

Strebenprofil 60x60L M12, 1000 mm, Aluminium eloxiert, 4 offene Nuten - Bosch Rexroth 3842992444-1000

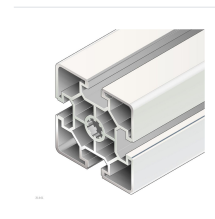
Item no. BRR-3842992444-1000 **Manufacturer** Bosch Rexroth

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Anodized aluminum strut profile with 60x60 L-section and M12 center bore, designed for the Bosch Rexroth 60 mm modular system. Four open slots (slot width 10 mm) allow connections and attachments at any position along the profile. Supplied as one piece at 1000 mm; custom lengths available from 60 to 6000 mm.

TECHNICAL DATA

Article authenticity	Original product
Condition of article	New
Country of Manufacture	Germany
ESD-Ausführung	TEC
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	76169990



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Strut Profile 60x60L M12 is an anodized aluminum structural profile for the Bosch Rexroth 60 mm modular system. It serves as the primary load-bearing element in assembly frames, machine guards, and workstation structures. The L cross-section provides higher rigidity than the base profile at the same nominal size.

- 4 open slots (slot width 10 mm) on all sides - connections and accessories can be positioned anywhere along the profile length
- Area moment of inertia $I_x = I_y = 32.4 \text{ cm}^4$, moment of resistance $W_x = W_y = 10.8 \text{ cm}^3$ - symmetric in both axes, simplifies design of loaded frames
- Torsional moment of inertia 13.2 cm^4 , moment of torsion resistance 8.7 cm^3 - sufficient torsional stiffness for cantilevered structures
- Profile surface area 9.6 cm^2 , mass 2.6 kg/m - favorable stiffness-to-weight ratio from anodized aluminum
- Cut-to-length from 60 to 6000 mm; this unit: 1000 mm

Technical data

Property	Value
Cross-section	60x60L
Dimensions	60 x 60 mm
Profile type	Standard
Modular dimension	60 mm
Profile slot	10
Open slots	4
Length (this unit)	1000 mm
Length min / max	60 mm / 6000 mm
Area moment of inertia I_x	32.4 cm^4
Area moment of inertia I_y	32.4 cm^4
Moment of resistance W_x	10.8 cm^3
Moment of resistance W_y	10.8 cm^3
Torsional moment of inertia I_t	13.2 cm^4
Moment of torsion resistance W_t	8.7 cm^3
Profile surface area A	9.6 cm^2
Mass	2.6 kg/m
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece