

# Strebenprofil 80x80L 6N, Länge 6070 mm, eloxiertes Aluminium, ESD-geeignet - Bosch Rexroth 3842536482

**Item no.** BRR-3842536482 **Manufacturer** Bosch Rexroth

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Strut profile with 80x80L cross-section and profile type 6N, supplied as a single rod at standard length 6070 mm in anodized aluminum. Eight open slots with a 40 mm modular dimension provide flexible connection options across the full length. ESD-rated for use in electrostatic-sensitive assembly environments.

## TECHNICAL DATA

Article authenticity	<b>Original product</b>
Condition of article	<b>New</b>
Country of Manufacture	<b>Germany</b>
Hinweis	<b>Gemäß der aktuellen Preisstruktur werden für Bestellungen von Profilen mit einer Länge von 1500 mm zusätzliche Kosten in Höhe von 80,00 Euro berechnet.</b>
Lenght	<b>6070 mm</b>
Weight	<b>31.04 kg</b>
Zolltarifnummer	<b>76042100</b>



LENGHT

**6070** mm

WEIGHT

**31.04** kg

## STANDARDS & COMPLIANCE

**ESD safe**

## DESCRIPTION

The Bosch Rexroth Strut Profile 80x80L 6N is an anodized aluminum structural profile, 6070 mm long, designed for building rigid frames, machine bases, and workstation structures. Eight open slots (slot size 10, modular dimension 40 mm) allow connections and attachments at any point along the profile. ESD suitability covers use in electrostatically sensitive production areas.

- High rigidity: area moment of inertia  $I_x$  134.1 cm<sup>4</sup> /  $I_y$  140.9 cm<sup>4</sup>
- 8 open slots for versatile connections and attachments
- ESD-suitable for sensitive electronics assembly environments
- Supplied as a single rod in standard length, ready to install
- Recommended accessory: cover cap 80x80, signal gray

## Technical data

Property	Value
Cross-section	80x80L 6N
Profile type	6N
Dimensions	80x80 mm
Length [L]	6070 mm
Modular dimension	40 mm
Profile slot	10
Open slots	8
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Profile surface [A]	18.8 cm <sup>2</sup>
Mass [m]	5.1 kg/m
Weight (rod)	31.04 kg
Area moment of inertia X [ $I_x$ ]	134.1 cm <sup>4</sup>
Area moment of inertia Y [ $I_y$ ]	140.9 cm <sup>4</sup>
Moment of resistance X [ $W_x$ ]	33.5 cm <sup>3</sup>
Moment of resistance Y [ $W_y$ ]	36.2 cm <sup>3</sup>
Torsional moment of inertia [ $I_t$ ]	72.6 cm <sup>4</sup>
Moment of torsion resistance [ $W_t$ ]	15 cm <sup>3</sup>
Condition on delivery	Single rod in standard length
Packaging unit	1