

Strebenprofil 40x40L M12, 1000 mm, eloxiertes Aluminium, ESD-geeignet - Bosch Rexroth 3842993121-1000

Item no. BRR-3842993121-1000

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with 40x40L cross-section and M12 center bore for flexible assembly and automation structures. The profile uses a 40 mm modular dimension, features 4 open slots (slot width 10 mm), and is ESD-suitable. This unit is 1000 mm; cut-to-length supply is available from 60 mm 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	0.0099 kg
Zolltarifnummer	76169990

STANDARDS & COMPLIANCE

ESD safe

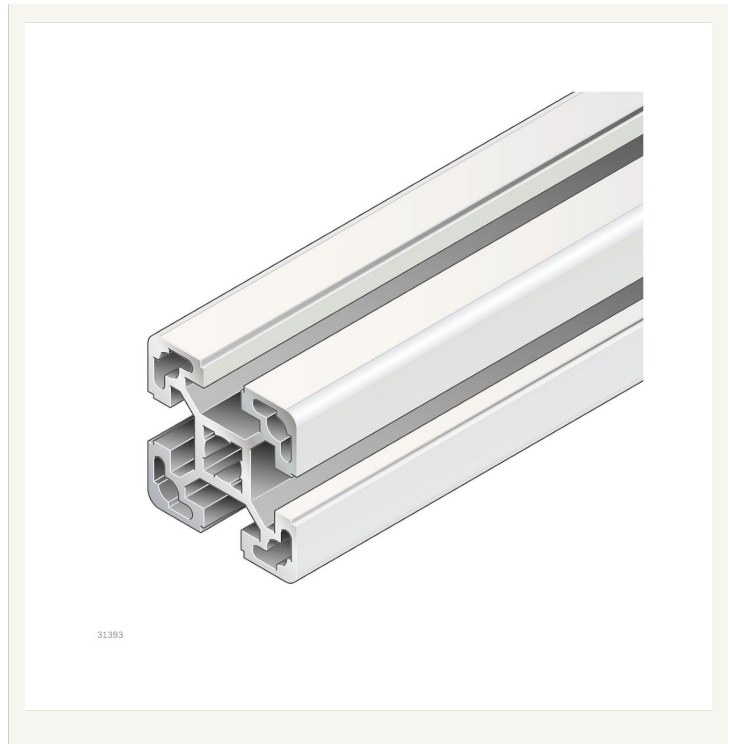
DESCRIPTION

The 40x40L M12 strut profile is an anodized aluminum structural element for modular assembly, conveyor, and automation systems. Four open longitudinal slots (10 mm width) allow fastening of connectors, brackets, and attachments on all sides. The M12 center bore enables direct miter-free face connections without additional angle brackets. ESD suitability makes the profile appropriate for electrostatically protected work areas.

- Four open slots (10 mm) for full mounting flexibility on all profile faces
- M12 center bore for direct end-face connection with minimal hardware
- Anodized aluminum construction - corrosion-resistant and lightweight at 1.5 kg/m
- ESD-suitable for use in electrostatic discharge protected areas
- Cut to length from 60 mm to 6000 mm; supplied as 1 piece per unit

TECHNICAL DATA

Parameter	Value
Cross-section	40x40L
Dimensions	40x40 mm



Parameter	Value
Modular dimension	40 mm
Profile slot width	10 mm
Open slots	4
Profile type	Standard
Center bore	M12
Color	Natural (anodized)
Material	Aluminum, anodized
ESD-suitable	Yes
Length (this unit)	1000 mm
Min / max length	60 mm / 6000 mm
Mass [m]	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 piece
Recommended accessories	Cover cap 40x40 signal gray, Cover cap 40x40 black, Cover cap with hole 40x40 signal gray, Cover cap with hole 40x40 black