

# Strebenprofil 60x60 M12/D17, 1000 mm, Aluminium eloxiert, 4 Nuten - Bosch Rexroth 3842990355-1000

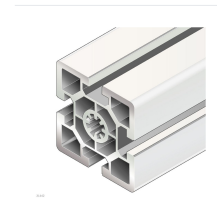
**Item no.** BRR-3842990355-1000 **Manufacturer** Bosch Rexroth

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Square aluminum strut profile, 60x60 mm cross-section with four open slots (slot width 10 mm, modular dimension 60 mm) for building assembly frames, guards, and support structures. The anodized standard profile delivers an area moment of inertia of 52.2 cm<sup>4</sup> at 3.9 kg/m and is available in lengths from 90 to 6000 mm. Compatible with the full Bosch Rexroth profile system 60 range of connectors and accessories.

## 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>0.0099 kg</b>
Zolltarifnummer	<b>76169990</b>



## STANDARDS & COMPLIANCE

**ESD safe**

## DESCRIPTION

The strut profile 60x60 M12/D17 is a symmetrical aluminum extruded profile with four open slots and a 60x60 mm cross-section. It serves as the primary structural element for assembly frames, protective enclosures, jigs, and transport racks within the Bosch Rexroth profile system. The central channel M12/D17 accepts fasteners up to M12 (bore diameter 17 mm); the four longitudinal slots

(width 10 mm) allow stepless attachment of connectors and add-on components at any position along the length.

- Symmetrical cross-section - identical bending and torsional properties on both axes ( $I_x = I_y = 52.2 \text{ cm}^4$ ,  $W_x = W_y = 17.4 \text{ cm}^3$ )
- Anodized aluminum - corrosion-resistant, lightweight, and dimensionally stable
- Four open slots allow connections on all four sides without repositioning the profile
- Cut to any length between 90 mm and 6000 mm, supplied individually (packaging unit: 1)
- Direct compatibility with all connectors, brackets, and end caps in the Bosch Rexroth series 60

## Technical data

Property	Value
Cross-section	60x60 mm
Profile type	Standard
Slot width	10 mm
Modular dimension	60 mm
Open slots	4
Length min.	90 mm
Length max.	6000 mm
Profile surface [A]	14.4 cm <sup>2</sup>
Mass [m]	3.9 kg/m
Area moment of inertia X [ $I_x$ ]	52.2 cm <sup>4</sup>
Area moment of inertia Y [ $I_y$ ]	52.2 cm <sup>4</sup>
Moment of resistance X [ $W_x$ ]	17.4 cm <sup>3</sup>
Moment of resistance Y [ $W_y$ ]	17.4 cm <sup>3</sup>
Torsional moment of inertia [ $I_t$ ]	15.9 cm <sup>4</sup>
Moment of torsion resistance [ $W_t$ ]	8.8 cm <sup>3</sup>
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece
Recommended accessories	Mounting hole plug 60x60 black, Cover cap 60x60 signal gray, Cover cap with hole 60x60 black, Cover cap with hole 60x60 signal gray