

Strebenprofil 45x60°, eloxiertes Aluminium, ESD-geeignet, variable Länge 50-6070 mm - Bosch Rexroth 3842993015-1000

Item no. BRR-3842993015-1000

Manufacturer Bosch Rexroth

The 45x60G strut profile in anodized aluminum is a structural element for diagonal bracing, frames, and support structures within the Bosch Rexroth modular profile system. Its asymmetric 60-degree cross-section with two open slots (slot width 10 mm, modular dimension 45 mm) integrates directly with standard 45-series components. ESD-compatible and cut to length from 50 to 6070 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	76042100

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 45x60G strut profile in anodized aluminum provides diagonal bracing and angular structural connections in Bosch Rexroth assembly and automation systems. The asymmetric 45x60° cross-section with two open 10-mm slots and a 45-mm modular pitch fits seamlessly into existing 45-series frameworks. ESD compatibility makes it suitable for electrostatically protected production and test environments.

- Anodized aluminum - corrosion-resistant with long-term slot lubrication retention
- ESD-compatible - safe use in static-sensitive assembly and inspection areas
- Variable length 50 to 6070 mm - cut to order, packaging unit 1 piece
- Two open slots - connectors and attachments can be added or repositioned without disassembly
- High rigidity - area moment of inertia I_x 11.4 cm⁴ / I_y 16.9 cm⁴, profile surface 6.8 cm²

TECHNICAL DATA

Property	Value
Cross-section	45x60°



Property	Value
Dimensions	45x45 mm
Profile type	60 degrees
Modular dimension	45 mm
Profile slot	10 mm
Open slots	2
Length min (L min)	50 mm
Length max (L max)	6070 mm
Mass (m)	1.8 kg/m
Profile surface (A)	6.8 cm ²
Area moment of inertia in x-direction (Ix)	11.4 cm ⁴
Area moment of inertia in y-direction (Iy)	16.9 cm ⁴
Moment of resistance in x-direction (Wx)	4.4 cm ³
Moment of resistance in y-direction (Wy)	5.2 cm ³
Moment of torsion resistance (Wt)	4.3 cm ³
Torsional moment of inertia (It)	6.8 cm ⁴
Material	Aluminum, anodized
ESD	yes
Color	Natural
Condition on delivery	Variable length
Packaging unit	1 piece
Recommended accessories	Cover cap 45x60°, black; Cover cap 45x60°, signal gray