

Strut Profile 100x100L D17 - Anodized Aluminium, 8 Slots, 50 mm Grid - Bosch Rexroth 3842993175

Item no. BRR-3842993175

Manufacturer Bosch Rexroth

Heavy-section aluminium strut profile with a 100x100L cross-section, 8 open slots and a 50 mm modular grid for demanding load-bearing frames and machine structures. Anodized natural finish; cut-to-length from 60 to 6000 mm. Pre-machined M12 core holes and D17 bores enable fast, tool-efficient assembly.

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



DESCRIPTION

The Bosch Rexroth strut profile 100x100L D17 is a symmetrical, heavy-duty aluminium profile with 8 open slots, designed for structural frames, machine bases and guarding where high rigidity is essential. The 50 mm modular grid ensures full compatibility with the Bosch Rexroth assembly system.

- 8 open slots (slot width 10 mm) for versatile connections on all faces
- Pre-machined M12 core holes in all core channels; D17 bores in slots C/H and D/G; D17V bores in slots A/F and B/E - no secondary machining required
- High bending stiffness: area moment of inertia $I_x = I_y = 318.3 \text{ cm}^4$, moment of resistance $W_x = W_y = 63.7 \text{ cm}^3$
- Cut-to-length from 60 mm to 6000 mm - price based on cut length
- Anodized aluminium (natural colour) for lasting corrosion resistance
- Packaging unit: 1 piece; mass 8.1 kg/m

TECHNICAL DATA

Property	Value
Cross-section	100x100L
Dimensions	100 x 100 mm
Profile type	Standard

Property	Value
Modular dimension	50 mm
Open slots	8
Profile slot width	10 mm
Length min.	60 mm
Length max.	6000 mm
Material	Aluminum, anodized
Color	Natural
Profile surface [A]	29.9 cm ²
Mass [m]	8.1 kg/m
Area moment of inertia I _x	318.3 cm ⁴
Area moment of inertia I _y	318.3 cm ⁴
Moment of resistance W _x	63.7 cm ³
Moment of resistance 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 machining	M12 in all core channels; D17 in slots C/H, D/G; D17V in slots A/F, B/E
Recommended accessories	Cover cap 100x100 black, Cover cap 100x100 signal gray
Packaging unit	1 piece