

Strebenprofil 45x135L 5N, Aluminium eloxiert, 6070 mm, 8 Stück - Bosch Rexroth 3842564123

Item no. BRR-3842564123

Manufacturer Bosch Rexroth

Strut profile with 45x135L 5N cross-section and 5 open slots, made from anodized aluminum, 6070 mm long, supplied as a packaging unit of 8 pieces. The profile is suited for load-bearing frame structures and assembly systems on a 45 mm modular grid. Recommended accessories: cover caps 45x45 and 45x90, available in signal gray and black ESD.

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 **240.5 kg**

Zolltarifnummer **76042100**



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth strut profile 45x135L 5N is an anodized aluminum profile for heavy-duty frame structures, machine guards, and industrial assembly systems. With 5 open slots on the 45 mm modular grid, a profile surface of 17.3 cm², and an area moment of inertia in the y-direction of 274.4 cm⁴, it delivers high bending stiffness at a low individual weight of 4.7 kg per bar.

- High load capacity in the y-direction: moment of resistance $W_y = 40.7 \text{ cm}^3$, area moment of inertia $I_y = 274.4 \text{ cm}^4$
- 5 open slots for flexible attachment of connectors, brackets, and accessories without retooling
- Anodized surface for corrosion resistance and a clean appearance in production environments
- Supplied as a packaging unit: 8 bars of 6070 mm each, total weight 240.5 kg
- Compatible with the Bosch Rexroth modular system on the 45 mm grid

TECHNICAL DATA

Property	Value
Cross-section	45x135L 5N

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Property	Value
Profile type	5N
Dimensions	45x135 mm
Modular dimension	45 mm
Profile slot	10
Open slots	5
Length [L]	6070 mm
Mass [m]	4.7 kg
Delivery unit	8 pieces
Weight (packaging unit)	240.5 kg
Profile surface [A]	17.3 cm ²
Area moment of inertia in x-direction [Ix]	38.6 cm ⁴
Area moment of inertia in y-direction [Iy]	274.4 cm ⁴
Moment of resistance in x-direction [Wx]	17.6 cm ³
Moment of resistance in y-direction [Wy]	40.7 cm ³
Torsional moment of inertia [It]	32.5 cm ⁴
Moment of torsion resistance [Wt]	10.9 cm ³
Material	Aluminum, anodized
Color	Natural
Condition on delivery	Packaging unit in standard length
Recommended accessories	Cover cap 45x45 signal gray, Cover cap 45x90 signal gray, Cover cap 45x45 black ESD, Cover cap 45x90 black ESD