

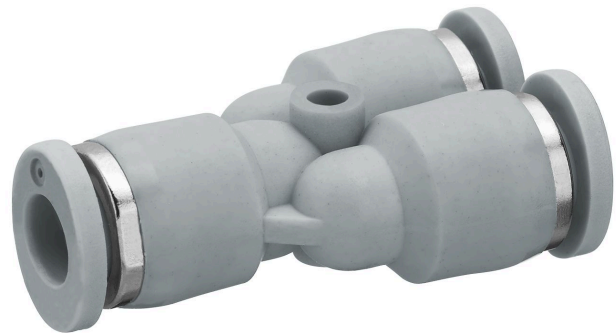
# QR1-S-RYR standard series

R432000273

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

Y-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-RYR

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

0.014 kg

## Material

Housing material

Polyamide

Seal material

Acrylonitrile butadiene rubber

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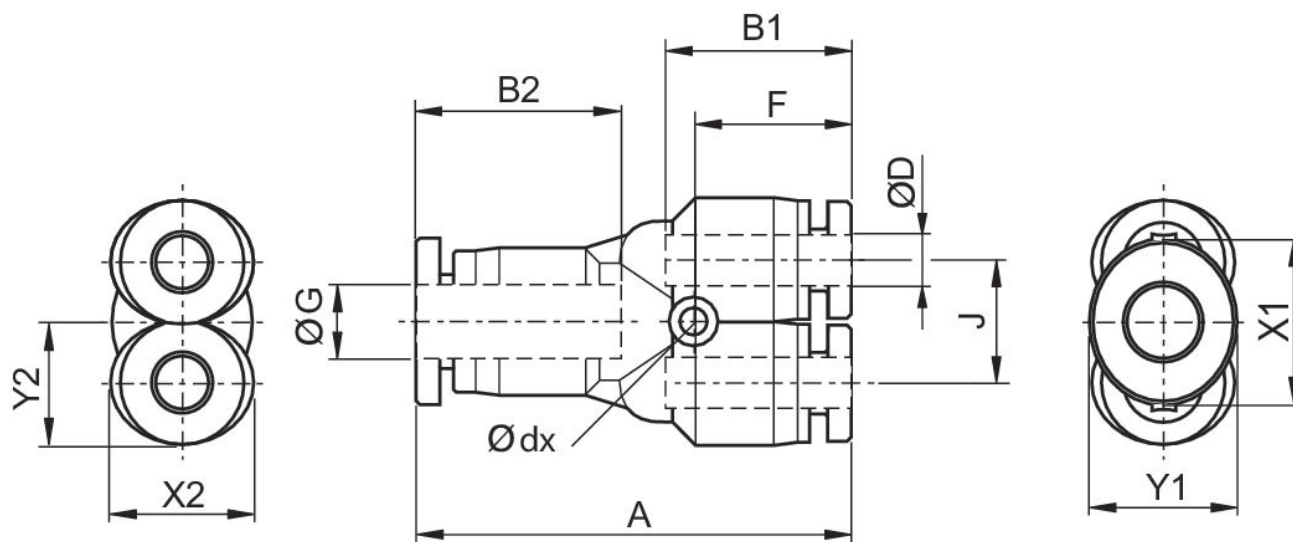
|                              |                 |
|------------------------------|-----------------|
| Material tooth lock washer   | Stainless Steel |
| Material release ring        | Polyamide       |
| Material release ring holder | Die cast zinc   |
|                              | Brass           |
| Surface release ring holder  | nickel-plated   |
| Part No.                     | R432000273      |

## 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    | B1   | B2   | J    | X1   | X2   | Y1   | Y2   |
|-------------------|--------|--------|------|------|------|------|------|------|------|------|
| R432000271        | Ø3/8   | Ø1/2   | 2.12 | 0.83 | 0.89 | 0.71 | 0.91 | 0.75 | 0.83 | 0.67 |
| R432000272        | Ø1/4   | Ø5/16  | 1.6  | 0.67 | 0.73 | 0.47 | 0.63 | 0.55 | 0.55 | 0.47 |
| <b>R432000273</b> | Ø5/32  | Ø1/4   | 1.45 | 0.67 | 0.67 | 0.42 | 0.55 | 0.47 | 0.47 | 0.39 |
| R432000274        | Ø1/4   | Ø3/8   | 1.95 | 0.69 | 0.76 | 0.71 | 0.75 | 0.55 | 0.67 | 0.47 |
| R432000276        | Ø5/16  | Ø3/8   | 1.95 | 0.73 | 0.83 | 0.55 | 0.75 | 0.63 | 0.67 | 0.55 |