

Brass compression fittings DIN EN 1254-2



Brass compression fittings

DIN EN 1254-2

Temperature range: -60°C to max. +300°C (with seal: -20°C to max. +80°C)

Recommended pipe materials: copper, polyamide (with reinforcement sleeve)

Note: The brass compression fittings cannot be combined with cutting ring pipe fittings ISO 8434-1 (DIN 2353).

Operating pressure for entire connection including pipe

Pipe Ø outside	Pipe Ø inside	Hard copper pipe	Pipe Ø outside	Pipe Ø inside	Hard copper pipe
4	2	150 bar	14	12	89 bar
5	3	150 bar	15	13	82 bar
6	4	150 bar	16	14	76 bar
8	6	135 bar	18	16	67 bar
10	8	95 bar	22	20	54 bar
12	10	75 bar			

When using soft copper pipe, the correction factor of 0.65 must be applied (pressure x 0.65).

When using polyamide pipe, the operating pressures of the pipe apply.



PA-Seal



NBR-Seal

Straight screw-in fittings with cylindrical external thread

Materials: Body brass, seal: polyamide or NBR

Typ PA-seal	Typ NBR-seal	Pipe Ø out-side	Male-thread	Typ PA-seal	Typ NBR-seal	Pipe Ø out-side	Male-thread
		4	G 1/8"			12	G 1/2"
		5	G 1/8"			14	G 3/8"
		6	G 1/8"			14	G 1/2"
		6	G 1/4"			15	G 3/8"
		8	G 1/8"			15	G 1/2"
		8	G 1/4"			16	G 3/8"
		8	G 3/8"			16	G 1/2"
		0	G 1/4"			18	G 1/2"
		10	G 3/8"			18	G 3/4"
		12	G 1/4"			22	G 3/4"
		12	G 3/8"			22	G 1"

Straight screw-in fittings with conical external thread

Materials: brass



Pipe Ø out-side	Male-thread	Pipe Ø out-side	Male-thread
4	R 1/8"	12	R 3/8"
5	R 1/8"	12	R 1/2"
5	R 1/4"	14	R 3/8"
6	R 1/8"	14	R 1/2"
6	R 1/4"	15	R 3/8"
6	R 3/8"	15	R 1/2"
8	R 1/8"	16	R 1/4"
8	R 1/4"	16	R 3/8"
8	R 3/8"	16	R 1/2"
10	R 1/8"	16	R 3/4"
10	R 1/4"	18	R 1/2"
10	R 3/8"	18	R 3/4"
10	R 1/2"	22	R 1/2"
12	R 1/4"	22	R 3/4"