

Metric O-Rings

Metric-series O-rings for European and imported equipment.

Metric O-rings are sized in millimetres for European, Asian and imported equipment. The range covers metric ID and cross-section combinations in NBR and FKM, with dimensions verified against ISO 3601 tolerance classes.

KEY FEATURES

- Metric ID and cross-section sizes
- ISO 3601 tolerance classes
- NBR and FKM compounds
- Suitable for imported equipment

SPECIFICATION

ITEM	VALUE
Size range	5–500 mm ID
Cross-section	1.5–8.0 mm
Hardness	70A / 90A
Temperature	-30 to 200 °C (material dependent)
Standards	ISO 3601, DIN 3771
Traceability	Batch certificate on request

STANDARDS AND MATERIALS

Standards: ISO 3601; ASTM D2000; DIN 3771.

Materials: NBR; FKM.

ORDERING RANGE

Representative configurations. The full size, material and connection range is confirmed on the order acknowledgement.

ID × CS	MATERIAL	HARDNESS	TEMPERATURE	PART NUMBER
20 × 2.5 mm	NBR	70A	-30 to 100 °C	BGI-ORM-020-25-N70
50 × 3.0 mm	FKM	70A	-20 to 200 °C	BGI-ORM-050-30-F70
100 × 3.5 mm	NBR	70A	-30 to 100 °C	BGI-ORM-100-35-N70
200 × 5.0 mm	FKM	90A	-20 to 200 °C	BGI-ORM-200-50-F90

APPLICATIONS

- Imported machinery
- European process equipment
- Automotive tooling
- General sealing

ORDERING NOTES

Confirm size, pressure class, facing or connection, material and quantity when ordering. For critical service, include the project specification, NDE requirements and documentation package. Alternative materials, coatings, tappings and special dimensions are quoted on request.

Range: O-Rings & Seals. Document reference: DS-METRIC-O-RINGS · Rev. 04.

Ordering and technical support

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Quotations are prepared against the released specification. Certified drawings are issued with the order.