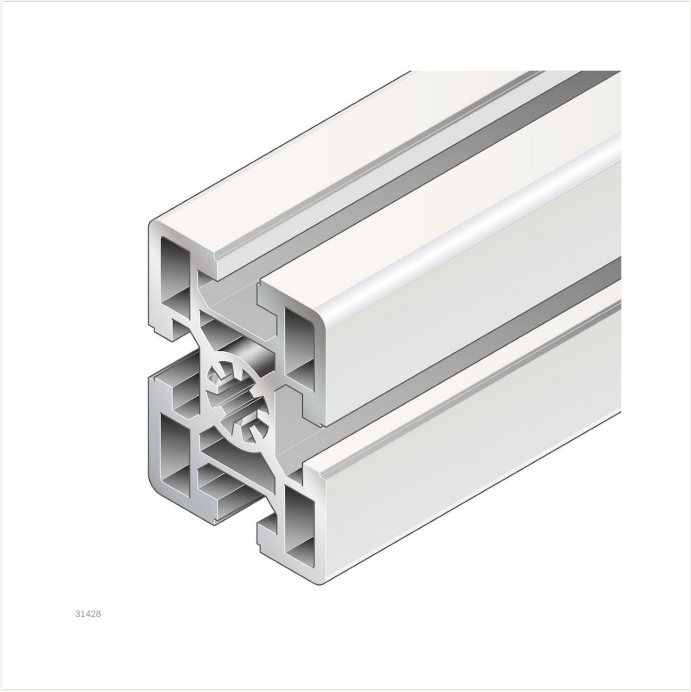
Strebenprofil 45x60 D17/D17, Aluminium eloxiert, 1000 mm - Bosch Rexroth 3842990672-1000

Item no. BRR-3842990672-1000 **Manufacturer Bosch Rexroth**

Rectangular strut profile 45x60 with four open slots (slot 10) in anodized aluminum, designed for modular assembly frames, guards, and support structures. The 45x60 mm cross-section delivers high bending stiffness (Ix 37.2 cm⁴) with a low profile weight of 3 kg/m. Supplied cut to 1000 mm; custom lengths from 80 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 Bosch Rexroth Strut Profile 45x60 D17/D17 is an anodized aluminum extrusion for building modular assembly fixtures, machine guards, and load-bearing frames. Four open slots accept T-nuts, connectors, and accessories at any position along the profile without drilling.

- Four open slots (slot 10, modular dimension 45 mm) - mount hardware anywhere along the length with standard T-slot accessories
- High bending stiffness: area moment of inertia Ix 37.2 cm⁴ / Iy 22.7 cm⁴ - reliable performance in loaded frame applications
- D17 profile adaption in slots A/C - factory-drilled connector bores available at order, eliminating on-site machining
- Anodized aluminum (natural color) - corrosion resistant, dimensionally stable, ready to assemble
- Cut to length: min. 80 mm, max. 6000 mm; this item: 1000 mm

TECHNICAL DATA

Property	Value
Cross-section	45x60 mm
Modular dimension	45 mm
Profile slot	Slot 10
Open slots	4

Property	Value
Profile type	Standard
Length (this item)	1000 mm
Length min.	80 mm
Length max.	6000 mm
Material	Aluminum, anodized
Color	Natural
Profile surface [A]	11 cm^2
Mass [m]	3 kg/m
Area moment of inertia X [Ix]	37.2 cm^4
Area moment of inertia Y [Iy]	22.7 cm^4
Moment of resistance X [Wx]	12.4 cm^3
Moment of resistance Y [Wy]	10.1 cm^3
Torsional moment of inertia [It]	6.7 cm^4
Moment of torsion resistance [Wt]	4.09 cm^3
Profile adaption	D9.8 and D17 in slots B/D; D9.8V and D17V in slots A/C; LF in slots A/C; F1 in slot A
Packaging unit	1 piece
Recommended accessories	Cover cap 45x60 black, cover cap 45x60 signal gray, cover cap with hole 45x60 black, cover cap with hole 45x60 signal gray