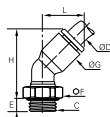


3133 45° Elbow, Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

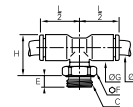


ØD	C		E	F	G	H	L	Kg
4	M5x0.8	3133 04 19	3.5	8	9	23	13	0.003
	G1/8	3133 04 10	4.5	13	9	20.5	13	0.006
6	M5x0.8	3133 06 19	3.5	8	11	28	14.5	0.003
	G1/8	3133 06 10	4.5	13	11	24	14.5	0.006
8	G1/4	3133 06 13	5.5	16	11	24	14.5	0.011
	G1/8	3133 08 10	4.5	13	13.5	31	19.5	0.009
10	G1/4	3133 08 13	5.5	16	13.5	29	19.5	0.012
	G3/8	3133 08 17	5.5	20	13.5	29	19.5	0.017
12	G1/4	3133 10 13	5.5	16	16	35	23	0.014
	G3/8	3133 10 17	5.5	20	16	33.5	23	0.017
16	G1/2	3133 10 21	7	24	16	33.5	23	0.026
	G1/4	3133 12 13	5.5	16	19	40.5	26	0.016
20	G3/8	3133 12 17	5.5	20	19	39	26	0.019
	G1/2	3133 12 21	7	24	19	39	26	0.029

The body swivels for positioning purposes.
This model prevents distortion of the tube.

3198 Stud Branch Tee, Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

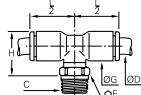


ØD	C		E	F	G	H	L/2	Kg
4	M5x0.8	3198 04 19	3.5	8	8.5	17.5	14	0.003
	G1/8	3198 04 10	5	13	8.5	15	14	0.006
6	G1/4	3198 04 13	5.5	16	8.5	15	14	0.011
	M5x0.8	3198 06 19	3.5	8	10.5	19.5	16	0.004
8	G1/8	3198 06 10	5	13	10.5	17	16	0.007
	G1/4	3198 06 13	5.5	16	10.5	17	16	0.012
10	G1/8	3198 08 10	4.5	13	13.5	23.5	23	0.011
	G1/4	3198 08 13	5.5	16	13.5	21.5	23	0.014
12	G3/8	3198 08 17	5.5	20	13.5	21.5	23	0.019
	G1/4	3198 10 13	5.5	16	16	26	26.5	0.017
16	G3/8	3198 10 17	5.5	20	16	24	26.5	0.020
	G1/2	3198 10 21	7	24	16	24	26.5	0.029
20	G1/4	3198 12 13	5.5	16	19	29	31	0.021
	G3/8	3198 12 17	5.5	20	19	27	31	0.024
24	G1/2	3198 12 21	7	24	19	27	31	0.033
	G3/8	3198 14 17	5.5	20	22	32.5	35.5	0.036
32	G1/2	3198 14 21	7	24	22	27	35.5	0.036
	G3/8	3198 16 17	7.5	27	27	54.5	38.5	0.121
40	G1/2	3198 16 21	9	27	27	54.5	38.5	0.117

The body swivels for positioning purposes.

3108 Stud Branch Tee, Male BSPT Thread

Technical polymer, Nickel-plated brass, NBR

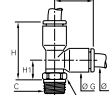


ØD	C		F	G	H	L/2	Kg
4	R1/8	3108 04 10	10	8.5	15.5	14	0.006
	R1/4	3108 04 13	14	8.5	16	14	0.015
6	R1/8	3108 06 10	10	10.5	17.5	16	0.007
	R1/4	3108 06 13	14	10.5	18	16	0.016
8	R1/8	3108 08 10	10	13.5	22	23	0.009
	R1/4	3108 08 13	14	13.5	21	23	0.016
10	R3/8	3108 08 17	17	13.5	21	23	0.020
	R1/4	3108 10 13	15	16	24	26.5	0.017
12	R3/8	3108 10 17	17	16	24	26.5	0.022
	R1/2	3108 10 21	21	16	24	26.5	0.034
16	R1/4	3108 12 13	15	19	27	31	0.021
	R3/8	3108 12 17	17	19	27	31	0.027
20	R1/2	3108 12 21	21	19	27	31	0.041
	R3/8	3108 14 17	20	22	30.5	35	0.038
24	R1/2	3108 14 21	24	22	28.5	35	0.049
	R3/8	3108 16 17	27	27	53	38.5	0.128
32	R1/2	3108 16 21	27	27	53	38.5	0.124

Pre-coated thread
The body swivels for positioning purposes.

3103 Stud Run Tee, BSPT Thread

Technical polymer, Nickel-plated brass, NBR



ØD	C		F	G	H	H1	L	Kg
4	R1/8	3103 04 10	10	8.5	23.5	9	14.5	0.006
	R1/4	3103 04 13	14	8.5	24	9.5	14.5	0.015
6	R1/8	3103 06 10	10	10.5	27.5	10	17.5	0.007
	R1/4	3103 06 13	14	10.5	28	10.5	17.5	0.016
8	R1/8	3103 08 10	10	13.5	35	12	23	0.009
	R1/4	3103 08 13	14	13.5	34	11	23	0.015
10	R3/8	3103 08 17	17	13.5	34	11	23	0.020
	R1/4	3103 10 13	15	16	40.5	14	26.5	0.017
12	R3/8	3103 10 17	17	16	40.5	14	26.5	0.022
	R1/2	3103 10 21	21	16	40.5	14	26.5	0.035
16	R1/4	3103 12 13	15	19	46.5	15.5	31	0.021
	R3/8	3103 12 17	17	19	46.5	15.5	31	0.026
20	R1/2	3103 12 21	21	19	46.5	15.5	31	0.041
	R3/8	3103 14 21	24	22	52.5	17.5	35.5	0.049
24	R3/8	3103 16 17	27	27	78	27	38.5	0.126
	R1/2	3103 16 21	27	27	78	27	38.5	0.124

Pre-coated thread
The body swivels for positioning purposes.