

Strebenprofil 22,5x45 M12 aus eloxiertem Aluminium, 1000 mm - Bosch Rexroth 3842990087-1000

Item no. BRR-3842990087-1000

Manufacturer Bosch Rexroth

Compact aluminum strut profile with a 22.5x45 mm cross-section, two open slots (45 mm grid), M12 end threads, and an anodized natural finish. Designed for lightweight frames, guards, and brackets within the Bosch Rexroth profile assembly system. Supplied as a 1000 mm piece; custom lengths available 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 Strut Profile 22.5x45 M12 is a slender structural member for the Bosch Rexroth profile construction system, suited to frames, enclosures, and support brackets where installation space is limited. The anodized aluminum section combines low weight (1.3 kg/m) with reliable corrosion resistance for industrial environments.

- Two open slots (slot width 10 mm, 45 mm grid) allow continuous positioning of connectors and fasteners along the full profile length
- M12 threads at both ends enable direct bolted connections without additional hardware
- Anodized natural finish - resistant to mild media and easy to clean
- Custom cut to length: minimum 60 mm, maximum 6000 mm per piece
- Fully compatible with the Bosch Rexroth 45 mm grid system and corresponding connection accessories

TECHNICAL DATA

Property	Value
Cross-section	22.5x45 mm
Modular dimension	45 mm
Profile slot width	10 mm
Open slots	2

Property	Value
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
Mass	1.3 kg/m
Profile surface area (A)	4.7 cm ²
Area moment of inertia X (I _x)	7.1 cm ⁴
Moment of resistance X (W _x)	3.2 cm ³
Area moment of inertia Y (I _y)	2.9 cm ⁴
Moment of resistance Y (W _y)	2.6 cm ³
Length (this item)	1000 mm
Min / max length (cut to size)	60 mm / 6000 mm
Packaging unit	1 piece
Recommended accessories	Cover cap 22.5x45 signal gray; Cover cap 22.5x45 black