

Strebenprofil 45x270 M12/M12, Aluminium eloxiert, 13 Nuten - Bosch Rexroth 3842992928-1000

Item no. BRR-3842992928-1000

Manufacturer Bosch Rexroth

Wide strut profile on a 45 mm grid, cross-section 45x270 mm, with factory-tapped M12 threads in the core channels beneath slots C and F. Thirteen open slots (10 mm width) and an area moment of inertia of 3962 cm⁴ in the x-direction provide the load-bearing capacity needed for wide-span frames and heavy-duty machine structures. Available cut to length from 110 mm to 6000 mm; standard delivery 1000 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	0.0099 kg
Zolltarifnummer	76169990



DESCRIPTION

The strut profile 45x270 M12/M12 is a wide anodized aluminum profile on a 45 mm modular grid, designed for structurally demanding frames and machine enclosures in industrial assembly systems. Thirteen open slots (10 mm width) running the full profile length give comprehensive connection options on every face, while the factory-tapped M12 threads in the core channels beneath slots C and F allow direct bolted connections without additional machining on site.

- High bending stiffness: area moment of inertia $I_x = 3962 \text{ cm}^4$, section modulus $W_x = 300.2 \text{ cm}^3$ - suited for wide-span beams and loaded frames
- 13 open slots (10 mm width) across the full profile width for versatile fastening on all sides
- Factory M12 tapping in core channels beneath slots C and F - reduces on-site machining time
- Anodized aluminum (natural color) - corrosion-resistant, lightweight, high-quality surface finish
- Cut-to-length service: 110 mm to 6000 mm, packaging unit 1 piece

TECHNICAL DATA

Property	Value
Cross-section	45 x 270 mm
Modular dimension	45 mm
Profile slot width	10 mm
Open slots	13

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Property	Value
Profile type	Standard
Profile adaption	M12 in core channels beneath slots C and F
Area moment of inertia I _x	3962 cm ⁴
Section modulus W _x	300.2 cm ³
Area moment of inertia I _y	118 cm ⁴
Section modulus W _y	61.6 cm ³
Profile surface A	61.9 cm ²
Mass	16.7 kg/m
Material	Aluminum, anodized
Color	Natural
Min. length	110 mm
Max. length	6000 mm
Packaging unit	1 piece
Recommended accessories	Cover cap 45x90, signal gray; Cover cap 45x90, black