

Strut Profile 60x90 D17/D17 - Anodized Aluminum Profile with 6 Slots - Bosch Rexroth 3842990097

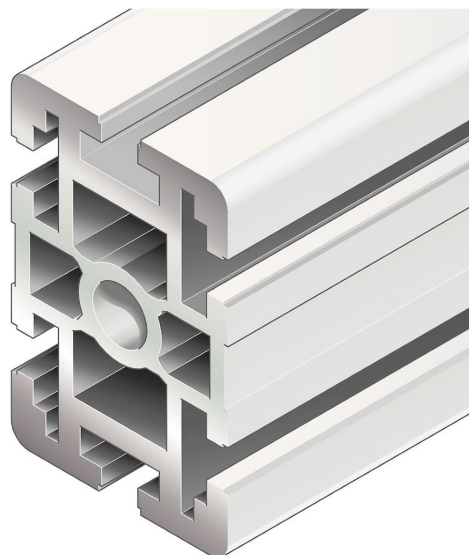
Item no. BRR-3842990097

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with a 60x90 mm cross-section, 6 open slots, and a 60 mm modular dimension. The D17 drilling treatment in slots B/F and C/E allows direct bolted connections without threading. Available as cut-to-length from 80 mm to 6000 mm.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
HS-Code	76169990
Note	Gemäß der aktuellen Preisstruktur werden für Bestellungen von Profilen mit einer Länge von 1500 mm zusätzliche Kosten in Höhe von 80,00 Euro berechnet.
Weight	0.1 kg



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DESCRIPTION

The 60x90 D17/D17 strut profile in anodized aluminum is designed for building load-bearing frames and diagonal bracing structures within the Bosch Rexroth aluminum profile system. Six open slots and a 60 mm modular dimension allow integration along all three spatial axes, fully compatible with other profiles in the 60-series.

- 6 open slots for maximum connection flexibility at nodes
- D17 drilling in slots B/F and C/E for direct bolted assembly without tapping
- Anodized surface: corrosion-resistant, low maintenance, natural finish
- High bending stiffness: area moment of inertia $I_x = 214.2 \text{ cm}^4$, $I_y = 90.5 \text{ cm}^4$
- Cut-to-length from 80 mm to 6000 mm, supplied as individual piece

TECHNICAL DATA

Property	Value
Cross-section	60x90 mm
Modular dimension	60 mm
Profile type	Standard
Open slots	6
Profile slot	10

Property	Value
Profile adaption	D17: in slots B/F, C/E; D17V: in slots A/D
Color	Natural
Material	Aluminum, anodized
Length min (L min)	80 mm
Length max (L max)	6000 mm
Profile surface (A)	25.8 cm ²
Mass (m)	7 kg/m
Area moment of inertia x-direction (Ix)	214.2 cm ⁴
Area moment of inertia y-direction (Iy)	90.5 cm ⁴
Moment of resistance x-direction (Wx)	47.6 cm ³
Moment of resistance y-direction (Wy)	30.2 cm ³
Torsional moment of inertia (It)	45.8 cm ⁴
Moment of torsion resistance (Wt)	18 cm ³
Packaging unit	1 piece