

ARD-TR-004

Cryogenic quick coupling



A quick coupling in two published stainless steel material variants.

These size and pressure ranges are subject to technical confirmation. They are not verified availability or approved operating limits. Exact size, rating, materials and design temperature require written confirmation.

Product illustration. Appearance and dimensions depend on the selected configuration.

Selection	Specification
Size range	DN 25-50
Pressure ratings	PN16 / PN25 / PN40
Temperature	-196 to +60°C
Connections	Quick coupling
Medium	O2, N2, Ar, CO2, NG

Available dimensional data: DN 40; 4.0 MPa. Other sizes and ratings require technical confirmation.

Define your requirement

Specify medium, design pressure and temperature, nominal size, connection standard, operation, quantity and required inspection documentation.

View this product and request a quotation

This catalogue datasheet supports selection and enquiry. It is not a certified pressure-temperature curve, installation drawing or order-specific approval.

Technical specification

Parameter	Specification
Size range	DN 25-50
Pressure ratings	PN16 / PN25 / PN40
End connections	Quick coupling
Temperature range	-196 to +60°C
Medium	O2, N2, Ar, CO2, NG

End connections

Illustrated arrangement: Quick-connect mating mechanism; pipe-side termination is not specified on the product page.

Connection detail	Selection requirement
Published connection	Quick-connect interface; pipe-side termination not published
Connection standard	Not specified on this product page. Confirm the mating standard with the offer.

Materials

Component	Material / option
Body / variant	CF8
Body / variant	06Cr19Ni10

Selection notes

These size and pressure ranges are subject to technical confirmation. They are not verified availability or approved operating limits. Exact size, rating, materials and design temperature require written confirmation.

Two material variants are published: CF8 and 06Cr19Ni10. Specify the required variant; no separate numeric dimension table is published.

Available dimensional data: DN 40; 4.0 MPa. Other sizes and ratings require technical confirmation.

PN, ASME Class and safety-valve set pressure are separate values. Confirm allowable pressure versus temperature, material compatibility, oxygen cleaning, trapped-liquid relief and required certification for the selected assembly. Liquid hydrogen and helium service require a separate assessment.