

# Strebenprofil 80x80L ESD-geeignet, Aluminium eloxiert, 8 Nuten, Rastermaß 40 mm - Bosch Rexroth 3842993674

**Item no.** BRR-3842993674 **Manufacturer** Bosch Rexroth

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Heavy-duty strut profile with 80x80L cross-section and 8 open slots on a 40 mm grid for flexible assembly and conveyor systems. The anodized aluminum profile is ESD-suitable and can be cut to length from 50 to 6070 mm. Recommended accessories: cover caps 80x80 in signal gray or black.

## 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>76042100</b>



## STANDARDS & COMPLIANCE

**ESD safe**

## DESCRIPTION

The Bosch Rexroth 80x80L strut profile is a standard anodized aluminum section for professional use in assembly, conveyor and workstation systems. Eight open slots (slot size 10) on a 40 mm grid give full connection flexibility on all sides. ESD suitability means it can be used directly in electronics manufacturing environments without additional measures.

- 8 open slots - unrestricted connectivity on all faces

- ESD-suitable - ready for use in electronics assembly
- Cut to order: lengths from 50 to 6070 mm
- High bending stiffness: area moment of inertia  $I_x = I_y = 132.1 \text{ cm}^4$
- Standard profile finishing options: M12 / D9.8 / D17 / DB17 / F1
- Customized finishing DI / DIS / MT / MTS / MI / MIS / DG on request

## Technical data

Property	Value
Cross-section	80x80L
Dimensions [mm]	80x80
Profile slot	10
Modular dimension [mm]	40
Open slots	8
Profile type	Standard
Color	Natural
ESD	Yes
Material	Aluminum, anodized
Length min [mm]	50
Length max [mm]	6070
Mass [kg/m]	4.9
Profile surface A [cm <sup>2</sup> ]	18.2
Area moment of inertia $I_x = I_y$ [cm <sup>4</sup> ]	132.1
Moment of resistance $W_x = W_y$ [cm <sup>3</sup> ]	33
Torsional moment of inertia $I_t$ [cm <sup>4</sup> ]	59.8
Moment of torsion resistance $W_t$ [cm <sup>3</sup> ]	17.2
Standard profile finishing	M12 / D9.8 / D17 / DB17 / F1
Customized profile finishing	DI / DIS / MT / MTS / MI / MIS / DG
Finishing notice	DGmax = 45°, Lmin1 / Lmin2 = 439/578 mm
Packaging unit	1
Recommended accessories	Cover cap 80x80 signal gray, Mounting hole plug 80x80 black