

Strebenprofil 45x90 M12/M12, 1000 mm - Bosch Rexroth 3842990302-1000

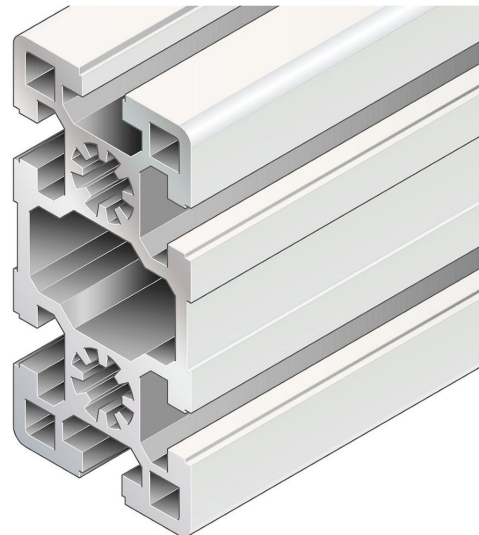
Item no. BRR-3842990302-1000

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with 45x90 mm cross-section, 6 open slots, and M12 tapping in all core bores. Modular dimension 45 mm, slot type 10, supplied at 1000 mm length. Designed for load-bearing frames and assembly structures in the Bosch Rexroth 45 Series 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	0.0099 kg
Zolltarifnummer	76169990



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DESCRIPTION

The 45x90 M12/M12 strut profile in anodized aluminum combines a high area moment of inertia in the x-direction with a compact 4.2 kg/m mass, making it well suited for horizontal spanning members and vertical uprights in Bosch Rexroth assembly systems. Six open slots and a 45 mm modular dimension ensure broad compatibility with the full 45 Series connector range.

- High bending stiffness: area moment of inertia I_x 124.6 cm⁴, section modulus W_x 27.7 cm³
- 6 open slots for connections on all faces without repositioning
- M12 tapping in all core bores; D17 bores in slots B/F and C/E; D17V in slots A/D
- Anodized aluminum - corrosion-resistant, natural color, dimensionally stable
- Available in lengths from 110 mm to 6000 mm; supplied as individual piece

TECHNICAL DATA

Parameter	Value
Cross-section	45x90 mm
Modular dimension	45 mm
Profile slot	10
Open slots	6
Profile type	Standard
Material	Aluminum, anodized

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Parameter	Value
Color	Natural
Profile adaption	M12, M16: all core bores; D17: slots B/F, C/E; D17V: slots A/D
Profile surface (A)	15.4 cm ²
Mass (m)	4.2 kg/m
Area moment of inertia I _x	124.6 cm ⁴
Area moment of inertia I _y	32.8 cm ⁴
Section modulus W _x	27.7 cm ³
Section modulus W _y	14.6 cm ³
Torsional moment of inertia (I _t)	15.4 cm ⁴
Torsion section modulus (W _t)	6.61 cm ³
Min. length	110 mm
Max. length	6000 mm
Supplied length (this item)	1000 mm
Packaging unit	1 piece