

Strebenprofil 45x90 M12/D17V, 1000 mm - Bosch Rexroth 3842990305-1000

Item no. BRR-3842990305-1000

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with a 45x90 mm cross-section and 6 open slots, designed for the flexible assembly of load-bearing frames, guards, and workstations. The 45 mm modular dimension ensures direct compatibility with all Bosch Rexroth 45-series components. Supplied cut to 1000 mm; available lengths 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	0.0099 kg
Zolltarifnummer	76169990



DESCRIPTION

The 45x90 M12/D17V strut profile in anodized aluminum combines an asymmetric cross-section with 6 open slots and a 45 mm modular grid. Its higher area moment of inertia along the x-axis makes it the right choice wherever the primary load acts in one dominant direction - typical in cantilever frames, machine guards, and conveyor structures. M12 and M16 connections are available in all core bores; D17 bores in slots B/F and C/E; D17V bores in slots A/D.

- 6 open slots for versatile fastening options along both axes
- High bending stiffness in x-direction: area moment of inertia $I_x = 124.6 \text{ cm}^4$, section modulus $W_x = 27.7 \text{ cm}^3$
- Anodized surface: corrosion-resistant and ready to install without additional finishing
- Cut-to-length from 90 mm to 6000 mm, packaging unit 1 piece
- Direct integration with the Bosch Rexroth 45-series modular system

TECHNICAL DATA

Property	Value
Cross-section	45x90 mm
Modular dimension	45 mm
Open slots	6
Profile slot	10

Property	Value
Profile type	Standard
Color	Natural (anodized)
Material	Aluminum, anodized
Length (this item)	1000 mm
Length min / max	90 mm / 6000 mm
Mass [m]	4.2 kg/m
Profile surface [A]	15.4 cm ²
Area moment of inertia x [Ix]	124.6 cm ⁴
Section modulus x [Wx]	27.7 cm ³
Area moment of inertia y [Iy]	32.8 cm ⁴
Section modulus 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 adaption M12/M16	In all core bores
Profile adaption D17	In slots B/F, C/E
Profile adaption D17V	In slots A/D
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