

Strebenprofil 45x90 M16, eloxiertes Aluminium, 6 Nuten - Bosch Rexroth 3842990303-1000

Item no. BRR-3842990303-1000

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with a 45x90 mm cross-section and six open slots (slot 10) for the Bosch Rexroth 45 mm modular system. Pre-machined with M12 and M16 tapped cores and D17 bores, it suits load-bearing frames, machine guards, and structural assemblies. Available in custom lengths from 120 mm to 6000 mm, supplied individually.

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	0.0099 kg
Zolltarifnummer	76169990



DESCRIPTION

The 45x90 M16 strut profile in anodized aluminum is a standard-series component of the Bosch Rexroth modular framing system with a 45 mm grid. Six open slots (slot size 10) on a 45x90 mm cross-section deliver high bending stiffness in the x-direction, making it well suited for load-bearing frames, protective enclosures, and industrial machine structures.

- Six open slots (size 10) allow connections on all faces without secondary machining
- M12 and M16 tapped cores in all bores; D17 bores in slots B/F and C/E; D17V bores in slots A/D - factory-machined as standard
- High bending stiffness: area moment of inertia I_x 124.6 cm⁴, moment of resistance W_x 27.7 cm³
- Custom cut-to-length from 120 mm to 6000 mm
- Anodized natural finish - corrosion-resistant, clean appearance

TECHNICAL DATA

Property	Value
Cross-section	45x90 mm
Profile type	Standard
Modular dimension	45 mm
Profile slot	10
Open slots	6

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