

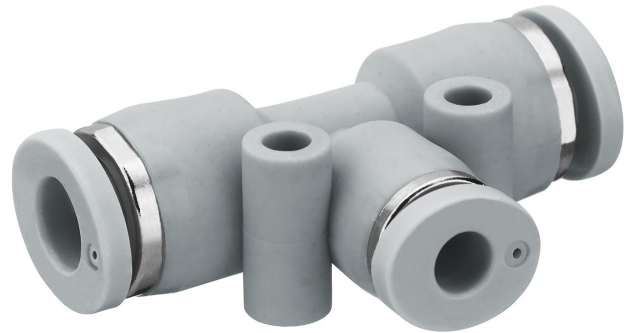
QR1-S-RTR standard series

R432003253

2026-03-05

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

Note

Archive product: Do not use in new constructions!

Fitting type

T-plug connector, reducing

Compressed air connection type

Push-in fitting

Port G

Ø1/4

Compressed air connection type 2

Push-in fitting

Port D

Ø5/32

Type

QR1-S-RTR

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

0.009 kg

Material

Housing material

Polyamide

Seal material

Acrylonitrile butadiene rubber

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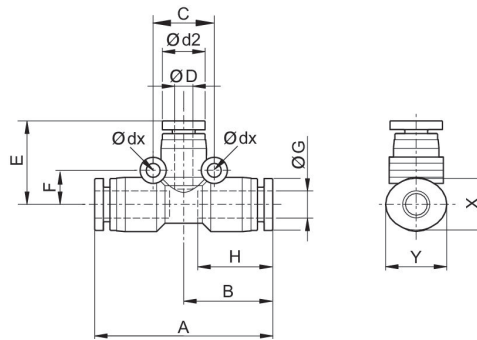
Material tooth lock washer	Stainless Steel
Material release ring	Polyamide
Material release ring holder	Die cast zinc
	Brass
Surface release ring holder	nickel-plated
Part No.	R432003253

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	d2	A	B	H	E	X	Y
R432003253	Ø5/32	Ø1/4	0.41	1.6	0.8	0.67	0.75	0.47	0.55
R432003254	Ø5/32	Ø5/16	0.41	1.79	0.89	0.73	0.83	0.55	0.63
R432003256	Ø1/4	Ø3/8	0.49	2.05	1.03	0.83	1	0.67	0.75
R432003257	Ø5/16	Ø3/8	0.57	2.05	1.03	0.83	0.92	0.67	0.75
R432003259	Ø3/8	Ø1/2	0.69	2.3	1.15	0.89	1.07	0.83	0.9