

Strebenprofil 80x80L D17/D17V, eloxiertes Aluminium, ESD-geeignet, 8 Nuten - Bosch Rexroth 3842993151

Item no. BRR-3842993151

Manufacturer Bosch Rexroth

Heavy-duty aluminum strut profile with 80x80L cross-section and 8 open slots (modular dimension 40 mm, slot width 10 mm) for structural framing in assembly and automation systems. ESD-suitable and anodized, available cut to length from 80 mm to 6000 mm. Factory-machined with M12 tapped holes in all core bores plus D17 and D17V bores in defined slot positions.

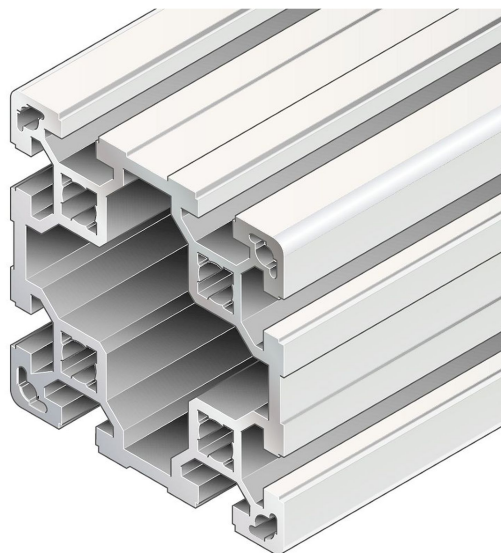
TECHNICAL DATA

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**


31410

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth Strut Profile 80x80L (article 3842993151) is a high-load aluminum structural profile designed for machine frames, assembly stations, and automation systems where rigidity and ESD protection are required. The symmetric 80x80 cross-section with 8 open slots provides full 360-degree connection flexibility for fasteners and accessories.

- 8 open slots (slot 10, modular dimension 40 mm) on all faces - unrestricted fastener and accessory positioning
- ESD-suitable - safe for use in electronics manufacturing, test systems, and ESD-sensitive environments
- Anodized aluminum, natural color - corrosion-resistant, ready to install without additional surface treatment
- Cut-to-length service from 80 mm to 6000 mm - reduces waste and delivers exact frame dimensions
- Factory machining included: M12 in all core bores, D17 in slots A/F and B/E, D17V in slots C/H and D/G

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- High bending stiffness: area moment of inertia $I_x = I_y = 132.1 \text{ cm}^4$, section modulus $W_x = W_y = 33 \text{ cm}^3$

TECHNICAL DATA

Property	Value
Cross-section	80x80L
Dimensions [mm]	80x80
Modular dimension [mm]	40
Profile slot	10
Open slots	8
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Length min / max [mm]	80 / 6000
Mass [m] [kg/m]	4.9
Profile surface [A] [cm ²]	18.2
Area moment of inertia $I_x = I_y$ [cm ⁴]	132.1
Section modulus $W_x = W_y$ [cm ³]	33
Torsional moment of inertia I_t [cm ⁴]	59.8
Moment of torsion resistance W_t [cm ³]	17.2
Profile machining	M12: all core bores - D17: slots A/F, B/E - D17V: slots C/H, D/G
Packaging unit	1
Recommended accessories	Cover cap 80x80 signal gray, Mounting hole plug 80x80 black