

Strebenprofil 40x120L M12, 8 Nuten, eloxiertes Aluminium, ESD-geeignet - Bosch Rexroth 3842993140-1000

Item no. BRR-3842993140-1000 **Manufacturer** Bosch Rexroth

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Strut profile with 40x120L cross-section and 8 open slots (slot width 10 mm) in anodized aluminum, designed for structural frames, assembly workstations, and machine guarding. Pre-machined with M12 threads in all core bores and D17 holes in the lateral slots - ready to install without further drilling. ESD-suitable; available in lengths from 60 mm to 6000 mm, natural finish.

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	76169990



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 40x120L strut profile is a high-stiffness aluminum extrusion for building assembly systems, machine frames, and protective enclosures. With an area moment of inertia of 203.2 cm⁴ in the x-direction, it delivers strong bending resistance relative to its cross-section and is suited for structurally demanding applications.

- 8 open slots (slot width 10 mm, modular dimension 40 mm) allow flexible connections on all sides without cutting or retooling
- Factory-machined: M12 threads in all core bores, D17 holes in slots B/H, C/G, D/F, and D17V holes in slots A/E - no secondary machining needed
- ESD-suitable anodized aluminum - appropriate for electrostatically sensitive production environments
- Available from 60 mm to 6000 mm; packaging unit 1 piece
- Recommended accessories: cover caps 40x40 and 40x80 in signal gray or black

Technical data

Property	Value
Cross-section	40x120L
Dimensions [mm]	40 x 120
Modular dimension [mm]	40
Profile slot [mm]	10
Open slots	8
Profile type	Standard
Color	Natural
Material	Aluminum, anodized
ESD-suitable	Yes
Length min. [mm]	60
Length max. [mm]	6000
Mass [kg/m]	4.2
Profile surface A [cm ²]	15.5
Area moment of inertia I _x [cm ⁴]	203.2
Area moment of inertia I _y [cm ⁴]	27.8
Moment of resistance W _x [cm ³]	33.9
Moment of resistance W _y [cm ³]	13.9
Torsional moment of inertia I _t [cm ⁴]	17.2
Moment of torsion resistance W _t [cm ³]	10
Packaging unit	1