

# Strebenprofil 60x90, Länge 6070 mm, Aluminium eloxiert - Bosch Rexroth 3842557217

**Item no.** BRR-3842557217 **Manufacturer** Bosch Rexroth

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Strut profile with a 60x90 mm cross-section and 6070 mm length, manufactured from anodized aluminum for load-bearing frame structures, machine enclosures, and assembly systems in the 60 mm modular grid. Six open slots (profile slot 10) allow tool-free positioning of connectors and accessories along the full profile length. Supplied as a single rod in standard length; recommended accessories include cover caps 60x90.

## 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>42.9 kg</b>
Zolltarifnummer	<b>76042100</b>



## DESCRIPTION

The Bosch Rexroth strut profile 60x90 is part of the aluminum profile system built on a 60 mm modular dimension, intended for structural frames, machine guards, and industrial assembly rigs that demand both rigidity and modular flexibility. At 6070 mm in length with six open slots and a profile slot of 10, it integrates directly with standard Rexroth connectors and accessories without additional machining.

- High bending stiffness: area moment of inertia  $I_x = 214.2 \text{ cm}^4$  (x-direction),  $I_y = 90.5 \text{ cm}^4$  (y-direction)

- Moment of resistance  $W_x = 47.6 \text{ cm}^3$ ,  $W_y = 30.2 \text{ cm}^3$  for reliable load transfer
- Torsional moment of inertia  $I_t = 45.8 \text{ cm}^4$ , moment of torsion resistance  $W_t = 18 \text{ cm}^3$
- Anodized aluminum: corrosion-resistant, dimensionally stable, natural finish
- Six open slots enable continuous positioning of accessories along the entire length
- Profile surface  $A = 25.8 \text{ cm}^2$ , total weight per rod: 42.9 kg

## Technical data

Property	Value
Cross-section	60x90 mm
Length [L]	6070 mm
Modular dimension	60 mm
Profile slot	10
Open slots	6
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
Profile surface [A]	25.8 cm <sup>2</sup>
Area moment of inertia $I_x$ (x-direction)	214.2 cm <sup>4</sup>
Area moment of inertia $I_y$ (y-direction)	90.5 cm <sup>4</sup>
Moment of resistance $W_x$ (x-direction)	47.6 cm <sup>3</sup>
Moment of resistance $W_y$ (y-direction)	30.2 cm <sup>3</sup>
Torsional moment of inertia [ $I_t$ ]	45.8 cm <sup>4</sup>
Moment of torsion resistance [ $W_t$ ]	18 cm <sup>3</sup>
Mass [m]	7 kg
Weight (rod)	42.9 kg
Condition on delivery	Single rod in standard length
Packaging unit	1
Recommended accessories	Cover cap 60x90 signal gray, Cover cap 60x90 black, Cover cap with hole 60x90 signal gray, Cover cap with hole 60x90 black