

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

Item no. BRR-3842990344

Manufacturer Bosch Rexroth

Strut profile 45x180 mm with D17V drilling in slots A and F for direct bolt-on assembly. Anodized aluminum in natural finish, cut to length from 80 to 6000 mm, 10 open slots for versatile connector attachment. Suited for load-bearing frames and guarding structures in the Bosch Rexroth profile system.

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 45x180 strut profile (D17V/D17V) is an asymmetric aluminum extrusion for load-bearing frames and structural assemblies within the Bosch Rexroth profile system. An area moment of inertia of 766.7 cm⁴ in the x-direction delivers high bending stiffness for cross-beam and cantilever applications. D17V drilling in slots A and F allows direct bolted connections without additional machining. M12 tapped holes in all core bores and D17 drilling in slots B/J and E/G provide further connection options across the profile face.

- High bending stiffness: $I_x = 766.7 \text{ cm}^4$, $W_x = 85.2 \text{ cm}^3$ for structural cross members
- D17V drilling in slots A/F - direct bolt assembly, no additional machining required
- 10 open slots on 45 mm pitch for flexible attachment of connectors and add-on components
- Cut to length: 80 to 6000 mm, supplied as single piece (packaging unit 1)
- Anodized aluminum, natural color - corrosion-resistant with a durable surface finish

TECHNICAL DATA

Parameter	Value
Cross-section	45 x 180 mm
Modular dimension	45 mm
Open slots	10
Profile slot	10

Parameter	Value
Profile type	Standard
Profile adaption	M12 in all core bores; D17 in slots B/J, E/G; D17V in slots A/F
Material	Aluminum, anodized
Color	Natural
Length min.	80 mm
Length max.	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
Moment of torsion resistance (Wt)	17 cm ³
Packaging unit	1 piece
Recommended accessories	Cover cap 45x180 signal gray, Cover cap 45x180 black