

Strebenprofil 20x40, Aluminium eloxiert, variable Länge 50-3000 mm - Bosch Rexroth 3842992891-1000

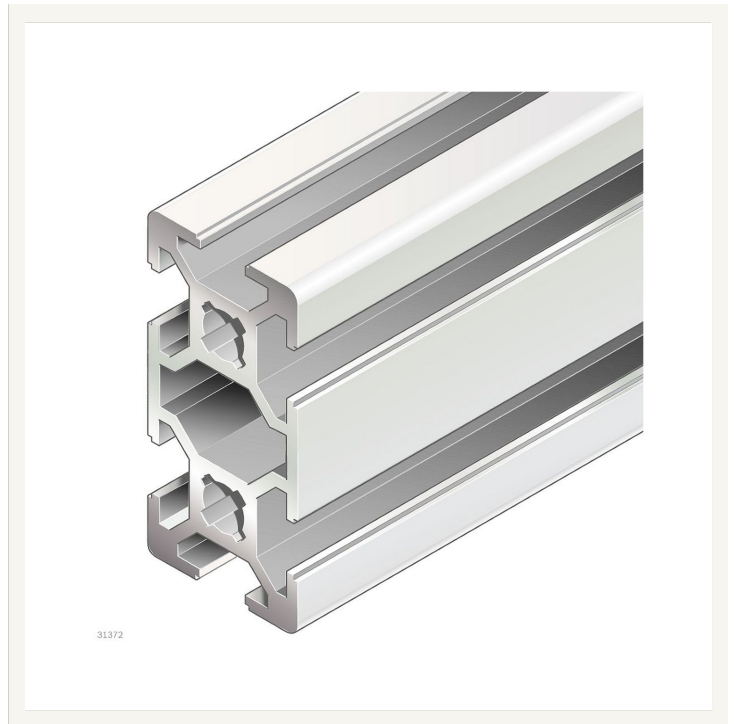
Item no. BRR-3842992891-1000

Manufacturer Bosch Rexroth

Rectangular strut profile 20x40 in anodized aluminum for assembly systems and frame structures on a 20 mm grid. Six open slots (6 mm width) allow connections in all orientations without repositioning. Supplied cut to length from 50 to 3000 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	76042100



DESCRIPTION

The Bosch Rexroth strut profile 20x40 is a slim rectangular aluminum profile with six open slots, designed for bracing, strut, and lightweight structural applications where space is limited but multi-directional connections are required. Manufactured on a 20 mm modular grid and supplied in natural anodized finish, it integrates directly into the Bosch Rexroth aluminum profile system.

- Six open slots (6 mm width) for connections in any direction without rotating the profile
- Variable cut length from 50 to 3000 mm - supplied to the exact dimension required
- Anodized aluminum: lightweight (0.8 kg/m), corrosion-resistant, surface-ready for immediate use
- Profile area 2.9 cm², area moment of inertia I_x 4.6 cm⁴ / I_y 1.2 cm⁴ - suited to strut and bracing loads
- Profile machining D8 (slots B/F, C/E) and D8V (slots A/D) available
- Cover caps 20x20 (signal gray or black) available as accessories; cover cap 20x20 required for clean end finish

TECHNICAL DATA

Property	Value
Cross-section	20x40 mm
Profile type	Standard
Modular dimension	20 mm

Property	Value
Profile slot width	6 mm
Open slots	6
Length min.	50 mm
Length max.	3000 mm
Condition on delivery	Variable length
Material	Aluminum, anodized
Color	Natural
Mass	0.8 kg/m
Profile area (A)	2.9 cm ²
Area moment of inertia I _x	4.6 cm ⁴
Moment of resistance W _x	2.5 cm ³
Area moment of inertia I _y	1.2 cm ⁴
Moment of resistance W _y	1.4 cm ³
Torsional moment of inertia (I _t)	0.68 cm ⁴
Moment of torsion resistance (W _t)	0.91 cm ³
Profile machining	D8: slots B/F, C/E; D8V: slots A/D
Packaging unit	1 piece
Recommended accessories	Cover cap 20x20, signal gray; Cover cap 20x20, black
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