

Strebenprofil 90x180 M16, Aluminium eloxiert, 12 Nuten - Bosch Rexroth 3842990417

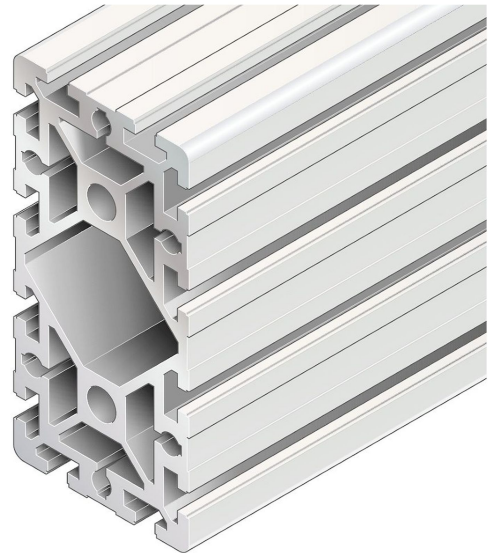
Item no. BRR-3842990417

Manufacturer Bosch Rexroth

Heavy-duty aluminum strut profile with a 90x180 mm cross-section, M16 tapped cores, and 12 open slots for versatile connections in structural framing and machine bases. Anodized natural finish, cut-to-length from 120 mm to 6000 mm. Modular dimension 45 mm, slot width 10.

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 90x180 M16 strut profile from the Bosch Rexroth assembly system is designed for load-bearing frames, machine bases, and structural applications where high bending stiffness is critical. With an area moment of inertia of 2138.3 cm⁴ (Ix) and a moment of resistance of 237.6 cm³ (Wx), the profile handles long unsupported spans with minimal deflection.

- 12 open slots allow flexible mounting of connectors and accessories without additional machining
- M16 threads in all core bores; D17V, LF, and LF-S adaptations available per slot position
- Anodized aluminum - corrosion-resistant and ready to install
- Cut-to-length from 120 mm to 6000 mm, sold per piece
- 45 mm modular dimension - fully compatible with the Bosch Rexroth profile system

TECHNICAL DATA

Property	Value
Cross-section	90x180 mm
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
Modular dimension	45 mm

Property	Value
Profile slot	10
Open slots	12
Length min	120 mm
Length max	6000 mm
Profile adaption	M16 in all core bores; D17V in slots A/H, B/G; LF in slots A/H, B/G; LF-S in slots D/K, E/J
Profile surface (A)	63.6 cm ²
Mass (m)	17.2 kg/m
Area moment of inertia I _x	2138.3 cm ⁴
Moment of resistance W _x	237.6 cm ³
Area moment of inertia I _y	544.3 cm ⁴
Moment of resistance W _y	121 cm ³
Torsional moment of inertia I _t	429 cm ⁴
Torsional moment of resistance W _t	64 cm ³
Packaging unit	1 piece