

Strut Profile 45x60, Anodized Aluminum, 4 Open Slots - Bosch Rexroth 3842993743

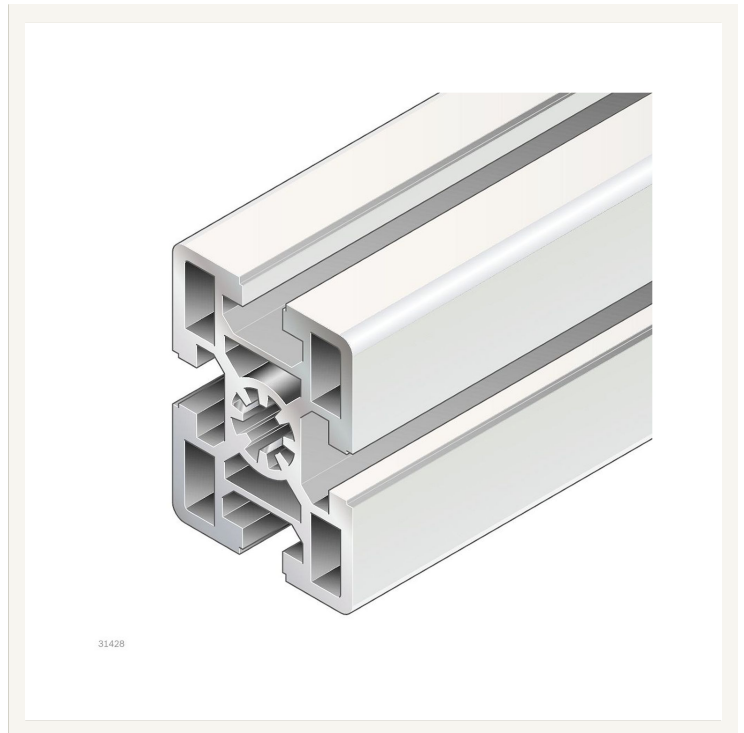
Item no. BRR-3842993743

Manufacturer Bosch Rexroth

Asymmetric aluminum strut profile with a 45x60 mm cross-section and 4 open slots (slot width 10, modular dimension 45 mm) for Bosch Rexroth assembly technology structures. Available in custom lengths from 50 to 6070 mm with standard and customized profile finishing options. Suited to frame and strut applications where a compact asymmetric section with high rigidity is required.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
HS-Code	76042100
Note	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



DESCRIPTION

The 45x60 strut profile in anodized aluminum is a load-bearing structural component within the Bosch Rexroth assembly technology system. With an area moment of inertia of 37.2 cm⁴ (x-direction) and 22.7 cm⁴ (y-direction) and a profile surface of 11 cm², it provides reliable mechanical performance for struts, frames, and beams in assembly and automation equipment.

- 4 open slots (slot width 10) for flexible connection without disassembly
- Modular dimension 45 mm - compatible with the complete Rexroth 45-series profile system
- Available in lengths from 50 to 6070 mm, packaging unit 1 piece
- Standard profile finishing: M12, M16, D9.8, D17, DB17, F1(A,C) - observe minimum length requirements
- Customized profile finishing: DI, DIS, MT, MTS, MI, MIS, DG (DGmax = 30°, Lmin1/Lmin2 = 404/508 mm)
- Anodized surface - corrosion-resistant, natural color

TECHNICAL DATA

Property	Value
Cross-section	45x60 mm
Profile type	Standard
Profile slot	10

Property	Value
Modular dimension	45 mm
Open slots	4
Length min / max	50 / 6070 mm
Mass	3 kg/m
Profile surface [A]	11 cm ²
Area moment of inertia [Ix]	37.2 cm ⁴
Area moment of inertia [Iy]	22.7 cm ⁴
Moment of resistance [Wx]	12.4 cm ³
Moment of resistance [Wy]	10.1 cm ³
Torsional moment of inertia [It]	6.7 cm ⁴
Moment of torsion resistance [Wt]	4.09 cm ³
Material	Aluminum, anodized
Color	Natural
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