

Strebenprofil 90x90 F2/-, 1000 mm, Aluminium eloxiert, 8 Nuten - Bosch Rexroth 3842990505-1000

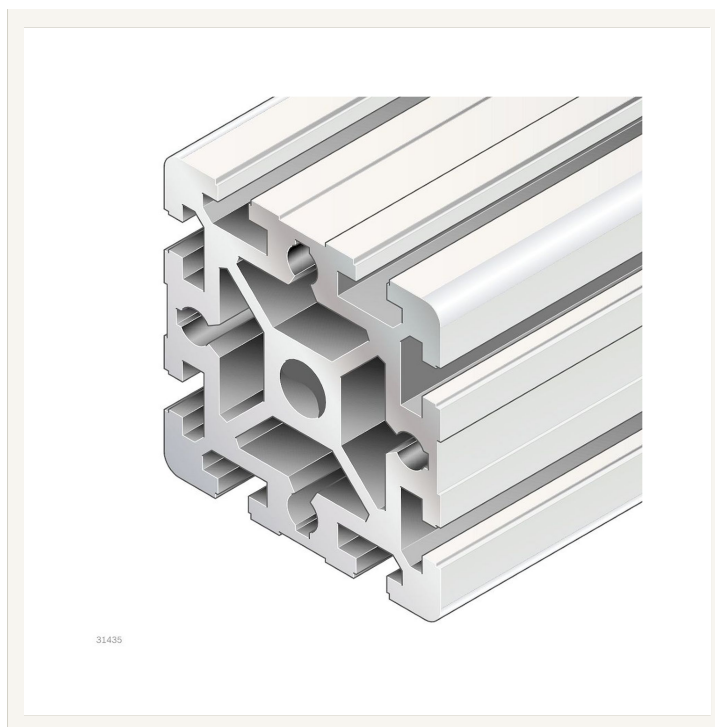
Item no. BRR-3842990505-1000

Manufacturer Bosch Rexroth

Strut profile 90x90 F2/- in anodized aluminum (natural) with 8 open slots and a modular dimension of 45 mm for building load-bearing frames and machine structures. Supplied at 1000 mm; cut-to-length from 60 mm to 6000 mm. Area moment of inertia of 299.8 cm⁴ and torsional moment of inertia of 118.6 cm⁴ deliver high rigidity 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	0.0099 kg
Zolltarifnummer	76169990



DESCRIPTION

The Bosch Rexroth strut profile 90x90 F2/- is a symmetric structural aluminum profile with a 90x90 mm cross-section, 8 open slots (slot size 10) and a 45 mm modular dimension. It is designed for load-bearing frames, machine bases and modular assembly systems where high rigidity and full-perimeter connection flexibility are required. The profile is supplied anodized in natural finish and can be cut to any length between 60 mm and 6000 mm.

- 8 open slots allow connections and attachments on all sides without pre-drilling
- 45 mm modular dimension ensures full compatibility across the Bosch Rexroth profile system
- Anodized aluminum surface provides lasting corrosion and wear resistance
- Profile surface area of 38.4 cm² and mass of 10.4 kg/m deliver a favorable stiffness-to-weight ratio

TECHNICAL DATA

Property	Value
Cross-section	90x90 mm
Profile type	Standard
Profile slot	10
Open slots	8
Modular dimension	45 mm
Supplied length	1000 mm

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Property	Value
Length min / max	60 mm / 6000 mm
Color	Natural
Material	Aluminum, anodized
Profile surface [A]	38.4 cm ²
Mass [m]	10.4 kg/m
Area moment of inertia X [Ix]	299.8 cm ⁴
Area moment of inertia Y [Iy]	299.8 cm ⁴
Moment of resistance X [Wx]	66.7 cm ³
Moment of resistance Y [Wy]	66.7 cm ³
Torsional moment of inertia [It]	118.6 cm ⁴
Moment of torsion resistance [Wt]	26 cm ³
Packaging unit	1 piece