

Strebenprofil 45x90 M16, Aluminium eloxiert, 6 Nuten - Bosch Rexroth 3842990303

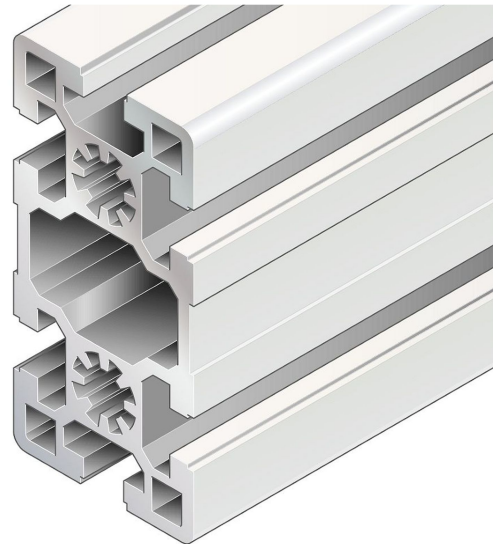
Item no. BRR-3842990303

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with 45x90 mm cross-section, 6 open slots, and a 45 mm modular dimension for fully compatible integration into Bosch Rexroth 45-series assembly systems. Pre-machined M12 and M16 core bores reduce on-site machining time. Available cut to length from 120 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



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DESCRIPTION

The 45x90 M16 strut profile is an anodized aluminum structural section for Bosch Rexroth's Aluminum Structural Framing system, used in machine guarding, workstation structures, conveyor frames, and industrial enclosures. Six open slots and the 45 mm modular grid ensure full compatibility with all standard 45-series connectors and accessories.

- 6 open slots (slot size 10) for multi-directional connections and fixings without additional machining
- Pre-machined core bores: M12 and M16 in all cores; D17 in slots B/F and C/E; D17V in slots A/D - minimizes secondary operations
- 45x90 mm cross-section with high area moment of inertia $I_x = 124.6 \text{ cm}^4$ for rigid, load-bearing frames
- Anodized aluminum finish: corrosion-resistant, lightweight, natural color
- Cut-to-length from 120 mm to 6000 mm, supplied per piece

TECHNICAL DATA

Property	Value
Cross-section	45x90 mm
Modular dimension	45 mm
Profile type	Standard

Property	Value
Open slots	6
Profile slot size	10
Material	Aluminum, anodized
Color	Natural
Length min	120 mm
Length max	6000 mm
Mass	4.2 kg/m
Profile surface (A)	15.4 cm ²
Area moment of inertia I _x	124.6 cm ⁴
Area moment of inertia I _y	32.8 cm ⁴
Moment of resistance W _x	27.7 cm ³
Moment of resistance W _y	14.6 cm ³
Torsional moment of inertia (I _t)	15.4 cm ⁴
Torsional moment of resistance (W _t)	6.61 cm ³
Profile machining	M12, M16: all cores; D17: slots B/F, C/E; D17V: slots A/D
Packaging unit	1 piece