

Strut Profile 60x60L, Anodized Aluminum, Slot 10, Variable Length 50-6070 mm - Bosch Rexroth 3842992443

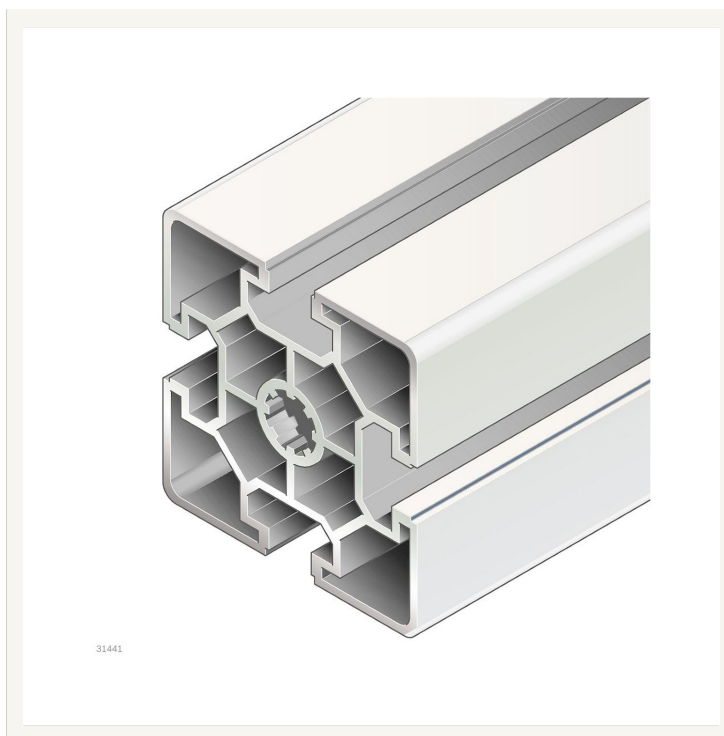
Item no. BRR-3842992443

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with 60x60L cross-section and four open slots (slot 10, modular dimension 60 mm) for the Bosch Rexroth assembly system. Supplied cut to length from 50 mm to 6070 mm. Area moment of inertia 32.4 cm^4 , profile surface 9.6 cm^2 .

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
HS-Code	76042100
Weight	2.6 kg



DESCRIPTION

The 60x60L strut profile in anodized aluminum is the primary structural element for assembly and transfer systems built on the Bosch Rexroth modular system. Four open slots (slot 10, modular dimension 60 mm) allow connectors, brackets and attachments to be positioned anywhere along the full length - no drilling or rework required.

- Variable cut-to-length from 50 mm to 6070 mm - ordered to size, zero waste
- Symmetric 60x60L cross-section: area moment of inertia $I_x = I_y = 32.4 \text{ cm}^4$ for equal load capacity in both axes
- Torsional moment of inertia $I_t = 13.2 \text{ cm}^4$, torsional moment of resistance $W_t = 8.7 \text{ cm}^3$ for torsionally rigid structures
- Profile surface 9.6 cm^2 , mass 2.6 kg/m - favorable stiffness-to-weight ratio
- Anodized finish: corrosion-resistant, easy to clean, ready to use without further surface treatment
- Fully compatible with the Bosch Rexroth 60 mm modular grid (connectors, cover caps, foot plates)

TECHNICAL DATA

Property	Value
Cross-section	60x60L
Dimensions	60x60 mm
Profile type	Standard

Property	Value
Open slots	4
Profile slot	10
Modular dimension	60 mm
Length min (L min)	50 mm
Length max (L max)	6070 mm
Condition on delivery	Variable length (cut to size)
Material	Aluminum, anodized
Color	Natural
Profile surface (A)	9.6 cm ²
Mass (m)	2.6 kg/m
Area moment of inertia X (I _x)	32.4 cm ⁴
Area moment of inertia Y (I _y)	32.4 cm ⁴
Moment of resistance X (W _x)	10.8 cm ³
Moment of resistance Y (W _y)	10.8 cm ³
Torsional moment of inertia (I _t)	13.2 cm ⁴
Torsional moment of resistance (W _t)	8.7 cm ³
Packaging unit	1