

Strebenprofil 45x60, Aluminium eloxiert, Länge 1000 mm - Bosch Rexroth 3842993743-1000

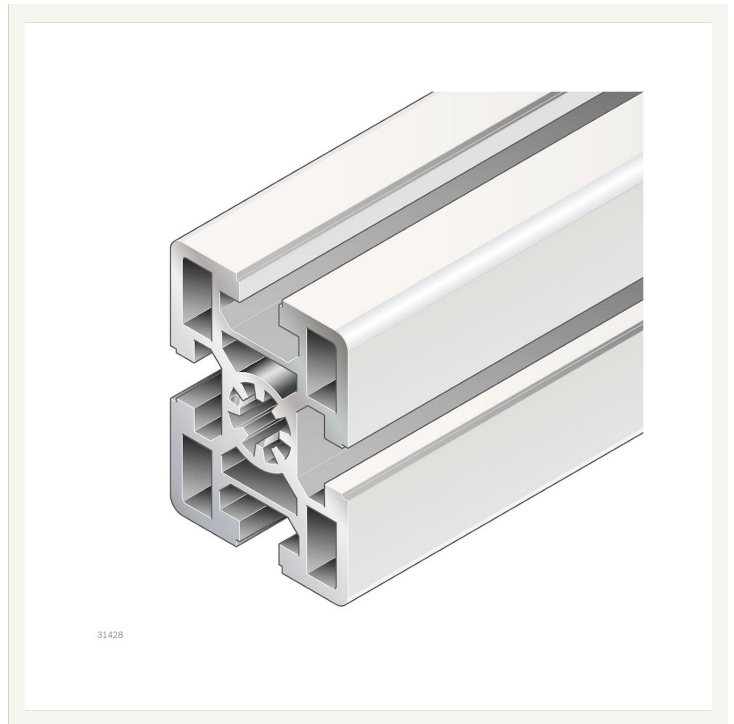
Item no. BRR-3842993743-1000

Manufacturer Bosch Rexroth

Strut profile 45x60 Q&E in anodized aluminum with 4 open slots (slot width 10 mm) for guards, frames, and machine enclosures. The asymmetric cross-section matches the 45 mm modular grid and ships at 1000 mm; custom lengths from 50 mm to 6070 mm and a range of standard and custom profile finishings are available.

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



DESCRIPTION

The 45x60 Q&E strut profile in anodized aluminum is designed for diagonal bracing, frame structures, and machine enclosures within the Bosch Rexroth assembly technology system. Four open slots (width 10 mm) on a 45 mm modular grid allow tool-free connection on all sides and full compatibility with the 45 mm profile range. Delivery length is 1000 mm; lengths between 50 mm and 6070 mm can be ordered.

- Anodized aluminum surface - corrosion-resistant and suitable for visible areas
- 4 open slots (10 mm width) for flexible, all-side connection without disassembly
- Standard profile finishings M12 / M16 / D9.8 / D17 / DB17 / F1(A,C) available to order
- Customized finishings DI / DIS / MT / MTS / MI / MIS / DG on request (DGmax = 30°, Lmin1/Lmin2 = 404/508 mm)
- Area moment of inertia $I_x = 37.2 \text{ cm}^4$ and moment of resistance $W_x = 12.4 \text{ cm}^3$ for reliable bending stiffness in the primary load direction

TECHNICAL DATA

Property	Value
Cross-section	45x60 mm
Modular dimension	45 mm
Profile slot width	10 mm

Property	Value
Open slots	4
Profile type	Standard
Delivery length	1000 mm
Length min / max	50 mm / 6070 mm
Mass (per metre)	3 kg/m (nominal)
Profile surface [A]	11 cm ²
Area moment of inertia [Ix]	37.2 cm ⁴
Area moment of inertia [Iy]	22.7 cm ⁴
Moment of resistance [Wx]	12.4 cm ³
Moment of resistance [Wy]	10.1 cm ³
Torsional moment of inertia [It]	6.7 cm ⁴
Moment of torsion resistance [Wt]	4.09 cm ³
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece
Recommended accessories	Cover cap 45x60 black/signal gray, cover cap with hole 45x60 black/signal gray