

Strebenprofil 45x30°, 6070 mm, Aluminium eloxiert, Natur - Bosch Rexroth 3842558316

Item no. BRR-3842558316 **Manufacturer** Bosch Rexroth

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Strut profile with 45x30° cross-section and 6070 mm length in anodized aluminum for the Bosch Rexroth assembly technology system. Two open slots (profile slot 10, modular dimension 45 mm) allow direct integration with standard 45-series connectors and fasteners. Supplied as a single rod in standard length, natural color.

TECHNICAL DATA

Article authenticity	Original product
Condition of article	New
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.
Lenght	6070 mm
Weight	11.5 kg
Zolltarifnummer	76042100



6070 mm
LENGHT
WEIGHT
11.5 kg

DESCRIPTION

The Bosch Rexroth 45x30° strut profile is an anodized aluminum section, 6070 mm long, for constructing assembly and transfer systems. The 30-degree profile type with 45x45 mm dimensions and two open slots combines high rigidity with low weight - suited for diagonal bracing, stiffening members, and frame structures within the 45 mm modular grid.

- 45x30° cross-section, 45 mm modular dimension - fully compatible with the Bosch Rexroth Profile System 45
- Anodized aluminum: corrosion-resistant, durable surface finish, natural color
- Two open slots (profile slot 10) accept groove connectors and fasteners without cutting the slot

- Area moments of inertia I_x 12.7 cm⁴ / I_y 15.2 cm⁴ for accurate structural calculation
- Mass 1.9 kg/m - low self-weight simplifies handling and assembly

Technical data

Property	Value
Cross-section	45x30°
Profile type	30 degrees
Dimensions	45x45 mm
Length [L]	6070 mm
Modular dimension	45 mm
Profile slot	10
Open slots	2
Material	Aluminum, anodized
Color	Natural
Profile surface [A]	6.9 cm ²
Area moment of inertia in x-direction [I_x]	12.7 cm ⁴
Area moment of inertia in y-direction [I_y]	15.2 cm ⁴
Moment of resistance in x-direction [W_x]	5.0 cm ³
Moment of resistance in y-direction [W_y]	5.3 cm ³
Torsional moment of inertia [I_t]	6.6 cm ⁴
Moment of torsion resistance [W_t]	5.7 cm ³
Mass [m]	1.9 kg/m
Weight (bar)	11.5 kg
Condition on delivery	Single rod in standard length
Packaging unit	1
Recommended accessories	Cover cap 45x30°, signal gray; Cover cap 45x30°, black