

Strebenprofil 40x120x120L, winkelig, ESD-geeignet, Aluminium eloxiert - Bosch Rexroth 3842993757

Item no. BRR-3842993757 **Manufacturer** Bosch Rexroth

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Angled aluminum strut profile with a 40x120x120 cross-section, 12 open slots and a modular dimension of 40 mm for building load-bearing assembly frames, guards and machine structures. The anodized surface provides corrosion resistance and ESD suitability, with custom lengths available from 50 to 6070 mm. Factory profile finishing options include drilling, tapping and diagonal cuts.

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	0.1 kg
Zolltarifnummer	76042100



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth strut profile 40x120x120L is an angled aluminum profile with a symmetric 40x120x120 mm cross-section, 12 open slots (slot width 10 mm) and a modular pitch of 40 mm. The anodized, ESD-suitable finish makes it the right choice for assembly frames, safety guards, fixtures and structural elements in electrostatically sensitive production environments.

- 12 open slots (10 mm width) provide maximum connection flexibility on all profile faces
- Symmetric area moments of inertia $I_x = I_y = 318 \text{ cm}^4$ deliver consistent bending stiffness in both axes
- ESD-suitable anodized surface protects sensitive assemblies in electrostatic discharge-controlled areas
- Available in lengths from 50 to 6070 mm with standard and customized factory finishing
- Standard finishing: M12 / D9.8 / D17 / DB17 / F1 at specified slots (observe minimum length requirements)
- Customized finishing: DI / DIS / MT / MTS / MI / MIS / DG ($DG_{\max} = 45^\circ$, $L_{\min 1}/L_{\min 2} = 420/540 \text{ mm}$)

Technical data

Property	Value
Cross-section	40x120x120
Profile type	Angled
Profile slot [mm]	10
Modular dimension [mm]	40
Open slots	12
Length min / max [mm]	50 / 6070
Mass [kg/m]	6.7
Profile surface A [cm ²]	24.6
Area moment of inertia $I_x = I_y$ [cm ⁴]	318
Moment of resistance $W_x = W_y$ [cm ³]	42.2
Torsional moment of inertia I_t [cm ⁴]	37.1
Moment of torsion resistance W_t [cm ³]	19
Material	Aluminum, anodized
Color	Natural
ESD-suitable	Yes
Packaging unit	1