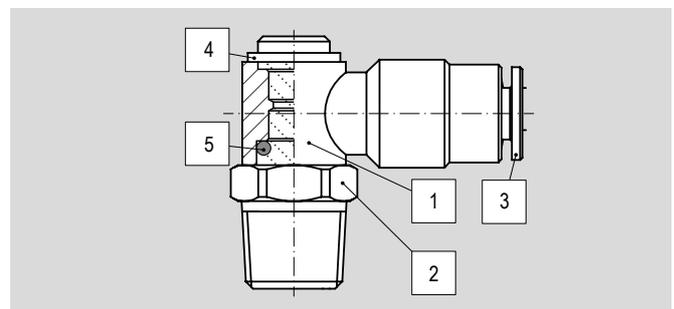
Series	Type*	Ø Tube*	Thread*
RHP	11	06	18
RHP	11, 14, 15	04 = Ø 4 mm 06 = Ø 6 mm	M6x1 = M6x1 M8x1 = M8x1 M10x1 = M10x1 18 = R1/8" 14 = R1/4"

Notes	How to order
<p>For standard materials see the table below</p> <p>* For matching between fitting type, tube diameter and thread, see page 4.5.2; for the specific type, see the following pages.</p>	<p>Series Type Ø Tube Thread</p> <p>RHP 11 06 18</p>

Technical data

Version	Series RHP	
Fluid	Compressed air	
Maximum pressure	250 bar	
Vacuum	-	
Temperature range	-20°C ÷ +80°C	
Parallel threads	-	
Taper threads	UNI EN 10226-1 (BSPT)	
Metric threads	UNI EN ISO 965-1	
Tubes	Ø 4 mm	Nylon (PA6) 6-6 (4x1,5)
	Ø 6 mm	Nylon (PA6) 6-6 (6x3)
Tubes tolerance	±0,07 mm	

Standard materials



Position	Description	Material
1	Body	Nickel-plated brass
2	Metal thread	Nickel-plated brass
3	Collet	Brass
4	Seeger*	Zinc-plated steel C75
5	Seals	NBR

*Only for type RHP15

Fittings series RHP

Type			Taper threads (BSPT)	Parallel threads (BSP)	Metric threads	For tube Ø mm	Data sheet and code page
RHP11	BSPT stud		1/8", 1/4"	-	M6x1, M8x1, M10x1	4, 6	4.5.3
RHP14	BSPT elbow		1/8"	-	M6x1, M8x1, M10x1	4, 6	4.5.3
RHP15	BSPT swivel elbow		1/8", 1/4"	-	M6x1, M8x1, M10x1	4, 6	4.5.4

Thread/Tube matching

Tube Ø (external)	Thread				
	M6x1	M8x1	M10x1	R1/8"	R1/4"
Ø 4 mm	●	●	●	●	-
Ø 6 mm	●	●	●	●	●

Key

● available matching; - not available matching

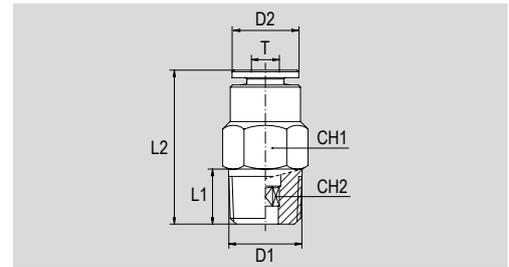
Push-in fittings

Series RHP



Main features

Type	Description
RHP11	BSPT stud. For high pressure, in nickel-plated brass.

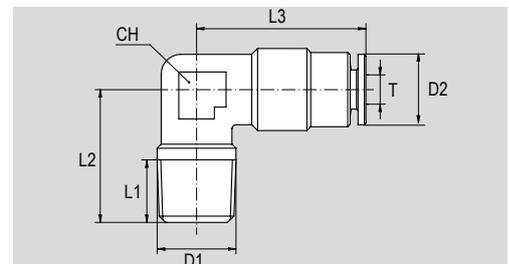


Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	CH1	CH2	Weight (g)
020021	RHP 11 04 18	4	R1/8"	9,5	7,5	21	10	3	8,5
020019	RHP 11 04 M6x1	4	M6x1	9,5	8	25	10	2,5	8,4
020024	RHP 11 04 M8x1	4	M8x1	9,5	8	22,5	10	3	7,9
020025	RHP 11 04 M10x1	4	M10x1	9,5	8	21	11	3	9,5
020026	RHP 11 06 18	6	R1/8"	11,5	7,5	24	12	4	11,5
020119	RHP 11 06 14	6	R1/4"	11,5	11	26	14	4	19
020028	RHP 11 06 M6x1	6	M6x1	11,5	8	28	12	2,5	12,8
020018	RHP 11 06 M8x1	6	M8x1	11,5	8	28	12	4	13,3
020080	RHP 11 06 M10x1	6	M10x1	11,5	8	24,5	12	4	11,8

Main features

Type	Description
RHP14	BSPT elbow. For high pressure, in nickel-plated brass..



Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	CH1	CH2	Weight (g)
020020	RHP 14 04 18	4	R1/8"	9,5	8	17	21,5	10	16
020022	RHP 14 04 M6x1	4	M6x1	9,5	7	17	21,5	10	13,9
020055	RHP 14 04 M8x1	4	M8x1	9,5	7	17	21,5	10	14,2
020056	RHP 14 04 M10x1	4	M10x1	9,5	7	18	21,5	10	16,9
020057	RHP 14 06 18	6	R1/8"	11,5	7,5	20	24	11	21
020058	RHP 14 06 M6x1	6	M6x1	11,5	7	20	24	11	19,8
020059	RHP 14 06 M8x1	6	M8x1	11,5	7	20	24	11	19,8
020060	RHP 14 06 M10x1	6	M10x1	11,5	7	21	24	11	22,7

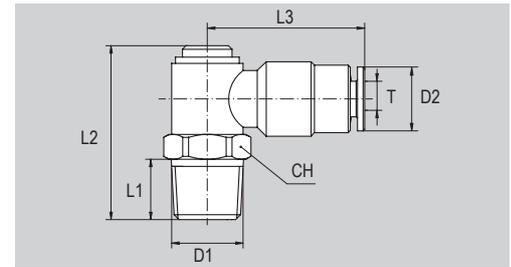
Push-in fittings

Series RHP



Main features

Type	Description
RHP15	BSPT swivel elbow. For high pressure, in nickel-plated brass..



Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	CH1	CH2	Weight (g)
020070	RHP 15 04 18	4	R1/8"	9,5	8,5	24,5	22	11	18,5
020072	RHP 15 04 M6x1	4	M6x1	9,5	8	24	22	11	16,9
020089	RHP 15 04 M8x1	4	M8x1	9,5	8	24	22	11	17,4
020074	RHP 15 04 M10x1	4	M10x1	9,5	8	25	22	11	18,9
020075	RHP 15 06 18	6	R1/8"	11,5	8,5	24,5	24	11	20,2
020120	RHP 15 06 14	6	R1/4"	11,5	11	28	24	14	25,5
020077	RHP 15 06 M6x1	6	M6x1	11,5	8	24	24	11	18,6
020078	RHP 15 06 M8x1	6	M8x1	11,5	8	24	24	11	19,5
020079	RHP 15 06 M10x1	6	M10x1	11,5	8	25	24	11	21

4 - ACCESSORIES

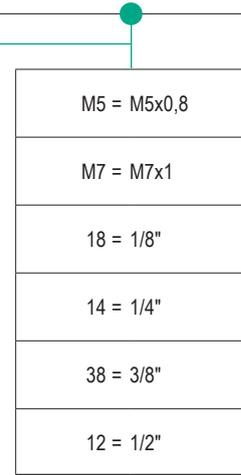
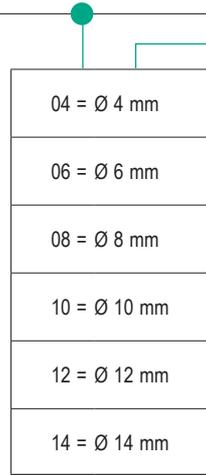
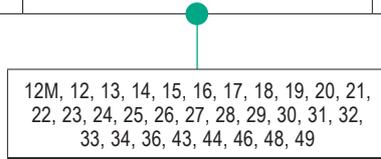
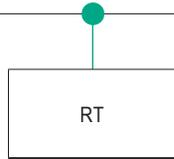
Push-in fittings

Series RT

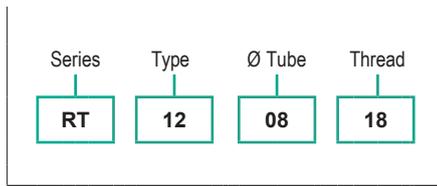


Code key

Series	Type*	Ø Tube*	Thread (or Ø Tube 2)*
RT	12	08	18



How to order



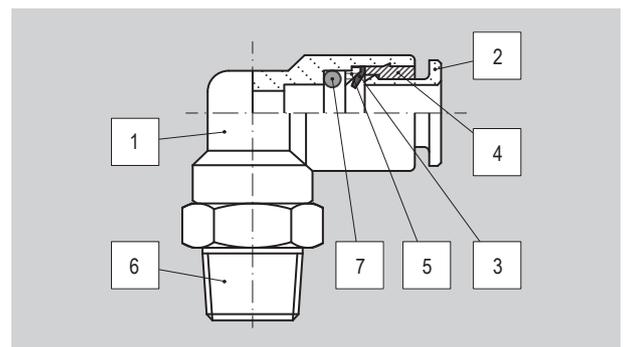
Notes

For standard materials see the table below.
 * For matching between fitting type, tube diameter and thread, see from page 4.7.2; for the specific type, see the following pages.

Technical data

Version	Series RT	
Fluid	Compressed air	
Maximum pressure	18 bar	
Vacuum	-99 KPa	
Temperature range	-20°C ÷ +70°C	
Parallel threads	UNI - ISO 228 / 1 (BSP)	
Taper threads	UNI EN 10226-1 (BSPT)	
Metric threads	UNI EN ISO 965-1	
Tubes	Calibrated Nylon (PA6), PU and Rilsan (PA11)	
Tubes tolerance	Ø 4 mm ÷ Ø 10 mm	±0,07 mm
	Ø 12 mm ÷ Ø 14 mm	±0,1 mm

Standard materials



Position	Description	Material
1	Body	Acetalic resin (POM)*
2	Release collar	Acetalic resin (POM)
3	Collet	Stainless Steel AISI 301
4	Sealing ring	Acetalic resin (POM)
5	Protection ring	Acetalic resin (POM)
6	Metal thread	Nickel-plated brass**
7	Seals	NBR

*In nickel-plated brass for type RT12M

**In acetalic resin (POM) for types RT12 and RT13

Fittings series RT

Type			Taper threads (BSPT)	Parallel threads (BSP)	Metric threads	For tube Ø mm	Stem Ø mm	Data sheet and code page
RT12	BSP stud		-	1/8", 1/4", 3/8"	M7x1	4, 6, 8, 10	-	4.7.4
RT13	BSP stem adapter		-	1/8", 1/4", 3/8"	-	-	4, 6, 8, 10	4.7.5
RT26	Reducer		-	-	-	4, 6, 8, 10, 12	6, 8, 10, 12, 14	4.7.5
RT27	Stem increaser		-	-	-	6, 8	4, 6	4.7.6
RT32	Stem		-	-	-	-	4, 6, 8, 10, 12, 14	4.7.6
RT33	Plug		-	-	-	-	4, 6, 8, 10, 12, 14	4.7.7
RT25	Union		-	-	-	4, 6, 8, 10, 12, 14	-	4.7.7
RT14	Equal elbow		-	-	-	4, 6, 8, 10, 12, 14	-	4.7.8
RT16	BSPT swivel elbow		1/8", 1/4", 3/8", 1/2"	-	-	4, 6, 8, 10, 12, 14	-	4.7.8
RT17	Extended BSPT swivel elbow		1/8", 1/4", 3/8"	-	-	4, 6, 8, 10	-	4.7.9
RT18	BSP swivel elbow		-	1/8", 1/4", 3/8", 1/2"	M5x0,8	4, 6, 8, 10, 12, 14	-	4.7.9
RT19	Extended BSP swivel elbow		-	1/8", 1/4", 3/8"	M5x0,8	4, 6, 8, 10	-	4.7.10
RT20	BSP swivel elbow with hexagonal wrench		-	1/8", 1/4", 3/8"	M5x0,8	4, 6, 8, 10	-	4.7.10
RT48	Bulkhead elbow		-	-	-	4, 6, 8, 10, 12	-	4.7.11
RT49	Stem elbow		-	-	-	4, 6, 8, 10, 12, 14	-	4.7.11
RT15	Equal tee		-	-	-	4, 6, 8, 10, 12, 14	-	4.7.12
RT21	BSPT swivel tee		1/8", 1/4", 3/8", 1/2"	-	-	4, 6, 8, 10, 12	-	4.7.12
RT22	BSP swivel tee		-	1/8", 1/4", 3/8", 1/2"	M5x0,8	4, 6, 8, 10, 12	-	4.7.13
RT23	BSPT swivel side tee		1/8", 1/4", 3/8"	-	-	4, 6, 8, 10	-	4.7.13
RT24	BSP swivel side tee		-	1/8", 1/4", 3/8"	M5x0,8	4, 6, 8, 10	-	4.7.14
RT29	Y piece		-	-	-	4, 6, 8, 10, 12	-	4.7.14

4 - ACCESSORIES

Fittings series RT

Type			Taper threads (BSPT)	Parallel threads (BSP)	Metric threads	For tube Ø mm	Stem Ø mm	Data sheet and code page
RT30	Stem Y		-	-	-	4, 6, 8	4, 6, 8	4.7.15
RT31	BSP swivel Y		-	1/8", 1/4", 3/8"	M5x0,8	4, 6, 8	-	4.7.15
RT46	Equal H swivel union		-	-	-	4, 6, 8, 10	-	4.7.16
RT36	Manifold		-	-	-	4, 6, 8	-	4.7.16
RT43	Double Y union		-	-	-	4, 6, 8	-	4.7.17
RT44	Double Y BSP union		-	1/8", 1/4"	-	4	-	4.7.17
RT28	Single banjo		-	-	-	4, 6, 8, 10	-	4.7.18
RT34	Stem cartridge		-	-	-	4, 6, 8, 10	-	4.7.19

Thread/Tube matching

External Tube Ø	Thread								
	M5x0,8	G1/8	G1/4	G3/8	G1/2	R1/8	R1/4	R3/8	R1/2
Ø 4 mm	●	●	●	-	-	●	●	-	-
Ø 6 mm	●	●	●	-	-	●	●	-	-
Ø 8 mm	-	●	●	●	-	●	●	●	-
Ø 10 mm	-	-	●	●	-	-	●	●	-
Ø 12 mm	-	-	-	●	●	-	-	●	●
Ø 14 mm	-	-	-	●	●	-	-	●	●

Key
● available matching; - not available matching

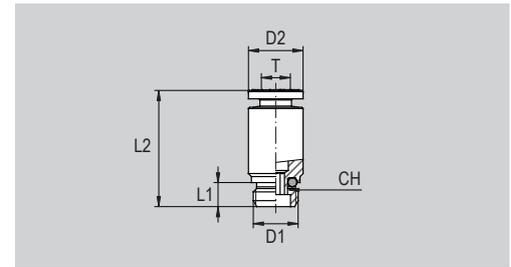
Push-in fittings

Series RT



Main features

Type	Description
RT12	BSP stud. Body in nickel-plated brass, ring in acetalic resin (POM).

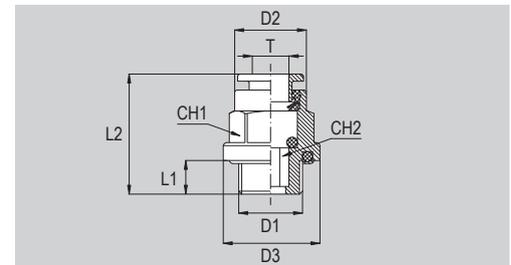


Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	CH	Weight (g)
029109	RT 12 04 M7	4	M7x1	7,8	5,5	20	3	-
029110	RT 12 06 M7	6	M7x1	10	4,5	19,5	4	-

Main features

Type	Description
RT12	BSP stud. Fully made of acetalic resin (POM).



Dimensions

Code	Item	T (ØTube)	D1	D2	D3	L1	L2	CH1	CH2	Weight (g)
029101	RT 12 04 18	4	G1/8"	9,5	15	6	21	10	3	2,3
029102	RT 12 06 18	6	G1/8"	11,5	15	6	24	12	4	2,7
029103	RT 12 06 14	6	G1/4"	11,5	18	7	24	12	4	4,1
029104	RT 12 08 18	8	G1/8"	14	15	6	25,5	14	6	2,9
029105	RT 12 08 14	8	G1/4"	14	18	7	24	14	6	3,8
029106	RT 12 08 38	8	G3/8"	14	22	7	24	14	6	5,9
029107	RT 12 10 14	10	G1/4"	16	18	7	27	16	8	4
029108	RT 12 10 38	10	G3/8"	16	22	7	25	16	8	6,2

4 - ACCESSORIES

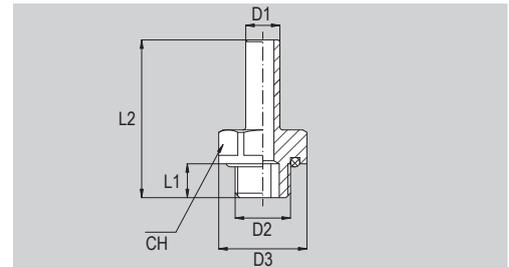
Push-in fittings

Series RT



Main features

Type	Description
RT13	BSP stem adapter. Fully made of acetalic resin (POM).

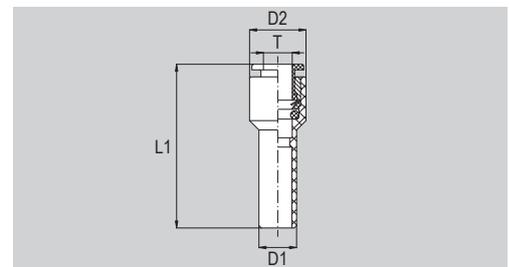


Dimensions

Code	Item	D1	D2	D3	L1	L2	CH	Weight (g)
029121	RT 13 04 18	4	G1/8"	15,5	6	27	14	1,9
029122	RT 13 06 18	6	G1/8"	15,5	6	30	14	2
029123	RT 13 06 14	6	G1/4"	18,5	8	33,5	17	3,2
029124	RT 13 08 18	8	G1/8"	15,5	6	32	14	2,1
029125	RT 13 08 14	8	G1/4"	18,5	8	35,5	17	3,5
029126	RT 13 08 38	8	G3/8"	23,5	9	37	21	5,4
029127	RT 13 10 14	10	G1/4"	18,5	8	37,5	17	3,5
029128	RT 13 10 38	10	G3/8"	23,5	9	39	21	5,5

Main features

Type	Description
RT26	Reducer. Fully made of acetalic resin (POM).



Dimensions

Code	Item	T (ØTube)	D1	D2	L1	Weight (g)
029351	RT 26 04 06	4	6	10	31,5	1,7
029352	RT 26 04 08	4	8	10	32,5	2
029353	RT 26 04 10	4	10	10	34,5	3
029354	RT 26 06 08	6	8	12	37	2,6
029355	RT 26 06 10	6	10	12	37	3,1
029356	RT 26 06 12	6	12	12	39	3,9
029357	RT 26 08 10	8	10	14	39,5	3,7
029358	RT 26 08 12	8	12	14	41,5	4,4
029359	RT 26 10 12	10	12	16	45	5,3
029361	RT 26 10 14	10	14	16	45	6,2
029362	RT 26 12 14	12	14	16	47	7,1

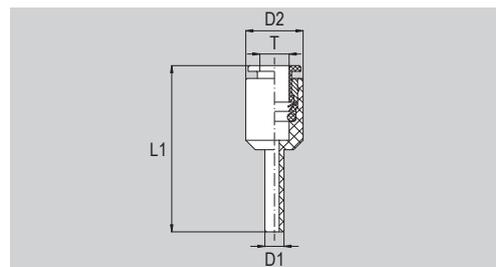
Push-in fittings

Series RT



Main features

Type	Description
RT27	Stem increaser. Fully made of acetalic resin (POM).

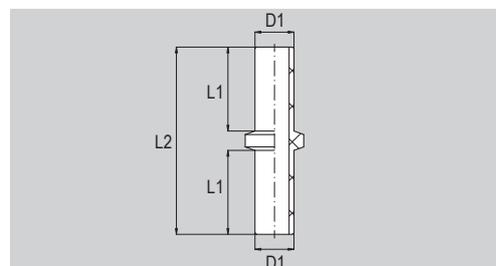


Dimensions

Code	Item	T (ØTube)	D1	D2	L1	Weight (g)
029371	RT 27 06 04	6	4	12	34	2,1
029372	RT 27 08 06	8	6	14	36,5	2,9

Main features

Type	Description
RT32	Stem. Fully made of acetalic resin (POM).



Dimensions

Code	Item	D1	L1	L2	Weight (g)
029431	RT 32 04 04	4	15	33	0,6
029432	RT 32 06 06	6	18	40	1,3
029433	RT 32 08 08	8	20	44	1,8
029434	RT 32 10 10	10	22	48	3,1
029435	RT 32 12 12	12	25	54	4,2
029436	RT 32 14 14	14	25	54	4,8

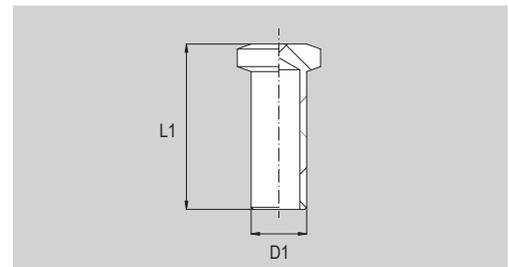
Push-in fittings

Series RT



Main features

Type	Description
RT33	Plug. Fully made of acetalic resin (POM).

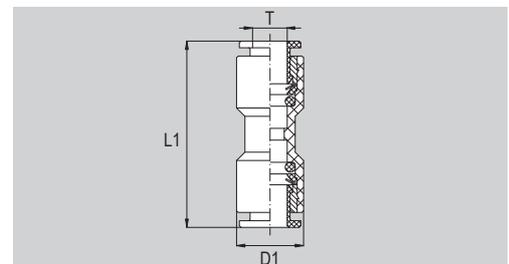


Dimensions

Code	Item	D1	L1	Weight (g)
029441	RT 33 04 04	4	18	0,3
029442	RT 33 06 06	6	22	0,9
029443	RT 33 08 08	8	24	1,3
029444	RT 33 10 10	10	26	2
029445	RT 33 12 12	12	40	3,3
029446	RT 33 14 14	14	40	4,2

Main features

Type	Description
RT25	Union. Fully made of acetalic resin (POM).



Dimensions

Code	Item	T (ØTube)	D1	L1	Weight (g)
029341	RT 25 04 04	4	10	26,5	2,2
029342	RT 25 06 06	6	12	34	3,4
029345	RT 25 06 04	6-4	12	31	2,8
029343	RT 25 08 08	8	14	35,5	4,3
029346	RT 25 08 06	8-6	14	35	4,4
029344	RT 25 10 10	10	16	37,5	5,5
029347	RT 25 10 08	10-8	16	36,5	7
029348	RT 25 12 12	12	19	42	7,6
029349	RT 25 12 08	12-8	19	41,5	9,5
029350	RT 25 12 10	12-10	19	41,5	8,6
029360	RT 25 14 14	14	22,5	48	13

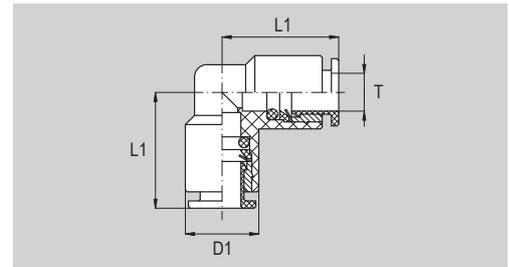
Push-in fittings

Series RT



Main features

Type	Description
RT14	Equal elbow. Fully made of acetalic resin (POM).

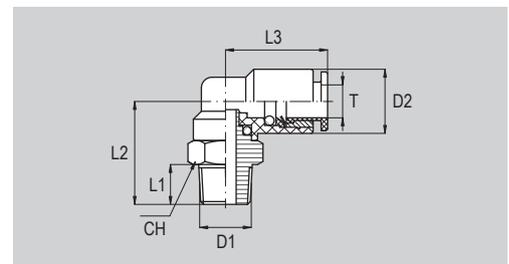


Dimensions

Code	Item	T (ØTube)	D1	L1	Weight (g)
029141	RT 14 04 04	4	10	15,5	2,2
029142	RT 14 06 06	6	12	19,7	3,8
029143	RT 14 08 08	8	14	21,5	4,9
029144	RT 14 10 10	10	16	23,5	6,3
029145	RT 14 12 12	12	19	27	9,6
029146	RT 14 14 14	14	22,5	30,5	15,5

Main features

Type	Description
RT16	BSPT swivel elbow. Body in acetalic resin (POM), nickel-plated brass screw with taper thread.



Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	L3	CH	Weight (g)
029161	RT 16 04 18	4	R1/8"	10	7,5	17	15,5	10	6,4
029162	RT 16 04 14	4	R1/4"	10	11	20,5	15,5	14	11,5
029163	RT 16 06 18	6	R1/8"	12	7,5	18,8	20	12	8,4
029164	RT 16 06 14	6	R1/4"	12	11	23,3	20	14	13,6
029165	RT 16 08 18	8	R1/8"	14	7,5	19,5	21,5	12	9
029166	RT 16 08 14	8	R1/4"	14	11	24	21,5	14	14,1
029167	RT 16 08 38	8	R3/8"	14	11,5	24,5	21,5	17	19
029168	RT 16 10 14	10	R1/4"	16	11	25,5	24	16	17,3
029169	RT 16 10 38	10	R3/8"	16	11,5	26,5	24	17	21,7
029170	RT 16 12 38	12	R3/8"	19	11,5	28,5	28,5	20	32,8
029171	RT 16 12 12	12	R1/2"	19	14	31,5	28,5	22	41,4
029172	RT 16 14 38	14	R3/8"	22,5	11,5	29,5	32,3	20	34,6
029173	RT 16 14 12	14	R1/2"	22,5	14	32,5	32,3	22	43,2

4 - ACCESSORIES

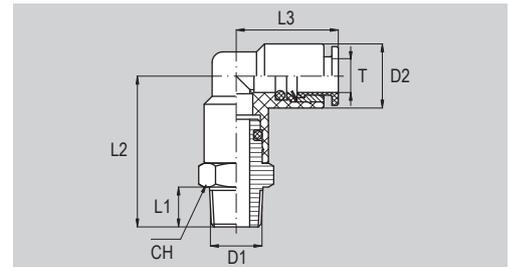
Push-in fittings

Series RT



Main features

Type	Description
RT17	Extended BSPT swivel elbow. Body in acetal resin (POM), nickel-plated brass screw with taper thread.

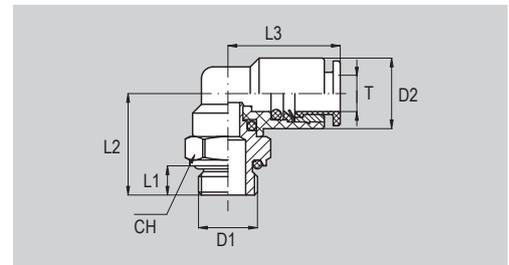


Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	L3	CH	Weight (g)
029181	RT 17 04 18	4	R1/8"	10	7,5	26	15,5	10	10
029182	RT 17 04 14	4	R1/4"	10	11	30	15,5	14	16,1
029183	RT 17 06 18	6	R1/8"	12	7,5	33,3	20	12	17,6
029184	RT 17 06 14	6	R1/4"	12	11	37,8	20	14	20,5
029185	RT 17 08 18	8	R1/8"	14	7,5	34	21,5	12	18
029186	RT 17 08 14	8	R1/4"	14	11	38,5	21,5	14	20,8
029187	RT 17 08 38	8	R3/8"	14	11,5	39	21,5	17	27,4
029188	RT 17 10 14	10	R1/4"	16	11	41,9	24	16	36,4
029189	RT 17 10 38	10	R3/8"	16	11,5	42,9	24	17	35,1

Main features

Type	Description
RT18	BSP swivel elbow. Body in acetal resin (POM), nickel-plated brass screw with sealing O-ring.



Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	L3	CH	Weight (g)
029201	RT 18 04 M5	4	M5x0,8	10	4	14,8	15,5	9	4,6
029202	RT 18 04 18	4	G1/8"	10	5	15	15,5	13	7,1
029203	RT 18 04 14	4	G1/4"	10	6,5	17	15,5	16	11,1
029204	RT 18 06 M5	6	M5x0,8	12	4	15,3	20	12	7,9
029205	RT 18 06 18	6	G1/8"	12	5	17,3	20	12	8,4
029206	RT 18 06 14	6	G1/4"	12	6,5	19,3	20	15	12,5
029207	RT 18 08 18	8	G1/8"	14	5	18	21,5	12	8,8
029208	RT 18 08 14	8	G1/4"	14	6,5	20	21,5	15	13
029209	RT 18 08 38	8	G3/8"	14	7	21,5	21,5	20	21,4
029210	RT 18 10 14	10	G1/4"	16	6,5	21,5	24	16	15,6
029211	RT 18 10 38	10	G3/8"	16	6,5	23,5	24	20	22,8
029212	RT 18 12 38	12	G3/8"	19	7	24	28,5	20	27,2
029213	RT 18 12 12	12	G1/2"	19	8,5	28,5	28,5	20	34,9
029214	RT 18 14 38	14	G3/8"	22,5	7	25	32,3	20	28,8
029215	RT 18 14 12	14	G1/2"	22,5	8,5	29,5	32,3	20	36,5

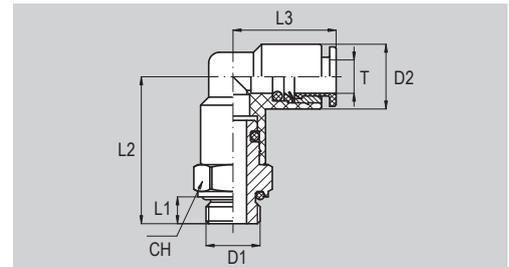
Push-in fittings

Series RT



Main features

Type	Description
RT19	Extended BSP swivel elbow. Body in acetal resin (POM), nickel-plated brass screw with sealing O-ring.

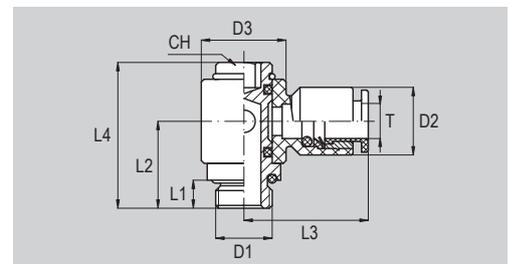


Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	L3	CH	Weight (g)
029221	RT 19 04 M5	4	M5x0,8	10	4	23,8	15,5	9	9,1
029222	RT 19 04 18	4	G1/8"	10	5	24	15,5	13	10,2
029223	RT 19 04 14	4	G1/4"	10	6,5	26	15,5	16	13,7
029224	RT 19 06 M5	6	M5x0,8	12	4	29,8	20	12	20,8
029225	RT 19 06 18	6	G1/8"	12	5	31,8	20	13	19,6
029226	RT 19 06 14	6	G1/4"	12	6,5	33,8	20	16	20,5
029227	RT 19 08 18	8	G1/8"	14	5	32,5	21,5	13	20
029228	RT 19 08 14	8	G1/4"	14	6,5	34,5	21,5	16	20,9
029229	RT 19 08 38	8	G3/8"	14	7	36	21,5	20	29,4
029230	RT 19 10 14	10	G1/4"	16	6,5	36,9	24	16	32,3
029231	RT 19 10 38	10	G3/8"	16	7	38,9	24	20	36,8

Main features

Type	Description
RT20	BSP swivel elbow with hexagonal wrench. Body in acetal resin (POM), nickel-plated brass screw with sealing O-ring.



Dimensions

Code	Item	T (ØTube)	D1	D2	D3	L1	L2	L3	L4	CH	Weight (g)
029241	RT 20 04 M5	4	M5x0,8	10	9	4	12	17,6	19,1	3	5,4
029242	RT 20 04 18	4	G1/8"	10	13	5	15	19,1	25,5	4	12,2
029250	RT 20 06 M5	6	M5x0,8	12	9	4	12	19	21,5	3	5,9
029243	RT 20 06 18	6	G1/8"	12	13	5	15	22,7	25,5	4	12,8
029244	RT 20 06 14	6	G1/4"	12	16	6,5	17,5	24,3	29	5	21,8
029245	RT 20 08 18	8	G1/8"	14	13	5	15	23	25,5	4	13
029246	RT 20 08 14	8	G1/4"	14	16	6,5	17,5	29	24,6	5	22,2
029247	RT 20 08 38	8	G3/8"	14	20	7	19,5	26,5	32,5	6	34,9
029248	RT 20 10 14	10	G1/4"	16	16	6,5	17,5	29	27	5	22,5
029249	RT 20 10 38	10	G3/8"	16	20	7	19,5	28,5	32,5	6	35,5

4 - ACCESSORIES

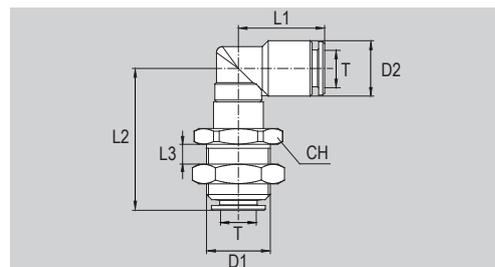
Push-in fittings

Series RT



Main features

Type	Description
RT48	Bulkhead elbow. Body in acetalic resin (POM), nickel-plated brass screw.

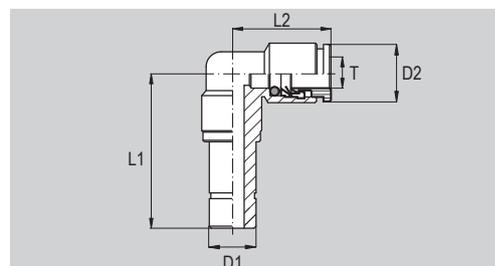


Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	L3 (max)	CH	Weight (g)
029500	RT 48 04 04	4	M12x0,75	10	15,5	27,1	5,5	15	18
029501	RT 48 06 06	6	M14x1	12	20	33	5,7	18	32,8
029502	RT 48 08 08	8	M16x1	14	21,5	35,7	7,7	20	39,6
029503	RT 48 10 10	10	M18x1	16	24	40,3	9,2	22	52,8
029504	RT 48 12 12	12	M20x1	19	28,5	44,5	9,8	24	71,5

Main features

Type	Description
RT49	Stem elbow Fully made of acetalic resin (POM).

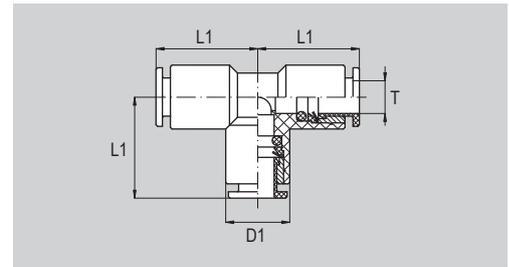


Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	Weight (g)
029514	RT 49 04 04	4	4	10	21	15,5	1,8
029515	RT 49 06 06	6	6	12	25,5	20	3,2
029516	RT 49 08 08	8	8	14	28,8	21,5	3,8
029517	RT 49 10 10	10	10	16	32,4	24	6,7
029518	RT 49 12 12	12	12	19	36	28,5	9,5
029519	RT 49 14 14	14	14	22,5	36,9	32,3	11,5

Main features

Type	Description
RT15	Equal tee. Fully made of acetalic resin (POM).

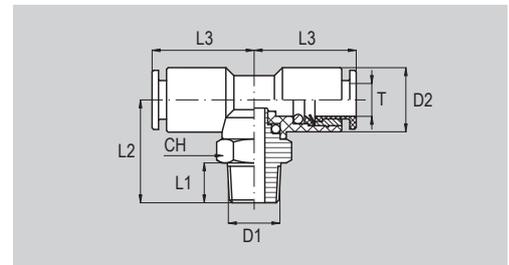


Dimensions

Code	Item	T (ØTube)	D1	L1	Weight (g)
029151	RT 15 04 04	4	10	15,2	3,3
029152	RT 15 06 06	6	12	19,7	5,4
029153	RT 15 08 08	8	14	21,5	7,1
029154	RT 15 10 10	10	16	23,5	8,8
029155	RT 15 12 12	12	19	27	13,8
029156	RT 15 14 14	14	22,5	30,5	21,7

Main features

Type	Description
RT21	BSPT swivel tee. Body in acetalic resin (POM), nickel-plated brass screw with taper thread.



Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	L3	CH	Weight (g)
029261	RT 21 04 18	4	R1/8"	10	7,5	17	15,7	10	7,4
029262	RT 21 04 14	4	R1/4"	10	11	20,5	15,7	14	13,8
029263	RT 21 06 18	6	R1/8"	12	7,5	18,8	20,2	12	10
029264	RT 21 06 14	6	R1/4"	12	11	23,3	20,2	14	15,5
029265	RT 21 08 18	8	R1/8"	14	7,5	19,5	21,7	12	11,2
029266	RT 21 08 14	8	R1/4"	14	11	24	21,7	14	16,3
029267	RT 21 08 38	8	R3/8"	14	11,5	24,5	21,7	17	21,3
029268	RT 21 10 14	10	R1/4"	16	11	25,5	24	16	19,9
029269	RT 21 10 38	10	R3/8"	16	11,5	26,5	24	17	27
029270	RT 21 12 38	12	R3/8"	19	11,5	28,5	28,5	20	36,3
029271	RT 21 12 12	12	R1/2"	19	14	31,5	28,5	22	44,8

4 - ACCESSORIES

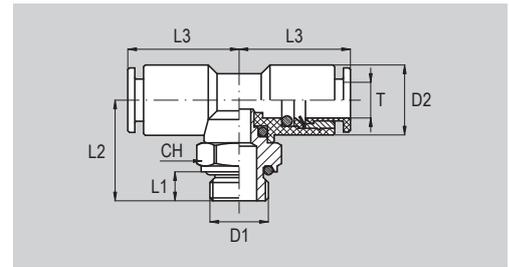
Push-in fittings

Series RT



Main features

Type	Description
RT22	BSP swivel tee. Body in acetal resin (POM), nickel-plated brass screw with sealing O-ring.

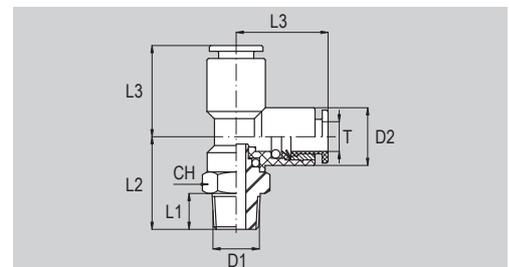


Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	L3	CH	Weight (g)
029281	RT 22 04 M5	4	M5x0,8	10	4	14,8	15,7	9	5,6
029282	RT 22 04 18	4	G1/8"	10	5	15	15,7	13	8,1
029283	RT 22 04 14	4	G1/4"	10	6,5	17	15,7	16	12
029284	RT 22 06 M5	6	M5x0,8	12	4	15,3	20,2	12	9,2
029285	RT 22 06 18	6	G1/8"	12	5	17,3	20,2	12	9,8
029286	RT 22 06 14	6	G1/4"	12	6,5	19,3	20,2	15	13,6
029287	RT 22 08 18	8	G1/8"	14	5	18	21,7	12	11,1
029288	RT 22 08 14	8	G1/4"	14	6,5	20	21,7	15	15,1
029289	RT 22 08 38	8	G3/8"	14	7	21,5	21,7	20	23,7
029290	RT 22 10 14	10	G1/4"	16	6,5	21,5	24	16	18
029291	RT 22 10 38	10	G3/8"	16	7	23,5	24	20	25,2
029292	RT 22 12 38	12	G3/8"	19	7	24	28,5	20	30,5
029293	RT 22 12 12	12	G1/2"	19	8,5	28,5	28,5	20	38,1

Main features

Type	Description
RT23	BSPT swivel side tee. Body in acetal resin (POM), nickel-plated brass screw with taper thread.

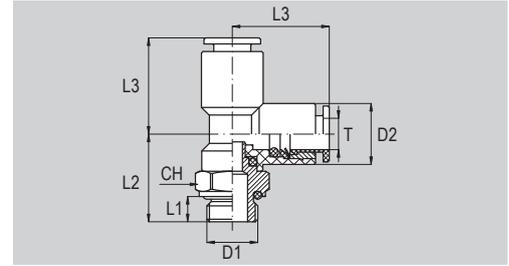


Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	L3	CH	Weight (g)
029301	RT 23 04 18	4	R1/8"	10	7,5	17	15,5	10	7,4
029302	RT 23 04 14	4	R1/4"	10	11	20,5	15,5	14	12,6
029303	RT 23 06 18	6	R1/8"	12	7,5	18,8	20	12	10,1
029304	RT 23 06 14	6	R1/4"	12	11	23,3	20	14	15,2
029305	RT 23 08 18	8	R1/8"	14	7,5	19,5	21,5	12	10,9
029306	RT 23 08 14	8	R1/4"	14	11	24	21,5	14	16,2
029307	RT 23 08 38	8	R3/8"	14	11,5	24,5	21,5	17	23,7
029308	RT 23 10 14	10	R1/4"	16	11	25,5	24	16	22,5
029309	RT 23 10 38	10	R3/8"	16	11,5	26,5	24	17	26,7

Main features

Type	Description
RT24	BSP swivel side tee. Body in acetalic resin (POM), nickel-plated brass screw with sealing O-ring.

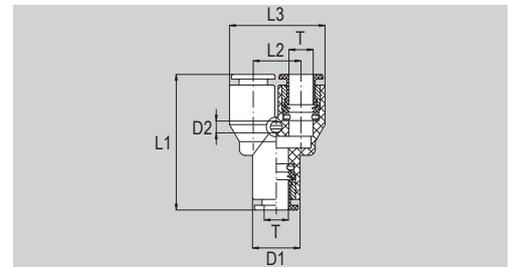


Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	L3	CH	Weight (g)
029321	RT 24 04 M5	4	M5x0,8	10	4	14,8	15,5	9	5,6
029322	RT 24 04 18	4	G1/8"	10	5	15	15,5	13	8,1
029323	RT 24 04 14	4	G1/4"	10	6,5	17	15,5	16	13
029324	RT 24 06 M5	6	M5x0,8	12	4	15,3	20	12	10,3
029325	RT 24 06 18	6	G1/8"	12	5	17,3	20	12	9,9
029326	RT 24 06 14	6	G1/4"	12	6,5	19,3	20	15	13,9
029327	RT 24 08 18	8	G1/8"	14	5	18	21,5	12	10,7
029328	RT 24 08 14	8	G1/4"	14	6,5	20	21,5	15	14,7
029329	RT 24 08 38	8	G3/8"	14	7	21,5	21,5	20	27,4
029330	RT 24 10 14	10	G1/4"	16	6,5	21,5	24	16	20
029331	RT 24 10 38	10	G3/8"	16	7	23,5	24	20	25,1

Main features

Type	Description
RT29	Y piece. Fully made of acetalic resin (POM).



Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	L3	Weight (g)
029401	RT 29 04 04	4	10	2,7	28,3	10,7	20,7	3,5
029402	RT 29 06 06	6	12	3,2	35,9	13,2	25,2	5,7
029403	RT 29 08 08	8	14	3,2	38,5	15,2	29,2	7,9
029404	RT 29 10 10	10	16	3,2	40,6	18,5	34,5	9,7
029405	RT 29 12 12	12	19	3,2	45	21	40	15,5

4 - ACCESSORIES

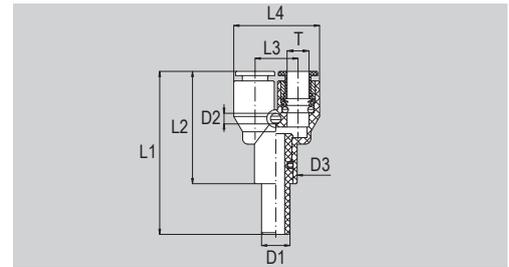
Push-in fittings

Series RT



Main features

Type	Description
RT30	Stem Y. Fully made of acetalic resin (POM).

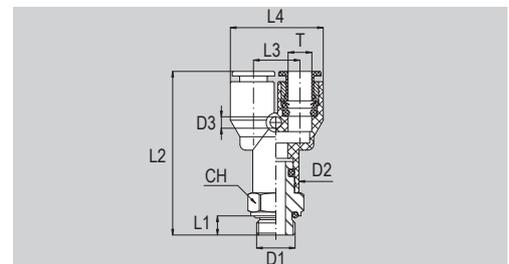


Dimensions

Code	Item	T (ØTube)	D1	D2	D3	L1	L2	L3	L4	Weight (g)
029411	RT 30 04 04	4	4	2,7	10	42,3	25,8	10,7	20,7	3,8
029412	RT 30 04 06	4	6	2,7	10	44,6	25,8	10,7	20,7	4,2
029413	RT 30 04 08	4	8	2,7	10	46,3	25,8	10,7	20,7	4,5
029414	RT 30 06 06	6	6	3,2	12	51,9	32,9	13,2	25,2	6,3
029415	RT 30 08 08	8	8	3,2	14	54,5	35,5	15,2	29,2	8,7

Main features

Type	Description
RT31	BSP swivel Y. Body in acetalic resin (POM), nickel-plated brass screw with sealing O-ring.



Dimensions

Code	Item	T (ØTube)	D1	D2	D3	L1	L2	L3	L4	CH	Weight (g)
029421	RT 31 04 M5	4	M5x0,8	10	2,7	4	33,8	10,7	20,5	9	6,5
029422	RT 31 04 18	4	G1/8"	10	2,7	5	34,8	10,7	20,5	13	9
029423	RT 31 04 14	4	G1/4"	10	2,7	6,5	36,8	10,7	20,5	16	13,4
029424	RT 31 06 18	6	G1/8"	12	3,2	5	41,9	13,2	25,2	13	11,5
029425	RT 31 06 14	6	G1/4"	12	3,2	6,5	43,9	13,2	25,2	16	16,2
029426	RT 31 08 18	8	G1/8"	14	3,2	5	43	15,2	29,2	14	15,9
029427	RT 31 08 14	8	G1/4"	14	3,2	6,5	46,5	15,2	29,2	16	18,8
029428	RT 31 08 38	8	G3/8"	14	3,2	7	48,5	15,2	29,2	20	27,7

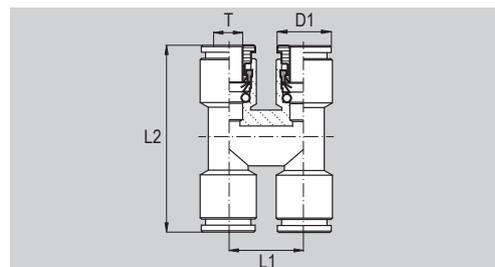
Push-in fittings

Series RT



Main features

Type	Description
RT46	Equal H swivel union. Fully made of acetalic resin (POM).

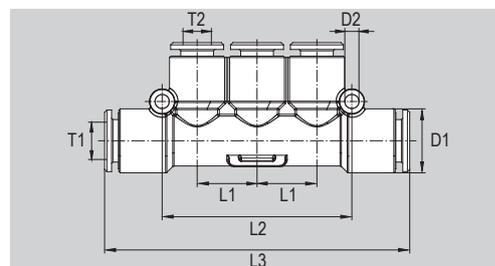


Dimensions

Code	Item	T (ØTube)	D1	L1	L2	Weight (g)
029507	RT 46 04 04	4	10	14	31,4	9,2
029508	RT 46 06 06	6	12	17,6	40,4	11,9
029509	RT 46 08 08	8	14	19	43,4	14,1
029510	RT 46 10 10	10	16	23	48	25,8

Main features

Type	Description
RT36	Manifold. Fully made of acetalic resin (POM).



Dimensions

Code	Item	T1 (ØTube)	T2 (ØTube)	L1	L2	L3	D1	D2	Weight (g)
029462	RT 36 06 04	6	4	11	35,2	59	12	3,2	8
029463	RT 36 08 06	8	6	13	41,2	66	14	3,2	11,2

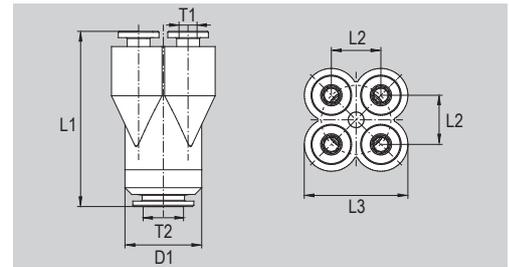
Push-in fittings

Series RT



Main features

Type	Description
RT43	Double Y union. Body in acetalic resin (POM), bottom connection in nickel-plated brass.

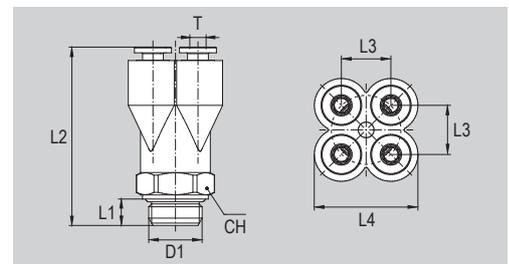


Dimensions

Code	Item	T1 (ØTube)	T2 (ØTube)	D1	L1	L2	L3	Weight (g)
029406	RT 43 04 06	4	6	17	38,5	11	23	27,8
029408	RT 43 04 08	4	8	17	38,5	11	23	25

Main features

Type	Description
RT44	Double Y BSP union. Body in acetalic resin (POM), nickel-plated brass screw with sealing O-ring.

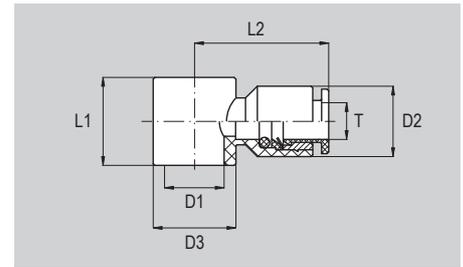


Dimensions

Code	Item	T (ØTube)	D1	L1	L2	L3	L4	CH	Weight (g)
029409	RT 44 04 18	4	G1/8"	5	41	11	23	17	32,8
029410	RT 44 04 14	4	G1/4"	6,5	43	11	23	17	32

Main features

Type	Description
RT28	Single banjo. Fully made of acetalic resin (POM). Compatible with bolt types R31, R32, R59 and R60. Compatible with flow regulators types V14 and V15 (for M5 with coding M5R only). Compatible with accessories with integrated function types V45, V46 and V47.

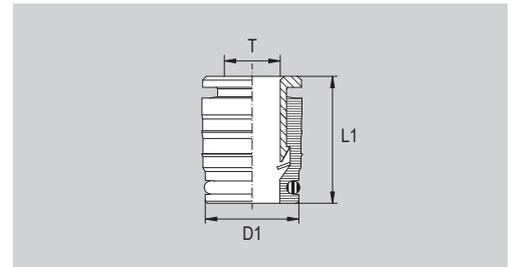


Dimensions

Code	Item	T (ØTube)	D1	D2	D3	L1	L2	Weight (g)
029391	RT 28 04 M5	4	M5	10	9,7	10	17,6	1,9
029400	RT 28 04 M5R	4	7	10	9,7	10	17,6	2,3
029392	RT 28 04 18	4	1/8"	10	15	15	19,1	2,9
029407	RT 28 06 M5R	6	7	12	9,7	10	21,5	3,1
029393	RT 28 06 18	6	1/8"	12	15	15	22,7	3,5
029394	RT 28 06 14	6	1/4"	12	18	17	24,3	4,2
029395	RT 28 08 18	8	1/8"	14	15	15	23	3,7
029396	RT 28 08 14	8	1/4"	14	18	17	24,6	4,6
029397	RT 28 08 38	8	3/8"	14	23	20	26,5	6,4
029398	RT 28 10 14	10	1/4"	16	18	17	27	5,2
029399	RT 28 10 38	10	3/8"	16	23	20	28,5	8,4

Main features

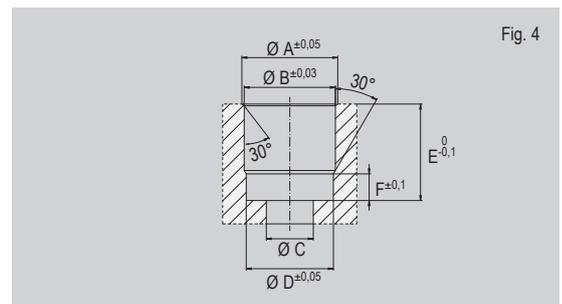
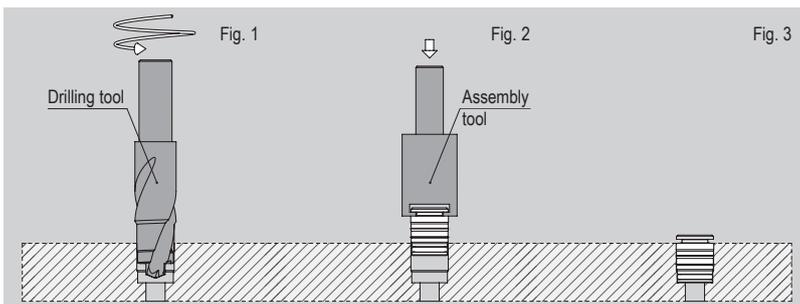
Type	Description
RT34	Stem cartridge. Body in acetalic resin (POM) with brass reinforcement.



Dimensions

Code	Item	T (ØTube)	D1	L1	Weight (g)
029451	RT 34 04 04	4	9,3	14,5	2,8
029452	RT 34 06 06	6	11,5	17	4,6
029453	RT 34 08 08	8	13,7	17,5	6,4
029454	RT 34 10 10	10	15,8	19	8,3

Cartridge seat drilling plan



Drill the cartridge seat with the drilling tool (fig. 1) following the instructions (fig. 4);
Then manually press the cartridge inside the seat, until it rests on the seat plane, with the Assembly Tool (fig.2);
Doing this way will ensure that the insertion has been made (fig. 3).
Drilling tool and Assembly tool available on request. For further informations, please contact the sales department.

T (ØTube)	Ø A	ØB	ØC	ØD	E	F
4	9,5	9,2	3	8,6	12	3,2
6	11,7	11,4	5	10,8	14	4
8	13,9	13,6	7	13	14,5	4
10	16	15,7	9	15,1	16	4

