

Strebenprofil 40x80L, 1000 mm, eloxiertes Aluminium, ESD-geeignet - Bosch Rexroth 3842993130-1000

Item no. BRR-3842993130-1000

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with a 40x80L cross-section for building assembly and automation structures. Six open slots, a 40 mm modular dimension, and confirmed ESD suitability make it the right choice for frames and workstation equipment in electronics manufacturing. Supplied cut to the required length between 50 mm and 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



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth Strut Profile 40x80L is an anodized aluminum profile for the Rexroth assembly technology modular system. Its six open slots, 40 mm modular dimension, and verified ESD suitability make it well suited to assembly stations, tool carriers, and frames where electrostatic discharge must be controlled.

- Six open slots for connectors and attachments in all axis directions
- ESD-suitable - safe for use in electrostatic-sensitive production environments
- Variable length from 50 mm to 6070 mm, cut to size at the factory
- Pre-machined bores: M12 in all core pulls, D17 in slots B/F and C/E, D17V in slots A/D
- Profile area 9.9 cm², mass 2.7 kg/m - good stiffness-to-weight ratio

TECHNICAL DATA

Property	Value
Cross-section	40x80L
Dimensions	40 x 80 mm
Modular dimension	40 mm

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Page 1/2

Property	Value
Open slots	6
Profile slot	10
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Length min (L min)	50 mm
Length max (L max)	6070 mm
Condition on delivery	Variable length
Mass (m)	2.7 kg/m
Profile surface (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
Moment of torsion resistance (Wt)	4.8 cm ³
Profile machining	M12 in all core pulls; D17 in slots B/F, C/E; D17V in slots A/D
Packaging unit	1
Recommended accessories	Cover cap 40x80 signal gray, Cover cap 40x80 black, Cover cap with hole 40x80 signal gray, Cover cap with hole 40x80 black