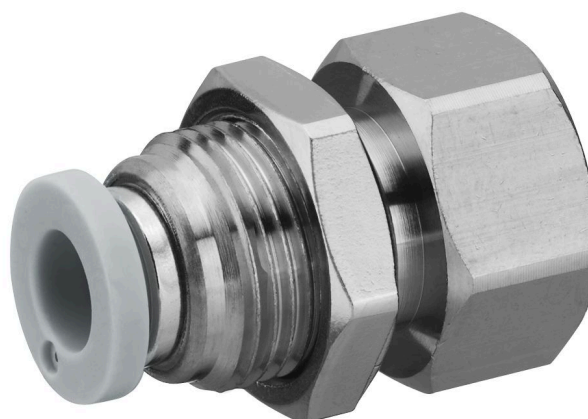


# QR1-S-RSI standard series

R432000143

General series information  
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	Bulkhead connector
Compressed air connection type	Internal thread
Port G	1/4 NPT
Compressed air connection type 2	push-in fitting
Port D	Ø1/4
Type	QR1-S-RSI
Working pressure min.	-0.95 bar
Working pressure max	10 bar
Min. ambient temperature	0 °C
Max. ambient temperature	60 °C
Delivery unit	10 piece
Weight	0.032 kg

## Material

Surface	nickel-plated
Housing material	Brass
Surface housing	nickel-plated

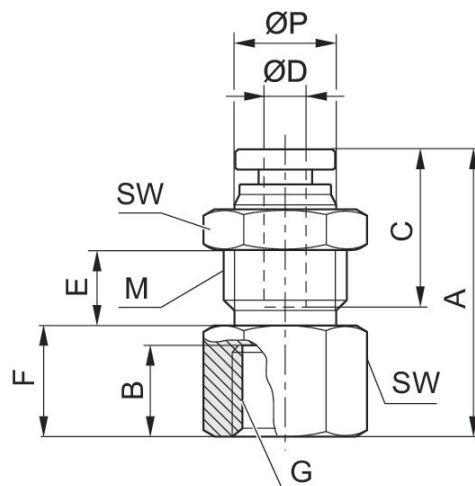
Seal material	Acrylonitrile butadiene rubber
Material tooth lock washer	Stainless Steel
Material release ring	Polyoxymethylene
Material release ring holder	Die cast zinc Brass
Surface release ring holder	nickel-plated
Material thread	Brass
Surface thread	nickel-plated
Part No.	R432000143

### 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	M	A	B	C	E	F	SW
R432000144	Ø1/4	1/8 NPT	9/16 UNF	1.08	0.36	0.67	0.25	0.35	11/16
R432000143	Ø1/4	1/4 NPT	9/16 UNF	1.26	0.47	0.67	0.25	0.53	11/16
R432000147	Ø5/16	1/4 NPT	5/8 UNF	1.41	0.47	0.73	0.33	0.55	3/4
R432000145	Ø 3/8	1/4 NPT	7/8 UNF	1.4	0.47	0.83	0.23	0.55	1
R432000149	Ø5/16	3/8 NPT	5/8 UNF	1.45	0.51	0.73	0.33	0.59	3/4
R432000146	Ø 3/8	3/8 NPT	7/8 UNF	1.44	0.51	0.83	0.23	0.59	1
R432000142	Ø1/2	3/8 NPT	7/8 UNF	1.52	0.51	0.89	0.34	0.59	1

Part No.	Ø P
R432000144	0.47
R432000143	0.47

Part No.	Ø P
R432000147	0.55
R432000145	0.67
R432000149	0.55
R432000146	0.67
R432000142	0.8