

Bonded Washer

Rubber-bonded metal washer for sealing threaded fasteners and ports.

Bonded washers combine a metal backing with a rubber sealing face. They seal bolt heads, threaded ports and access covers while distributing clamp load, and are used in hydraulic, pneumatic and automotive assemblies.

KEY FEATURES

- Metal backing with bonded rubber face
- Seals under bolt heads and ports
- Distributes clamp load
- NBR and EPDM options

SPECIFICATION

ITEM	VALUE
Thread range	M6–M20
Outside diameter	14–38 mm
Sealing face	NBR or EPDM
Temperature	-40 to 150 °C
Backing	Zinc-plated steel
Standard	ASTM D2000

STANDARDS AND MATERIALS

Standards: ASTM D2000; ISO 3302; Manufacturer standard.

Materials: Steel / NBR; Steel / EPDM.

ORDERING RANGE

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

THREAD	OD	MATERIAL	TEMPERATURE	PART NUMBER
M8	18 mm	Steel/NBR	-30 to 120 °C	BGI-BW-M08-NBR
M10	22 mm	Steel/NBR	-30 to 120 °C	BGI-BW-M10-NBR
M12	26 mm	Steel/EPDM	-40 to 150 °C	BGI-BW-M12-EPDM
M16	32 mm	Steel/EPDM	-40 to 150 °C	BGI-BW-M16-EPDM

APPLICATIONS

- Hydraulic ports
- Pneumatic assemblies
- Automotive components
- Access covers

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-BONDED-WASHER · Rev. 04.

Ordering and technical support

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