

Strebenprofil 40x80L 4N, ESD-geeignet, Aluminium eloxiert, 1000 mm - Bosch Rexroth 3842993729-1000

Item no. BRR-3842993729-1000 **Manufacturer** Bosch Rexroth

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Strut profile 40x80L 4N in anodized aluminum for ESD-safe structural assembly. Four open slots on a 40 mm modular grid allow connections on all sides without rework. Supplied at 1000 mm; cut-to-length from 50 to 6070 mm and custom profile finishing are available.

TECHNICAL DATA

| | |
|------------------------|--|
| Article authenticity | Original product |
| Condition of article | New |
| Country of Manufacture | Germany |
| ESD-Ausführung | TEC |
| Hinweis | 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 | 0.0099 kg |
| Zolltarifnummer | 76042100 |



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 40x80L 4N strut profile is an anodized aluminum structural section with four open slots and a 40 mm modular dimension, designed for ESD-safe machine frames, gantries, and bracing. Its combination of high bending stiffness and ESD certification makes it a reliable choice for electronics assembly environments.

- **ESD-rated:** suitable for use in areas with electrostatic discharge risk

- **Four open slots (slot width 10):** connections on all four sides without profile rotation
- **High bending stiffness:** area moment of inertia $I_x = 65.2 \text{ cm}^4$, moment of resistance $W_x = 16.3 \text{ cm}^3$
- **Flexible cut-to-length:** 50 mm to 6070 mm; standard delivery 1000 mm
- **Extensive finishing options:** standard M12 / D9.8 / D17 / DB17 / F1(A,D); custom DI / DIS / MT / MTS / MI / MIS / DG

Technical data

| Property | Value |
|---|--|
| Cross-section | 40x80L 4N |
| Dimensions [mm] | 40 x 80 |
| Modular dimension [mm] | 40 |
| Profile slot | 10 |
| Profile type | 4N |
| Open slots | 4 |
| Length (this item) [mm] | 1000 |
| Length min / max [mm] | 50 / 6070 |
| Material | Aluminum, anodized |
| Color | Natural |
| ESD | Yes |
| Mass [kg/m] | 2.8 |
| Profile surface A [cm ²] | 10.4 |
| Area moment of inertia I_x [cm ⁴] | 65.2 |
| Area moment of inertia I_y [cm ⁴] | 19.1 |
| Moment of resistance W_x [cm ³] | 16.3 |
| Moment of resistance W_y [cm ³] | 9.9 |
| Torsional moment of inertia I_t [cm ⁴] | 13.3 |
| Moment of torsion resistance W_t [cm ³] | 4.4 |
| Standard profile finishing | M12 / D9.8 / D17 / DB17 / F1(A,D) |
| Customized profile finishing | DI / DIS / MT / MTS / MI / MIS / DG |
| Finishing notice | DGmax = 45°, Lmin1 / Lmin2 = 439/578 mm, standard finishing at specified slots |
| Packaging unit | 1 |