

Strebenprofil 45x45L M12/M12, Aluminium eloxiert, 4 offene Nuten - Bosch Rexroth 3842992427

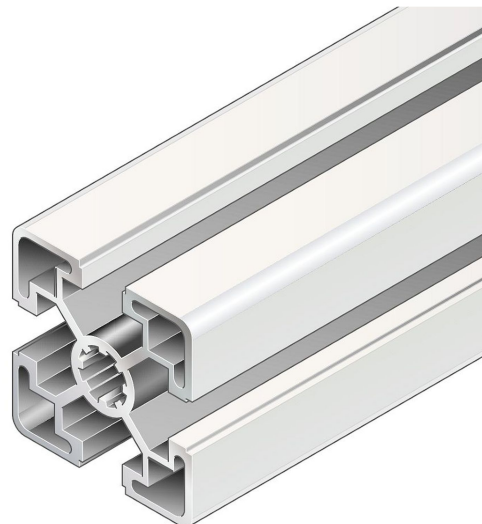
Item no. BRR-3842992427

Manufacturer Bosch Rexroth

Strut profile with 45x45L cross-section and M12 threads at both ends, made from anodized aluminum. Four open slots on a 45 mm modular grid allow connections in any direction. Cut to length between 110 mm and 6000 mm; supplied per piece.

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	76169990



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DESCRIPTION

The Bosch Rexroth strut profile 45x45L M12/M12 is a standard anodized aluminum profile for assembly technology, guarding, and conveyor system structures. M12 threads at both ends and four open slots on a 45 mm grid allow direct integration into existing Rexroth profile systems without secondary machining.

- Four open slots for unrestricted connections in all spatial directions
- M12 threads at both ends for direct bolted joints with no additional drilling
- Anodized aluminum surface - corrosion-resistant, dimensionally stable, natural color
- Cut to any length from 110 mm to 6000 mm; mass 1.6 kg/m
- Profile surface 6 cm², area moment of inertia $I_x = I_y = 11.7 \text{ cm}^4$ for symmetric load capacity in both axes

TECHNICAL DATA

Property	Value
Cross-section	45x45L
Dimensions	45x45 mm
Modular dimension	45 mm
Profile slot	10
Open slots	4

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Property	Value
Profile type	Standard
Length min (L min)	110 mm
Length max (L max)	6000 mm
Material	Aluminum, anodized
Color	Natural
Mass (m)	1.6 kg/m
Profile surface (A)	6 cm ²
Area moment of inertia I _x	11.7 cm ⁴
Area moment of inertia I _y	11.7 cm ⁴
Moment of resistance W _x	5.2 cm ³
Moment of resistance W _y	5.2 cm ³
Torsional moment of inertia (I _t)	1.46 cm ⁴
Moment of torsion resistance (W _t)	0.75 cm ³
Packaging unit	1 piece