

# IQS push in connections - Standard & Big



Dimensions can be found in the item details in our Online Shop!



PU, PA, PTFE and PE hoses from page 192

## IQS Push in connections Standard

**Materials:** Body: Nickel-plated brass/PA 66 (M 3: nickel-plated steel/PA66), sleeve: PA 66, seal: NBR, holding claws: Stainless steel, cartridge: Zinc-plated ZnDC (only silicone-free seals and lubricants are used during assembly)  
**Temperature range:** -20°C to max. +80°C  
**Operating pressure:** -0.95 to 20 bar  
**Media:** Compressed air, neutral gases. Water up to +60°C may be used only after we approve the performance specifications.

**Hoses: 3 - 16 mm**  
**Thread: M 3 - 1/2"**

### Advantages:

- Large product variety
- Extremely tight
- Available with conical, PTFE-coated thread
- Available with cylindrical thread with captive O-ring



## IQS Push in connections Big

**Materials:** Body: POM (Ø 28: brass/POM, Ø 32: PP), seal: NBR  
**Temperature range:** -20°C to max. +70°C  
**Operating pressure:** -0.95 to 10 bar (70°C: max. 7 bar)  
**Media:** Compressed air, neutral gases, cold water

**Hoses/Tubes: 15 - 32 mm**  
**Thread: 3/8" - 1 1/2"**

### Advantages:

- Ideal for compressed air distribution in halls, buildings etc.
- Numerous approvals (not Ø 32): FDA, DVGW W 270, KTW, NSF 51 & 61



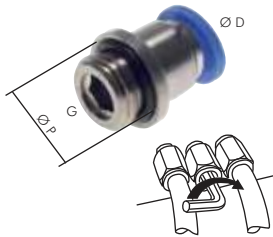
## Push in fittings, cylindrical threads Standard



Type	G	D	Type	G	D	Type	G	D
IQSG M33*	M 3	3	IQSG 1812 G	G 1/8"	12	IQSG 3812 G	G 3/8"	12
IQSG M34*	M 3	4	IQSG 144 G	G 1/4"	4	IQSG 3814 G	G 3/8"	14
IQSG M53*	M 5	3	IQSG 146 G	G 1/4"	6	IQSG 3816 G	G 3/8"	16
IQSG M54*	M 5	4	IQSG 148 G	G 1/4"	8	IQSG 126 G	G 1/2"	6
IQSG M56*	M 5	6	IQSG 1410 G	G 1/4"	10	IQSG 128 G	G 1/2"	8
IQSG 184 G	G 1/8"	4	IQSG 1412 G	G 1/4"	12	IQSG 1210 G	G 1/2"	10
IQSG 186 G	G 1/8"	6	IQSG 386 G	G 3/8"	6	IQSG 1212 G	G 1/2"	12
IQSG 188 G	G 1/8"	8	IQSG 388 G	G 3/8"	8	IQSG 1214 G	G 1/2"	14
IQSG 1810 G	G 1/8"	10	IQSG 3810 G	G 3/8"	10	IQSG 1216 G	G 1/2"	16

\* without hexagon socket

## Push in fittings with round body, cylindrical threads Standard



Type	G	D	P	Type	G	D	P
IQSG M33 I	M 3	3	8.2	IQSG 146 IG	G 1/4"	6	17.0
IQSG M34 I	M 3	4	8.2	IQSG 148 IG	G 1/4"	8	17.0
IQSG M53 I	M 5	3	8.2	IQSG 1410 IG	G 1/4"	10	17.0
IQSG M54 I	M 5	4	8.2	IQSG 1412 IG	G 1/4"	12	18.8
IQSG M56 I	M 5	6	11.0	IQSG 388 IG	G 3/8"	8	21.0
IQSG 184 IG	G 1/8"	4	14.0	IQSG 3810 IG	G 3/8"	10	21.0
IQSG 186 IG	G 1/8"	6	14.0	IQSG 3812 IG	G 3/8"	12	21.0
IQSG 188 IG	G 1/8"	8	14.0	IQSG 128 IG	G 1/2"	8	25.0
IQSG 1810 IG	G 1/8"	10	15.5	IQSG 1210 IG	G 1/2"	10	25.0
IQSG 1812 IG	G 1/8"	12	18.8	IQSG 1212 IG	G 1/2"	12	25.0
IQSG 144 IG	G 1/4"	4	17.0				

## Push in fittings Big

Type	R	D	Type	R	D
IQSG 1215	R 1 1/2"	15	IQSG 1032	R 1"	32
IQSG 3422	R 3/4"	22	IQSG 11232	R 1 1/2"	32
IQSG 1028	R 1"	28			

## Push in fittings, cylindrical threads Big

Type	G	D	Type	G	D
IQSG 3815 G	G 3/8"	15	IQSG 3422 G	G 3/4"	22
IQSG 1215 G	G 1/2"	15	IQSG 3428 G*	G 3/4"	28
IQSG 1218 G	G 1/2"	18	IQSG 1028 G	G 1"	28
IQSG 1222 G*	G 1/2"	22			

\* 2-piece design

## Push in fittings with conical threads

Almost all push in fittings are also available with Teflon-coated conical threads.

Order example: IQSG 184

Standard type

Designation for the options with conical threads, order without the last "G" -G e.g.: IQSG 184



Many additional products and sizes are available in our Online Shop!