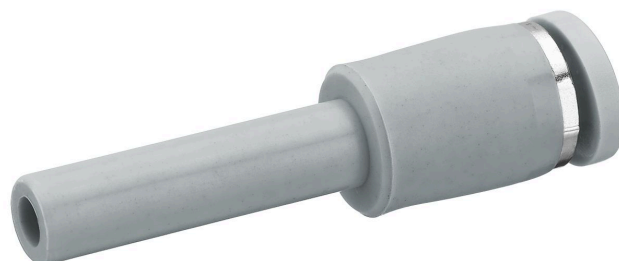


AVENTICS Series QR1 Fittings

AVENTICS Series QR1 push-in connectors with easy, secure mounting are available in many versions: for tubing diameters from 3 to 16 mm, as well as in plastic, metal, and stainless steel variants. QR1 Series offers a cylindric thread that allows repeated connection and release without problems (Quick Release) and captive O-ring guarantees an optimal sealing. Our QR program offers the right solution for every application and industry.

- Qn = 60 l/min .. 875 l/min



Technical data

Industry

Industrial

Note

Due to product optimisation, the delivered article may currently deviate from the dimensions shown.

Fitting type

Straight push-in fitting, reducing

Compressed air connection type

Push-in fitting

Port G

Ø 6

Compressed air connection type 2

pin bushing

Port D

Ø 8

Type

QR1-S-RED

Min. working pressure

-0.95 bar

Max. working pressure

10 bar

Min. ambient temperature

0 °C

Max. ambient temperature

60 °C

Delivery quantity

10 piece

Weight

0.0042 kg

Material

Surface

nickel-plated

Housing material

Polyoxymethylene

QR1-S-RED standard series

2121708060

Series QR1

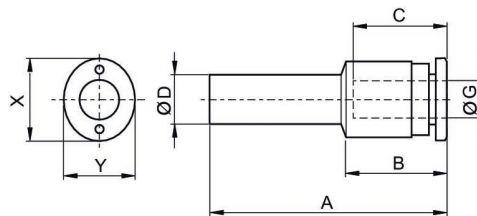
2026-07-24

Seal material	Acrylonitrile butadiene rubber
Material tooth lock washer	Stainless Steel
Material release ring	Polyamide
Material release ring holder	Die cast zinc
	Brass
Surface release ring holder	nickel-plated
Part No.	2121708060

Technical information

The series QR1 (plastic) and QR2 (metal) can not be combined.

Dimensions



Part No.	Port D	Port G	A	B	C Insertion depth	X	Y
2121706040	Ø 8	Ø 6	40.6	18.2	16	12	10
2121708040	Ø 8	Ø 6	42.6	18.2	16	12	10
2121708060	Ø 8	Ø 6	43.3	19.2	17	14	12
2121710040	Ø 8	Ø 6	41.3	17.6	16	12	10
2121710060	Ø 8	Ø 6	45.3	19.2	17	14	12
2121710080	Ø 8	Ø 6	47.4	20.5	18.5	16	14
2121712060	Ø 8	Ø 6	48.2	19.2	17	14	12
2121712080	Ø 8	Ø 6	49.4	20.5	18.5	16	14
2121712100	Ø 8	Ø 6	52	23	21	19	17
2121714080	Ø 8	Ø 6	55.4	20.4	18.5	16	14
2121714100	Ø 8	Ø 6	58	23	21	19	17