

# Strebenprofil 60x90, Aluminium eloxiert, 6 Nuten, bis 6070 mm - Bosch Rexroth 3842993671

**Item no.** BRR-3842993671 **Manufacturer** Bosch Rexroth

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Asymmetric aluminum strut profile 60x90 with 6 open slots (slot width 10 mm) for load-bearing frame assemblies and workstations. Area moment of inertia  $I_x$  214.2 cm<sup>4</sup>, mass 7 kg/m. Available in custom lengths from 50 to 6070 mm with standard and customized profile finishing options.

## TECHNICAL DATA

Article authenticity	<b>Original product</b>
Condition of article	<b>New</b>
Country of Manufacture	<b>Germany</b>
ESD-Ausführung	<b>TEC</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>
Weight	<b>0.1 kg</b>
Zolltarifnummer	<b>76042100</b>



## STANDARDS & COMPLIANCE

**ESD safe**

## DESCRIPTION

The 60x90 strut profile in anodized aluminum is a structural base profile within the Bosch Rexroth profile system, suited for machine frames, assembly stations, and guarding structures. Six open slots (width 10 mm) and a modular dimension of 60 mm allow fast integration with the full range of profile system accessories.

- High bending stiffness: area moment of inertia  $I_x$  214.2 cm<sup>4</sup> /  $I_y$  90.5 cm<sup>4</sup> - suitable for load-

bearing frames and cross-members

- Flexible cut-to-length: 50 to 6070 mm; standard profile finishing M16, D9.8, D17, DB17, F1(A, D) available ex-works
- Customized finishing: DI, DIS, MT, MTS, MI, MIS, DG (DGmax 45°, Lmin 456/612 mm depending on type)
- Anodized aluminum: corrosion-resistant, lightweight, neutral surface finish (natural color)
- System-compatible: fits cover caps 60x90 in black or signal gray, with or without hole

## Technical data

Property	Value
Cross-section	60x90 mm
Modular dimension	60 mm
Profile slot	10 mm
Open slots	6
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
Length min (L min)	50 mm
Length max (L max)	6070 mm
Profile surface (A)	25.8 cm <sup>2</sup>
Mass (m)	7 kg/m
Area moment of inertia X (Ix)	214.2 cm <sup>4</sup>
Moment of resistance X (Wx)	47.6 cm <sup>3</sup>
Area moment of inertia Y (Iy)	90.5 cm <sup>4</sup>
Moment of resistance Y (Wy)	30.2 cm <sup>3</sup>
Torsional moment of inertia (It)	45.8 cm <sup>4</sup>
Moment of torsion resistance (Wt)	18 cm <sup>3</sup>
Standard profile finishing	M16 / D9.8 / D17 / DB17 / F1(A, D)
Customized profile finishing	DI / DIS / MT / MTS / MI / MIS / DG
Packaging unit	1