

AJ730RC

Catalog-based product reference

A one-stop reducing grooved coupling for joining different pipe sizes. This reference pack covers the five one-stop O.D. combinations published in the catalog.

Published table scope · 5 one-stop O.D. combinations

KS O.D. series · DN 32×25 · 40×32 · 50×40 · 65×50

ANSI O.D. series · NPS 2½×2 · 73.0×60.3 mm

Catalog maximum working pressure · 21 kgf/cm²

Catalog materials & finish

Housing: ductile iron, GCD450

Gasket: EPDM

Bolts and nuts: carbon steel for machine structural use

Finish: epoxy coating

Select the actual outside diameter of each pipe. Dual nominal-size labels do not establish compatibility with every ANSI O.D. General-type couplings and unlisted combinations require separate specification review.

A selection reference compiled from the public catalog. It is not a certificate or a complete installation manual. Confirm pressure, fluid, temperature, pipe wall, gasket and approval scope for the exact model and size.

2026 grooved piping catalog · PDF page 10 · See the tables and catalog reference on the following pages.

[Product, specifications & RFQ ↗](#)

[Installation readiness guide ↗](#)

AJ730RC • Reducing

2026 grooved piping catalog · original

Nominal size DN / inch	Pipe O.D. combination (mm)	Max. working pressure (kgf/cm²)	A (mm)	B (mm)	C (mm)	Bolt Φ × L	Wrench (mm)	Source PDF page
32x25 / 1.1/4x1	42.7x34.0	21	66	104.5	46	M10X55	17	10
40x32 / 1.1/2x1.1/4	48.6x42.7	21	71	111.6	46	M10X55	17	10
50x40 / 2x1.1/2	60.5x48.6	21	87	125	46	M10X55	17	10
65x50	76.3x60.5	21	101	145.2	46	M10X65	17	10
2.1/2x2	73.0x60.3	21	98	145.2	46	M10X65	17	10

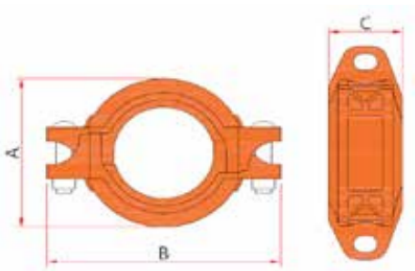
Catalog values do not establish design suitability or stock availability. Asterisks preserve source notation. Refer to the original below for drawing symbols and notes.

Original catalog reference

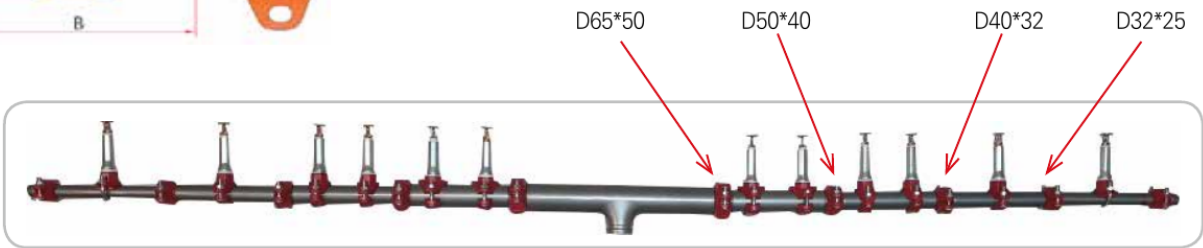
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One-Stop Reducing Joint : AJ730RC

- Joint mat'l : Ductile iron (GCD450)
- Gasket mat'l : EPDM
- Bolt/Nut mat'l : CS for machine structural use
- Paint : Epoxy coat



Size DN Inch	Pipe O.D. (mm)	Max. Working Pressure (kgf/cm2)	Dimensions(mm)			Bolt Size (Φ X L)	Wrench Size (mm)
			A	B	C		
32x25 1.1/4x1	42.7x34.0	21	66	104.5	46	M10 X 55	17
40x32 1.1/2x1.1/4	48.6x42.7	21	71	111.6	46	M10 X 55	17
50x40 2x1.1/2	60.5x48.6	21	87	125	46	M10 X 55	17
65x50	76.3x60.5	21	101	145.2	46	M10 X 65	17
2.1/2x2	73.0x60.3	21	98	145.2	46	M10 X 65	17



Assembled products