

Strebenprofil 90x90L 4NVS, 1000 mm, Aluminium eloxiert, Natur - Bosch Rexroth 3842993621-1000

Item no. BRR-3842993621-1000

Manufacturer Bosch Rexroth

Heavy-duty aluminum strut profile, cross-section 90x90L with four-slot connection system (4NVS) and 45 mm modular dimension. The anodized finish provides corrosion resistance for long-term use in machine frames, workstations, and protective enclosures. This item is supplied as a 1000 mm length; custom lengths from 50 to 6070 mm are available.

TECHNICAL DATA

Ausführungsklasse	TEC
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.
Weight	0.0099 kg
Zolltarifnummer	76042100



DESCRIPTION

The Bosch Rexroth Strut Profile 90x90L 4NVS is an anodized aluminum profile with a 90x90 mm cross-section, four open slots (slot width 10 mm), and a 45 mm modular dimension. The 4NVS connection system enables rigid, low-tool assembly in all directions, making it a dependable building block for modular machine frames, assembly workstations, and safety guarding.

- High bending stiffness: area moment of inertia $I_x = I_y = 220.9 \text{ cm}^4$, moment of resistance $W_x = W_y = 49.2 \text{ cm}^3$
- Good torsional rigidity: torsional moment of inertia $I_t = 127 \text{ cm}^4$, torsional moment of resistance $W_t = 22 \text{ cm}^3$
- Lightweight and corrosion-resistant: anodized aluminum, profile surface 24.2 cm^2 , mass 6.5 kg/m
- Configurable to length: available from 50 to 6070 mm on request
- Recommended accessories: cover cap 90x90L in black or signal gray

TECHNICAL DATA

Property	Value
Cross-section	90x90L 4NVS
Profile type	4NVS
Dimensions	90x90 mm
Open slots	4

Property	Value
Slot width	10 mm
Modular dimension	45 mm
Length (this item)	1000 mm
Length min / max	50 mm / 6070 mm
Area moment of inertia $I_x = I_y$	220.9 cm ⁴
Moment of resistance $W_x = W_y$	49.2 cm ³
Torsional moment of inertia I_t	127 cm ⁴
Torsional moment of resistance W_t	22 cm ³
Profile surface A	24.2 cm ²
Mass	6.5 kg/m
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece