

Strut Profile 80x80L ESD-Suitable, Anodized Aluminum, 8 Slots, 40 mm Grid - Bosch Rexroth 3842993674

Item no. BRR-3842993674

Manufacturer Bosch Rexroth

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

Ausführungsklasse	TEC
Country of Manufacture	Germany
HS-Code	76042100
Note	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



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

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Property	Value
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 ²]	18.2
Area moment of inertia I _x = I _y [cm ⁴]	132.1
Moment of resistance 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
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