

Strebenprofil 30x30 M8/M8, 1000 mm, Aluminium eloxiert, 4 Nuten - Bosch Rexroth 3842990723-1000

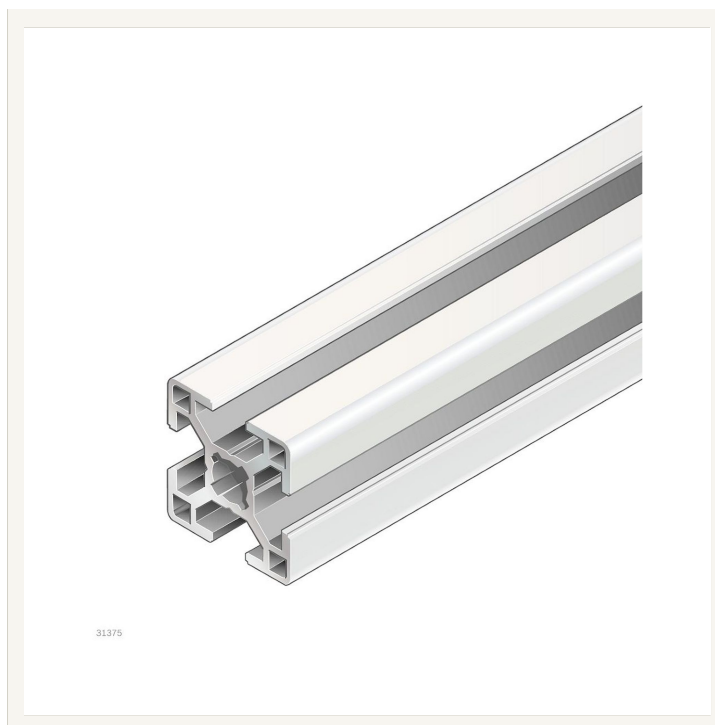
Item no. BRR-3842990723-1000

Manufacturer Bosch Rexroth

Extruded anodized aluminum strut profile with a 30x30 mm cross-section, 8 mm slot width, and four open slots for unrestricted connection on all sides. Designed for assembly frames, machine guards, and enclosures in the Rexroth 30 series grid. Supplied at 1000 mm; custom lengths available from 80 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 Strut Profile 30x30 M8/M8 from Bosch Rexroth is an anodized aluminum structural profile in the 30 mm modular grid, featuring four open 8 mm slots. At 0.9 kg/m it offers a high stiffness-to-weight ratio and integrates directly with all size-30 Rexroth connectors and accessories without additional machining.

- Four open slots on all sides allow connections in any direction without repositioning workpieces during assembly.
- Symmetrical 30x30 mm cross-section delivers equal load capacity in both axes: area moment of inertia $I_x = I_y = 2.8 \text{ cm}^4$, section modulus $W_x = W_y = 1.8 \text{ cm}^3$.
- Anodized surface provides lasting corrosion and abrasion resistance; natural color.
- Available cut to length from 80 mm to 6000 mm; this unit is 1000 mm.
- Profile area 3.1 cm^2 , torsional section modulus 0.33 cm^3 - suited to light and medium structural loads.

TECHNICAL DATA

Parameter	Value
Cross-section	30x30 mm
Modular dimension	30 mm
Slot width	8 mm

Parameter	Value
Open slots	4
Length (this unit)	1000 mm
Length min / max	80 mm / 6000 mm
Material	Aluminum, anodized
Color	Natural
Mass	0.9 kg/m
Profile surface [A]	3.1 cm ²
Area moment of inertia $I_x = I_y$	2.8 cm ⁴
Section modulus $W_x = W_y$	1.8 cm ³
Torsional moment of inertia [It]	0.29 cm ⁴
Torsional section modulus [Wt]	0.33 cm ³
Profile type	Standard
Packaging unit	1 piece