

Strebenprofil 45x45 D17/M12, 1000 mm - Bosch Rexroth 3842990640-1000

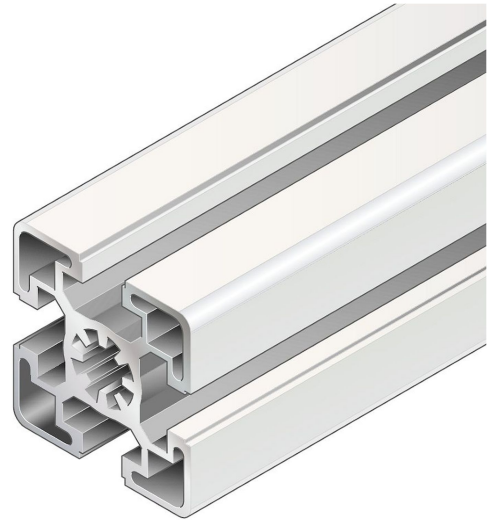
Item no. BRR-3842990640-1000

Manufacturer Bosch Rexroth

Anodized aluminum strut profile 45x45 mm with 45 mm modular dimension, 4 open slots (slot width 10) and D17/M12 through-bore for direct bolt assembly. Supplied at 1000 mm, profile surface 7.5 cm² - a load-bearing component for frames, guards and workstations in the Rexroth profile system 45.

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



31427

DESCRIPTION

The Strut Profile 45x45 D17/M12 from Bosch Rexroth is a symmetrical extruded aluminum profile on the 45 mm grid, with a central through-bore D17 for M12 fasteners. It integrates directly into the modular Rexroth profile system 45 without adapters, serving as the structural backbone for assembly frames, machine guards, conveyor structures and industrial workstations.

- 4 open slots (slot width 10) on all four faces allow tool-free positioning of connectors and accessories along the full profile length
- Anodized aluminum (natural finish) provides lasting corrosion resistance at a low mass of 2 kg/m
- Symmetric cross-section: $I_x = I_y = 13.8 \text{ cm}^4$, $W_x = W_y = 6.1 \text{ cm}^3$ - identical stiffness in both axes simplifies structural design
- Cut-to-length range from 90 mm to 6000 mm; this item supplied at 1000 mm, packaging unit 1 piece

TECHNICAL DATA

Property	Value
Cross-section	45x45 mm
Modular dimension	45 mm
Length (this item)	1000 mm
Length min / max	90 mm / 6000 mm

Property	Value
Open slots	4
Slot width (profile slot)	10 mm
Bore / thread	D17 / M12
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
Profile surface [A]	7.5 cm ²
Mass [m]	2 kg/m
Area moment of inertia I _x	13.8 cm ⁴
Area moment of inertia I _y	13.8 cm ⁴
Moment of resistance W _x	6.1 cm ³
Moment of resistance W _y	6.1 cm ³
Torsional moment of inertia [I _t]	2.65 cm ⁴
Moment of torsion resistance [W _t]	0.96 cm ³
Packaging unit	1 piece