

Strebenprofil 30x60 mit 6 offenen Nuten, eloxiertes Aluminium, 1000 mm - Bosch Rexroth 3842992462-1000

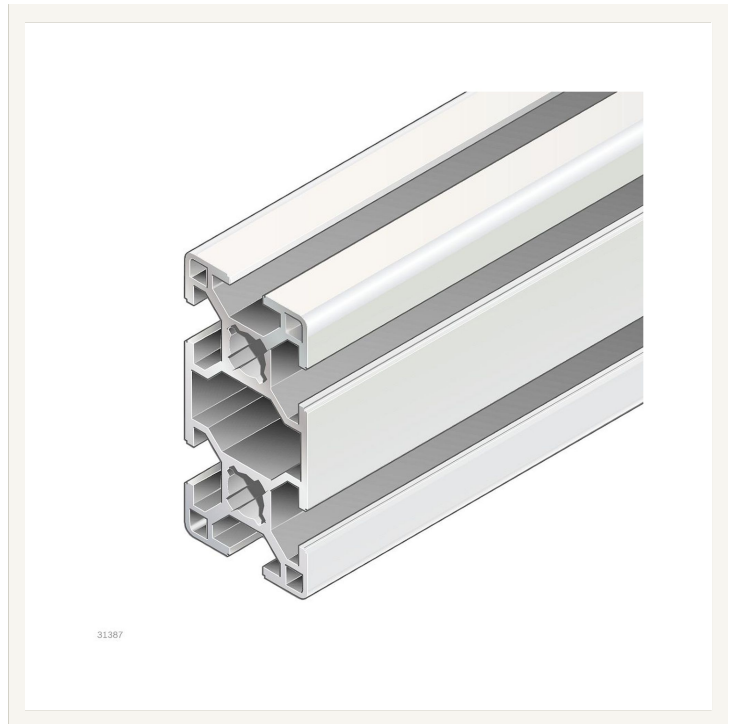
Item no. BRR-3842992462-1000

Manufacturer Bosch Rexroth

Strut profile 30x60 mm in anodized aluminum with 6 open slots (30 mm modular dimension) for flexible assembly and transfer systems. Pre-machined with M8 threads in all core channels and D11 bores in the slots - ready for immediate integration. Supplied in 1000 mm lengths; cut-to-length from 60 to 6000 mm available.

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 30x60 mm strut profile is a core structural element of the Bosch Rexroth aluminum profile system, designed for building assembly workstations, transfer lines, and machine guarding. The anodized surface provides lasting corrosion resistance; six open slots on the 30 mm grid accept connectors and attachments anywhere along the length without additional drilling.

- 6 open slots (slot 8) on a 30 mm grid - continuous positioning of connectors, brackets, and accessories along the full profile length
- Factory-machined: M8 threads in all core channels, D11 bores in slots B/F and C/E, D11V bores in slots A/D - reduces on-site preparation time
- Anodized aluminum - corrosion-resistant, lightweight at 1.5 kg/m, suitable for cleanroom and food-adjacent environments
- Area moment of inertia $I_x = 19.6 \text{ cm}^4$ / $I_y = 5.1 \text{ cm}^4$ - sufficient bending stiffness for horizontal and vertical load-bearing applications
- Supplied in 1000 mm; cut-to-length range 60-6000 mm - matches exact machine build dimensions

TECHNICAL DATA

Property	Value
Cross-section	30 x 60 mm
Profile type	Standard

Property	Value
Open slots	6
Profile slot	Slot 8
Modular dimension	30 mm
Length (this unit)	1000 mm
Length min / max	60 mm / 6000 mm
Mass	1.5 kg/m
Profile surface [A]	5.5 cm ²
Area moment of inertia I _x	19.6 cm ⁴
Area moment of inertia I _y	5.1 cm ⁴
Moment of resistance W _x	7.0 cm ³
Moment of resistance W _y	3.9 cm ³
Torsional moment of inertia [I _t]	2.6 cm ⁴
Moment of torsion resistance [W _t]	2.1 cm ³
Profile machining	M8 in all core channels; D11 in slots B/F, C/E; D11V in slots A/D
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece