

Strebenprofil 45x90L, 1000 mm, Aluminium eloxiert, 6 offene Nuten - Bosch Rexroth 3842993662-1000

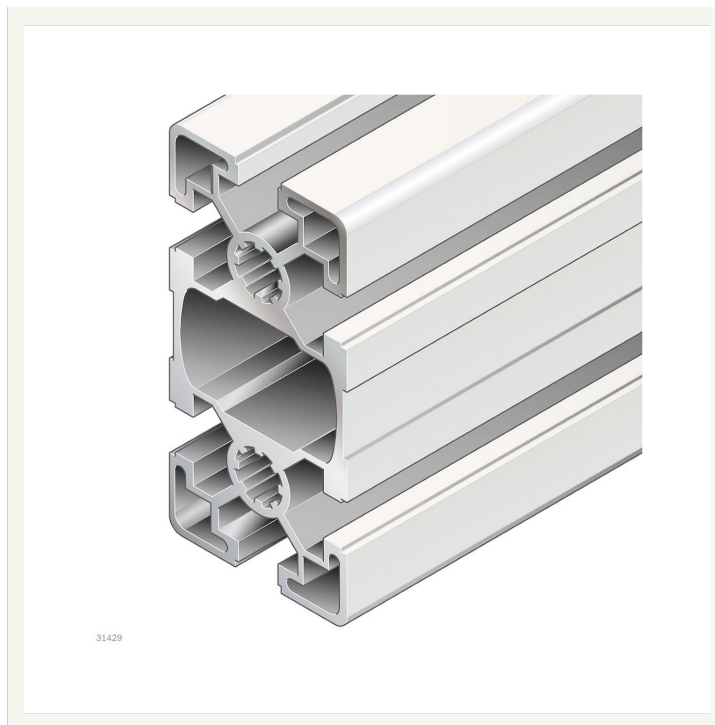
Item no. BRR-3842993662-1000

Manufacturer Bosch Rexroth

Asymmetric strut profile 45x90L in anodized aluminum (45 mm modular dimension, 6 open slots, slot width 10) for modular assembly systems. Supplied at 1000 mm; cut-to-length available from 50 mm to 6070 mm. Area moment of inertia $I_x = 82 \text{ cm}^4$ for high bending stiffness in the primary load direction.

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 strut profile 45x90L is an asymmetric aluminum extrusion on a 45 mm modular grid with 6 open slots (slot width 10). Anodized surface, natural color. This item is supplied at 1000 mm; cut-to-length delivery is available between L min 50 mm and L max 6070 mm.

- High bending stiffness: $I_x = 82 \text{ cm}^4$, $W_x = 18.2 \text{ cm}^3$ (x-direction)
- Torsional properties: $I_t = 15.1 \text{ cm}^4$, $W_t = 4.4 \text{ cm}^3$
- Profile surface area $A = 11.3 \text{ cm}^2$, mass 3 kg/m
- Standard profile finishing at specified slots: M12 / D9.8 / D17 / DB17 / F1(A,D)
- Customized profile finishing: DI / DIS / MT / MTS / MI / MIS / DG (observe minimum lengths; DG max = 45°, Lmin1/Lmin2 = 456/612 mm)
- Packaging unit: 1 piece

TECHNICAL DATA

Property	Value
Cross-section	45x90L
Dimensions [mm]	45x90
Modular dimension [mm]	45
Profile slot	10
Open slots	6

Property	Value
Profile type	Standard
Length (this item) [mm]	1000
Length min [mm]	50
Length max [mm]	6070
Material	Aluminum, anodized
Color	Natural
Profile surface area A [cm ²]	11.3
Mass [kg/m]	3
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
Standard profile finishing	M12 / D9.8 / D17 / DB17 / F1(A,D)
Customized profile finishing	DI / DIS / MT / MTS / MI / MIS / DG
Recommended accessories	Cover cap 45x90 black, Cover cap 45x90 signal gray, Cover cap with hole 45x90 black, Cover cap with hole 45x90 signal gray