

Strebenprofil 80x80L, 1000 mm, ESD-geeignet, eloxiertes Aluminium - Bosch Rexroth 3842993133-1000

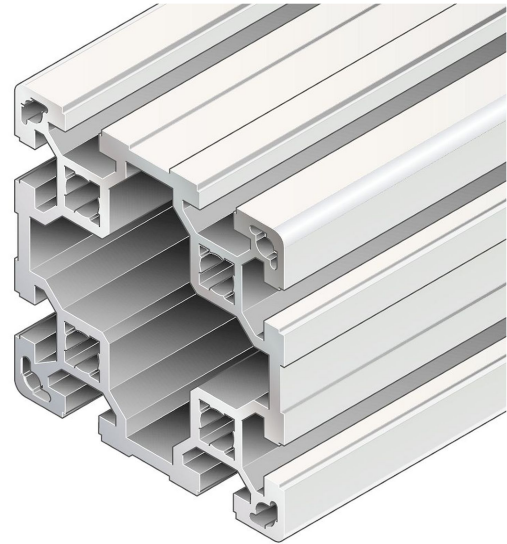
Item no. BRR-3842993133-1000

Manufacturer Bosch Rexroth

The 80x80L strut profile is a standard square-section extrusion for the Bosch Rexroth profile system, made from anodized aluminum and rated ESD-compatible. Eight open slots (slot width 10 mm) on all faces allow tool-free attachment of connectors and hardware at the 40 mm modular grid. Available cut-to-length from 50 mm to 6070 mm; this item is supplied at 1000 mm, 4.9 kg/m.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
Weight	0.0099 kg
Zolltarifnummer	76042100



31410

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 80x80L strut profile delivers a rigid, square 80 x 80 mm cross-section for workstations, machine frames, and conveyor structures built on the Bosch Rexroth 40 mm modular grid. Anodized aluminum construction gives long-term corrosion resistance, and the ESD rating makes it suitable for electronics assembly and other static-sensitive environments.

- 8 open slots (10 mm wide) on all four faces - connectors, brackets, and accessories attach at any position without drilling
- 40 mm modular pitch - fully compatible with all Bosch Rexroth 80-series profiles and accessories
- ESD-compatible for safe use in electrostatic discharge sensitive production areas
- Cut-to-length on order: 50 mm to 6070 mm; standard length 1000 mm
- Factory-machined options: M12 tapped holes in all core bores; D17 clearance holes in slots A/F and B/E; D17V in slots C/H and D/G
- Material: anodized aluminum, natural color

TECHNICAL DATA

Property	Value
Cross-section	80 x 80 mm (type 80x80L)
Profile type	Standard
Modular dimension	40 mm
Open slots	8
Slot width	10 mm
Length min / max	50 mm / 6070 mm
Supplied length (this item)	1000 mm
Mass	4.9 kg/m
Profile cross-sectional area [A]	18.2 cm ²
Area moment of inertia I _x / I _y	132.1 cm ⁴
Moment of resistance W _x / W _y	33 cm ³
Torsional moment of inertia [I _t]	59.8 cm ⁴
Torsion resistance moment [W _t]	17.2 cm ³
Profile machining	M12 in all core bores; D17 in slots A/F, B/E; D17V in slots C/H, D/G
Material	Aluminum, anodized
Color	Natural
ESD-compatible	Yes
Packaging unit	1 piece
Recommended accessories	Cover cap 80x80 signal gray, mounting hole plug 80x80 black