

ZEROVAC ISO-KF RAPID FASTENING CLAMP

Vacuum Components / ISO-KF Vacuum Fittings



DN 10-16 • DN 20-25 • DN 32-40

■ 3 SIZE GROUPS

Three ISO-KF connection options from DN 10-16 through DN 32-40.

■ ALUMINIUM 380.0

Two-piece clamp halves manufactured from Aluminium alloy 380.0.

■ STEEL SPRING / POLYAMIDE LEVER

The standard model uses a steel spring and polyamide lever.

ISO-KF Rapid Fastening Clamp

The ZEROVAC ISO-KF rapid fastening clamp is a compact connector designed to join two compatible ISO-KF flanges with the correct centering ring and seal. Aluminium 380.0 clamp halves engage the flange lips, while the mechanism with its steel spring and polyamide lever enables rapid opening and closing. The product is available in three ISO-KF size groups.

Advantages

- Rapid opening and closing with the lever mechanism
- Compact two-piece construction engaging the flange lips
- Design aligned with ISO 2861/1, DIN 28403 and Pneurop 6606
- ISO-KF connection family specified below 1×10^{-9} mbar·L/s
- Product family compliant with 2011/65/EU RoHS

Applications

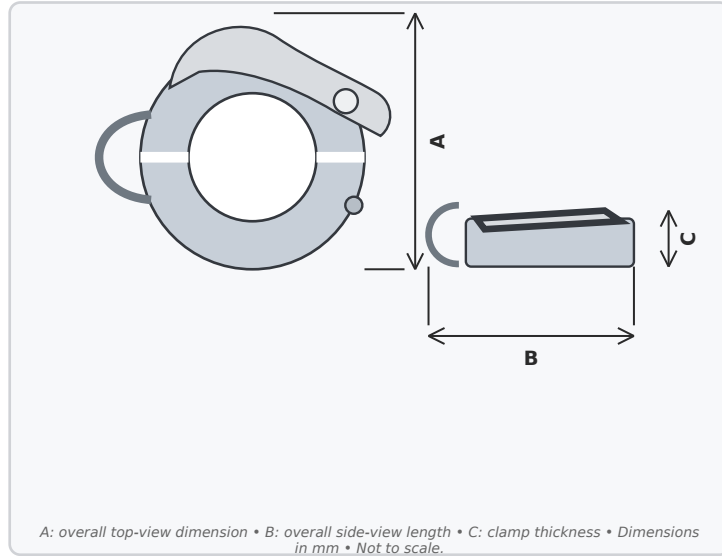
- Connections between vacuum pumps and vacuum chambers
- Removable ISO-KF process lines
- Test rigs and R&D vacuum systems
- OEM machinery and process equipment
- Laboratory and industrial vacuum installations

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Technical Dimensions and Ordering Information



Product Summary

Connection standard	ISO-KF
Size range	DN 10-16 - DN 32-40
Clamp halves	Aluminium 380.0
Spring / lever	Steel / Polyamide
Maximum temperature	80 °C

Dimensions and Ordering Codes

ISO-KF	Dimensions (mm)			Ordering Code
	A	B	C	
DN 10-16	52	70	16	211-005
DN 20-25	61	81	16	211-006
DN 32-40	75	98	18	211-007

A/B/C values are official product dimensions; no tolerances are published. The maximum temperature is 80 °C. Clamp halves are Aluminium 380.0, the spring is steel and the lever is polyamide.

Installation Note: Align the correctly sized centering ring and seal between the two flanges. Seat the clamp fully on the flange lips and close the polyamide lever completely. After assembly, confirm that the clamp is seated evenly. No tightening torque is published; the clamp does not replace the seal.

