

Strebenprofil 40x80x80L, eloxiertes Aluminium, 8 Nuten, ESD-geeignet - Bosch Rexroth 3842993193-1000

Item no. BRR-3842993193-1000 **Manufacturer** Bosch Rexroth

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Angled aluminum strut profile with a 40x80x80 mm L-shaped cross-section and 8 open slots (10 mm wide) on a 40 mm modular grid. The anodized surface provides corrosion resistance and ESD suitability. Supplied cut-to-length between 50 mm and 6070 mm, it suits assembly frames, guards, and load-bearing structures in industrial automation.

TECHNICAL DATA

Article authenticity	Original product
Condition of article	New
Country of Manufacture	Germany
ESD-Ausführung	TEC
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



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth strut profile 40x80x80L is an angled aluminum extrusion in the 40 mm modular system with an L-shaped cross-section (40x80x80 mm). Eight open 10 mm slots running along the profile give full flexibility for connector and fastener placement on every face, making it a practical choice for assembly frames, machine guards, enclosures, and structural brackets in production environments. The anodized finish resists corrosion and wear; ESD suitability covers use in

electrostatically sensitive areas such as electronics manufacturing.

- L-shaped cross-section 40x80x80 mm - integrated right-angle geometry eliminates separate corner brackets in many configurations
- 8 open slots (10 mm) on a 40 mm grid - broad compatibility with standard Bosch Rexroth connectors and fasteners
- ESD-suitable - safe for use at ESD-protected workstations and in electronics assembly
- Cut-to-length from 50 mm to 6070 mm - ordered as a single piece, no minimum beyond the lower length limit
- Anodized aluminum - lightweight (4.2 kg per 1000 mm), corrosion-resistant, and low-maintenance

Technical data

Property	Value
Cross-section	40x80x80 mm (L-shaped)
Profile type	Angled
Modular dimension	40 mm
Profile slot width	10 mm
Open slots	8
ESD	Yes
Material	Aluminum, anodized
Color	Natural
Length min. (L min)	50 mm
Length max. (L max)	6070 mm
Mass (m)	4.2 kg
Profile surface area (A)	15.4 cm ²
Area moment of inertia X (Ix)	96.6 cm ⁴
Area moment of inertia Y (Iy)	96.6 cm ⁴
Moment of resistance X (Wx)	24.2 cm ³
Moment of resistance Y (Wy)	24.2 cm ³
Torsional moment of inertia (It)	19.6 cm ⁴
Moment of torsion resistance (Wt)	9.8 cm ³
Packaging unit	1 piece
Recommended accessories	Cover cap 40x80x80, signal gray; Cover cap 40x80x80, black