

Strebenprofil 45x45L 0N, Aluminium eloxiert, 1000 mm - Bosch Rexroth 3842993761-1000

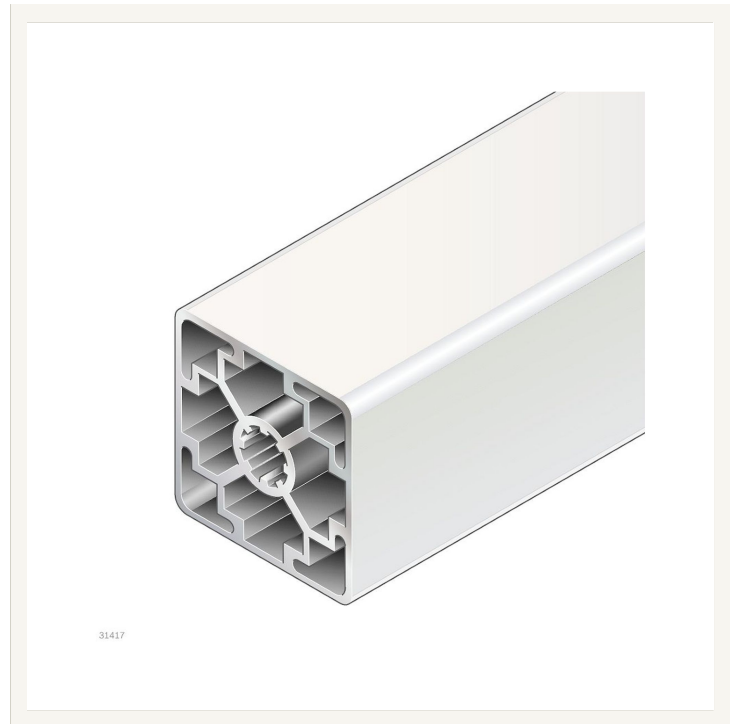
Item no. BRR-3842993761-1000

Manufacturer Bosch Rexroth

Extruded aluminum strut profile 45x45 mm (type 0N, no open slots) in natural anodized finish, cut to 1000 mm. Modular dimension 45 mm, slot width 10, mass 1.8 kg/m - suitable for assembly frames, machine enclosures, and protective guarding within the Bosch Rexroth profile system.

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	76042100



DESCRIPTION

The 45x45L 0N strut profile is a versatile extruded aluminum profile with a 45 mm modular dimension and a fully closed cross-section (type 0N, 0 open slots). Supplied anodized in natural finish for corrosion resistance, it integrates directly into the Bosch Rexroth profile system. This item is cut to 1000 mm.

- Closed cross-section (0 open slots) delivers high torsional rigidity: torsional moment of inertia $I_t = 16.2 \text{ cm}^4$, torsion resistance moment $W_t = 6.1 \text{ cm}^3$
- Symmetric bending stiffness: area moment of inertia $I_x = I_y = 13.5 \text{ cm}^4$, resistance moment $W_x = W_y = 6 \text{ cm}^3$
- Profile surface $A = 6.7 \text{ cm}^2$, mass 1.8 kg/m - favorable stiffness-to-weight ratio
- Standard profile finishing: M12 / D9.8 / D17 / DB17 (observe minimum lengths)
- Customized profile finishing available: DI / DIS / MT / MTS / MI / MIS / DG (DGmax = 45°, Lmin1/Lmin2 = 378/456 mm)
- Available cut to length: L min 50 mm, L max 6070 mm

TECHNICAL DATA

Property	Value
Cross-section	45x45L 0N
Dimensions	45x45 mm

Property	Value
Profile type	0N
Open slots	0
Profile slot	10
Modular dimension	45 mm
Length (this item)	1000 mm
Length min / max	50 mm / 6070 mm
Material	Aluminum, anodized
Color	Natural
Mass	1.8 kg/m
Profile surface [A]	6.7 cm ²
Area moment of inertia $I_x = I_y$	13.5 cm ⁴
Resistance moment $W_x = W_y$	6 cm ³
Torsional moment of inertia [It]	16.2 cm ⁴
Torsion resistance moment [Wt]	6.1 cm ³
Standard profile finishing	M12 / D9.8 / D17 / DB17
Customized profile finishing	DI / DIS / MT / MTS / MI / MIS / DG
Packaging unit	1
Recommended accessories	Cover cap 45x45 signal gray, Cover cap 45x45 black, Cover cap with hole 45x45 signal gray, Cap with hole 45x45 black