

QR1-S-RBS standard series

R432000048

2026-04-30

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	Blanking plug
Compressed air connection type	pin bushing
Port G	Ø1/2
Type	QR1-S-RBS
Min. working pressure	-0.95 bar
Max. working pressure	10 bar
Min. ambient temperature	0 °C
Max. ambient temperature	60 °C
Delivery quantity	20 piece
Weight	0.005 kg

Material

Surface	nickel-plated
Housing material	Polybutyleneterephthalate
Part No.	R432000048

QR1-S-RBS standard series

R432000048

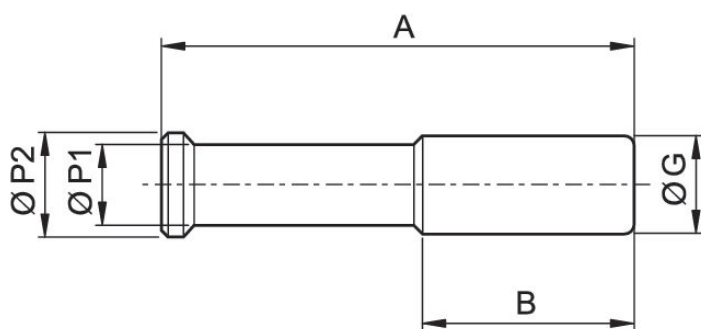
2026-04-30

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 G	A	B	Ø P1	Ø P2
R432002353	Ø5/32	1.1	0.63	0.12	0.16
R432000049	Ø1/4	1.26	0.67	0.18	0.25
R432002354	Ø5/16	1.65	0.73	0.28	0.39
R432000050	Ø3/8	1.66	0.83	0.28	0.37
R432000048	Ø1/2	1.73	0.89	0.34	0.5