

Strebenprofil 45x90L, 2xD17LF, 6 offene Nuten, eloxiertes Aluminium - Bosch Rexroth 3842993084

Item no. BRR-3842993084

Manufacturer Bosch Rexroth

The 45x90L strut profile is an asymmetric standard section for Bosch Rexroth modular assembly systems on a 45 mm grid. Pre-machined with M12 tapped cores, D17 and LF bores across all slot faces, it installs directly without additional drilling or threading. Available cut-to-length from 80 to 6000 mm.

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 45x90L strut profile (article 3842993084) is an anodized aluminum section for the Bosch Rexroth aluminum profile system, modular dimension 45 mm. Six open slots (slot size 10) provide connection points on every face for brackets, connectors and guide rails.

- Area moment of inertia I_x 82 cm⁴, moment of resistance W_x 18.2 cm³ - high bending stiffness in the x-direction for load-bearing structures
- Pre-machined: M12 threads in all core channels, D17 bores in slots B/F and C/E, D17V bores in slots A/D, LF bores in slots A/D - no secondary machining required
- Cut-to-length from 80 to 6000 mm (cut-to-length charge applies)
- Anodized natural finish - corrosion-resistant and suitable for exposed assemblies
- Profile cross-section 11.3 cm², mass 3 kg/m - favorable stiffness-to-weight ratio

TECHNICAL DATA

Property	Value
Cross-section	45x90L
Modular dimension	45 mm
Dimensions	45x90 mm
Profile type	Standard
Open slots	6

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Property	Value
Profile slot	10
Length min	80 mm
Length max	6000 mm
Profile surface [A]	11.3 cm ²
Mass [m]	3 kg/m
Area moment of inertia [Ix]	82 cm ⁴
Moment of resistance [Wx]	18.2 cm ³
Area moment of inertia [Iy]	23.6 cm ⁴
Moment of resistance [Wy]	10.5 cm ³
Torsional moment of inertia [It]	15.1 cm ⁴
Moment of torsion resistance [Wt]	4.4 cm ³
Profile machining	M12: all core channels; D17: slots B/F, C/E; D17V: slots A/D; LF: slots A/D
Material	Aluminum, anodized
Color	Natural
Packaging unit	1
Recommended accessories	Cover cap 45x90 black, cover cap 45x90 signal gray, cover cap with hole 45x90 black, cover cap with hole 45x90 signal gray