

Strebenprofil 40x80x80L, winkelig, ESD, eloxiertes Aluminium - Bosch Rexroth 3842993730

Item no. BRR-3842993730 **Manufacturer** Bosch Rexroth

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Angled aluminum strut profile with a 40x80x80L cross-section for building ESD-safe assembly and workstation structures. Eight open slots (slot width 10 mm, modular dimension 40 mm) allow connections in any direction. Cut-to-length from 50 mm to 6070 mm, with standard and customized profile finishing available.

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 40x80x80L is an angled, anodized aluminum profile designed for assembly systems and workstations where ESD protection is required. With eight open slots, a modular dimension of 40 mm, and a slot width of 10 mm, it integrates directly into the Rexroth profile system. Identical area moments of inertia in both the x- and y-directions (96.6 cm⁴ each) deliver a stiff, load-bearing structure even across longer spans.

- ESD-compliant: anodized aluminum suitable for electrostatic protected areas
- Angled profile (40x80x80): enables stable corner and frame assemblies without additional angle brackets
- 8 open slots for maximum connection flexibility in all directions
- Cut-to-length: L min 50 mm, L max 6070 mm
- Standard profile finishing M12 / D9.8 / D17 / DB17 available ex-works
- Customized finishing DI / DIS / MT / MTS / MI / MIS / DG on request (observe minimum lengths)

Technical data

Property	Value
Cross-section	40x80x80L
Dimensions	40 x 80 x 80 mm
Profile type	Angled
Modular dimension	40 mm
Profile slot	10 mm
Open slots	8
Length min (L min)	50 mm
Length max (L max)	6070 mm
Mass (m)	4.2 kg/m
Profile surface (A)	15.4 cm ²
Area moment of inertia X (Ix)	96.6 cm ⁴
Area moment of inertia Y (Iy)	96.6 cm ⁴
Moment of resistance X (Wx)	24.2 cm ³
Moment of resistance Y (Wy)	24.2 cm ³
Torsional moment of inertia (It)	19.6 cm ⁴
Moment of torsion resistance (Wt)	9.8 cm ³
DGmax / Lmin1 / Lmin2	45° / 439 mm / 578 mm
Material	Aluminum, anodized
ESD	Yes
Color	Natural
Packaging unit	1
Recommended accessories	Cover cap 40x80x80, signal gray / black