

Strut Profile 45x45L, 4 Slots, 45 mm Grid, Anodized Aluminum - Bosch Rexroth 3842992954

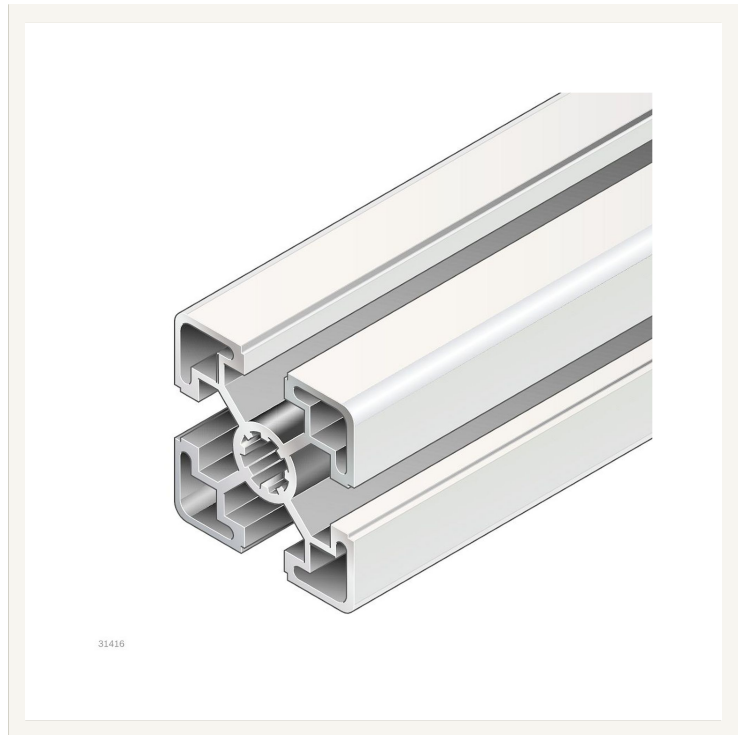
Item no. BRR-3842992954

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with a 45x45L cross-section, four open slots (10 mm wide) and a 45 mm modular dimension. Cut to length from 80 mm to 6000 mm, it integrates directly into the Bosch Rexroth profile system for workstations, machine guards and conveyor structures.

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 Bosch Rexroth 45x45L strut profile is an anodized aluminum standard profile with a 45x45 mm cross-section and four open 10 mm slots. The 45 mm modular dimension ensures full compatibility across the Bosch Rexroth modular assembly system. Custom cut lengths from 80 mm to 6000 mm reduce material waste and eliminate secondary machining steps.

- Four open slots accept connectors, brackets and accessories from all four sides
- Anodized aluminum surface for corrosion resistance and long service life
- Cut to order from 80 mm to 6000 mm - ready to assemble on delivery
- High bending stiffness: area moment of inertia I_x/I_y 11.7 cm⁴ each, moment of resistance W_x/W_y 5.2 cm³ each
- Profile surface 6 cm², mass 1.6 kg/m - lightweight with solid load capacity

TECHNICAL DATA

Property	Value
Cross-section	45x45L
Dimensions	45x45 mm
Modular dimension	45 mm
Open slots	4
Profile slot width	10 mm

Property	Value
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
Length min. (L min)	80 mm
Length max. (L max)	6000 mm
Profile surface (A)	6 cm ²
Mass (m)	1.6 kg/m
Area moment of inertia X (I _x)	11.7 cm ⁴
Area moment of inertia Y (I _y)	11.7 cm ⁴
Moment of resistance X (W _x)	5.2 cm ³
Moment of resistance Y (W _y)	5.2 cm ³
Torsional moment of inertia (I _t)	1.46 cm ⁴
Moment of torsion resistance (W _t)	0.75 cm ³
Packaging unit	1 piece