

Strebenprofil 90x360, Aluminium eloxiert, variable Länge 50-6000 mm - Bosch Rexroth 3842993434-1000

Item no. BRR-3842993434-1000

Manufacturer Bosch Rexroth

Large-format aluminum strut profile with a 90x360 mm cross-section, 12 open slots, and a 45 mm modular dimension for heavy-load frames and machine structures. Supplied in variable lengths from 50 to 6000 mm with M16 tapping in all core bores. Mass: 24.4 kg/m.

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	76042100



DESCRIPTION

The 90x360 strut profile in anodized aluminum is the widest profile in the Bosch Rexroth Assembly Technology range, designed for load-bearing frames, machine bases, and structural assemblies subject to high bending and torsional loads. An area moment of inertia of 14,065 cm⁴ in the x-direction and a moment of resistance of 781.4 cm³ deliver the rigidity needed for long spans.

- 12 open profile slots (slot size 10) for maximum connection options on all faces
- Variable delivery length from 50 to 6000 mm - no fixed cut lengths, minimal waste
- M16 tapping in all core bores - direct bolt assembly without rework
- 45 mm modular dimension - fully compatible with the Bosch Rexroth aluminum profile system
- Anodized surface, natural color - corrosion-resistant and clean in appearance

TECHNICAL DATA

Property	Value
Cross-section	90x360 mm
Profile type	Standard
Modular dimension	45 mm
Profile slot	10
Open slots	12
Length min.	50 mm

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Property	Value
Length max.	6000 mm
Profile machining	M16 in all core bores
Profile surface (A)	90.2 cm ²
Mass (m)	24.4 kg/m
Area moment of inertia X (I _x)	14,065 cm ⁴
Moment of resistance X (W _x)	781.4 cm ³
Area moment of inertia Y (I _y)	710 cm ⁴
Moment of resistance Y (W _y)	157.7 cm ³
Torsional moment of inertia (I _t)	937.1 cm ⁴
Moment of torsion resistance (W _t)	117.6 cm ³
Material	Aluminum, anodized
Color	Natural
Condition on delivery	Variable length
Packaging unit	1