

Strebenprofil 45x90L, 12 x 6070 mm, Aluminium eloxiert, ESD - Bosch Rexroth 3842553612

Item no. BRR-3842553612

Manufacturer Bosch Rexroth

Asymmetric strut profile in the 45x90L cross-section, 6070 mm standard length, supplied as a packaging unit of 12 pieces. Anodized aluminum with ESD rating and 6 open slots integrates directly into Raster-45 assembly structures. M12 threads are pre-machined in all core channels.

TECHNICAL DATA

Country of Manufacture **Sweden**

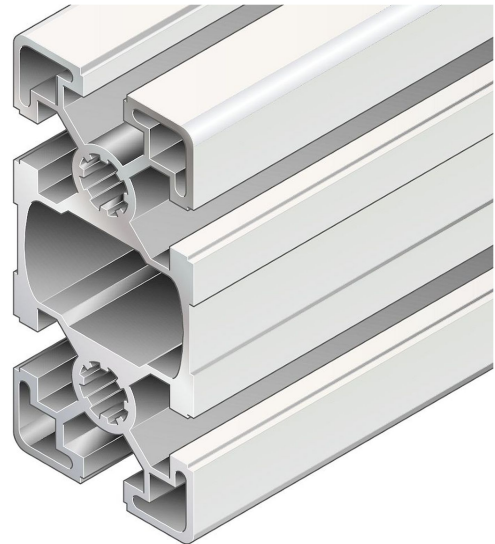
Hinweis

Gemäß der aktuellen Preisstruktur werden für Bestellungen von Profilen mit einer Länge von 1500 mm zusätzliche Kosten in Höhe von 80,00 Euro berechnet.

Length **6070 mm**

Weight **225 kg**

Zolltarifnummer **76042100**



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STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth strut profile 45x90L is an asymmetric aluminum extrusion for the Raster-45 system, designed for assembly frames, machine guards, and industrial fixtures. The 6070 mm standard length is delivered as a packaging unit of 12 profiles. Anodized aluminum construction provides ESD suitability for use in electrostatic-sensitive production environments.

- 6 open slots (slot width 10) for versatile connection and attachment options across the full profile length
- M12 threads pre-machined in all core channels; D17 and D17V bores and longitudinal features prepared in slots A/D and B/F, C/E
- Profile surface area 11.3 cm² at 3 kg per meter - high stiffness-to-weight ratio for structural applications
- ESD-rated: anodized aluminum, natural color finish
- Recommended accessories: cover caps 45x90 in black and signal gray, with and without hole

TECHNICAL DATA

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Parameter	Value
Cross-section	45x90L
Dimensions	45x90 mm
Length [L]	6070 mm
Modular dimension	45 mm
Profile slot	10
Open slots	6
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Profile surface [A]	11.3 cm ²
Area moment of inertia X [Ix]	82 cm ⁴
Area moment of inertia Y [Iy]	23.6 cm ⁴
Moment of resistance X [Wx]	18.2 cm ³
Moment of resistance Y [Wy]	10.5 cm ³
Torsional moment of inertia [It]	15.1 cm ⁴
Moment of torsion resistance [Wt]	4.4 cm ³
Mass [m]	3 kg/m
Profile machining	M12: all core channels; D17: slots B/F, C/E; D17V: slots A/D; LF: slots A/D
Delivery unit	12 pieces
Condition on delivery	Packaging unit in standard length
Weight (packaging unit)	225 kg