

Strebenprofil 40x40L M12/M12, eloxiertes Aluminium, ESD-geeignet - Bosch Rexroth 3842993122

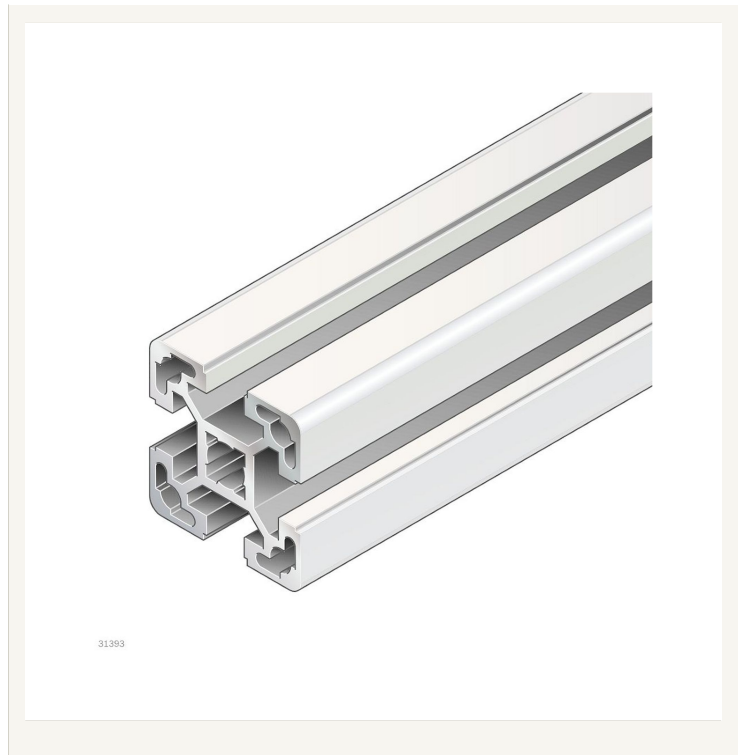
Item no. BRR-3842993122

Manufacturer Bosch Rexroth

Strut profile 40x40L in anodized aluminum for assembly systems, workstations, and machine frames. The symmetric cross-section with four open slots (modular dimension 40 mm, slot width 10 mm) and M12 threads at both ends allows flexible connections throughout the structure. ESD-suitable, cut-to-length from 110 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	0.1 kg
Zolltarifnummer	76169990



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 40x40L strut profile in anodized aluminum is a core component of the Bosch Rexroth profile system, suited for assembly lines, workbenches, guards, and machine structures. The symmetric L cross-section accepts standard connectors on all four sides, allowing the structure to be reconfigured without rebuilding. Anodized finish and ESD suitability make it compatible with electrostatic-sensitive production environments.

- Four open slots (10 mm width) for unrestricted connection points on every face
- M12 threads at both ends enable direct butt joints without additional adapters
- Anodized surface: corrosion-resistant, wear-resistant, ESD-suitable
- Cut-to-length from 110 to 6000 mm - supplied to exact dimension
- Mass 1.5 kg/m, area moment of inertia $I_x = I_y = 9.1 \text{ cm}^4$ - rigid under bending and torsion

TECHNICAL DATA

Property	Value
Cross-section	40x40L

Property	Value
Dimensions	40 x 40 mm
Modular dimension	40 mm
Profile slot width	10 mm
Open slots	4
End threads	M12 / M12
Length min.	110 mm
Length max.	6000 mm
Material	Aluminum, anodized
Color	Natural
ESD-suitable	Yes
Profile type	Standard
Mass	1.5 kg/m
Profile surface [A]	5.6 cm ²
Area moment of inertia I _x	9.1 cm ⁴
Area moment of inertia I _y	9.1 cm ⁴
Moment of resistance W _x	4.5 cm ³
Moment of resistance W _y	4.5 cm ³
Torsional moment of inertia [I _t]	1.3 cm ⁴
Moment of torsion resistance [W _t]	0.74 cm ³
Packaging unit	1