

Strebenprofil 45x90L D17V, 6 Nuten, Aluminium eloxiert, Zuschnitt 60-6000 mm - Bosch Rexroth 3842992452

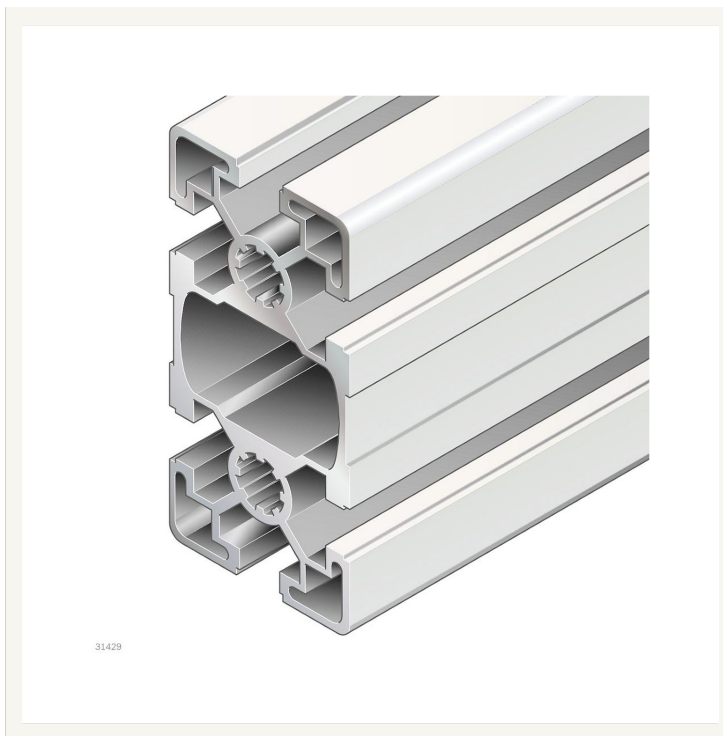
Item no. BRR-3842992452

Manufacturer Bosch Rexroth

Extruded anodized aluminum strut profile with a 45x90L cross-section, 6 open slots, and D17V machining in slots A/D. Area moment of inertia I_x 82 cm⁴ delivers high bending stiffness along the main axis. Supplied cut to length (60 to 6000 mm) and fully compatible with the Bosch Rexroth 45 mm grid system.

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	76169990



DESCRIPTION

The 45x90L D17V strut profile in anodized aluminum is a structural section for building assembly fixtures, machine frames, and guarding within the 45 mm modular grid. Six open slots accept standard connectors, brackets, and T-slot nuts from the Bosch Rexroth profile system. D17V machining in slots A and D, combined with M12 tapped cores in all longitudinal bores, allows direct bolted connections without additional machining.

- Area moment of inertia I_x 82 cm⁴ and moment of resistance W_x 18.2 cm³ for high bending stiffness in the x-direction
- Profile surface area 11.3 cm² at a low linear mass of 3 kg/m thanks to the aluminum extrusion process
- Cut-to-length from 60 mm to 6000 mm - no minimum length surcharge for short pieces
- Anodized finish (natural color) provides corrosion resistance and simplifies cleaning in production environments
- Compatible with the full range of 45x90 accessories: cover caps, connectors, and angle brackets

TECHNICAL DATA

Property	Value
Cross-section	45x90L
Dimensions [mm]	45x90

Property	Value
Modular dimension [mm]	45
Open slots	6
Profile slot	10
Profile type	Standard
Profile machining	M12 in all longitudinal cores; D17 in slots B/F, C/E; D17V in slots A/D; LF in slots A/D
Length min - max [mm]	60 - 6000
Area moment of inertia I _x [cm ⁴]	82
Moment of resistance W _x [cm ³]	18.2
Area moment of inertia I _y [cm ⁴]	23.6
Moment of resistance W _y [cm ³]	10.5
Torsional moment of inertia I _t [cm ⁴]	15.1
Moment of torsion resistance W _t [cm ³]	4.4
Profile surface A [cm ²]	11.3
Mass [kg/m]	3
Material	Aluminum, anodized
Color	Natural
Packaging unit	1