

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

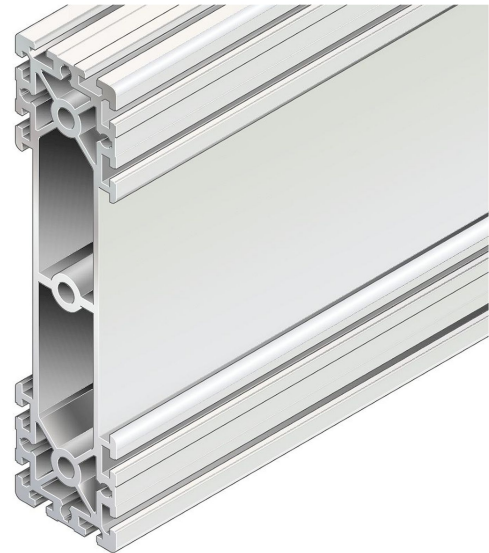
Item no. BRR-3842993434

Manufacturer Bosch Rexroth

Heavy-duty aluminum strut profile with a 90x360 mm cross-section, 12 open slots, and a 45 mm modular dimension for use in load-bearing frames and machine structures. Supplied cut to length between 50 and 6000 mm with M16 threads pre-machined in all core bores. Area moment of inertia I_x 14065 cm⁴ for demanding structural applications.

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	76042100



31446

DESCRIPTION

The Bosch Rexroth Strut Profile 90x360 is a large-format aluminum profile for load-bearing machine frames, structural assemblies, and industrial plant construction. Its 90x360 mm cross-section delivers an area moment of inertia I_x of 14065 cm⁴ and a moment of resistance W_x of 781.4 cm³, covering applications with high bending and torsional loads. Variable cut-to-length delivery from 50 to 6000 mm reduces on-site machining and speeds up assembly.

- 12 open slots (slot size 10) for versatile fastening and connection options across all profile faces
- M16 threads pre-machined in all core bores - ready to bolt without secondary operations
- 45 mm modular dimension for full compatibility with the Bosch Rexroth aluminum structural system
- Anodized aluminum surface for corrosion resistance and a clean, long-lasting finish
- Profile surface area 90.2 cm², mass 24.4 kg/m - accurate data for structural calculations

TECHNICAL DATA

Property	Value
Cross-section	90x360 mm
Profile type	Standard
Material	Aluminum, anodized

Property	Value
Color	Natural
Profile slot	10
Open slots	12
Modular dimension	45 mm
Length min (L min)	50 mm
Length max (L max)	6000 mm
Condition on delivery	Variable length
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)	14065 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
Packaging unit	1