

Strebenprofil 45x45, Nut 10, 4 offene Nuten, Aluminium eloxiert, 1000 mm - Bosch Rexroth 3842990642-1000

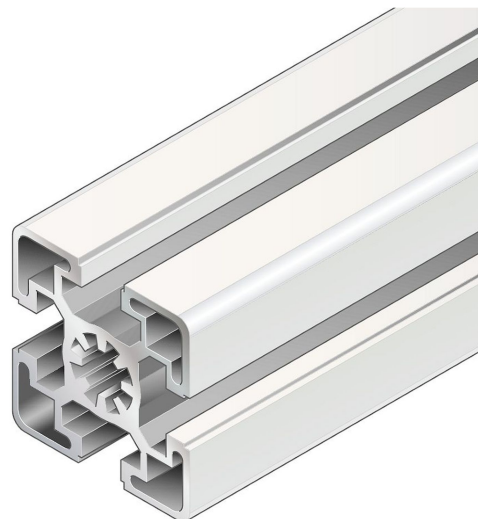
Item no. BRR-3842990642-1000

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with a 45x45 mm cross-section, four open slots (size 10), and a D17/M16 center bore. Compatible with the full Bosch Rexroth 45 mm modular assembly system; available in cut lengths from 170 mm to 6000 mm.

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



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DESCRIPTION

The 45x45 D17/M16 strut profile is a core structural element of the Bosch Rexroth aluminum profile assembly system. Four open slots (slot size 10) on a symmetric 45x45 mm cross-section allow connections and fastenings in any axis - no drilling required. The natural anodized finish provides lasting corrosion resistance straight from delivery.

- Four open slots for maximum connection flexibility in all directions
- Natural anodized surface - corrosion resistant, no secondary treatment needed
- 45 mm modular pitch - fully compatible with all Bosch Rexroth 45-series hardware and accessories
- Cut-to-order lengths from 170 mm to 6000 mm, supplied as individual pieces
- High rigidity: area moment of inertia $I_x = I_y = 13.8 \text{ cm}^4$, equal in both axes

TECHNICAL DATA

Property	Value
Cross-section	45 x 45 mm
Modular dimension	45 mm
Profile slot	10
Open slots	4
Profile type	Standard
Bore / thread	D17 / M16

boxic24.com

Keldersstr. 15

42697 Solingen, Deutschland

VAT ID: DE269659389

Phone: +49 212 38340680

shop@boxic24.com

boxic24.com

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Property	Value
Material	Aluminum, anodized
Color	Natural
Profile surface [A]	7.5 cm ²
Mass [m]	2 kg/m
Area moment of inertia $I_x = I_y$	13.8 cm ⁴
Moment of resistance $W_x = W_y$	6.1 cm ³
Torsional moment of inertia [It]	2.65 cm ⁴
Moment of torsion resistance [Wt]	0.96 cm ³
Length min	170 mm
Length max	6000 mm
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