

Strut Profile 100x100L M12/M12, Anodized Aluminum, 8 Slots - Bosch Rexroth 3842993173

Item no. BRR-3842993173

Manufacturer Bosch Rexroth

Heavy-duty aluminum strut profile, cross-section 100x100L, with 8 open slots (modular dimension 50 mm) for load-bearing frames and machine enclosures. Pre-machined with M12 threads in all core holes plus D17 and D17V bores on the lateral faces - available cut to length from 110 mm to 6000 mm. Material: anodized aluminum, natural color.

TECHNICAL DATA

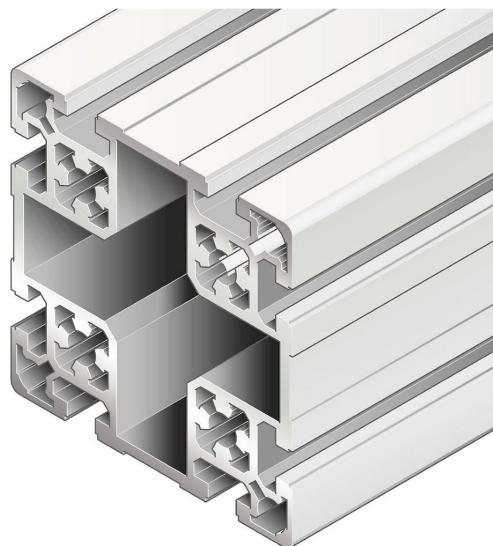
Ausführungsklasse **TEC**

Country of Manufacture **Germany**

HS-Code **76169990**

Note **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**



31439

DESCRIPTION

The Strut Profile 100x100L M12/M12 from Bosch Rexroth is a high-load aluminum profile for structural frames, machine housings, and industrial assembly systems. The symmetric 100x100 mm cross-section with 8 open slots (slot width 10 mm, modular dimension 50 mm) allows flexible connections on all faces without additional drilling.

- 8 open slots for unrestricted connectivity on all profile faces
- M12 threads in all core holes - fast, tool-free fitting of connectors
- D17 bores in slots C/H and D/G, D17V bores in slots A/F and B/E for direct bolted connections
- High bending stiffness: area moment of inertia $I_x = I_y = 318.3 \text{ cm}^4$, moment of resistance $W_x = W_y = 63.7 \text{ cm}^3$
- Torsional resistance: $W_t = 31.4 \text{ cm}^3$, $I_t = 153.53 \text{ cm}^4$
- Profile surface area 29.9 cm^2 , mass 8.1 kg/m - rated for heavy loads
- Anodized aluminum, natural color - corrosion-resistant and surface-stable
- Cut to length: 110 mm to 6000 mm, packaging unit 1 piece

TECHNICAL DATA

Property	Value
Cross-section	100x100L
Dimensions	100x100 mm

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Property	Value
Profile type	Standard
Open slots	8
Profile slot width	10 mm
Modular dimension	50 mm
Profile adaption	M12 in all core holes; D17 in slots C/H, D/G; D17V in slots A/F, B/E
Length min (L min)	110 mm
Length max (L max)	6000 mm
Area moment of inertia $I_x = I_y$	318.3 cm ⁴
Moment of resistance $W_x = W_y$	63.7 cm ³
Torsional moment of inertia I_t	153.53 cm ⁴
Moment of torsion resistance W_t	31.4 cm ³
Profile surface area A	29.9 cm ²
Mass m	8.1 kg/m
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece
Recommended accessories	Cover cap 100x100 black, Cover cap 100x100 signal gray