

Strebenprofil 45x90L, 6070 mm, eloxiertes Aluminium, ESD-geeignet - Bosch Rexroth 3842553619

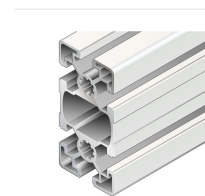
Item no. BRR-3842553619 **Manufacturer** Bosch Rexroth

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Strut profile 45x90L in anodized aluminum for the Bosch Rexroth Assembly System 45. At 6070 mm standard length with 6 open slots and ESD compatibility, it suits frame structures and workstation systems in electrostatically sensitive environments. Supplied as a single rod; recommended accessories are cover caps 45x90.

TECHNICAL DATA

Article authenticity	Original product
Condition of article	New
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.
Lenght	6070 mm
Weight	18.5 kg
Zolltarifnummer	76042100



LENGHT

6070 mm

WEIGHT

18.5 kg

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 45x90L strut profile is a structural element for the Bosch Rexroth Assembly System 45, used in frame construction, workstation systems, and protective enclosures. The 6070 mm standard length allows flexible cutting to size; anodized aluminum provides lasting corrosion resistance at low weight. ESD compatibility makes it suitable for use in electrostatically protected production and laboratory areas.

- 6 open slots (profile slot 10) for direct connection without pre-drilling
- 45 mm modular dimension - fully compatible with Bosch Rexroth System 45
- Anodized aluminum in natural color - corrosion-resistant and lightweight
- ESD-compatible for use in electrostatic discharge protected zones
- High bending stiffness: area moment of inertia $I_x = 82 \text{ cm}^4$, $I_y = 23.6 \text{ cm}^4$

Technical data

Property	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
Mass [m]	3 kg/m
Weight (rod)	18.5 kg
Area moment of inertia I_x	82 cm ⁴
Area moment of inertia I_y	23.6 cm ⁴
Moment of resistance W_x	18.2 cm ³
Moment of resistance W_y	10 cm ³
Torsional moment of inertia [It]	15.1 cm ⁴
Moment of torsion resistance [Wt]	4.4 cm ³
Condition on delivery	Single rod in standard length
Packaging unit	1
Recommended accessories	Cover cap 45x90 signal gray, Cover cap 45x90 black, Cover cap with hole 45x90 signal gray, Cover cap with hole 45x90 black