

Strebenprofil 45x180 M12, 10 Nuten, eloxiertes Aluminium - Bosch Rexroth 3842990336

Item no. BRR-3842990336

Manufacturer Bosch Rexroth

Heavy-duty aluminum strut profile with a 45x180 mm cross-section, M12 tapped cores, and 10 open profile slots for constructing rigid machine frames and load-bearing structures. Available cut to length from 60 to 6000 mm. Material: anodized aluminum, natural color.

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	76169990



DESCRIPTION

The Bosch Rexroth Strut Profile 45x180 M12 is a tall-section aluminum profile on the 45 mm grid, offering 10 open slots for versatile assembly. Its high area moment of inertia in the x-direction makes it the right choice wherever long spans or heavy loads demand maximum bending stiffness - for example as longitudinal beams, bridge structures, or vertical columns in machine and system frames. The anodized surface provides lasting corrosion and wear resistance with no additional finishing required.

- High area moment of inertia in x-direction (766.7 cm⁴) for outstanding bending stiffness over long spans
- M12 tapped cores in all webs plus D17 and D17V bores in the slots allow direct bolt connections without reworking
- 10 open profile slots (size 10) are compatible with the full range of Bosch Rexroth T-slot accessories
- Cut-to-length from 60 to 6000 mm - project-specific lengths supplied directly from the factory
- Anodized aluminum: corrosion-resistant, lightweight, and ready to install

TECHNICAL DATA

Property	Value
Cross-section	45x180 mm

Property	Value
Modular dimension	45 mm
Profile type	Standard
Open slots	10 (slot size 10)
Color	Natural
Material	Aluminum, anodized
Length min. (L min)	60 mm
Length max. (L max)	6000 mm
Mass (m)	6.9 kg/m
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 adaption	M12 in all tapped cores; D17 in slots B/J, E/G; D17V in slots A/F
Packaging unit	1 piece
Recommended accessories	Cover cap 45x180 signal gray, Cover cap 45x180 black