

Strebenprofil 45x45, Nut 10, 4 offene Nuten, Aluminium eloxiert, 1000 mm - Bosch Rexroth 3842992969-1000

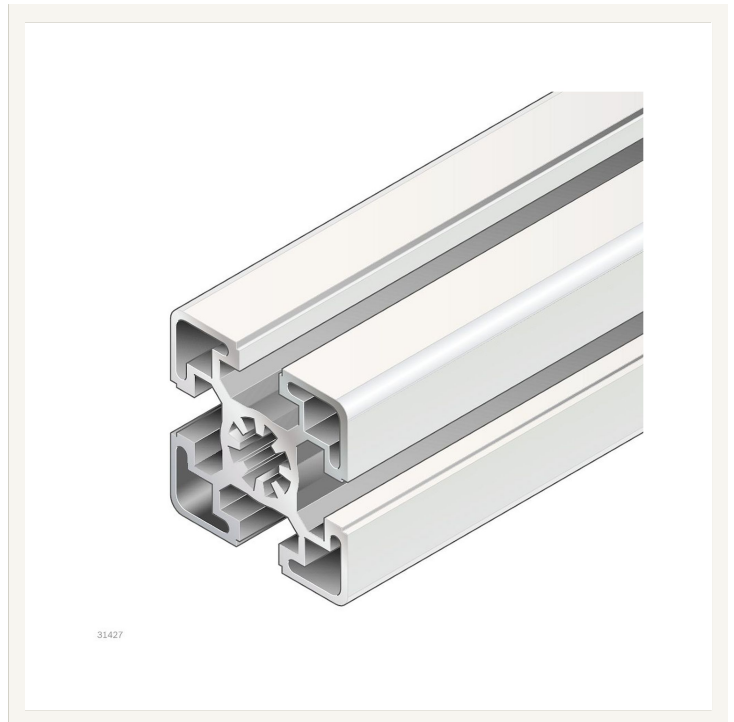
Item no. BRR-3842992969-1000

Manufacturer Bosch Rexroth

Extruded anodized aluminum strut profile, 45x45 mm cross-section with four open T-slots (slot width 10) on the 45 mm modular grid. Designed for load-bearing frames, machine guards, and assembly structures in industrial environments. Supplied as 1 piece at 1000 mm; custom lengths available from 70 mm to 6000 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	0.0099 kg
Zolltarifnummer	76169990



DESCRIPTION

The Bosch Rexroth Strut Profile 45x45 is an extruded anodized aluminum profile on the 45 mm modular grid, with four open T-slots (width 10) running the full length on all four sides. The anodized finish provides corrosion resistance and surface hardness; the symmetric cross-section allows mounting in any orientation without reconfiguring connectors.

- Four open slots (width 10) on all sides - connectors, brackets, and attachments can be positioned anywhere along the length without drilling
- 45 mm modular grid - fully compatible with the Bosch Rexroth Profile System 45
- Anodized aluminum - corrosion-resistant, lightweight at 2 kg/m
- Custom lengths from 70 mm to 6000 mm - order cut-to-length to minimize waste and storage
- Structural rigidity for load-bearing frames: $I_x = I_y = 13.8 \text{ cm}^4$, $W_x = W_y = 6.1 \text{ cm}^3$

TECHNICAL DATA

Property	Value
Cross-section	45 x 45 mm
Modular dimension	45 mm
Profile slot width	10 mm
Open slots	4
Profile type	Standard

Property	Value
Material	Aluminum, anodized
Color	Natural
Supplied length (this SKU)	1000 mm
Min / max length	70 mm / 6000 mm
Profile surface area [A]	7.5 cm ²
Mass [m]	2 kg/m
Area moment of inertia $I_x = I_y$	13.8 cm ⁴
Moment of resistance $W_x = W_y$	6.1 cm ³
Torsional moment of inertia [It]	2.65 cm ⁴
Moment of torsion resistance [Wt]	0.96 cm ³
Packaging unit	1 piece