

Strebenprofil 45x90L 2NVS, Aluminium eloxiert, 6 Nuten, L50-6070 mm - Bosch Rexroth 3842993770

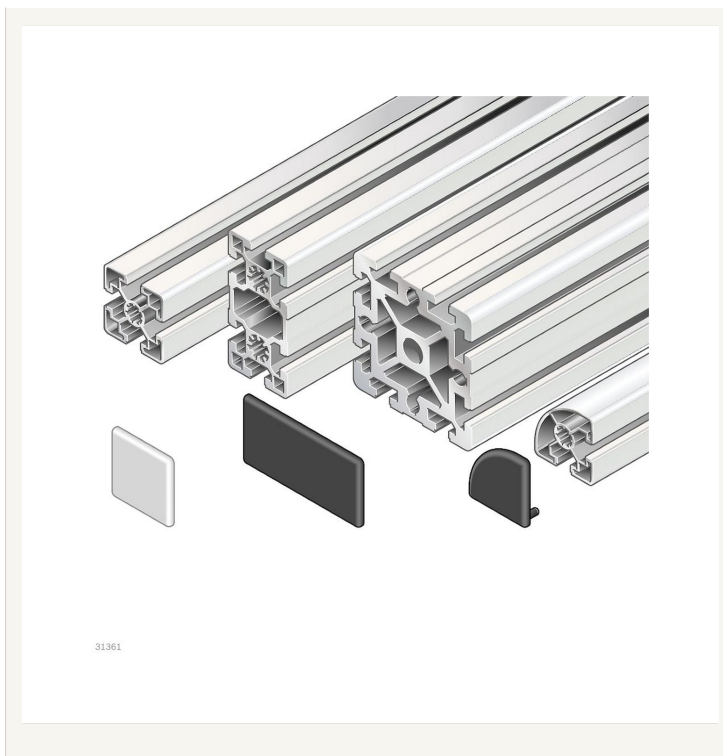
Item no. BRR-3842993770

Manufacturer Bosch Rexroth

Extruded anodized aluminum strut profile with a 45x90 mm cross-section, type 2NVS, featuring 6 open slots (slot width 10 mm) and a 45 mm modular dimension. Available cut to length from 50 to 6070 mm, with standard or customized machining options available at the factory. Designed for structural use in Bosch Rexroth aluminum profile assembly systems.

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	0.1 kg
Zolltarifnummer	76042100



DESCRIPTION

The strut profile 45x90L 2NVS (article 3842993770) is an anodized aluminum profile with an asymmetric double cross-section of 45x90 mm and 6 open slots of 10 mm slot width. It is supplied cut to length from 50 to 6070 mm and can be ordered with standard or customized machining already applied - eliminating the need for additional drilling or milling on site.

- 6 open slots (slot width 10 mm) allow flexible connections and fixings on all faces
- 45 mm modular dimension - fully compatible with the Bosch Rexroth 45-series profile system
- High bending stiffness in the y-direction: area moment of inertia $I_y = 90.6 \text{ cm}^4$, moment of resistance $W_y = 40.3 \text{ cm}^3$
- Standard factory machining options: M12 / D9.8 / D17 / DB17
- Customized machining available: DI / DIS / MT / MTS / MI / MIS / DG (minimum lengths apply)
- Anodized aluminum, natural color - corrosion-resistant and ready to use without further surface treatment

TECHNICAL DATA

Property	Value
Cross-section	45x90 mm
Profile type	2NVS
Modular dimension	45 mm

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Property	Value
Slot width	10 mm
Open slots	6
Length min. (L min)	50 mm
Length max. (L max)	6070 mm
Mass	3.3 kg/m
Profile surface (A)	12.1 cm ²
Area moment of inertia X (I _x)	25.9 cm ⁴
Moment of resistance X (W _x)	5.7 cm ³
Area moment of inertia Y (I _y)	90.6 cm ⁴
Moment of resistance Y (W _y)	40.3 cm ³
Torsional moment of inertia (I _t)	31.7 cm ⁴
Moment of torsion resistance (W _t)	7.7 cm ³
Material	Aluminum, anodized
Color	Natural
Standard profile finishing	M12 / D9.8 / D17 / DB17
Customized profile finishing	DI / DIS / MT / MTS / MI / MIS / DG
Machining notice	DGmax = 45°, Lmin1 / Lmin2 = 456 / 612 mm
Packaging unit	1