

Strebenprofil 40x120x120L, winkelig, Aluminium eloxiert, ESD-geeignet, variable Länge 50-6070 mm - Bosch Rexroth 3842993653-1000

Item no. BRR-3842993653-1000

Manufacturer Bosch Rexroth

Angled aluminum strut profile with a 40x120x120L cross-section and 12 open slots for versatile connections. Anodized natural finish, ESD-compatible, and cut to length from 50 mm to 6070 mm. Designed for machine frames, safety guards, conveyors, and ergonomic workstation systems in the 40 mm grid.

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

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth strut profile 40x120x120L is an angled extruded aluminum profile in the 40 mm modular grid, featuring 12 open slots with a 10 mm slot width. The angled cross-section combines the load-bearing capacity of a wide rectangular profile with a geometry suited for corner and frame connections using a single profile. The anodized surface is ESD-compatible and provides reliable wear protection.

- 12 open profile slots (slot width 10 mm) allow versatile connections without additional machining
- Angled profile type 40x120x120L enables corner and frame assemblies with one profile
- ESD-compatible: safe for use in electrostatically sensitive production environments
- Variable length from 50 mm to 6070 mm, cut to order (packaging unit: 1 piece)
- High bending stiffness: area moment of inertia $I_x = I_y = 318 \text{ cm}^4$, moment of resistance $W_x = W_y = 42.2 \text{ cm}^3$

TECHNICAL DATA

Property	Value
Cross-section	40x120x120L



Property	Value
Profile type	angled
Modular dimension	40 mm
Profile slot (width)	10 mm
Open slots	12
Dimensions	40x120x120 mm
Length min (L min)	50 mm
Length max (L max)	6070 mm
Condition on delivery	variable length
Packaging unit	1 piece
Material	Aluminum, anodized
Color	Natural
ESD	yes
Profile surface (A)	24.6 cm ²
Mass (m)	6.7 kg/m
Area moment of inertia X (I _x)	318 cm ⁴
Area moment of inertia Y (I _y)	318 cm ⁴
Moment of resistance X (W _x)	42.2 cm ³
Moment of resistance Y (W _y)	42.2 cm ³
Torsional moment of inertia (I _t)	37.1 cm ⁴
Moment of torsion resistance (W _t)	19 cm ³
Recommended accessories	Cover cap 40x40 signal gray, Cover cap 40x40 black, Cover cap 40x80 signal gray, Cover cap 40x80 black