

Strebenprofil 45x90 D17/D17V, Aluminium eloxiert, 6 Nuten - Bosch Rexroth 3842990311

Item no. BRR-3842990311

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with a 45x90 mm cross-section, six open slots, and a 45 mm modular dimension for integration into Bosch Rexroth transfer and assembly systems. Available cut to length from 80 mm to 6000 mm. D17, D17V, M12, and M16 profile adaptations are prepared in the respective slots and cores.

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 45x90 D17/D17V strut profile in anodized aluminum provides a rigid structural member for machine frames, conveyor systems, and assembly lines within the Bosch Rexroth profile system. Six open slots and the 45 mm modular grid allow direct integration with existing 45-series components.

- Six open slots (slot type 10) for flexible connections on all faces
- Area moment of inertia I_x 124.6 cm⁴ and moment of resistance W_x 27.7 cm³ for high bending stiffness in the x-direction
- Profile adaptations D17 in slots B/F and C/E, D17V in slots A/D, plus M12 and M16 in all cores
- Anodized finish (natural color) for corrosion resistance and a uniform appearance
- Cut-to-length from 80 mm to 6000 mm, supplied as individual pieces

TECHNICAL DATA

Property	Value
Cross-section	45x90 mm
Modular dimension	45 mm
Open slots	6
Profile slot	10
Profile type	Standard

Property	Value
Material	Aluminum, anodized
Color	Natural
Length min (L min)	80 mm
Length max (L max)	6000 mm
Profile surface (A)	15.4 cm ²
Mass (m)	4.2 kg/m
Area moment of inertia x (Ix)	124.6 cm ⁴
Moment of resistance x (Wx)	27.7 cm ³
Area moment of inertia y (Iy)	32.8 cm ⁴
Moment of resistance y (Wy)	14.6 cm ³
Torsional moment of inertia (It)	15.4 cm ⁴
Moment of torsion resistance (Wt)	6.61 cm ³
Profile adaptation	M12, M16: all cores - D17: slots B/F, C/E - D17V: slots A/D
Recommended accessories	Cover cap 45x90 black, cover cap 45x90 signal gray, cover cap with hole 45x90 black, cover cap with hole 45x90 signal gray
Packaging unit	1 piece