

Strebenprofil 60x60L, Rastermaß 60 mm, 4 Nuten, Aluminium eloxiert - Bosch Rexroth 3842992446

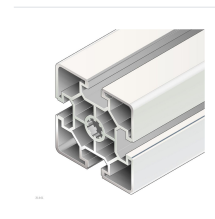
Item no. BRR-3842992446 **Manufacturer** Bosch Rexroth

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Anodized aluminum strut profile with a 60x60L cross-section and four open slots on a 60 mm modular grid. Supplied cut to length from 90 mm to 6000 mm, it serves as the primary structural member for machine frames, workstation systems, and guarding within the Bosch Rexroth profile system. Area moment of inertia I_x/I_y 32.4 cm⁴ delivers equal bending stiffness on both axes.

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	0.1 kg
Zolltarifnummer	76169990



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 60x60L strut profile is an anodized aluminum structural section in the 60 mm modular grid, with four open slots and a symmetric 60x60 mm cross-section. It is the core load-bearing element for machine frames, workstation structures, conveyor systems, and safety guarding in the Bosch Rexroth aluminum profile system. Cut-to-length delivery (90 mm to 6000 mm) eliminates on-site sawing and reduces assembly time.

- Symmetric section: $I_x = I_y = 32.4 \text{ cm}^4$ - identical bending stiffness in X and Y directions, allowing any mounting orientation
- Torsional moment of inertia $I_t = 13.2 \text{ cm}^4$ and torsion resistance $W_t = 8.7 \text{ cm}^3$ for twist-resistant frames
- Profile surface area 9.6 cm^2 , mass 2.6 kg/m - high load capacity at low weight
- 4 open slots (slot width 10 mm) accept connectors and attachments on all four faces without drilling
- Anodized finish (natural color) for corrosion resistance and clean appearance in visible areas
- Length selectable from 90 mm to 6000 mm, packaging unit 1 piece

Technical data

Property	Value
Cross-section	60x60L
Dimensions	60x60 mm
Profile type	Standard
Modular dimension	60 mm
Profile slot	10 mm
Open slots	4
Length min. (L min)	90 mm
Length max. (L max)	6000 mm
Profile surface (A)	9.6 cm^2
Mass (m)	2.6 kg/m
Area moment of inertia X (I_x)	32.4 cm^4
Area moment of inertia Y (I_y)	32.4 cm^4
Moment of resistance X (W_x)	10.8 cm^3
Moment of resistance Y (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
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece
Recommended accessories	Mounting hole plug 60x60 black, Cover cap 60x60 signal gray, Cover cap with hole 60x60 black, Cover cap with hole 60x60 signal gray