

Strebenprofil 90x90L 4NVS, 1000 mm, Aluminium eloxiert - Bosch Rexroth 3842993756-1000

Item no. BRR-3842993756-1000

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with a 90x90L cross-section, four open slots (type 4NVS) and a 45 mm modular dimension. Designed for load-bearing frame and support structures in assembly and automation systems. Supplied at 1000 mm standard length; custom profile finishing available on request.

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 90x90L 4NVS strut profile is an anodized aluminum extrusion with a square 90x90 mm cross-section and four open longitudinal slots (slot width 10 mm). With an area moment of inertia of 220.9 cm⁴ and a moment of resistance of 49.2 cm³ in both axes, it provides a symmetrical, high-rigidity foundation for frames, structures, and protective enclosures in industrial assembly and automation environments.

- Symmetrical 90x90 mm cross-section - equal stiffness in both axes ($I_x = I_y = 220.9 \text{ cm}^4$)
- Four open slots (width 10 mm, modular dimension 45 mm) for flexible connection and mounting options
- Anodized aluminum surface - corrosion-resistant, easy to clean, and durable
- Available lengths from 50 mm to 6070 mm; this version: 1000 mm
- Standard profile finishing M12 / D9.8 / D17 / DB17; customized finishing (DI, DIS, MT, MTS, MI, MIS, DG) available on request
- Recommended accessories: cover cap 90x90L in black or signal gray

TECHNICAL DATA

Property	Value
Cross-section	90x90L 4NVS
Profile type	4NVS

Property	Value
Dimensions [mm]	90 x 90
Open slots	4
Profile slot [mm]	10
Modular dimension [mm]	45
Length (this version) [mm]	1000
Length min [mm]	50
Length max [mm]	6070
Mass [kg/m]	6.5
Profile surface [A] [cm ²]	24.2
Area moment of inertia $I_x = I_y$ [cm ⁴]	220.9
Moment of resistance $W_x = W_y$ [cm ³]	49.2
Torsional moment of inertia [It] [cm ⁴]	127
Moment of torsion resistance [Wt] [cm ³]	22
Standard profile finishing	M12 / D9.8 / D17 / DB17
Customized profile finishing	DI / DIS / MT / MTS / MI / MIS / DG
Notice (profile finishing)	DGmax = 45°, Lmin1 / Lmin2 = 456/612 mm
Color	Natural
Material	Aluminum, anodized
Packaging unit	1