

Strebenprofil 45x90 D17V, 1000 mm, Aluminium eloxiert, 6 offene Nuten - Bosch Rexroth 3842990331-1000

Item no. BRR-3842990331-1000

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with a 45x90 mm cross-section, 6 open slots, and profile slot 10 for full compatibility with the Bosch Rexroth size-45 assembly system. The D17V machining in slots A/D allows direct connector attachment without additional drilling. Supplied at 1000 mm; cut-to-length from 60 to 6000 mm available.

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 45x90 D17V strut profile in anodized aluminum is a standard member of the Bosch Rexroth profile series 45. With six open slots and a modular dimension of 45 mm, it integrates directly with Rexroth connectors, brackets, and linear units for machine frames, workstations, guarding, and conveyor structures.

- 6 open slots for connection flexibility on all faces
- D17V machining in slots A/D - connectors fit without reworking the profile
- High bending stiffness: area moment of inertia $I_x = 124.6 \text{ cm}^4$, $W_x = 27.7 \text{ cm}^3$
- Anodized surface: corrosion-resistant, wear-resistant, sealed finish
- Length 1000 mm; cut-to-length from 60 to 6000 mm available

TECHNICAL DATA

Property	Value
Cross-section	45x90 mm
Modular dimension	45 mm
Profile slot	10
Profile type	Standard
Open slots	6
Profile machining	M12, M16: all core bores; D17: slots B/F, C/E; D17V: slots A/D

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Page 1/2

Property	Value
Length (this unit)	1000 mm
Length min / max	60 mm / 6000 mm
Material	Aluminum, anodized
Color	Natural
Profile surface [A]	15.4 cm ²
Mass [m]	4.2 kg/m
Area moment of inertia I _x	124.6 cm ⁴
Moment of resistance W _x	27.7 cm ³
Area moment of inertia I _y	32.8 cm ⁴
Moment of resistance W _y	14.6 cm ³
Torsional moment of inertia [I _t]	15.4 cm ⁴
Moment of torsion resistance [W _t]	6.61 cm ³
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