

Strebenprofil 80x80L M12/M12, ESD-geeignet, Aluminium eloxiert - Bosch Rexroth 3842993147

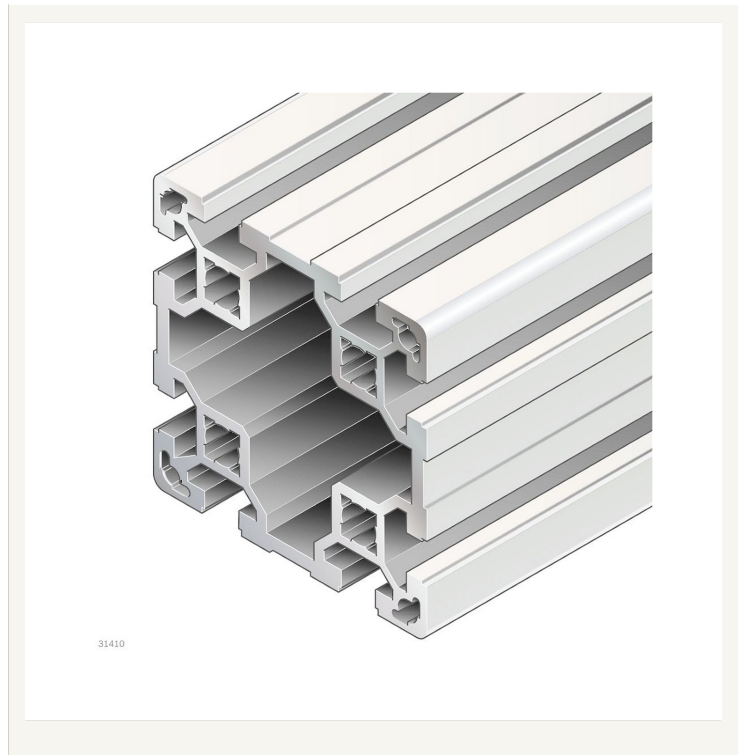
Item no. BRR-3842993147

Manufacturer Bosch Rexroth

Heavy-duty 80x80L aluminum strut profile with M12 tapped cores in all channels, ready for direct assembly in the Bosch Rexroth construction system. ESD-suitable and anodized, cut to length between 110 mm and 6000 mm. Eight open slots with 40 mm modular spacing enable connections in any direction without machining.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
Hinweis	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
Zolltarifnummer	76169990



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 80x80L M12/M12 strut profile in anodized aluminum provides a load-bearing foundation for machine frames, workstations and assembly structures within the Bosch Rexroth construction system. Eight open slots (slot width 10 mm, 40 mm modular dimension) give full connection flexibility on all faces. Pre-machined M12 threads in every core and D17/D17V holes in the slots eliminate on-site drilling and reduce assembly time. ESD suitability and natural anodizing make the profile appropriate for electrostatically protected production areas.

- 8 open slots for multi-directional connections without additional machining
- M12 threads in all cores; D17 in slots A/F and B/E; D17V in slots C/H and D/G
- ESD-suitable for use in EPA-compliant environments
- Cut-to-length: 110 mm to 6000 mm, packaging unit 1 piece
- Recommended accessories: cover cap 80x80 in signal gray or black

TECHNICAL DATA

Property	Value
Cross-section	80x80L

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Property	Value
Dimensions	80 x 80 mm
Modular dimension	40 mm
Profile slot width	10 mm
Open slots	8
Profile type	Standard
Profile adaption	M12 in all cores; D17 in slots A/F, B/E; D17V in slots C/H, D/G
Material	Aluminum, anodized
Color	Natural
ESD-suitable	Yes
Length min (L min)	110 mm
Length max (L max)	6000 mm
Mass (m)	4.9 kg/m
Profile surface (A)	18.2 cm ²
Area moment of inertia X (I _x)	132.1 cm ⁴
Area moment of inertia Y (I _y)	132.1 cm ⁴
Moment of resistance X (W _x)	33 cm ³
Moment of resistance Y (W _y)	33 cm ³
Torsional moment of inertia (I _t)	59.8 cm ⁴
Moment of torsion resistance (W _t)	17.2 cm ³
Packaging unit	1 piece