

Halbrundprofil 45x45 HR M12/M12, 1000 mm - Bosch Rexroth 3842992999-1000

Item no. BRR-3842992999-1000

Manufacturer Bosch Rexroth

Anodized aluminum half-round structural profile with a 45x45 HR cross-section and a single slot (size 10) for M12 connections at both ends. The 45 mm modular dimension ensures direct compatibility with the full Bosch Rexroth 45-series assembly system. Supplied at 1000 mm; can be cut to length between 110 mm and 6000 mm.

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	0.0099 kg
Zolltarifnummer	76109090



DESCRIPTION

The Half-Round Profile 45x45 HR M12/M12 is an anodized aluminum structural member for the Bosch Rexroth assembly system. Its semicircular profile type suits ergonomic panel edges, guard housings, and operator-facing surfaces where sharp corners must be avoided. The standard 1000 mm length covers most framing applications and can be cut to any length from 110 mm to 6000 mm.

- Anodized aluminum in natural finish - corrosion-resistant and lightweight
- One open slot (slot size 10) accepts standard Bosch Rexroth connectors and fasteners
- M12 threads at both face ends for direct bolted connections without extra machining
- 45 mm modular dimension - fully compatible with the Bosch Rexroth 45-series profile system
- Recommended accessories: Cover Cap 45x45 HR in signal gray or black

TECHNICAL DATA

Property	Value
Cross-section	45x45 HR
Profile type	Semicircular
Modular dimension	45 mm
Length (this version)	1000 mm
Length min / max	110 mm / 6000 mm
Open slots	1

Property	Value
Slot size	10
Face-end connections	M12 / M12
Material	Aluminum, anodized
Color	Natural
Mass [m]	1.8 kg
Profile surface [A]	6.6 cm ²
Area moment of inertia [Ix]	11 cm ⁴
Area moment of inertia [Iy]	10.7 cm ⁴
Moment of resistance [Wx]	4.4 cm ³
Moment of resistance [Wy]	4.8 cm ³
Torsional moment of inertia [It]	7.6 cm ⁴
Moment of torsion resistance [Wt]	3.4 cm ³
Packaging unit	1 piece