

Strebenprofil 45x90 D17/-, 6 offene Nuten, Aluminium eloxiert - Bosch Rexroth 3842990329-1000

Item no. BRR-3842990329-1000

Manufacturer Bosch Rexroth

Strut profile 45x90 with 6 open slots (slot size 10, modular dimension 45 mm) in anodized aluminum, for assembly lines, machine guarding, and conveyor structures. Section properties: area moment of inertia I_x 124.6 cm⁴, moment of resistance W_x 27.7 cm³. Supplied as a 1000 mm length; cuttable from 60 mm to 6000 mm.

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 Bosch Rexroth strut profile 45x90 D17/- is a standard-type anodized aluminum profile with 6 open slots (slot size 10, modular dimension 45 mm). It serves as the primary structural element for assembly workstations, machine enclosures, guarding systems, and conveyor frames built on the Bosch Rexroth modular profile system.

- 6 open slots allow connections in multiple directions without additional machining
- Profile adaption D17 in slots B/F and C/E, D17V in slots A/D, plus M12/M16 in all core bores - direct integration of connectors and slot nuts
- Anodized aluminum surface: corrosion-resistant, durable, color-neutral (natural)
- High bending stiffness: I_x 124.6 cm⁴, W_x 27.7 cm³ - suitable for loaded horizontal and vertical members
- Custom lengths from 60 mm to 6000 mm available; this unit is 1000 mm

TECHNICAL DATA

Property	Value
Cross-section	45 x 90 mm
Profile type	Standard
Profile slot	10
Modular dimension	45 mm

Property	Value
Open slots	6
Length (this unit)	1000 mm
Length min / max	60 mm / 6000 mm
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
Torsional moment of resistance [W _t]	6.61 cm ³
Profile adaption	M12, M16: all core bores; D17: slots B/F, C/E; D17V: slots A/D
Material	Aluminum, anodized
Color	Natural
Packaging unit	1