

Strebenprofil 90x180 2xD17LF, Aluminium eloxiert, 12 Nuten, bis 6000 mm - Bosch Rexroth 3842992898

Item no. BRR-3842992898

Manufacturer Bosch Rexroth

Wide aluminum strut profile with a 90x180 mm cross-section, 12 open slots (slot 10) and a modular dimension of 45 mm. The anodized standard profile is cut to length (80 to 6000 mm) and comes factory-machined with M16 tapped cores and D17V/LF bores. It is designed for heavy-duty load-bearing frames and large-scale assembly 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 Bosch Rexroth strut profile 90x180 2xD17LF is a wide aluminum structural profile for load-bearing frame assemblies where high bending stiffness in the X-direction is required. With an area moment of inertia of 2138.3 cm⁴ (I_x) and a moment of resistance of 237.6 cm³ (W_x), it handles significantly greater loads than square profiles of comparable cross-section. Twelve open slots (slot 10, modular dimension 45 mm) provide connection points along the full profile length for connectors, fasteners, and add-on components from the Bosch Rexroth system.

- High bending stiffness: I_x = 2138.3 cm⁴, W_x = 237.6 cm³ - suited for large load-bearing frames
- 12 open slots (slot 10) on all faces, 45 mm modular dimension - maximum connection flexibility
- Factory machining: M16 in all tapped cores, D17V and LF in slots A/H and B/G, LF-S in slots D/K and E/J
- Cut to length from 80 to 6000 mm - no additional end-face machining required
- Anodized aluminum, natural color - corrosion-resistant and surface-ready
- Profile surface 63.6 cm², mass 17.2 kg/m - structural rigidity with manageable weight

TECHNICAL DATA

Property	Value
Cross-section	90 x 180 mm

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Property	Value
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
Open slots	12
Profile slot	10
Modular dimension	45 mm
Length min. (L min)	80 mm
Length max. (L max)	6000 mm
Profile machining	M16: all tapped cores D17V: slots A/H, B/G LF: slots A/H, B/G LF-S: 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
Moment of torsion resistance (W _t)	64 cm ³
Packaging unit	1 piece
Recommended accessories	Cover cap 90x90 black, Cover cap 90x90 signal gray, Cover cap with hole 90x90 black, Cover cap with hole 90x90 signal gray