

Strebenprofil 90x90 SL, 6070 mm, Aluminium eloxiert - Bosch Rexroth 3842537101

Item no. BRR-3842537101 **Manufacturer** Bosch Rexroth

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Structural strut profile with 90x90 SL cross-section and 6070 mm length in anodized aluminum. Eight open slots and a 45 mm modular dimension provide direct compatibility with Bosch Rexroth profile system connectors and accessories. Supplied as a single rod in standard length.

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	23.08 kg
Zolltarifnummer	76042100



DESCRIPTION

The 90x90 SL strut profile is designed for load-bearing frame structures, machine bases, and protective enclosures in industrial assembly. At 6070 mm length with eight open slots and a 45 mm modular dimension, it integrates directly with the Bosch Rexroth profile system without additional machining.

- Symmetric 90x90 SL cross-section with equal area moments of inertia in both axes (130.2 cm⁴ each) for consistent, predictable load behavior
- Anodized aluminum construction for lasting corrosion resistance and a clean finish
- 8 open slots (10 mm slot width) allow connectors, sensors, and attachments to be fitted at any position along the full length

- Profile surface area 14.1 cm² and linear mass 3.8 kg/m give an efficient stiffness-to-weight ratio
- Delivered as a single rod, packaging unit 1 piece

Technical data

Property	Value
Cross-section	90x90 SL
Length [L]	6070 mm
Dimensions	90x90 mm
Modular dimension	45 mm
Profile slot width	10 mm
Open slots	8
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
Profile surface [A]	14.1 cm ²
Mass [m]	3.8 kg/m
Weight (rod)	23.08 kg
Area moment of inertia [Ix]	130.2 cm ⁴
Area moment of inertia [Iy]	130.2 cm ⁴
Moment of resistance [Wx]	28.9 cm ³
Moment of resistance [Wy]	28.9 cm ³
Torsional moment of inertia [It]	42.5 cm ⁴
Moment of torsion resistance [Wt]	13.9 cm ³
Recommended accessories	Cover cap 90x90L, signal gray; Cover cap 90x90L, black
Condition on delivery	Single rod in standard length
Packaging unit	1