

Strebenprofil 45x135L, 6070 mm, Aluminium eloxiert, Rastermaß 45 mm - Bosch Rexroth 3842564124

Item no. BRR-3842564124 **Manufacturer** Bosch Rexroth

Manufacturer no. 3842564124

Asymmetric aluminum strut profile with a 45x135L cross-section, 8 open slots, and profile slot 10 on the 45 mm modular grid. The anodized finish provides lasting corrosion resistance. Supplied as a single rod in standard length of 6070 mm, suited for load-bearing frames, machine bases, and structural assemblies.

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	28.4 kg
Zolltarifnummer	76042100



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 45x135L strut profile is an asymmetric aluminum section from the Bosch Rexroth assembly technology system, built on the 45 mm modular dimension. At 6070 mm length with 8 open slots and a profile surface of 16.8 cm², it delivers high bending stiffness in the y-direction - making it the right choice for longitudinal load-bearing members, machine frames, and protective guarding where one axis carries the dominant load. Anodized aluminum keeps the profile light and corrosion-

resistant with no additional surface treatment required.

- High bending stiffness along the major axis: area moment of inertia $I_y = 267.4 \text{ cm}^4$, moment of resistance $W_y = 39.6 \text{ cm}^3$
- 8 open slots on the 45 mm grid allow flexible attachment and repositioning of accessories along the full length
- Anodized aluminum: lightweight, corrosion-resistant, ready to install without further treatment
- Fully compatible with the Bosch Rexroth 45 mm profile system and its complete range of connectors and accessories

Technical data

Property	Value
Cross-section	45x135L
Dimensions	45 x 135 mm
Length (L)	6070 mm
Modular dimension	45 mm
Profile slot	10
Open slots	8
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
Profile surface (A)	16.8 cm ²
Mass (m)	4.6 kg/m
Weight (rod)	28.4 kg
Area moment of inertia I_x	36.2 cm ⁴
Area moment of inertia I_y	267.4 cm ⁴
Moment of resistance W_x	16.1 cm ³
Moment of resistance W_y	39.6 cm ³
Torsional moment of inertia (I_t)	29.5 cm ⁴
Moment of torsion resistance (W_t)	8.2 cm ³
Condition on delivery	Single rod in standard length
Packaging unit	1
Recommended accessories	Cover cap 45x45 signal gray, Cover cap 45x90 signal gray, Cover cap 45x45 black ESD, Cover cap 45x90 black ESD