

# Strebenprofil 80x80L, Aluminium eloxiert, ESD- geeignet, variable Länge 50-6070 mm - Bosch Rexroth 3842993133

Item no. BRR-3842993133

Manufacturer Bosch Rexroth

The 80x80L strut profile in anodized aluminum is designed for heavy-duty frames, machine enclosures, and assembly workstation systems. Eight open slots (slot width 10 mm, modular dimension 40 mm) allow connections in any direction without reconfiguration. ESD-suitable; cut to length from 50 mm to 6070 mm.

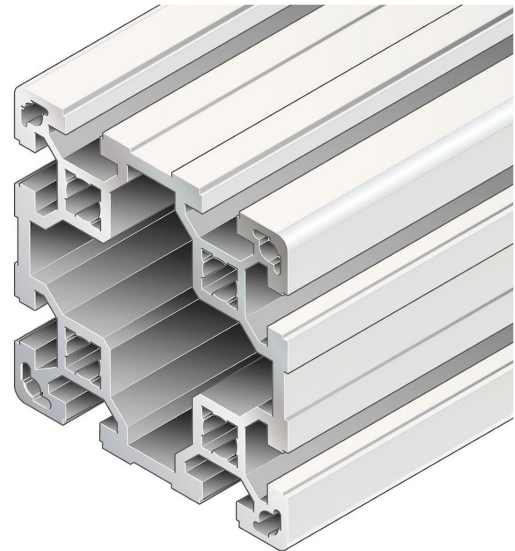
## TECHNICAL DATA

Ausführungsklasse **TEC**

Country of Manufacture **Germany**

Weight **0.1 kg**

Zolltarifnummer **76042100**



31410

## STANDARDS & COMPLIANCE

ESD safe

## DESCRIPTION

The Bosch Rexroth 80x80L strut profile is a symmetric aluminum section in the 80 mm series, suited to heavy structural frames, machine guards, and ergonomic workstation builds. Eight open slots on all faces, full ESD suitability, and variable cut-to-length delivery make it a versatile base component for demanding industrial environments.

- Eight open slots (slot width 10 mm) on all faces - full connection flexibility without repositioning
- Modular dimension 40 mm - fully compatible with the Bosch Rexroth aluminum profile system
- ESD-suitable for use in electrostatic-sensitive production and test environments
- Anodized aluminum: corrosion-resistant, hard surface, dimensionally stable over service life
- Cut to length: supplied in variable lengths from 50 mm to 6070 mm
- Factory machining options: M12 tapping in all core bores, D17 in slots A/F and B/E, D17V in slots C/H and D/G

## TECHNICAL DATA

| Attribute     | Value  |
|---------------|--------|
| Cross-section | 80x80L |

**boxic24.com**

Keldersstr. 15

42697 Solingen, Deutschland

VAT ID: DE269659389

Phone: +49 212 38340680

shop@boxic24.com

**boxic24.com**

Page 1/2

| Attribute                                                      | Value                                                       |
|----------------------------------------------------------------|-------------------------------------------------------------|
| Dimensions [mm]                                                | 80 x 80                                                     |
| Profile type                                                   | Standard                                                    |
| Open slots                                                     | 8                                                           |
| Slot width [mm]                                                | 10                                                          |
| Modular dimension [mm]                                         | 40                                                          |
| Length min [mm]                                                | 50                                                          |
| Length max [mm]                                                | 6070                                                        |
| Mass [kg/m]                                                    | 4.9                                                         |
| Profile surface area A [cm <sup>2</sup> ]                      | 18.2                                                        |
| Area moment of inertia I <sub>x</sub> [cm <sup>4</sup> ]       | 132.1                                                       |
| Area moment of inertia I <sub>y</sub> [cm <sup>4</sup> ]       | 132.1                                                       |
| Moment of resistance W <sub>x</sub> [cm <sup>3</sup> ]         | 33                                                          |
| Moment of resistance W <sub>y</sub> [cm <sup>3</sup> ]         | 33                                                          |
| Torsional moment of inertia I <sub>t</sub> [cm <sup>4</sup> ]  | 59.8                                                        |
| Moment of torsion resistance W <sub>t</sub> [cm <sup>3</sup> ] | 17.2                                                        |
| Material                                                       | Aluminum, anodized                                          |
| Color                                                          | Natural                                                     |
| ESD-suitable                                                   | Yes                                                         |
| Packaging unit                                                 | 1                                                           |
| Recommended accessories                                        | Cover cap 80x80 signal gray, Mounting hole plug 80x80 black |