

# Strebenprofil 40x80L, 6 Nuten, ESD, eloxiertes Aluminium - Bosch Rexroth 3842993137

**Item no.** BRR-3842993137 **Manufacturer** Bosch Rexroth

**Manufacturer no.** 3842993137

Structural strut profile with 40x80 mm cross-section (L geometry) in anodized aluminum, certified for ESD-protected environments. Six open slots (modular dimension 40 mm, slot width 10 mm) allow connections in all directions. Cut to length from 60 mm to 6000 mm; packaging unit 1 piece.

## 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 strut profile is an aluminum structural section in the Bosch Rexroth modular grid system (40 mm pitch) for assembly workstations, machine frames, guards, and conveyor structures. The L geometry with six open slots provides connection options on all main axes. The profile is ESD-rated, making it suitable for electrostatic-sensitive production areas.

- ESD-rated - certified for use in electrostatic discharge-protected environments

- 6 open slots (10 mm width) for flexible connections in X, Y and Z directions
- Anodized aluminum - corrosion-resistant, lightweight, and cleanly machinable
- Factory-prepared: M12 core bores in all webs, D17 bores in slots B/F and C/E, D17V bores in slots A/D
- Cut to length: any dimension from 60 mm to 6000 mm, supplied as individual piece

## Technical data

Property	Value
Cross-section	40x80 mm (L geometry)
Modular dimension	40 mm
Profile slot width	10 mm
Open slots	6
ESD	Yes
Material	Aluminum, anodized
Color	Natural
Profile type	Standard
Min. length (L min)	60 mm
Max. length (L max)	6000 mm
Profile surface area (A)	9.9 cm <sup>2</sup>
Mass (m)	2.7 kg/m
Area moment of inertia X (Ix)	63.4 cm <sup>4</sup>
Moment of resistance X (Wx)	15.9 cm <sup>3</sup>
Area moment of inertia Y (Iy)	17.3 cm <sup>4</sup>
Moment of resistance Y (Wy)	8.7 cm <sup>3</sup>
Torsional moment of inertia (It)	8.02 cm <sup>4</sup>
Moment of torsion resistance (Wt)	4.8 cm <sup>3</sup>
Profile adaption	M12 in all core bores; D17 in slots B/F, C/E; D17V in slots A/D
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