

Strebenprofil 45x90 M16/M16, eloxiertes Aluminium, 1000 mm - Bosch Rexroth 3842990304-1000

Item no. BRR-3842990304-1000

Manufacturer Bosch Rexroth

Strut profile 45x90 with 6 open slots (slot 10) in anodized aluminium for the Bosch Rexroth assembly system. Cross-section 45x90 mm, modular dimension 45 mm, length 1000 mm - suited for workstation systems, guarding structures and machine frames. Profile adaptation M12 and M16 in all core bores, D17 in slots B/F and C/E.

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 M16/M16 strut profile in anodized aluminium is a standard-type profile from the Bosch Rexroth assembly system, featuring 6 open slots and the proven 45 mm modular grid. It handles load-bearing structures in workstation systems, protective enclosures, conveyor lines and machine frames. The profile geometry delivers high bending stiffness in the x-direction at low weight.

- 6 open slots (slot 10) for flexible connection and attachment without drilling
- M12/M16 adaptation in all core bores - direct bolt fastening without pre-drilling
- Anodized aluminium surface - corrosion-resistant, easy to clean, natural colour
- Available in lengths from 240 mm to 6000 mm, packaging unit 1 piece
- Fully compatible with the complete range of Bosch Rexroth assembly system accessories

TECHNICAL DATA

Property	Value
Cross-section	45x90 mm
Modular dimension	45 mm
Profile slot	Slot 10
Open slots	6
Profile type	Standard
Length (this unit)	1000 mm

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Property	Value
Length min / max	240 mm / 6000 mm
Material	Aluminium, anodized
Colour	Natural
Mass [m]	4.2 kg/m
Profile surface [A]	15.4 cm ²
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 in all core bores; D17 in slots B/F, C/E; D17V in slots A/D
Recommended accessories	Cover cap 45x90 black/signal gray, cover cap with hole 45x90 black/signal gray
Packaging unit	1 piece