

Strebenprofil 100x100L D17/D17, 1000 mm - Bosch Rexroth 3842993176-1000

Item no. BRR-3842993176-1000 **Manufacturer** Bosch Rexroth

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Heavy-duty aluminium strut profile with a 100x100 mm cross-section (L geometry), 8 open slots on a 50 mm grid, ready for demanding load-bearing structures. Pre-machined with M12 tapped cores and D17 bores in the slots; anodized finish; supplied at 1000 mm. Cuttable to length from 80 to 6000 mm.

TECHNICAL DATA

Article authenticity	Original product
Condition of article	New
Country of Manufacture	Germany
ESD-Ausführung	TEC
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



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Strut Profile 100x100L D17/D17 is a high-load aluminium structural profile from the Bosch Rexroth Assembly Technology range. Its 100x100 mm cross-section, 8 open slots, and area moment of inertia of 318.3 cm⁴ (both axes) make it the right choice for heavy machine frames, enclosures, and structural mounting assemblies. The integrated D17/D17 pre-machining means connectors can be fitted without additional drilling or tapping.

- 8 open slots on a 50 mm grid - compatible with all standard Rexroth system connectors across

the profile range

- M12 tapped cores in all core bores; D17 bores in slots C/H and D/G; D17V bores in slots A/F and B/E - installation-ready from stock
- Anodized aluminium - corrosion-resistant, wear-resistant, and clean-looking for visible structures
- Cuttable from 80 to 6000 mm; supplied as a 1000 mm bar, packaging unit 1 piece
- High torsional stiffness - torsional moment of resistance 31.4 cm^3 , torsional moment of inertia 153.53 cm^4

Technical data

Property	Value
Cross-section	100x100L
Dimensions	100x100 mm
Profile type	Standard
Open slots	8
Profile slot	10
Modular dimension	50 mm
Length (supplied)	1000 mm
Length min / max	80 mm / 6000 mm
Profile adaption	M12 in all core bores; D17 in slots C/H, D/G; D17V in slots A/F, B/E
Profile surface [A]	29.9 cm^2
Area moment of inertia [Ix / Iy]	318.3 cm^4
Moment of resistance [Wx / Wy]	63.7 cm^3
Torsional moment of inertia [It]	153.53 cm^4
Moment of torsion resistance [Wt]	31.4 cm^3
Mass	8.1 kg
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece
Recommended accessories	Cover cap 100x100 black; Cover cap 100x100 signal gray