

Strebenprofil 45x90L, 6 offene Nuten, Aluminium eloxiert, 1000 mm - Bosch Rexroth 3842992436-1000

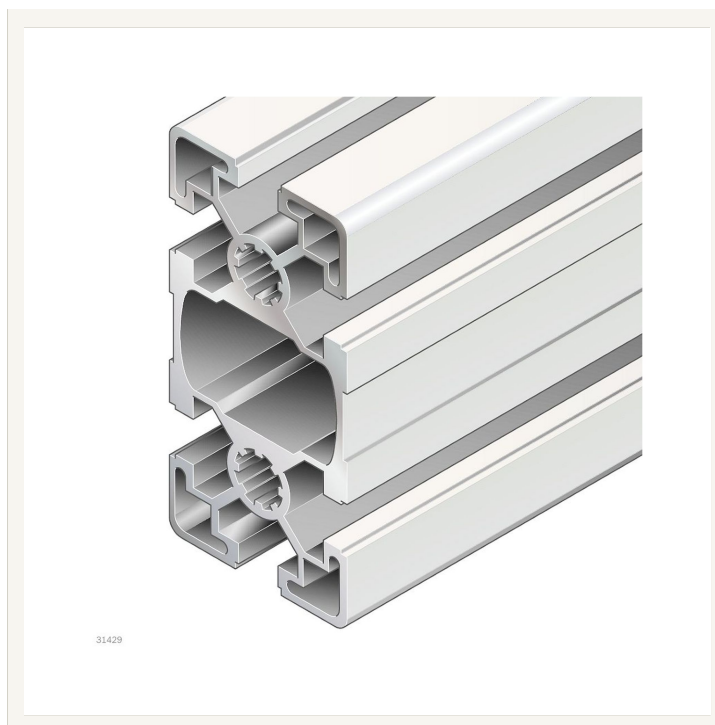
Item no. BRR-3842992436-1000

Manufacturer Bosch Rexroth

Strut profile 45x90L D17/D17V in anodized aluminum for load-bearing frames, workstations, machine guards, and conveyor structures within the Bosch Rexroth 45 profile system. Six open slots and a 45 mm modular dimension allow direct connection with all compatible system components. Supplied at 1000 mm; custom lengths from 80 mm to 6000 mm available.

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	76169990



DESCRIPTION

The 45x90L D17/D17V strut profile is an asymmetric aluminum section for load-bearing frames, workbenches, machine enclosures, and conveyor lines in the Bosch Rexroth 45 profile system. The anodized surface provides corrosion and wear resistance without any additional coating.

- 6 open slots accept T-bolts, brackets, and connectors in all orientations for maximum layout flexibility
- Factory machining M12 (all core holes), D17 in slots B/F and C/E, D17V and LF in slots A/D enables direct bolted connections without on-site machining
- 45 mm modular dimension ensures full compatibility across the entire 45 profile system range
- Area moment of inertia I_x 82 cm⁴ and section modulus W_x 18.2 cm³ deliver solid bending stiffness in the primary load direction
- Standard length 1000 mm; cut-to-length from 80 mm to 6000 mm on request

TECHNICAL DATA

Property	Value
Cross-section	45x90L
Dimensions [mm]	45x90
Profile type	Standard
Modular dimension [mm]	45

Property	Value
Open slots	6
Profile slot	10
Material	Aluminum, anodized
Color	Natural
Length (this version) [mm]	1000
Length min [mm]	80
Length max [mm]	6000
Profile surface A [cm ²]	11.3
Mass m [kg/m]	3
Area moment of inertia I _x [cm ⁴]	82
Section modulus W _x [cm ³]	18.2
Area moment of inertia I _y [cm ⁴]	23.6
Section modulus 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 machining	M12: all core holes - D17: slots B/F, C/E - D17V + LF: slots A/D
Packaging unit	1
Recommended accessories	Cover cap 45x90 black/signal gray, cover cap with hole 45x90 black/signal gray