

ZEROVAC ISO-KF BULKHEAD CLAMP WITH METRIC SCREWS

Vacuum Components / ISO-KF Vacuum Fittings



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

■ 4 SIZE GROUPS

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

■ ALUMINIUM 6082

Lightweight, precision-machined two-piece Aluminium 6082 clamp body.

■ METRIC HARDWARE

A2 DIN 933 M5 × 20 hex-head screws with DIN 125 A washers.

ISO-KF Bulkhead Clamp with Metric Screws

The ZEROVAC ISO-KF bulkhead clamp is a two-piece fitting designed to secure an ISO-KF flange mechanically to a panel or base plate. Aluminium 6082 clamp halves are used with A2 M5 × 20 hex-head screws and DIN 125 A washers. Four size groups are available: DN 10-16, DN 20-25, DN 32-40 and DN 50.

Advantages

- Two-piece design for direct positioning around the flange
- Product family covering four ISO-KF size groups
- Common DIN 933 A2 M5 × 20 screw specification
- Use aligned with ISO 2861/1, DIN 28403 and Pneurop 6606 systems
- Product family compliant with 2011/65/EU RoHS

Applications

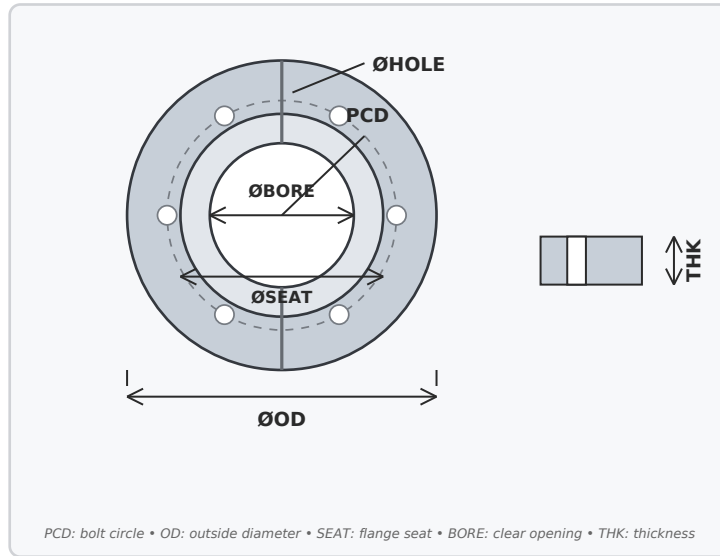
- Mounting ISO-KF flanges to panels and base plates
- Panel interfaces on vacuum chambers and manifolds
- Test rigs and R&D vacuum systems
- OEM machinery and process equipment
- Laboratory and industrial vacuum installations

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Technical Dimensions and Ordering Information



Product Summary

Connection standard	ISO-KF
Clamp material	Aluminium 6082
Screw	DIN 933, A2, M5 × 20, silver-plated
Washer	DIN 125 A, A2
Washer dimensions	5.3 / 10 × 1 mm

Dimensions and Ordering Codes

ISO-KF	Dimensions (mm)						Screw Qty.	Ordering Code
	PCD	ØOD	ØSeat	ØBore	Thk.	ØHole		
DN 10-16	38.1	51	30.4	22	9.5	5.3	6	211541
DN 20-25	48	61	40.4	32	9.5	5.3	6	211542
DN 32-40	62	75	55.4	47	9.5	5.3	6	211543
DN 50	82.55	95	75.4	62	10	5.3	8	211544

Named dimensions reconcile the current product page, legacy datasheet and official CAD data; no tolerances are published. Verify an approved drawing before machining.

Installation Note: Align the clamp halves around the flange and tighten the screws with washers gradually in a balanced sequence. No published tightening torque is available; define it for the application. The clamp does not replace the ISO-KF seal.

