

Strebenprofil 45x60, eloxiertes Aluminium, ESD- geeignet, variable Länge 50-6070 mm - Bosch Rexroth 3842990570-1000

Item no. BRR-3842990570-1000

Manufacturer Bosch Rexroth

The 45x60 strut profile from the Bosch Rexroth Profile System 45 is an asymmetric aluminum section for frames, machine structures, and ESD-compliant assembly workstations. Four open slots (10 mm slot width) on a 45 mm modular grid accept standard connectors and accessories from all sides, while the variable cut-to-length service (50 to 6070 mm) eliminates stock-length waste. Anodized finish and ESD certification make it suitable wherever electrostatic-sensitive components are handled.

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

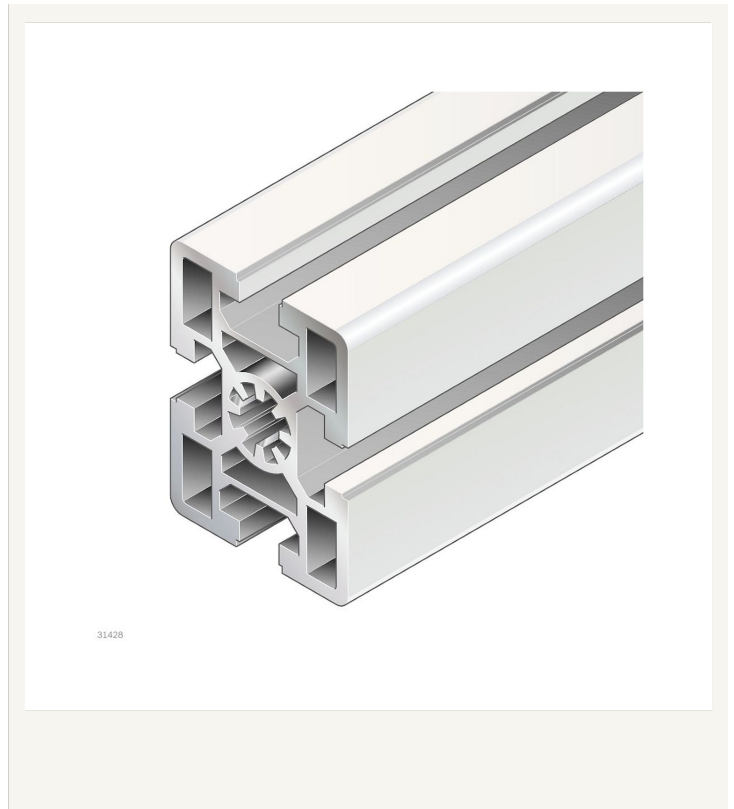
STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 45x60 strut profile (art. 3842990570) is an asymmetric section within the Bosch Rexroth Profile System 45 building-block platform. Its 45x60 mm cross-section, four open 10 mm slots, and 45 mm modular pitch are fully compatible with the entire range of System 45 connectors, fasteners, and accessories. Supplied in natural anodized aluminum, ESD-certified, and available cut to any length between 50 mm and 6070 mm.

- ESD-certified: safe for use in areas where electrostatic-sensitive assemblies are processed or handled
- Variable length 50-6070 mm: order cut to your exact dimension, reducing waste and inventory complexity
- Four open slots: connectors, brackets, and hardware can be positioned and repositioned freely on all four sides
- Anodized aluminum: corrosion-resistant, smooth surface, easy to clean
- Factory machining options: drill D9.8 and D17 in slots B/D, countersinks D9.8V and D17V in slots A/C, longitudinal bore LF in slots A/C, bore F1 in slot A



TECHNICAL DATA

Property	Value
Cross-section	45 x 60 mm
Modular dimension	45 mm
Slot width (profile slot)	10 mm
Open slots	4
Profile type	Standard
Length min. (L min)	50 mm
Length max. (L max)	6070 mm
Mass (m)	3 kg/m
Profile area (A)	11 cm ²
Area moment of inertia x (Ix)	37.2 cm ⁴
Moment of resistance x (Wx)	12.4 cm ³
Area moment of inertia y (Iy)	22.7 cm ⁴
Moment of resistance y (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
ESD	Yes
Condition on delivery	Variable length
Packaging unit	1
Recommended accessories	Cover cap 45x60 black, Cover cap 45x60 signal gray, Cover cap with hole 45x60 black, Cover cap with hole 45x60 signal gray