

Strebenprofil 45x180, 1000 mm, Aluminium eloxiert, ESD-geeignet - Bosch Rexroth 3842990335-1000

Item no. BRR-3842990335-1000

Manufacturer Bosch Rexroth

Extruded anodized aluminum profile (45x180 mm) for high-load strut and support structures in the Bosch Rexroth modular assembly system. Features 10 open profile slots (45 mm grid), an area moment of inertia of 766.7 cm⁴ in the x-direction, and ESD suitability - supplied in variable cut lengths from 50 mm 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



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth Strut Profile 45x180 is an anodized aluminum profile designed for use as a strut or beam in assembly technology structures. The asymmetric 45x180 mm cross-section delivers an area moment of inertia of 766.7 cm⁴ and a moment of resistance of 85.2 cm³ in the x-direction, making it well suited for applications with higher bending loads. The profile carries ESD approval and is available in cut-to-length form between 50 mm and 6070 mm.

- 10 open profile slots (45 mm grid) for flexible attachment of connectors and add-on components
- Pre-machined: M12 in all core pulls; D17 in slots B/J and E/G; D17V in slots A/F
- Anodized aluminum (natural color) - corrosion-resistant with a hard surface finish
- ESD-suitable for use in electrostatically sensitive assembly environments
- Variable cut length on order (L min 50 mm, L max 6070 mm), packaging unit 1 piece
- Recommended accessories: Cover cap 45x180 in signal gray or black

TECHNICAL DATA

Property	Value
Cross-section	45x180 mm

boxic24.com

Keldersstr. 15

42697 Solingen, Deutschland

VAT ID: DE269659389

Phone: +49 212 38340680

shop@boxic24.com

boxic24.com

Page 1/2

Property	Value
Profile type	Standard
Modular dimension	45 mm
Open slots	10
Profile slot	10
Length min (L min)	50 mm
Length max (L max)	6070 mm
Mass (m)	6.9 kg
Profile surface (A)	25.5 cm ²
Area moment of inertia x (Ix)	766.7 cm ⁴
Moment of resistance x (Wx)	85.2 cm ³
Area moment of inertia y (Iy)	57.3 cm ⁴
Moment of resistance y (Wy)	25.5 cm ³
Torsional moment of inertia (It)	44.4 cm ⁴
Moment of torsion resistance (Wt)	17 cm ³
Profile machining	M12: all core pulls; D17: slots B/J, E/G; D17V: slots A/F
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Condition on delivery	Variable length
Packaging unit	1 piece