

Strebenprofil 45x90L, Aluminium eloxiert, 6 Nuten, Rastermaß 45 mm - Bosch Rexroth 3842993662

Item no. BRR-3842993662

Manufacturer Bosch Rexroth

Aluminum strut profile with 45x90L cross-section, 6 open slots, and 45 mm modular dimension for building rigid assembly frames and structures. Anodized finish, available cut-to-length from 50 to 6070 mm. Compatible with standard and customized profile finishing options.

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	76042100



DESCRIPTION

The 45x90L strut profile in anodized aluminum serves as the structural backbone for modular frames, enclosures, and guards in industrial assembly systems. Six open slots and the 45 mm grid make it fully compatible with the Bosch Rexroth 45 series.

- Six open slots (slot width 10) allow connections on all faces without repositioning
- Cut to length from 50 to 6070 mm - ordered in the exact dimension needed
- Area moment of inertia $I_x = 82 \text{ cm}^4$ / $I_y = 23.6 \text{ cm}^4$ for high bending stiffness
- Standard finishing M12 / D9.8 / D17 / DB17 / F1(A,D) available factory-applied
- Customized finishing: DI / DIS / MT / MTS / MI / MIS / DG (observe minimum lengths)
- Anodized natural finish - corrosion-resistant and compatible with clean-room adjacent environments

TECHNICAL DATA

Property	Value
Cross-section	45x90L
Dimensions	45x90 mm
Modular dimension	45 mm
Profile slot width	10
Open slots	6

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Property	Value
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
Length min (L min)	50 mm
Length max (L max)	6070 mm
Mass	3 kg/m
Profile surface (A)	11.3 cm ²
Area moment of inertia X (I _x)	82 cm ⁴
Area moment of inertia Y (I _y)	23.6 cm ⁴
Moment of resistance X (W _x)	18.2 cm ³
Moment of resistance Y (W _y)	10.5 cm ³
Torsional moment of inertia (I _t)	15.1 cm ⁴
Moment of torsion resistance (W _t)	4.4 cm ³
Standard profile finishing	M12 / D9.8 / D17 / DB17 / F1(A,D)
Customized profile finishing	DI / DIS / MT / MTS / MI / MIS / DG
Finishing note	DGmax = 45°, Lmin1/Lmin2 = 456/612 mm, standard finishing at specified slots
Packaging unit	1