

# Strebenprofil 40x80L M12/M12, 1000 mm - Bosch Rexroth 3842993132-1000

**Item no.** BRR-3842993132-1000 **Manufacturer** Bosch Rexroth

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Anodized aluminum strut profile with a 40x80L cross-section, 6 open slots, and M12 core bores in all axes for direct screw connections without additional machining. The 40 mm modular dimension ensures full compatibility with the Bosch Rexroth 40 series profile system. Supplied at 1000 mm, ESD-compatible.

## 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>0.0099 kg</b>
Zolltarifnummer	<b>76169990</b>



## STANDARDS & COMPLIANCE

**ESD safe**

## DESCRIPTION

The 40x80L strut profile serves as a load-bearing longitudinal or diagonal element in workstation systems, guarding structures, and machine frames built on the 40 mm modular grid. Its asymmetric cross-section delivers a substantially higher area moment of inertia in the x-direction compared with a square 40x40 profile, making it the right choice wherever the primary load acts perpendicular to the wide face. Six open slots accept standard T-bolts and connecting brackets; M12 core bores in all profile axes allow direct fastening without additional drilling. Material is anodized aluminum; the profile is ESD-compatible.

- High bending stiffness in x-direction:  $I_x = 63.4 \text{ cm}^4$ ,  $W_x = 15.9 \text{ cm}^3$
- 6 open slots (10 mm slot width) for connectors on all faces
- M12 core bores in all axes; D17 bores in slots B/F and C/E; D17V in slots A/D
- ESD-compatible - grounded potential possible throughout the assembly
- Length 1000 mm; cut-to-length available from 110 mm to 6000 mm
- Material: aluminum, anodized; color: natural

## Technical data

Property	Value
Cross-section	40x80L
Dimensions	40 x 80 mm
Length (this variant)	1000 mm
Length min / max	110 mm / 6000 mm
Modular dimension	40 mm
Profile slot width	10 mm
Open slots	6
Profile adaption	M12 in all core bores; D17 in slots B/F, C/E; D17V in slots A/D
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Profile surface (A)	9.9 cm <sup>2</sup>
Mass (m)	2.7 kg
Area moment of inertia $I_x$	63.4 cm <sup>4</sup>
Area moment of inertia $I_y$	17.3 cm <sup>4</sup>
Moment of resistance $W_x$	15.9 cm <sup>3</sup>
Moment of resistance $W_y$	8.7 cm <sup>3</sup>
Torsional moment of inertia $I_t$	8.02 cm <sup>4</sup>
Moment of torsion resistance $W_t$	4.8 cm <sup>3</sup>
Packaging unit	1 piece
Recommended accessories	Cover cap 40x80 signal gray, Cover cap 40x80 black, Cover cap with hole 40x80 signal gray, Cover cap with hole 40x80 black