

Strebenprofil 45x90 M12/D17, Aluminium eloxiert, 6 Nuten, Rastermaß 45 mm - Bosch Rexroth 3842990323

Item no. BRR-3842990323

Manufacturer Bosch Rexroth

Strut profile 45x90 in anodized aluminium with 6 open slots (slot size 10) and a 45 mm modular dimension for building machine frames, guards, and assembly structures. Pre-machined for M12 and M16 fixings in all cores; D17 bores in slots B/F and C/E. Available in cut-to-length from 90 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	0.1 kg
Zolltarifnummer	76169990



DESCRIPTION

The Bosch Rexroth strut profile 45x90 is a standard anodized aluminium profile with a 45x90 mm cross-section and 6 open slots, designed for modular construction of machine frames, protective enclosures, jigs, and conveyor structures within the Rexroth 45 mm grid system.

- 6 open slots (slot size 10) for flexible connections in all directions using standard T-slot hardware
- Pre-machined cores for M12 and M16 fixings in all cores; D17 bores in slots B/F and C/E; D17V bores in slots A/D
- Area moment of inertia I_x 124.6 cm⁴ / W_x 27.7 cm³ (x-direction) and I_y 32.8 cm⁴ / W_y 14.6 cm³ (y-direction) for high bending stiffness
- Torsional moment of inertia I_t 15.4 cm⁴, torsional moment of resistance W_t 6.61 cm³
- Profile surface area A 15.4 cm², mass 4.2 kg/m
- Cut to length from 90 mm to 6000 mm; packaging unit 1 piece

TECHNICAL DATA

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

Property	Value
Profile slot	10
Open slots	6
Profile adaption	M12, M16: all cores; D17: slots B/F, C/E; D17V: slots A/D
Material	Aluminium, anodized
Color	Natural
Length min / max	90 mm / 6000 mm
Mass	4.2 kg/m
Profile surface area (A)	15.4 cm ²
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
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