

Strebenprofil 90x90, Aluminium eloxiert, Nut 10, variable Länge 50-6070 mm - Bosch Rexroth 3842990500

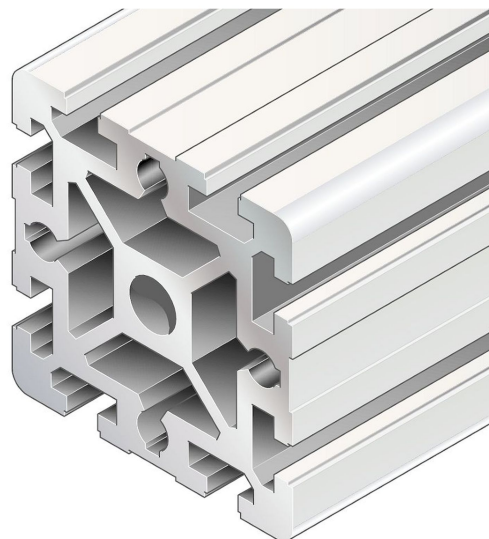
Item no. BRR-3842990500

Manufacturer Bosch Rexroth

Strut profile 90x90 mm in anodized aluminum for modular framing, machine guarding, and workstation structures on the 45 mm grid system. Eight open slots (width 10) on all faces allow direct connection of standard Rexroth fasteners and accessories without repositioning. Supplied cut to length on request, from 50 mm up to 6070 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	76042100



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DESCRIPTION

The Bosch Rexroth strut profile 90x90 is the primary structural member for frames, enclosures, safety guards, and work surfaces built with the Rexroth modular assembly system. Extruded from anodized aluminum, it delivers high section stiffness at low weight and aligns with the full Rexroth accessory range through its 45 mm modular grid.

- Eight open slots (slot width 10) on all four faces for unrestricted connection points without disassembly
- Cut-to-length supply: any length from 50 mm to 6070 mm, sold individually
- High bending stiffness: area moment of inertia $I_x = I_y = 299.8 \text{ cm}^4$, section modulus $W_x = W_y = 66.7 \text{ cm}^3$
- Anodized aluminum surface - corrosion-resistant and ready to use without further treatment
- 45 mm modular pitch - fully compatible with all standard Rexroth connectors, brackets, and fastening elements

TECHNICAL DATA

Property	Value
Cross-section	90 x 90 mm
Profile type	Standard
Profile slot	10

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Property	Value
Open slots	8
Modular dimension	45 mm
Length min (L min)	50 mm
Length max (L max)	6070 mm
Profile surface (A)	38.4 cm ²
Area moment of inertia $I_x = I_y$	299.8 cm ⁴
Section modulus $W_x = W_y$	66.7 cm ³
Torsional moment of inertia (I_t)	118.6 cm ⁴
Torsional section modulus (W_t)	26 cm ³
Material	Aluminum, anodized
Color	Natural
Mass (m)	10.4 kg/m
Packaging unit	1 piece
Condition on delivery	Variable length