

Strebenprofil 40x120x120L, winkelig, ESD, eloxiertes Aluminium, 1000 mm - Bosch Rexroth 3842993757-1000

Item no. BRR-3842993757-1000

Manufacturer Bosch Rexroth

Angled aluminum strut profile with a 40x120x120L cross-section for building frames, machine guards, and structural assemblies. ESD-rated, anodized (natural color), with 12 open slots (slot width 10 mm) and a modular dimension of 40 mm. Supplied at 1000 mm; custom cutting and finishing available from 50 to 6070 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	76042100



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STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The strut profile 40x120x120L is an angled aluminum structural profile from the Bosch Rexroth profile system, designed for frames, machine guards, protective enclosures, and load-bearing assemblies in manufacturing and automation environments. Its ESD rating makes it suitable for use in electrostatically sensitive areas, and 12 open slots provide flexible connection options without additional machining.

- Angled 40x120x120L cross-section - high bending stiffness at low weight ($I_x = I_y = 318 \text{ cm}^4$)
- 12 open slots (width 10 mm, modular dimension 40 mm) for direct attachment of connectors, brackets, and accessories
- ESD-rated - safe for use in electrostatically sensitive production and test environments
- Anodized aluminum (natural color) - corrosion-resistant, dimensionally stable, ready to use as supplied
- Supplied at 1000 mm; custom cutting and individual profile finishing (DI, DIS, MT, MTS, MI, MIS, DG) available from 50 to 6070 mm
- Standard profile finishing M12, D9.8, D17, DB17, F1 at defined slots (observe minimum length requirements)

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TECHNICAL DATA

Property	Value
Cross-section	40x120x120L
Dimensions	40 x 120 x 120 mm
Profile type	angled
Supply length	1000 mm
Length min / max	50 mm / 6070 mm
Profile slot width	10 mm
Modular dimension	40 mm
Open slots	12
Profile surface [A]	24.6 cm ²
Area moment of inertia X [Ix]	318 cm ⁴
Moment of resistance X [Wx]	42.2 cm ³
Area moment of inertia Y [Iy]	318 cm ⁴
Moment of resistance Y [Wy]	42.2 cm ³
Torsional moment of inertia [It]	37.1 cm ⁴
Moment of torsion resistance [Wt]	19 cm ³
Mass	6.7 kg/m
Material	Aluminum, anodized
Color	Natural
ESD-rated	yes
Packaging unit	1
Customized finishing	DI / DIS / MT / MTS / MI / MIS / DG
Standard finishing	M12 / D9.8 (B,C,J,K) / D17 / DB17 (A,B,C,D,I,J,K,L) / F1 (D,I)
Finishing note	DGmax = 45°, Lmin1 / Lmin2 = 420 / 540 mm