

# Strebenprofil 40x80L M12/M12, Aluminium eloxiert, 6 Nuten, ESD-geeignet - Bosch Rexroth 3842993132

**Item no.** BRR-3842993132 **Manufacturer** Bosch Rexroth

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Anodized aluminum strut profile with a 40x80L cross-section, 6 open slots, and M12 tapping in all core bores - ready to connect without additional machining. Modular dimension 40 mm, slot width 10 mm, cut-to-length from 110 mm to 6000 mm. ESD-suitable, profile type Standard, color natural.

## 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>0.1 kg</b>
Zolltarifnummer	<b>76169990</b>



## STANDARDS & COMPLIANCE

**ESD safe**

## DESCRIPTION

The 40x80L M12/M12 strut profile is an anodized aluminum structural section from the Bosch Rexroth Assembly Technology range, designed for machine frames, equipment structures, and workstation systems. Six open slots, a 40 mm modular pitch, and factory-prepared M12 threads in all core bores allow direct assembly with standard connectors from the same system - no secondary operations required.

- 6 open slots (slot width 10 mm) for full-perimeter connectivity
- M12 threads in all core bores; D17 bores in slots B/F and C/E; D17V bores in slots A/D - connection-ready as supplied
- ESD-suitable for use in electrostatically sensitive production environments
- Cut-to-length from 110 mm to 6000 mm - order as bar stock or finished cut
- High bending stiffness from the asymmetric L cross-section:  $I_x = 63.4 \text{ cm}^4$ ,  $W_x = 15.9 \text{ cm}^3$

## Technical data

Property	Value
Cross-section	40x80L
Dimensions [mm]	40x80
Modular dimension [mm]	40
Profile slot [mm]	10
Open slots	6
Profile type	Standard
Profile adaption	M12: all core bores; D17: slots B/F, C/E; D17V: slots A/D
Length min [mm]	110
Length max [mm]	6000
Packaging unit	1
Material	Aluminum, anodized
Color	Natural
ESD-suitable	yes
Mass [kg/m]	2.7
Profile surface A [cm <sup>2</sup> ]	9.9
Area moment of inertia $I_x$ [cm <sup>4</sup> ]	63.4
Moment of resistance $W_x$ [cm <sup>3</sup> ]	15.9
Area moment of inertia $I_y$ [cm <sup>4</sup> ]	17.3
Moment of resistance $W_y$ [cm <sup>3</sup> ]	8.7
Torsional moment of inertia $I_t$ [cm <sup>4</sup> ]	8.02
Moment of torsion resistance $W_t$ [cm <sup>3</sup> ]	4.8
Recommended accessories	Cover cap 40x80 signal gray, Cover cap 40x80 black, Cover cap with hole 40x80 signal gray, Cover cap with hole 40x80 black