

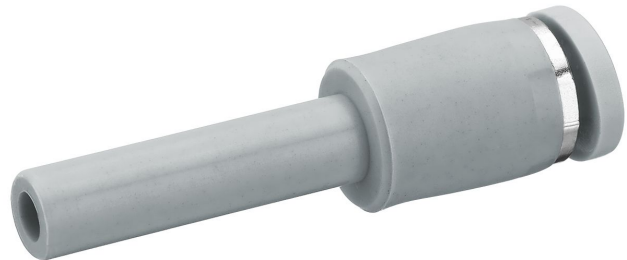
QR1-S-RED standard series

R432000066

2025-04-25

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.



Technical data

Industry	Industrial
Fitting type	Straight push-in fitting, reducing
Compressed air connection type	Push-in fitting
Port G	Ø5/32
Compressed air connection type 2	pin bushing
Port D	Ø1/4
Type	QR1-S-RED
Min. working pressure	-0.95 bar
Max. working pressure	16 bar
Min. ambient temperature	-20 °C
Max. ambient temperature	80 °C
Delivery quantity	10 piece
Weight	0.005 kg

Material

Housing material	Polyamide
Seal material	Acrylonitrile butadiene rubber
Material tooth lock washer	Stainless Steel
Material release ring	Polyamide

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Material release ring holder

Die cast zinc

Brass

Surface release ring holder

nickel-plated

Part No.

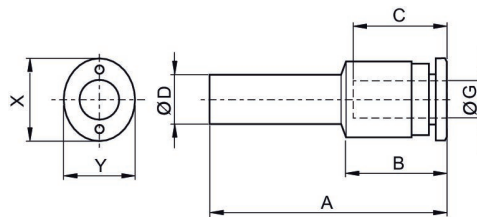
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Technical information

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

These pneumatic components with NPT or inch thread dimensions are only available from our US sales organization.

Dimensions in inches



Dimensions in inches

Part No.	Port D	Port G	A	B	C	X	Y
R432000070	Ø5/16	Ø5/32	1.702	0.693	0.729	0.473	0.394
R432000069	Ø5/16	Ø1/4	1.741	0.756	0.729	0.552	0.473
R432000068	Ø3/8	Ø5/16	1.872	0.801	0.827	0.63	0.552
R432000067	Ø3/8	Ø1/4	1.82	0.756	0.827	0.552	0.473
R432000066	Ø1/4	Ø5/32	1.6	0.693	0.67	0.473	0.394
R432000065	Ø1/2	Ø5/16	1.95	0.801	0.729	0.63	0.552
R432000064	Ø1/2	Ø3/8	2.065	0.906	0.827	0.749	0.67
R432000063	Ø1/2	Ø1/4	1.899	0.756	0.67	0.552	0.473