

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

Item no. BRR-3842992928

Manufacturer Bosch Rexroth

Wide aluminum strut profile with a 45x270 mm cross-section and 13 open slots on the 45 mm modular grid. Factory M12 tapping in the core holes under slots C and F allows direct bolted connections without additional machining. Available as cut-to-length from 110 mm to 6000 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	0.1 kg
Zolltarifnummer	76169990



DESCRIPTION

The 45x270 M12/M12 strut profile is a wide aluminum structural profile designed for demanding load-bearing frames, machine bases, and gantry systems. With 13 open slots and an area moment of inertia of 3962 cm⁴ in the x-direction, it delivers high bending stiffness at a mass of 16.7 kg/m. The factory-machined M12 threads in the core holes under slots C and F reduce assembly time and increase joint reliability.

- 13 open slots (slot width 10 mm) for maximum attachment options on all faces
- M12 tapping on both ends in core holes - no secondary machining required
- Area moment of inertia $I_x = 3962 \text{ cm}^4$, $W_x = 300.2 \text{ cm}^3$ for high bending capacity in the primary load direction
- Anodized aluminum - corrosion-resistant, dimensionally stable, suitable for many industrial environments
- Cut-to-length: any dimension from 110 mm to 6000 mm

TECHNICAL DATA

Property	Value
Cross-section	45 x 270 mm
Modular dimension	45 mm
Profile type	Standard

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Property	Value
Profile slot	10 mm
Open slots	13
Profile adaption	M12 in core holes under slots C and F
Length min.	110 mm
Length max.	6000 mm
Area moment of inertia I _x	3962 cm ⁴
Moment of resistance W _x	300.2 cm ³
Area moment of inertia I _y	118 cm ⁴
Moment of resistance W _y	61.6 cm ³
Profile surface A	61.9 cm ²
Mass	16.7 kg/m
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece
Recommended accessories	Cover cap 45x90 signal gray, Cover cap 45x90 black