

Strebenprofil 90x90 F2/F2, Aluminium eloxiert, 8 Nuten, bis 6000 mm - Bosch Rexroth 3842990507

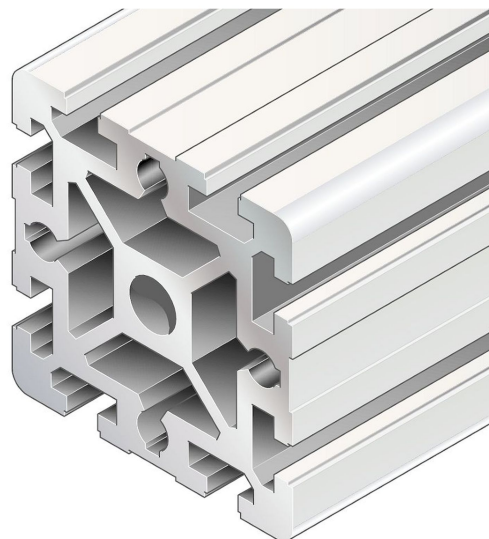
Item no. BRR-3842990507

Manufacturer Bosch Rexroth

Symmetric 90x90 mm aluminum strut profile with 8 open slots (slot size 10 mm) and a 45 mm modular grid for integration into Bosch Rexroth assembly systems. Anodized natural finish, cut to length from 110 mm to 6000 mm. Equal area moments of inertia in both axes ($I_x = I_y = 299.8 \text{ cm}^4$) deliver consistent bending stiffness in any orientation.

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



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DESCRIPTION

The Strut Profile 90x90 F2/F2 is a symmetric structural aluminum section from the Bosch Rexroth Aluminum Structural Framing system. Eight open slots on a 45 mm modular grid allow connections on every face with standard Rexroth connectors, brackets, and accessories - no machining required. Supplied cut to length (110 mm to 6000 mm), it serves as a primary load-bearing element in machine frames, workstations, guarding structures, and conveyor systems.

- Symmetric 90x90 mm cross-section - identical stiffness in X and Y ($I_x = I_y = 299.8 \text{ cm}^4$, $W_x = W_y = 66.7 \text{ cm}^3$)
- Eight open slots accept connectors at any face without repositioning
- 45 mm modular grid - direct compatibility with the full Rexroth connector and add-on range
- Anodized aluminum (natural) - corrosion-resistant, lightweight, ready to use without surface finishing
- Cut-to-length from 110 to 6000 mm, packaging unit: 1 piece
- Profile surface area 38.4 cm^2 , linear mass 10.4 kg/m

TECHNICAL DATA

Parameter	Value
Cross-section	90x90 mm
Profile type	Standard F2/F2

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Parameter	Value
Modular dimension	45 mm
Open slots	8
Slot size	10 mm
Length min.	110 mm
Length max.	6000 mm
Material	Aluminum, anodized
Color	Natural
Profile surface [A]	38.4 cm ²
Mass [m]	10.4 kg/m
Area moment of inertia I _x	299.8 cm ⁴
Area moment of inertia I _y	299.8 cm ⁴
Moment of resistance W _x	66.7 cm ³
Moment of resistance W _y	66.7 cm ³
Torsional moment of inertia [I _t]	118.6 cm ⁴
Moment of torsion resistance [W _t]	26 cm ³
Packaging unit	1 piece