

Strebenprofil 45x45L, 1000 mm, Nut 10, 4 offene Nuten, eloxiertes Aluminium - Bosch Rexroth 3842992956-1000

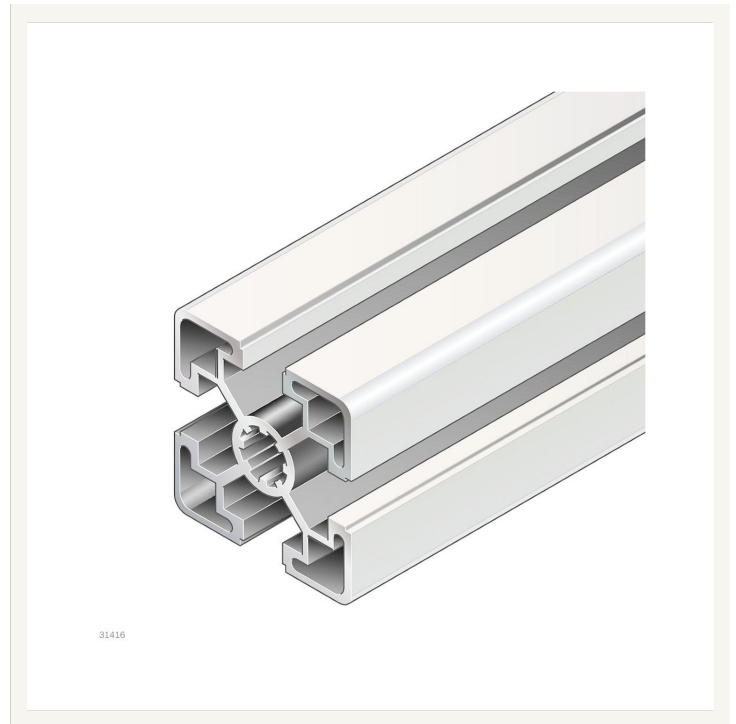
Item no. BRR-3842992956-1000

Manufacturer Bosch Rexroth

Strut profile 45x45L (slot 10) in anodized aluminum for building frames, guarding, and workstation structures in the 45 mm modular system. Four open slots allow connections on all sides without additional drilling, and the profile can be cut to length from 80 mm to 6000 mm. This item is supplied at 1000 mm with a mass per piece.

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 45x45L strut profile is an extruded aluminum section from the Bosch Rexroth assembly technology system, serving as the primary structural element for machine frames, protective enclosures, and industrial workstations. Its four open slots accept connectors, T-nuts, and brackets from all sides within the D17/D17V system, eliminating the need for drilling or welding.

- 4 open slots on all faces - connect components from any direction without machining
- Anodized aluminum: corrosion-resistant, lightweight, and ready for surface contact
- Cut to length between 80 mm and 6000 mm, supplied as individual pieces or factory-cut
- Equal area moment of inertia in x and y directions (11.7 cm⁴) - uniform stiffness in both axes
- Fully compatible with all D17/D17V accessories: angles, T-nuts, cover caps, fastening sets

TECHNICAL DATA

Property	Value
Cross-section	45x45L
Profile type	Standard
Profile slot	10
Modular dimension	45 mm
Open slots	4
Length (this item)	1000 mm

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Property	Value
Length min / max	80 mm / 6000 mm
Profile surface [A]	6 cm ²
Mass [m]	1.6 kg
Area moment of inertia I _x = I _y	11.7 cm ⁴
Moment of resistance W _x = 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
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece
Recommended accessories	Cover cap 45x45 signal gray, Cover cap 45x45 black, Cover cap with hole 45x45 signal gray, Cap with hole 45x45 black