

Strebenprofil 90x90L M12/D17, 1000 mm - Bosch Rexroth 3842992423-1000

Item no. BRR-3842992423-1000

Manufacturer Bosch Rexroth

Symmetric 90x90L anodized aluminum strut profile for load-bearing frames, machine enclosures, and assembly structures on a 45 mm grid. Eight open slots with slot type 10 allow connections at any position along the full profile length. Factory-machined for M12 fasteners in all core bores and D17 clearance holes in slots C/H and D/G, reducing on-site preparation.

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 90x90L strut profile provides a symmetric, high-stiffness foundation for structural frames, workstation systems, and industrial enclosures. Identical area moments of inertia in both axes ($I_x = I_y = 211.1 \text{ cm}^4$) make it equally rigid under vertical and horizontal loads, while the factory machining package eliminates drilling and tapping on site.

- Symmetric 90x90 cross-section - equal bending stiffness in x and y ($I_x = I_y = 211.1 \text{ cm}^4$)
- 8 open slots (slot type 10) for continuous, unrestricted connector placement
- Anodized aluminum surface - corrosion-resistant, natural color, cleanroom-compatible
- Available in lengths from 90 mm to 6000 mm, supplied per piece
- Recommended accessories: cover cap 90x90L in black or signal gray

TECHNICAL DATA

Property	Value
Cross-section	90x90L
Profile type	Standard
Modular dimension	45 mm
Open slots	8
Profile slot	10
Length min / max	90 mm / 6000 mm

Property	Value
Profile surface [A]	24.1 cm ²
Area moment of inertia [I _x = I _y]	211.1 cm ⁴
Moment of resistance [W _x = W _y]	46.9 cm ³
Torsional moment of inertia [I _t]	82.1 cm ⁴
Moment of torsion resistance [W _t]	20.1 cm ³
Mass [m]	6.5 kg
Material	Aluminum, anodized
Color	Natural
Profile machining	M12 in all core bores; D17 in slots C/H, D/G; D17V in slots A/F, B/E; LF in slots C/H, D/G
Packaging unit	1 piece