

Strut Profile 45x45L, 4 Open Slots, Anodized Aluminum, 45 mm Grid - Bosch Rexroth 3842992967

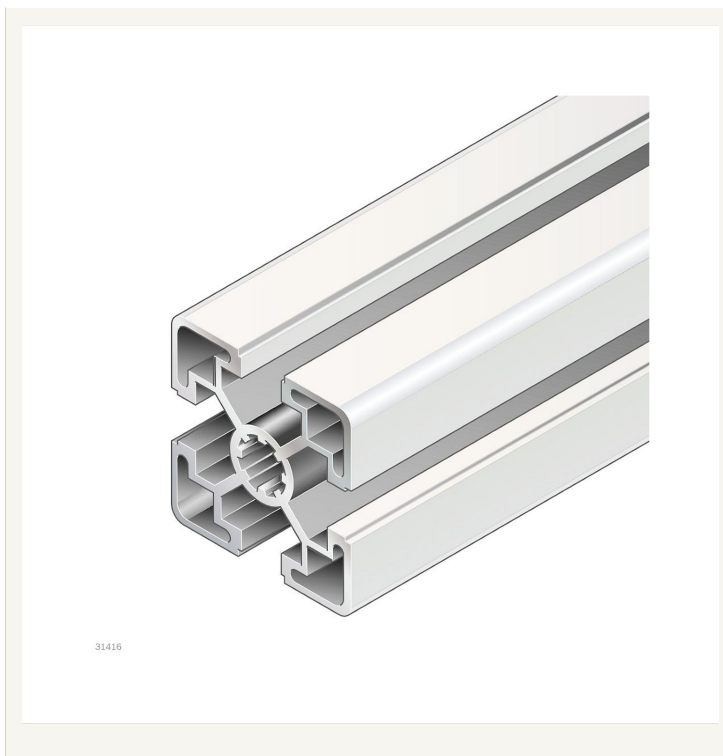
Item no. BRR-3842992967

Manufacturer Bosch Rexroth

Extruded anodized aluminum profile with a 45x45L cross-section, four open slots, and a 45 mm modular dimension for building assembly and automation structures. Area moment of inertia 11.7 cm⁴, profile surface 6 cm² - supplied cut to length from 80 mm to 6000 mm. Compatible with the full Bosch Rexroth profile system and 45x45 cover caps.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
HS-Code	76169990
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 strut profile 45x45L is a standard-type anodized aluminum profile with a square 45x45 cross-section and four open slots (slot size 10). The 45 mm modular dimension allows direct combination with all compatible connectors, brackets, and attachments in the Bosch Rexroth profile system. Cut-to-length ordering is available from 80 mm to 6000 mm.

- Four open slots for flexible connection of fastening elements on all sides
- Anodized aluminum surface - corrosion-resistant, clean appearance, natural color
- High bending stiffness: area moment of inertia $I_x = I_y = 11.7 \text{ cm}^4$, moment of resistance $W_x = W_y = 5.2 \text{ cm}^3$
- Linear mass 1.6 kg/m at a profile surface of 6 cm²
- Cut-to-length pricing - custom lengths from 80 mm to 6000 mm, packaging unit 1 piece

TECHNICAL DATA

Property	Value
Cross-section	45x45L
Dimensions	45x45 mm
Profile type	Standard
Profile slot	10

Property	Value
Modular dimension	45 mm
Open slots	4
Length min (L min)	80 mm
Length max (L max)	6000 mm
Material	Aluminum, anodized
Color	Natural
Mass (m)	1.6 kg/m
Profile surface (A)	6 cm ²
Area moment of inertia in x-direction (Ix)	11.7 cm ⁴
Area moment of inertia in y-direction (Iy)	11.7 cm ⁴
Moment of resistance in x-direction (Wx)	5.2 cm ³
Moment of resistance in y-direction (Wy)	5.2 cm ³
Torsional moment of inertia (It)	1.46 cm ⁴
Moment of torsion resistance (Wt)	0.75 cm ³
Packaging unit	1 piece
Recommended accessories	Cover cap 45x45 signal gray, Cover cap 45x45 black, Cover cap with hole 45x45 signal gray, Cover cap with hole 45x45 black