

ZEROVAC ISO-KF CLAMPING RING WITH WING NUT

Vacuum Components / ISO-KF Vacuum Fittings



DN 10-16 • DN 20-25 • DN 32-40 • DN 50

■ 4 SIZE GROUPS

Four ISO-KF connection options from DN 10-16 through DN 50.

■ ALUMINIUM 380.0

Two-piece clamping-ring halves made from Aluminium alloy 380.0.

■ TOOL-FREE TIGHTENING

Nickel-plated zinc-alloy wing nut enables convenient hand tightening.

ISO-KF Clamping Ring with Wing Nut

The ZEROVAC ISO-KF clamping ring with wing nut is a two-piece mechanical connector designed to join two compatible ISO-KF flanges with the correct centering ring and seal. Aluminium alloy 380.0 clamp halves engage the flange lips, while the nickel-plated steel bolt and nickel-plated zinc-alloy wing nut allow tool-free hand tightening. Four ISO-KF size groups are available.

Advantages

- Two-piece clamp construction engaging the flange lips
- Wing nut for quick, tool-free hand tightening
- 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

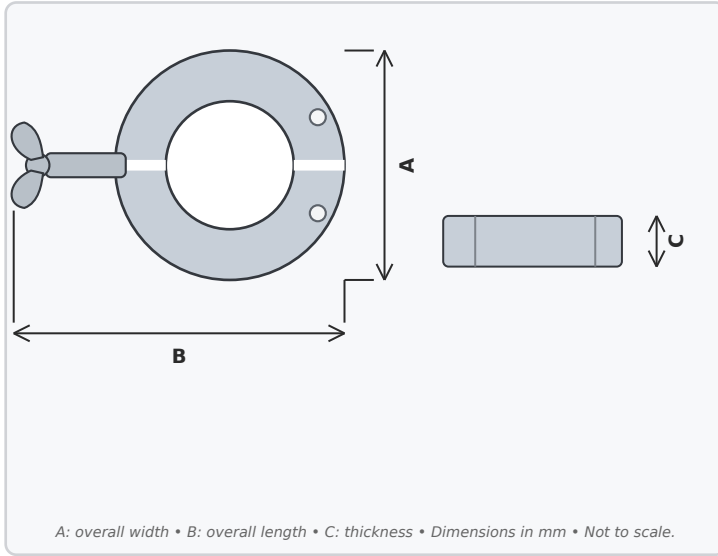
- Connections between vacuum pumps and vacuum chambers
- Removable ISO-KF process lines
- Test rigs and R&D vacuum systems
- OEM machinery and process equipment
- Laboratory and industrial vacuum installations

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Technical Dimensions and Ordering Information



Product Summary

Connection standard	ISO-KF
Size range	DN 10-16 - DN 50
Clamp halves	Aluminium 380.0
Bolt	Nickel-plated steel
Wing nut	Nickel-plated zinc alloy

Dimensions and Ordering Codes

ISO-KF	Dimensions (mm)			Ordering Code
	A	B	C	
DN 10-16	45	61	16	211-001
DN 20-25	55	72	16	211-002
DN 32-40	70	90	18	211-003
DN 50	95	123	25	211-004

A/B/C values are official product dimensions; no tolerances are published. Clamp halves are Aluminium alloy 380.0; the bolt is nickel-plated steel and the wing nut is nickel-plated zinc alloy.

Installation Note: Align the correctly sized centering ring and seal between the flanges. Seat both clamp halves fully on the flange lips and hand-tighten the wing nut. No tightening torque is published; follow the approved assembly instruction, do not use tools and avoid overtightening. The clamp does not replace the seal.

