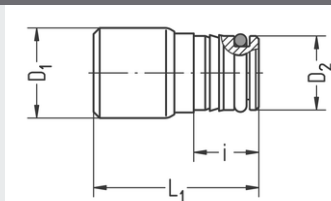


Force-fitting connector

- Sealing NBR
- Material brass
- Temperature range -4 to 176 °F (-20 to +80 °C)
- Working pressure range -14 to 232 psi (-0.95 to 16 bar)



Part no.	for tube	i	L1	D1	D2	NW	g/piece
612-0002	OD4 (5/32")	7	18,5	8,6	6	2,5	4
612-0902	OD4 (5/32")	8,5	21	8,6	9	4,5	7
612-0004	OD6	8,5	23	11,4	9	4,5	8
612-0006	OD8 (5/16")	10,5	27,5	14,6	12	6,5	16
612-0008	OD10	12	31,5	16,6	14	8,2	22
612-0009	OD12	14,5	38,5	19,9	17	9,5	40
612-0011	OD14	16	41	22	19	11	48

Mounting hole | Mounting mandrel

Part no.	for tube	D1 -0,05	D2 -0,05	L1 ±0.1	L2 ±0.1	d1 H8	d2 +0.2	d3 min.	t1 +0.5	t2 +0.2	t3 max
612-0002	OD4 (5/32")	3,8	4,05	10,5	15	6	6,5	9	7	0,4	5
612-0004	OD6	5,8	6,05	13	18,5	9	9,5	12	8,5	0,4	6,5
612-0006	OD8 (5/16")	7,8	8,05	15	21,5	12	12,5	15,2	10,5	0,4	7,5
612-0008	OD10	9,8	10,05	17,5	24	14	14,5	17,2	12	0,4	8,5
612-0009	OD12	11,8	12,05	22	29	17	17,6	20,6	14,5	0,5	12
612-0011	OD14	13,8	14,05	24,5	31	19	19,6	22,6	16	0,5	12
612-0902	OD4 (5/32")	3,8	4,05	10,5	15	9	9,5	10	8,5	0,4	6

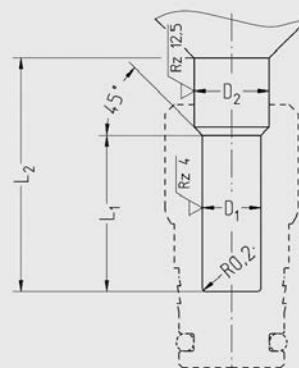
Assembly instructions

1. Align mandrel and insertion bore (max. allowable misalignment 0.15 mm)
2. Slightly grease O-ring on force-fitting shaft
3. Mount force-fitting connector onto mandrel
4. Impress force-fitting adapter up to limit stop (max. force-fitting speed 50 mm / second)

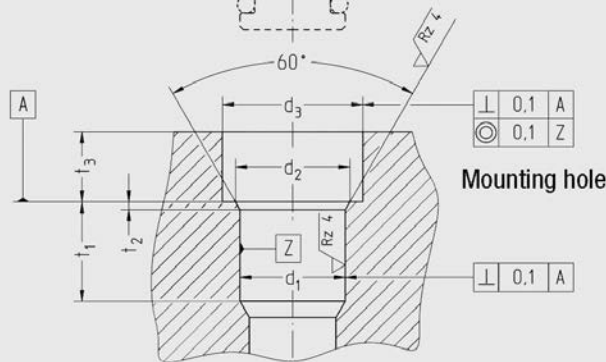
Note

Force-fitting connectors may only be impressed with the help of mandrels displayed and dimensioned in the table.

For an effective test of production models that are equipped with force-fitting connectors, the required test air may be applied via special steel plugs. Please ask for the necessary drawing if interested.



Mounting mandrel



Mounting hole