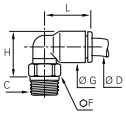
3109 Stud Elbow, Male NPT Thread

Technical polymer, Nickel-plated brass, NBR





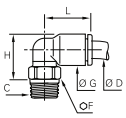
ØD	C		F	G	H	L	Kg
4	NPT1/8	3109 04 11	11	8.4	13.5	14	0.007
	NPT1/4	3109 04 14	14	8.4	14	14	0.016
6	NPT1/8	3109 06 11	11	10.5	15.5	16	0.007
	NPT1/4	3109 06 14	14	10.5	16	16	0.016
8	NPT1/8	3109 08 11	11	13.5	19	23.1	0.009
	NPT1/4	3109 08 14	14	13.5	18	23.1	0.015
10	NPT1/4	3109 10 14	15	16	23	26.5	0.017
	NPT3/8	3109 10 18	18	16	22	26.5	0.023
	NPT1/2	3109 10 22	22	16	23	26.5	0.046
12	NPT1/2	3109 12 22	22	19	26	31	0.048

Pre-coated thread
The body swivels for positioning purposes.

3109 Stud Elbow, Male NPT Thread Inch

Technical polymer, Nickel-plated brass, NBR





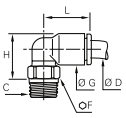
ØD	C		F	G	H	L	Kg
1/8	NPT1/8	3109 53 11	11	8.6	13.5	14.5	0.007
	NPT1/4	3109 53 14	14	8.6	14	14.5	0.015
1/4	NPT1/8	3109 56 11	11	11	17	18	0.008
	NPT1/4	3109 56 14	14	11	16	18	0.014
	NPT3/8	3109 56 18	18	11	16.5	18	0.021
3/8	NPT1/8	3109 60 11	15	16	23.1	27.4	0.014
	NPT1/4	3109 60 14	15	16	23.1	27.4	0.017
	NPT3/8	3109 60 18	18	16	22.1	27.4	0.024
1/2	NPT3/8	3109 62 18	20	22.1	31	35.1	0.033
	NPT1/2	3109 62 22	24	22.1	28.4	35.1	0.045

Pre-coated thread
The body swivels for positioning purposes.
5/32"(4 mm) and 5/16"(8 mm) are also available.

3109 Stud Elbow, Male BSPT Thread Inch

Technical polymer, Nickel-plated brass, NBR





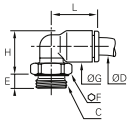
ØD	C		F	G	H	L	Kg
1/8	R1/8	3109 53 10	10	8.6	13.5	14.5	0.011
1/4	R1/8	3109 56 10	10	11	17	18	0.006
	R1/4	3109 56 13	14	11	17	18	0.013
3/8	R1/4	3109 60 13	15	16	22.1	26.4	0.016
	R3/8	3109 60 17	17	16	22.1	26.4	0.054
1/2	R1/4	3109 62 13	20	22.1	31	35.1	0.064
	R3/8	3109 62 17	20	22.1	31	35.1	0.067
	R1/2	3109 62 21	24	22.1	28.4	35.1	0.046

Pre-coated thread
The body swivels for positioning purposes.
5/32"(4 mm) and 5/16"(8 mm) are also available.

3199 Stud Elbow, Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR





ØD	C		E	F	G	H	L	Kg
3	M3x0.5	3199 03 09*	2.5	8	8.5	15	14.5	0.003
	M5x0.8	3199 03 19	3.5	8	8.5	13.5	14.5	0.003
4	M3x0.5	3199 04 09*	2.5	8	8.5	15	14.5	0.003
	M5x0.8	3199 04 19	3.5	8	8.5	13.5	14	0.002
	M7x1	3199 04 55	4.5	10	8.5	15	14	0.005
	G1/8	3199 04 10	5	13	8.5	13	14	0.006
	G1/4	3199 04 13	5.5	16	8.5	13	14	0.011
6	M5x0.8	3199 06 19	3.5	8	10.5	15.5	16	0.003
	M7x1	3199 06 55	4.5	10	10.5	17.5	16	0.006
	M10x1	3199 06 60	5	13	10.5	15	14	0.006
	M12x1.5	3199 06 67	5.5	15	10.5	15	16	0.009
	G1/8	3199 06 10	5	13	10.5	15	16	0.006
	G1/4	3199 06 13	5.5	16	10.5	15	16	0.011
	G3/8	3199 06 17	5.5	20	10.5	15.5	16	0.022
	G1/2	3199 06 21	7	24	10.5	16	16	0.027
8	M10x1	3199 08 60	5	13	13.5	20.5	23	0.009
	M12x1.5	3199 08 67	5.5	15	13.5	18	23	0.009
	G1/8	3199 08 10	4.5	13	13.5	20.5	23	0.009
	G1/4	3199 08 13	5.5	16	13.5	18.5	23	0.012
	G3/8	3199 08 17	5.5	20	13.5	18.5	23	0.017
	G1/2	3199 08 21	7	24	13.5	19	23	0.027
10	G1/4	3199 10 13	5.5	16	16	23.5	26.5	0.014
	G3/8	3199 10 17	5.5	20	16	22	26.5	0.017
	G1/2	3199 10 21	7	24	16	22	26.5	0.026
12	G1/4	3199 12 13	5.5	16	19	26.5	31	0.016
	G3/8	3199 12 17	5.5	20	19	25	31	0.019
	G1/2	3199 12 21	7	24	19	25	31	0.029
14	G3/8	3199 14 17	5.5	20	22	32.5	35.5	0.029
	G1/2	3199 14 21	7	24	22	27	35.5	0.028
16	G3/8	3199 16 17	7.5	27	27	54.5	39	0.101
	G1/2	3199 16 21	9	27	27	54.5	39	0.097

The body swivels for positioning purposes.
*Bi-material seal