

Strebenprofil 90x180 D17V/D17V, 12 Nuten, Aluminium eloxiert, 1000 mm - Bosch Rexroth 3842992378-1000

Item no. BRR-3842992378-1000

Manufacturer Bosch Rexroth

Heavy-duty aluminum strut profile with 90x180 mm cross-section and 12 open slots (slot size 10) for building load-bearing machine frames, transfer systems, and guarding structures. Pre-machined with M16 threads in all core bores and D17V connector holes in slots A/H and B/G, eliminating on-site drilling. Supplied as a single length of 1000 mm; custom cuts from 80 mm to 6000 mm available.

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 Bosch Rexroth strut profile 90x180 D17V/D17V is an anodized aluminum structural profile with a 90x180 mm cross-section, 12 open slots, and a 45 mm modular grid. Part of the Bosch Rexroth Assembly Technology range, it is designed for heavily loaded frames, machine bases, transfer systems, and protective enclosures.

- **High bending stiffness:** Area moment of inertia $I_x = 2138.3 \text{ cm}^4$ and section modulus $W_x = 237.6 \text{ cm}^3$ about the strong axis - suitable for long spans and heavy loads.
- **12 open slots:** Slot size 10, 45 mm modular grid - allows connectors, brackets, and attachments to be positioned freely along the full profile length.
- **Ready-to-mount machining:** M16 threads in all core bores, D17V connector bores in slots A/H and B/G, LF hole pattern in slots A/H and B/G, LF-S hole pattern in slots D/K and E/J - no secondary machining required.
- **Anodized surface:** Natural-anodized aluminum, corrosion-resistant and easy to clean for continuous industrial use.
- **Flexible lengths:** Standard length 1000 mm; cut-to-length from 80 mm to 6000 mm available.

TECHNICAL DATA



Property	Value
Cross-section	90x180 mm
Modular dimension	45 mm
Profile slot	10
Open slots	12
Profile type	Standard
Length (this order)	1000 mm
Length min / max	80 mm / 6000 mm
Profile surface [A]	63.6 cm ²
Area moment of inertia [Ix]	2138.3 cm ⁴
Moment of resistance [Wx]	237.6 cm ³
Area moment of inertia [Iy]	544.3 cm ⁴
Moment of resistance [Wy]	121 cm ³
Torsional moment of inertia [It]	429 cm ⁴
Moment of torsion resistance [Wt]	64 cm ³
Mass [m]	17.2 kg/m
Material	Aluminum, anodized
Color	Natural
Profile machining	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
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