

Strebenprofil 30x45°, Aluminium eloxiert, 1000 mm - Bosch Rexroth 3842993011-1000

Item no. BRR-3842993011-1000

Manufacturer Bosch Rexroth

Strut profile in the 30x45° cross-section for diagonal bracing and angled connections within the Bosch Rexroth 30 mm modular aluminum profile system. Supplied as a variable length cut to order from 50 mm up to 6070 mm. Two open slots (8 mm width) accept standard slot nuts, connectors, and brackets from the size-30 range.

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 30x45° strut profile extends the Bosch Rexroth aluminum profile system with diagonal struts and bracing elements. The 45-degree cross-section creates positive-fit angled connections with standard size-30 rectangular profiles, with no special machining required. The anodized aluminum surface provides lasting corrosion resistance in industrial and laboratory environments.

- Two open slots (8 mm width) accept slot nuts, angle brackets, and connectors from the standard size-30 range directly.
- Variable length supply: cut to order from 50 mm to 6070 mm, eliminating waste from fixed stock lengths.
- Profile cross-sectional area 4 cm², mass 1.1 kg/m - lightweight with good torsional stiffness (Wt = 2.4 cm³).
- Natural anodized finish - low maintenance and visually clean in open frame structures.

TECHNICAL DATA

Property	Value
Cross-section	30x45°
Profile type	45 degrees
Dimensions	30x30 mm
Modular dimension	30 mm

Property	Value
Profile slot width	8 mm
Open slots	2
Min. length (L min)	50 mm
Max. length (L max)	6070 mm
Condition on delivery	Variable length
Profile surface (A)	4 cm ²
Mass (m)	1.1 kg/m
Area moment of inertia, x-direction (Ix)	3.6 cm ⁴
Area moment of inertia, y-direction (Iy)	5.1 cm ⁴
Moment of resistance, x-direction (Wx)	2.1 cm ³
Moment of resistance, y-direction (Wy)	2.3 cm ³
Torsional moment of inertia (It)	2.1 cm ⁴
Moment of torsion resistance (Wt)	2.4 cm ³
Material	Aluminum, anodized
Color	Natural
Packaging unit	1
Recommended accessories	Cover cap 30x45°, black; Cover cap 30x45°, signal gray