

Strebenprofil 40x80x80L, Länge 6070 mm, Aluminium eloxiert, ESD - Bosch Rexroth 3842529370

Item no. BRR-3842529370 **Manufacturer** Bosch Rexroth

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Angled aluminum strut profile with cross-section 40x80x80L and a length of 6070 mm for building assembly systems, workstations, and machine frames. The anodized natural-finish profile is ESD-rated, features 8 open slots (slot size 10, modular dimension 40 mm), and is supplied as a single rod in standard length. Recommended accessories: cover cap 40x80x80 in signal gray or black.

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	25.606 kg
Zolltarifnummer	76042100



LENGHT

6070 mm

WEIGHT

25.606 kg

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 40x80x80L strut profile at 6070 mm length is an angled aluminum extrusion from the Bosch Rexroth Assembly Technology system. It integrates directly into the 40 mm modular grid and is suited for structural applications in workstations, guarding, and machine frames where ESD protection is required. The anodized natural finish provides good corrosion resistance without additional surface treatment.

- 8 open slots allow connections at any point along the profile without drilling or additional machining.
- Symmetric area moments of inertia ($I_x = I_y = 96.6 \text{ cm}^4$) in both principal axes - well-suited for evenly loaded load-bearing structures.
- ESD-rated for use in electrostatic protected areas (EPA).
- Supplied as a single rod in standard length; mass per rod 4.2 kg, total delivery weight 25.606 kg.

Technical data

Property	Value
Cross-section	40x80x80L
Profile type	Angled
Length [L]	6070 mm
Dimensions	40x80x80 mm
Modular dimension	40 mm
Profile slot	10
Open slots	8
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Profile surface [A]	15.4 cm ²
Area moment of inertia in x-direction [I _x]	96.6 cm ⁴
Area moment of inertia in y-direction [I _y]	96.6 cm ⁴
Moment of resistance in x-direction [W _x]	24.2 cm ³
Moment of resistance in y-direction [W _y]	24.2 cm ³
Torsional moment of inertia [I _t]	19.6 cm ⁴
Moment of torsion resistance [W _t]	9.8 cm ³
Mass [m]	4.2 kg
Weight (delivery unit)	25.606 kg
Packaging unit	1
Condition on delivery	Single rod in standard length
Recommended accessories	Cover cap 40x80x80, signal gray; Cover cap 40x80x80, black