

Halbrundprofil 45x45 HR M12/M12, Aluminium eloxiert, 1 offene Nut - Bosch Rexroth 3842992999

Item no. BRR-3842992999

Manufacturer Bosch Rexroth

Extruded anodized aluminum half-round profile, cross-section 45x45 HR with M12/M12 connection geometry and one open slot (slot width 10 mm). Cut to length from 110 mm to 6000 mm. Designed for clean edge finishes on frames, enclosures, and guarding in the 45 mm Rexroth modular system.

TECHNICAL DATA

Ausführungsklasse **TEC**

Country of Manufacture **Germany**

Hinweis **Gemäß der aktuellen Preisstruktur werden für Bestellungen von Profilen mit einer Länge von 1500 mm zusätzliche Kosten in Höhe von 80,00 Euro berechnet.**

Weight **0.1 kg**

Zolltarifnummer **76109090**



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DESCRIPTION

The Half-Round Profile 45x45 HR M12/M12 is an anodized aluminum structural member in the Bosch Rexroth 45 mm modular profile system. Its semicircular cross-section geometry creates flush, visually neat outer edges on frames, machine enclosures, and panel surrounds - eliminating exposed corners while maintaining full compatibility with standard Rexroth connection hardware via the M12/M12 interface.

- Semicircular 45x45 HR cross-section for clean, corner-free outer edges on assemblies
- One open slot (10 mm width) for connectors, brackets, and add-on components
- Cut-to-length flexibility: 110 mm to 6000 mm, supplied as single pieces
- Anodized aluminum (natural color) - corrosion-resistant with a durable surface finish
- Optimized cross-section geometry delivers solid bending and torsional stiffness

TECHNICAL DATA

Property	Value
Cross-section	45x45 HR
Profile type	Semicircular
Modular dimension	45 mm
Open slots	1
Profile slot width	10 mm

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Property	Value
Length min.	110 mm
Length max.	6000 mm
Mass	1.8 kg/m
Profile surface (A)	6.6 cm ²
Area moment of inertia I _x	11 cm ⁴
Area moment of inertia I _y	10.7 cm ⁴
Moment of resistance W _x	4.4 cm ³
Moment of resistance W _y	4.8 cm ³
Torsional moment of inertia I _t	7.6 cm ⁴
Moment of torsion resistance W _t	3.4 cm ³
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece
Recommended accessories	Cover cap 45x45 HR signal gray, Cover cap 45x45 HR black