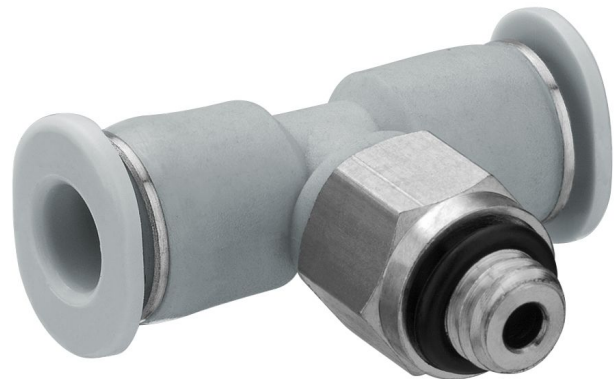


AVENTICS Series QR1 Fittings

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-union

Compressed air connection type

External thread

Port G

10-32 UNF

Compressed air connection type 2

Push-in fitting

Port D

Ø5/32

Type

QR1-S-MTT

Min. working pressure

-0.95 bar

Max. working pressure

10 bar

Min. ambient temperature

0 °C

Max. ambient temperature

60 °C

Delivery quantity

25 piece

Weight

0.005 kg

Material

Surface

nickel-plated

Housing material

Polybutyleneterephthalate

Series QR1-S-MTT Mini

R432000344

Series QR1

2026-03-05

Seal material	Acrylonitrile butadiene rubber
Material tooth lock washer	Stainless Steel
Material release ring	Polyoxymethylene
Material release ring holder	Die cast zinc
	Brass
Surface release ring holder	nickel-plated
Material thread	Brass
Surface thread	nickel-plated
Part No.	R432000344

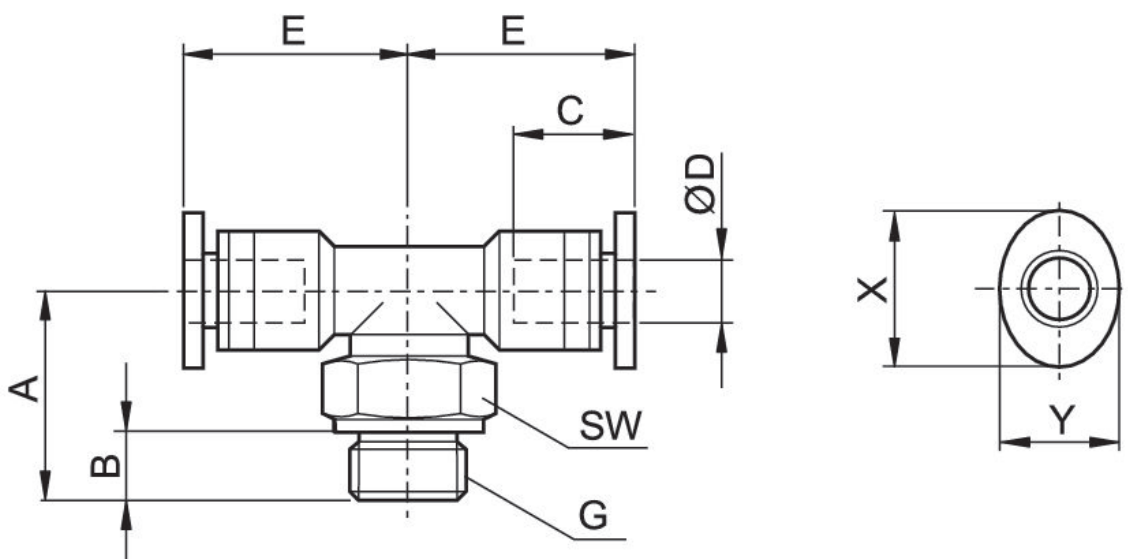
Technical information

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

Thread seal with captive O-ring

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	E	SW	X	Y
R432000342	Ø1/8	10-32 UNF	0.98	0.14	0.36	0.52	5/16	0.28	0.24
R432000341	Ø1/8	1/8 NPT	1.06	0.32	0.36	0.52	13/32	0.28	0.24
R432000344	Ø5/32	10-32 UNF	0.98	0.14	0.46	0.62	5/16	0.39	0.32
R432000343	Ø5/32	1/8 NPT	1.03	0.32	0.46	0.62	13/32	0.39	0.32
R432000340	Ø1/4	10-32 UNF	1.02	0.14	0.47	0.65	5/16	0.47	0.39
R432000339	Ø1/4	1/8 NPT	1.18	0.32	0.47	0.65	13/32	0.47	0.39