

Strebenprofil 45x90L 3NVS, 1000 mm, Aluminium eloxiert, 6 offene Nuten - Bosch Rexroth 3842993635-1000

Item no. BRR-3842993635-1000

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with a 45x90L cross-section in profile type 3NVS, supplied in variable lengths from 50 to 6070 mm. Six open slots (10 mm width) allow tool-free repositioning of connectors and accessories from the Bosch Rexroth profile range. A core structural element for assembly, conveyor, and automation systems on the 45 mm grid.

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 45x90L 3NVS strut profile in anodized aluminum is a load-bearing structural element for assembly lines, conveyor systems, and automation equipment built on the 45 mm modular grid. Six open 10 mm slots run the full length, allowing brackets, connectors, and accessories to be positioned and locked anywhere without drilling. Variable cut-to-length supply from 50 to 6070 mm minimizes waste and simplifies project planning.

- Six open profile slots for unrestricted connection at any position along the full length
- Anodized aluminum surface - corrosion-resistant and suited to demanding industrial environments
- Variable length 50 to 6070 mm - supplied in single pieces, cut to order
- Area moment of inertia I_x 87.2 cm⁴ and W_x 38.8 cm³ for high bending stiffness in the primary load direction
- Fully compatible with the Bosch Rexroth 45-series connector and accessory range

TECHNICAL DATA

Property	Value
Cross-section	45x90 mm
Profile type	3NVS
Modular dimension	45 mm
Open slots	6

Property	Value
Profile slot width	10 mm
Length min.	50 mm
Length max.	6070 mm
Supplied length (this order)	1000 mm
Mass	3.2 kg/m
Profile surface [A]	11.8 cm ²
Area moment of inertia I _x	87.2 cm ⁴
Moment of resistance W _x	38.8 cm ³
Area moment of inertia I _y	25.2 cm ⁴
Moment of resistance W _y	5.6 cm ³
Torsional moment of inertia I _t	25.7 cm ⁴
Moment of torsion resistance W _t	6.6 cm ³
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece