

Halbrundprofil 45x45 HR M12, Aluminium eloxiert, Nut 10, 60-6000 mm - Bosch Rexroth 3842993001

Item no. BRR-3842993001

Manufacturer Bosch Rexroth

Semicircular aluminum profile for the Rexroth 45 mm modular assembly system. A single open slot (size 10) accepts standard connectors, brackets, and cover caps from the Rexroth accessory range. Cut to length from 60 mm to 6000 mm; anodized natural finish for lasting corrosion resistance.

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 45x45 HR M12 half-round profile provides a semicircular cross-section element for the Bosch Rexroth modular assembly system. Its anodized aluminum surface (natural) delivers corrosion resistance without additional treatment, and the single longitudinal slot (slot size 10, modular dimension 45 mm) accepts the full range of standard Rexroth connectors, angles, and accessories. Cut-to-length ordering from 60 mm to 6000 mm avoids waste and reduces on-site machining.

- Semicircular profile for closures, transitions, and design elements within the 45 mm grid system
- Anodized aluminum - corrosion-resistant surface, no secondary coating required
- One open slot (size 10) for standard connectors and 45-series accessories
- Cut-to-length from 60 mm to 6000 mm - exact lengths delivered, minimal rework
- Profile surface 6.6 cm², mass 1.8 kg/m - lightweight with good structural stiffness

TECHNICAL DATA

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

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Page 1/2

Property	Value
Length min (L min)	60 mm
Length max (L max)	6000 mm
Material	Aluminum, anodized
Color	Natural
Profile surface (A)	6.6 cm ²
Mass (m)	1.8 kg/m
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
Packaging unit	1
Recommended accessories	Cover cap 45x45 HR signal gray, Cover cap 45x45 HR black