

Strut Profile 90x90L 4NVS, Anodized Aluminum, 45 mm Grid - Bosch Rexroth 3842993621

Item no. BRR-3842993621

Manufacturer Bosch Rexroth

Square strut profile 90x90 mm, 4NVS type, with four open slots on a 45 mm grid, made from anodized aluminum. Available cut-to-length from 50 to 6070 mm for building load-bearing frames, machine enclosures, and workstation structures. Cross-sectional area 24.2 cm², area moment of inertia 220.9 cm⁴.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
HS-Code	76042100
Note	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	0.1 kg



DESCRIPTION

The Bosch Rexroth Strut Profile 90x90L 4NVS is a symmetric aluminum structural profile with four open slots on a 45 mm grid. It is designed for load-bearing frames, machine guarding, and workstation systems in mechanical and special-purpose machine construction.

- Four open slots allow connections from any direction without additional machining.
- Anodized aluminum finish - corrosion-resistant, surface-stable, and ready to use as delivered.
- Cut-to-length ordering from 50 to 6070 mm in 1 mm increments minimizes material waste.
- Symmetric cross-section: $I_x = I_y = 220.9 \text{ cm}^4$, $W_x = W_y = 49.2 \text{ cm}^3$ - equal load capacity in both axes.

TECHNICAL DATA

Property	Value
Cross-section	90x90 mm
Profile type	4NVS
Open slots	4
Profile slot width	10 mm
Modular dimension	45 mm
Length min. (L min)	50 mm

Property	Value
Length max. (L max)	6070 mm
Profile surface (A)	24.2 cm ²
Area moment of inertia I _x	220.9 cm ⁴
Area moment of inertia I _y	220.9 cm ⁴
Moment of resistance W _x	49.2 cm ³
Moment of resistance W _y	49.2 cm ³
Torsional moment of inertia (I _t)	127 cm ⁴
Moment of torsion resistance (W _t)	22 cm ³
Mass (m)	6.5 kg/m
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece
Recommended accessories	Cover cap 90x90L black, Cover cap 90x90L signal gray