

Strebenprofil 90x180L, Aluminium eloxiert, 12 Nuten, Zuschnittlänge 50-6070 mm - Bosch Rexroth 3842992857

Item no. BRR-3842992857

Manufacturer Bosch Rexroth

Heavy-duty aluminum strut profile with a 90x180 mm cross-section and 12 open slots for maximum connection flexibility in modular framing systems. Supplied cut to length (50 to 6070 mm), with M12 pre-machined in all core bores. Area moment of inertia I_x 1380 cm⁴ for high bending stiffness on the primary axis.

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	76042100



DESCRIPTION

The 90x180L strut profile in anodized aluminum forms the structural backbone of wide frame assemblies and machine bases within the Bosch Rexroth profile system. Twelve open slots on a 45 mm grid pitch allow direct integration with all compatible profiles, brackets, and connectors in the series. Variable cut-to-length supply from 50 to 6070 mm keeps material waste and stock costs low.

- 12 open slots (slot size 10) for unrestricted attachment of connectors, panels, and add-on components on all faces
- Factory-machined: M12 in all core bores, D17V and longitudinal guide slot LF in slots A/H and B/G - no additional end machining required
- High bending stiffness: $I_x = 1380 \text{ cm}^4$, $W_x = 153.3 \text{ cm}^3$ for demanding loads on the x-axis
- Anodized aluminum surface: corrosion-resistant, easy to clean, natural color
- Cut-to-length 50-6070 mm, packaging unit 1 piece, mass 11.6 kg per meter

TECHNICAL DATA

Property	Value
Cross-section	90x180 mm
Profile type	Standard
Modular dimension	45 mm

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Property	Value
Open slots	12
Profile slot	10
Length min	50 mm
Length max	6070 mm
Profile surface [A]	42.8 cm ²
Area moment of inertia I _x	1380 cm ⁴
Moment of resistance W _x	153.3 cm ³
Area moment of inertia I _y	401 cm ⁴
Moment of resistance W _y	89.1 cm ³
Torsional moment of inertia I _t	257 cm ⁴
Moment of torsion resistance W _t	47.1 cm ³
Mass	11.6 kg/m
Material	Aluminum, anodized
Color	Natural
Profile machining	M12 in all core bores; D17V and LF in slots A/H, B/G
Packaging unit	1 piece