

Strebenprofil 45x45L M12/D17, Aluminium eloxiert, 4 Nuten, Zuschnitt 90-6000 mm - Bosch Rexroth 3842992960

Item no. BRR-3842992960

Manufacturer Bosch Rexroth

Standard 45x45L strut profile with M12/D17 connection geometry, made from anodized aluminum for assembly systems, machine frames, and conveyor structures. Four open slots (10 mm slot width, 45 mm modular dimension) allow connections on all sides. Available cut-to-length from 90 to 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	0.1 kg
Zolltarifnummer	76169990



DESCRIPTION

The 45x45L strut profile (article 3842992960) is a standard anodized aluminum profile for the Bosch Rexroth profile system, used as a structural element in assembly frames, machine enclosures, workpiece carriers, and conveyor structures. Profiles are cut to the specified length and delivered ready for installation.

- Four open slots (10 mm width) on all sides for maximum connection flexibility without repositioning
- Symmetric 45x45 cross-section with equal area moments of inertia in both axes ($I_x = I_y = 11.7 \text{ cm}^4$) for uniform load distribution
- M12/D17 connection geometry for system-compatible fastening with Bosch Rexroth connectors and accessories
- Anodized surface provides lasting protection against corrosion and mechanical wear
- Cut-to-length from 90 to 6000 mm, packaging unit 1 piece

TECHNICAL DATA

Property	Value
Cross-section	45x45L
Dimensions	45 x 45 mm

Property	Value
Modular dimension	45 mm
Open slots	4
Profile slot width	10 mm
Profile type	Standard
Connection geometry	M12/D17
Material	Aluminum, anodized
Color	Natural
Length min.	90 mm
Length max.	6000 mm
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