

Strebenprofil 90x90 M16, eloxiertes Aluminium, 8 Nuten, L 120-6000 mm - Bosch Rexroth 3842990501

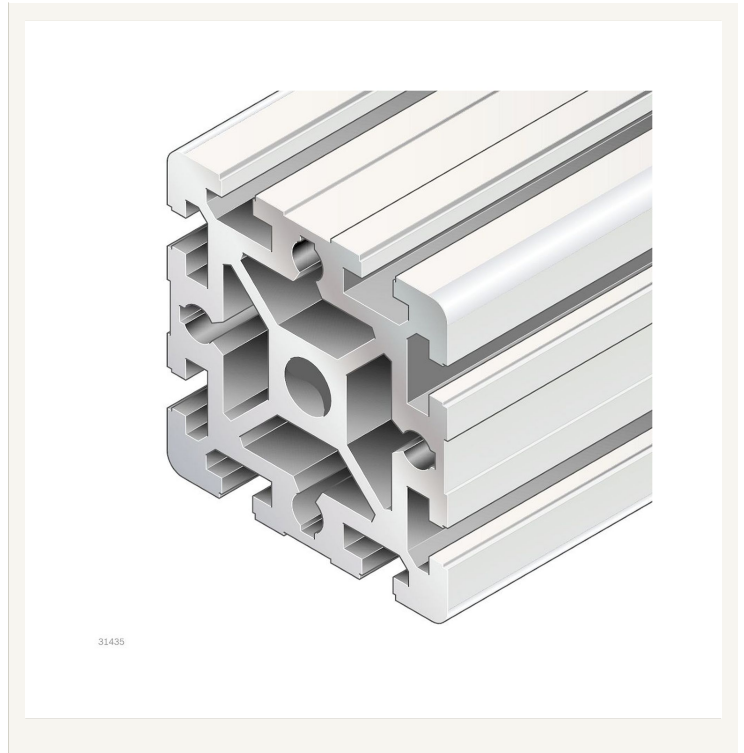
Item no. BRR-3842990501

Manufacturer Bosch Rexroth

Square aluminum strut profile 90x90 mm with M16 center bore and 8 open slots (slot size 10). Modular dimension 45 mm, anodized natural finish - supplied cut to length from 120 mm up to 6000 mm. Designed for machine frames, safety enclosures, and workstation structures within the Bosch Rexroth profile system.

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 in anodized aluminum is a standard square profile from the Bosch Rexroth aluminum profile system, suited for demanding machine structures, assembly stations, and protective enclosures. Eight open slots (size 10) on a 45 mm modular grid allow connections in all four directions using standard connectors and accessories.

- 8 open slots (size 10) for versatile connections on all sides
- High bending stiffness: area moment of inertia I_x/I_y 299.8 cm⁴ each, moment of resistance W_x/W_y 66.7 cm³ each
- Good torsional stiffness: torsional moment of inertia I_t 118.6 cm⁴, torsional moment of resistance W_t 26 cm³
- Anodized aluminum surface for corrosion resistance and clean appearance in production environments
- Cut-to-length delivery: 120 mm to 6000 mm per unit

TECHNICAL DATA

Property	Value
Cross-section	90 x 90 mm
Profile type	Standard
Profile slot	Size 10

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Property	Value
Open slots	8
Modular dimension	45 mm
Center bore	M16
Length min.	120 mm
Length max.	6000 mm
Profile surface (A)	38.4 cm ²
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
Mass	10.4 kg/m
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece