

Strebenprofil 20x40 D8V/D8V, 1000 mm, 6 Nuten, Aluminium eloxiert - Bosch Rexroth 3842993501-1000

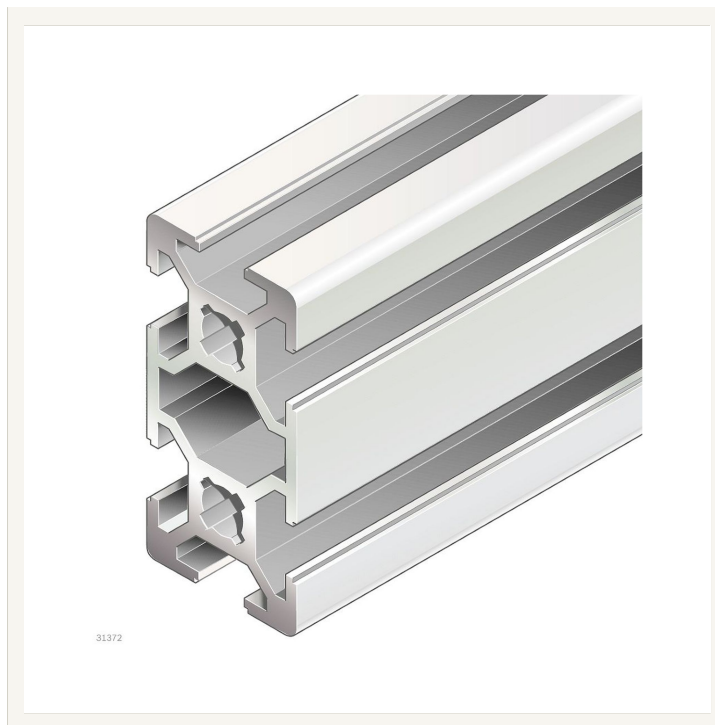
Item no. BRR-3842993501-1000

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with 20x40 mm cross-section and 6 open slots on a 20 mm modular grid, for frames, guards, and support structures in the Bosch Rexroth profile system. Supplied at 1000 mm; cut-to-length from 50 to 3000 mm available on request. The D8V machining provides ready-to-assemble threaded connections in slots A/D as well as B/F and C/E.

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 20x40 D8V/D8V in anodized aluminum is a core structural element of the Bosch Rexroth assembly system. Six open slots on a 20 mm modular grid, combined with an area moment of inertia of 4.6 cm⁴ in the x-direction, make it a reliable building block for machine frames, enclosures, and load-bearing structures.

- 6 open slots (20 mm modular grid) for direct attachment of connectors, brackets, and accessories from the Bosch Rexroth modular system
- D8V machining: pre-drilled connections in slots A/D and B/F, C/E - no secondary machining required on-site
- Anodized aluminum - corrosion-resistant, lightweight, and dimensionally stable; natural finish
- Supplied at 1000 mm; custom lengths from 50 to 3000 mm available on request
- Profile cross-section 2.9 cm², mass 0.8 kg/m - good stiffness-to-weight ratio

TECHNICAL DATA

Property	Value
Cross-section	20x40 mm
Modular dimension	20 mm
Open slots	6
Profile type	Standard

Property	Value
Profile machining	D8: slots B/F, C/E; D8V: slots A/D
Material	Aluminum, anodized
Color	Natural
Length (this unit)	1000 mm
Length min / max	50 mm / 3000 mm
Profile surface [A]	2.9 cm ²
Mass [m]	0.8 kg/m
Area moment of inertia X [Ix]	4.6 cm ⁴
Area moment of inertia Y [Iy]	1.2 cm ⁴
Moment of resistance X [Wx]	2.5 cm ³
Moment of resistance Y [Wy]	1.4 cm ³
Torsional moment of inertia [It]	0.68 cm ⁴
Moment of torsion resistance [Wt]	0.91 cm ³
Packaging unit	1 piece
Recommended accessories	Cover cap 20x20 signal gray, Cover cap 20x20 black