

Half-Round Profile 45x45 HR, Anodized Aluminum, Length 50-6070 mm - Bosch Rexroth 3842992945

Item no. BRR-3842992945

Manufacturer Bosch Rexroth

Extruded anodized aluminum half-round profile in the 45x45 HR cross-section for the Bosch Rexroth strut profile system. One open profile slot (slot 10, 45 mm modular dimension) accepts standard connectors and fixings. Supplied cut to length between 50 mm and 6070 mm - suited to custom frames, guards, and operator panels with smooth, low-snag edges.

TECHNICAL DATA

Ausführungsklasse **TEC**

Country of Manufacture **Germany**

HS-Code **76042100**

Note **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**


31426

DESCRIPTION

The 45x45 HR half-round profile in anodized aluminum adds a single-sided rounded form to the Bosch Rexroth profile system. The smooth convex face reduces injury risk at exposed edges of machine guards, protective enclosures, and control panels, while the flat side retains full compatibility with the 45 mm modular grid via one standard profile slot.

- 45x45 HR cross-section, semicircular profile type - rounded outer face for safe, low-snag edges
- 1 open slot (slot 10, 45 mm modular dimension) - accepts all standard system connectors and fixings
- Anodized aluminum, natural color - corrosion-resistant, hard-anodized surface
- Variable length 50-6070 mm, cut-to-length pricing - no need to stock standard lengths
- Linear mass 1.8 kg/m, profile surface area 6.6 cm²

TECHNICAL DATA

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

Property	Value
Profile slot	Slot 10
Length min (L min)	50 mm
Length max (L max)	6070 mm
Material	Aluminum, anodized
Color	Natural
Mass (m)	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
Packaging unit	1 piece
Recommended accessories	Cover cap 45x45 HR signal gray, Cover cap 45x45 HR black