

Strebenprofil 45x180 D17V/D17V, 1000 mm, Aluminium eloxiert, 10 offene Nuten - Bosch Rexroth 3842990344-1000

Item no. BRR-3842990344-1000

Manufacturer Bosch Rexroth

Extruded anodized aluminum strut profile with a 45x180 mm cross-section, 10 open slots, and factory-machined connections (M12 in all core bores, D17 in slots B/J and E/G, D17V in slots A/F) for immediate integration into Bosch Rexroth assembly technology structures. Delivered at a fixed length of 1000 mm; custom lengths from 80 mm to 6000 mm are available. Recommended accessories: cover caps 45x180 in signal gray or black.

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 D17V/D17V from Bosch Rexroth is a standard anodized aluminum profile with 10 open slots and a modular dimension of 45 mm. Its area moment of inertia of 766.7 cm⁴ in the x-direction and a moment of resistance of 85.2 cm³ deliver high bending stiffness for load-bearing frames and assembly structures.

- 10 open slots allow connections at any position along the profile without re-orientation or drilling
- Factory-machined ready to install: M12 in all core bores, D17 in slots B/J and E/G, D17V in slots A/F
- Anodized aluminum (natural color) - corrosion-resistant with a durable surface finish
- Available in lengths from 80 mm to 6000 mm; supplied as single unit at 1000 mm
- Torsional moment of resistance 17 cm³ and torsional moment of inertia 44.4 cm⁴ for torsionally rigid assemblies

TECHNICAL DATA

Property	Value
Cross-section	45x180 mm
Modular dimension	45 mm
Open slots	10
Profile type	Standard

boxic24.com

Keldersstr. 15

42697 Solingen, Deutschland

VAT ID: DE269659389

Phone: +49 212 38340680

shop@boxic24.com

boxic24.com

Page 1/2

Property	Value
Material	Aluminum, anodized
Color	Natural
Delivery length	1000 mm
Length min / max	80 mm / 6000 mm
Profile surface [A]	25.5 cm ²
Mass [m]	6.9 kg/m
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
Torsional moment of resistance [Wt]	17 cm ³
Profile adaption	M12: all core bores; D17: slots B/J, E/G; D17V: slots A/F
Packaging unit	1 piece
Recommended accessories	Cover cap 45x180, signal gray; Cover cap 45x180, black