

Strebenprofil 45x90 D17V/D17V, Aluminium eloxiert, 6 Nuten, Zuschnitt 80-6000 mm - Bosch Rexroth 3842990309

Item no. BRR-3842990309

Manufacturer Bosch Rexroth

Asymmetric aluminum strut profile with a 45x90 mm cross-section, 6 open slots, and D17V machining on both faces. Modular dimension 45 mm, natural anodized finish, supplied cut to length from 80 to 6000 mm. Designed for frames, supports, and diagonal bracing within 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 strut profile 45x90 D17V/D17V is an asymmetric aluminum profile for load-bearing frames, support structures, and diagonal bracing in the Bosch Rexroth transfer system. The 45x90 mm cross-section delivers an area moment of inertia of 124.6 cm⁴ in the x-direction - significantly higher bending stiffness than a square 45x45 profile - while keeping the linear mass at 4.2 kg/m.

- 6 open slots (slot width 10 mm) - connectors, clamps, and accessories insertable without disassembly
- D17V machining in slots A/D - direct bolt connection without pre-drilling
- Natural anodized aluminum - corrosion-resistant and surface-ready out of the box
- Cut to length from 80 mm to 6000 mm, packaging unit 1 piece
- 45 mm modular dimension - fully compatible with the Bosch Rexroth 45-series profile system

TECHNICAL DATA

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

Property	Value
Profile slot	10
Profile machining	M12, M16 in all core bores; D17 in slots B/F, C/E; D17V in slots A/D
Material	Aluminum, anodized
Color	Natural
Mass [m]	4.2 kg/m
Profile surface [A]	15.4 cm ²
Area moment of inertia [Ix]	124.6 cm ⁴
Moment of resistance [Wx]	27.7 cm ³
Area moment of inertia [Iy]	32.8 cm ⁴
Moment of resistance [Wy]	14.6 cm ³
Torsional moment of inertia [It]	15.4 cm ⁴
Moment of torsion resistance [Wt]	6.61 cm ³
Length min.	80 mm
Length max.	6000 mm
Packaging unit	1 piece
Recommended accessories	Cover cap 45x90 black, cover cap 45x90 signal gray, cover cap with hole 45x90 black, cover cap with hole 45x90 signal gray