

# Strebenprofil 80x80L, 6070 mm, Aluminium eloxiert, ESD-geeignet - Bosch Rexroth 3842529348

**Item no.** BRR-3842529348 **Manufacturer** Bosch Rexroth

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Extruded anodized aluminum strut profile with an 80x80L cross-section, 8 open slots, and profile slot 10 on a 40 mm modular grid. ESD-suitable and supplied as a single rod at the standard length of 6070 mm. Designed for load-bearing frames, machine bases, and modular assembly structures within the Bosch Rexroth profile system.

## 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>27.816 kg</b>
Zolltarifnummer	<b>76042100</b>



LENGHT

**6070** mm

WEIGHT

**27.816** kg

## STANDARDS & COMPLIANCE

**ESD safe**

## DESCRIPTION

The Bosch Rexroth 80x80L strut profile is an anodized aluminum structural member for demanding machine frames, support structures, and modular assembly systems. Its 80x80 mm cross-section with 8 open slots and profile slot 10 on a 40 mm modular grid integrates directly into the Bosch Rexroth profile system. ESD suitability makes it a reliable choice for electrostatically protected production environments.

- High bending and torsional stiffness: area moment of inertia 132.1 cm<sup>4</sup> (x and y axes), torsional moment of inertia 59.8 cm<sup>4</sup>
- 8 open slots allow flexible connection and fastening without disassembly
- ESD-suitable for safe use in electrostatic discharge-sensitive production areas
- Anodized aluminum: corrosion-resistant, lightweight, and durable
- Supplied as a single rod at the standard length of 6070 mm, ready to install

## Technical data

Property	Value
Cross-section	80x80L
Dimensions	80 x 80 mm
Length [L]	6070 mm
Profile slot	10
Modular dimension	40 mm
Open slots	8
Profile type	Standard
ESD	yes
Color	Natural
Material	Aluminum, anodized
Profile surface [A]	18.2 cm <sup>2</sup>
Area moment of inertia [Ix]	132.1 cm <sup>4</sup>
Area moment of inertia [Iy]	132.1 cm <sup>4</sup>
Moment of resistance [Wx]	33 cm <sup>3</sup>
Moment of resistance [Wy]	33 cm <sup>3</sup>
Torsional moment of inertia [It]	59.8 cm <sup>4</sup>
Moment of torsion resistance [Wt]	17.2 cm <sup>3</sup>
Mass [m]	4.9 kg
Weight (rod)	27.816 kg
Packaging unit	1
Condition on delivery	Single rod in standard length
Recommended accessories	Cover cap 80x80, signal gray; Mounting hole plug 80x80, black