

# Strebenprofil 50x50L, 6070 mm, Aluminium eloxiert, Nut 10 - Bosch Rexroth 3842529352

**Item no.** BRR-3842529352 **Manufacturer** Bosch Rexroth

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Strut profile with 50x50L cross-section and 6070 mm length in anodized aluminum, designed for modular assembly structures, machine guarding, and conveyor frames. Four open slots on a 10 mm grid allow tool-free positioning of connectors and accessories. Supplied as a single rod in standard length; recommended accessories: cover caps 50x50.

## 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>14.82 kg</b>
Zolltarifnummer	<b>76042100</b>



LENGHT

**6070** mm

WEIGHT

**14.82** kg

## DESCRIPTION

The Bosch Rexroth 50x50L strut profile is a symmetrical extruded aluminum section for building modular assembly systems, protective enclosures, workpiece carriers, and machine frames. Four open T-slots on a 10 mm modular grid accept connectors, brackets, and add-on components without drilling.

- Four open slots, profile slot 10, modular dimension 50 mm - flexible connection at any position along the profile length
- Anodized aluminum - corrosion resistant, lightweight, and visually clean for exposed applications

- Equal moments of inertia in both axes ( $I_x = I_y = 21.2 \text{ cm}^4$ ;  $W_x = W_y = 8.5 \text{ cm}^3$ ) - consistent load capacity in both bending planes
- Delivery weight 14.82 kg (linear mass 2.5 kg/m) - ready to install without additional preparation

## Technical data

Property	Value
Cross-section	50x50L
Length [L]	6070 mm
Dimensions	50x50 mm
Modular dimension	50 mm
Profile slot	10
Open slots	4
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
Profile surface [A]	9.3 cm <sup>2</sup>
Area moment of inertia X [ $I_x$ ]	21.2 cm <sup>4</sup>
Area moment of inertia Y [ $I_y$ ]	21.2 cm <sup>4</sup>
Moment of resistance X [ $W_x$ ]	8.5 cm <sup>3</sup>
Moment of resistance Y [ $W_y$ ]	8.5 cm <sup>3</sup>
Torsional moment of inertia [ $I_t$ ]	5.37 cm <sup>4</sup>
Moment of torsion resistance [ $W_t$ ]	4.3 cm <sup>3</sup>
Mass [m]	2.5 kg/m
Weight (delivery unit)	14.82 kg
Condition on delivery	Single rod in standard length
Packaging unit	1
Recommended accessories	Cover cap 50x50 black, Cover cap 50x50 signal gray, Cover cap with hole 50x50 signal gray, Cover cap with hole 50x50 black