

Strebenprofil 40x80L, eloxiertes Aluminium, ESD- geeignet, variable Länge 50-6070 mm - Bosch Rexroth 3842993130

Item no. BRR-3842993130

Manufacturer Bosch Rexroth

The 40x80L strut profile in anodized aluminium is designed for building load-bearing frames, workstation structures and protective enclosures on a 40 mm modular grid. Six open slots (10 mm wide), ESD suitability and cut-to-length delivery from 50 mm to 6070 mm provide maximum flexibility for assembly environments. Factory-machined M12 threads and D17 bores reduce on-site assembly time.

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	0.1 kg
Zolltarifnummer	76042100

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth 40x80L strut profile is an anodized aluminium section for constructing rigid frames, assembly stations and machine guards on the standard 40 mm grid system. The asymmetric 40x80 cross-section delivers significantly higher bending stiffness in the x-direction than a square 40x40 profile, making it the right choice wherever vertical loads or spanning distances are the design constraint. ESD suitability is confirmed by the manufacturer for use in electrostatic-protected areas (EPA).

- 6 open slots (10 mm width) on all faces - accessible along the full profile length for connectors, T-nuts and attachments without repositioning
- Cut-to-length delivery: order any length from 50 mm to 6070 mm - no on-site sawing required
- Factory machining: M12 threads in all core bores, D17 bores in slots B/F and C/E, D17V bores in slots A/D - assembly-ready on arrival
- ESD-suitable for use in electronics manufacturing and test environments
- Anodized aluminium in natural colour - corrosion-resistant, dimensionally stable and lightweight



TECHNICAL DATA

Parameter	Value
Cross-section	40x80L
Dimensions	40x80 mm
Modular dimension	40 mm
Profile slot width	10 mm
Open slots	6
Profile type	Standard
Length min (L min)	50 mm
Length max (L max)	6070 mm
Mass (m)	2.7 kg/m
Profile surface area (A)	9.9 cm ²
Area moment of inertia, x (Ix)	63.4 cm ⁴
Moment of resistance, x (Wx)	15.9 cm ³
Area moment of inertia, y (Iy)	17.3 cm ⁴
Moment of resistance, y (Wy)	8.7 cm ³
Torsional moment of inertia (It)	8.02 cm ⁴
Torsion resistance moment (Wt)	4.8 cm ³
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Condition on delivery	Variable length
Packaging unit	1
Factory machining	M12: all core bores; D17: slots B/F, C/E; D17V: slots A/D
Recommended accessories	Cover cap 40x80 signal gray/black, cover cap with hole 40x80 signal gray/black