

Strebenprofil 90x90 M16 - eloxiertes Aluminium, 8 Nuten, L 60-6000 mm - Bosch Rexroth 3842992373

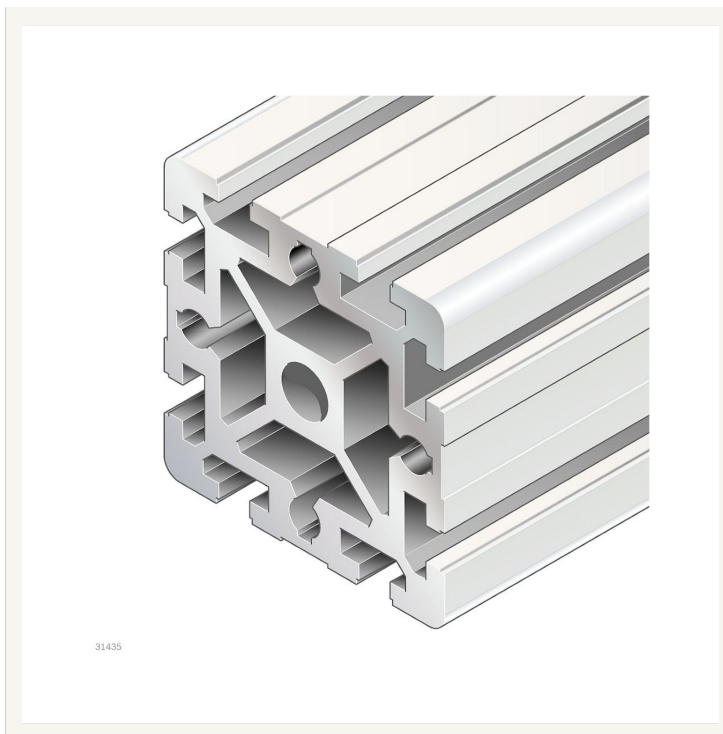
Item no. BRR-3842992373

Manufacturer Bosch Rexroth

Strut profile 90x90 M16 in anodized aluminum for heavy-duty assembly frames, machine enclosures, and conveyor structures. Eight open slots on a 45 mm grid allow connector positioning at any point along the profile. Available cut to length from 60 mm 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 90x90 M16 strut profile is the primary structural element for demanding machine frames, protective enclosures, and material-handling systems built with the Bosch Rexroth profile system. The symmetric 90x90 mm cross-section delivers identical bending stiffness in both axes, making it the right choice for structures loaded equally in X and Y directions.

- 8 open slots with slot size 10 on a 45 mm grid allow connectors and accessories to be mounted at any position without pre-drilling.
- Area moment of inertia $I_x = I_y = 299.8 \text{ cm}^4$ and moment of resistance $W_x = W_y = 66.7 \text{ cm}^3$ for high bending rigidity in both principal axes.
- Torsional moment of inertia $I_t = 118.6 \text{ cm}^4$ and torsional moment of resistance $W_t = 26 \text{ cm}^3$ support torsion-resistant frame designs.
- Anodized surface (natural color) provides lasting corrosion protection and easy cleaning in production environments.
- Cut-to-length service: 60 mm to 6000 mm, packaging unit 1 piece - order the exact length needed.

TECHNICAL DATA

Property	Value
Cross-section	90x90 mm
Profile type	Standard

Property	Value
Modular dimension	45 mm
Open slots	8
Profile slot	10
Length min. (L min)	60 mm
Length max. (L max)	6000 mm
Profile surface (A)	38.4 cm ²
Mass (m)	10.4 kg/m
Area moment of inertia I _x	299.8 cm ⁴
Area moment of inertia I _y	299.8 cm ⁴
Moment of resistance W _x	66.7 cm ³
Moment of resistance W _y	66.7 cm ³
Torsional moment of inertia (I _t)	118.6 cm ⁴
Torsional moment of resistance (W _t)	26 cm ³
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece