

Strebenprofil 45x180 M12, Aluminium eloxiert, 1000 mm - Bosch Rexroth 3842990336-1000

Item no. BRR-3842990336-1000

Manufacturer Bosch Rexroth

Heavy-duty strut profile 45x180 in anodized aluminum with M12 tapped cores and 10 open slots for load-bearing frames and machine structures. The 45 mm modular dimension ensures full compatibility with the Bosch Rexroth assembly technology system. Supplied in 1000 mm; custom lengths available from 60 mm to 6000 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	76169990



DESCRIPTION

The strut profile 45x180 M12 is a structural aluminum profile for heavy load-bearing frames, machine bases, and industrial automation systems. An area moment of inertia of 766.7 cm⁴ in the x-direction and a moment of resistance of 85.2 cm³ deliver high bending strength at low weight. M12 tapped cores in all core channels plus D17 and D17V pre-drilled slots allow direct bolted connections without additional machining.

- 10 open T-slots (slot size 10) for flexible attachment of connectors, brackets, and add-on components
- 45 mm modular dimension - fully compatible with the Bosch Rexroth 45-series profile system
- Anodized aluminum surface - corrosion-resistant, wear-resistant, natural color
- Available lengths: 60 mm to 6000 mm; standard delivery 1000 mm

TECHNICAL DATA

Property	Value
Cross-section	45 x 180 mm
Modular dimension	45 mm
Profile type	Standard
Open slots	10
Slot size	10

Property	Value
Profile adaption	M12 in all core channels; D17 in slots B/J, E/G; D17V in slots A/F
Material	Aluminum, anodized
Color	Natural
Length (delivery)	1000 mm
Length min / max	60 mm / 6000 mm
Mass [m]	6.9 kg
Profile surface [A]	25.5 cm ²
Area moment of inertia [Ix]	766.7 cm ⁴
Area moment of inertia [Iy]	57.3 cm ⁴
Moment of resistance [Wx]	85.2 cm ³
Moment of resistance [Wy]	25.5 cm ³
Torsional moment of inertia [It]	44.4 cm ⁴
Moment of torsion resistance [Wt]	17 cm ³
Packaging unit	1 piece
Recommended accessories	Cover cap 45x180 signal gray, Cover cap 45x180 black