

# Strebenprofil 30x30 2N, 1000 mm, Aluminium eloxiert, 2 offene Nuten - Bosch Rexroth 3842992399-1000

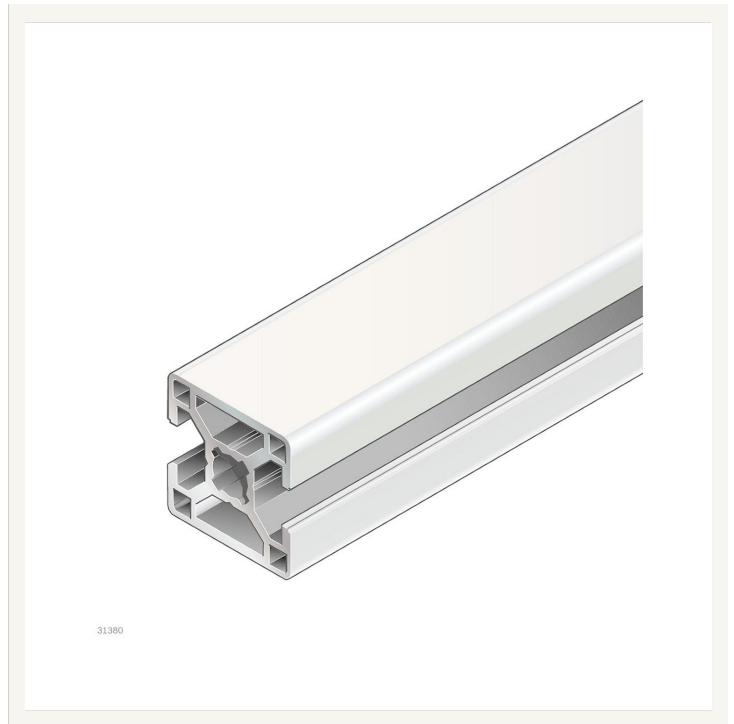
Item no. BRR-3842992399-1000

Manufacturer Bosch Rexroth

Strut profile 30x30 mm, type 2N, in anodized aluminum with two open 8 mm slots for direct connector insertion. Supplied to length (50 to 6070 mm available); this item is 1000 mm long. Designed for lightweight support frames and guarding structures within the Bosch Rexroth 30 mm modular assembly system.

## TECHNICAL DATA

|                        |                                                                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ausführungsklasse      | TEC                                                                                                                                                     |
| Country of Manufacture | Germany                                                                                                                                                 |
| 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                                                                                                                                                |



## DESCRIPTION

The 30x30 2N strut profile is an anodized aluminum section with a 30 mm modular dimension and two opposing open slots (8 mm width). It is the go-to choice for slender support struts, protective enclosures, and frame assemblies in the Bosch Rexroth aluminum structural system.

- Two open slots (8 mm) allow nut and connector insertion at any point along the profile without disassembly.
- Cross-sectional area of 3.5 cm<sup>2</sup> within a compact 30x30 mm envelope - low weight with adequate bending stiffness for light-duty structures.
- Available cut-to-length from 50 to 6070 mm; this item: 1000 mm.
- Anodized surface (natural color) - corrosion-resistant and easy to clean.
- Fully compatible with Bosch Rexroth fastening and connection elements in the 30 mm grid.

## TECHNICAL DATA

| Property          | Value    |
|-------------------|----------|
| Cross-section     | 30x30 mm |
| Profile type      | 2N       |
| Open slots        | 2        |
| Slot width        | 8 mm     |
| Modular dimension | 30 mm    |

| Property                                       | Value               |
|------------------------------------------------|---------------------|
| Length (this item)                             | 1000 mm             |
| Length min / max                               | 50 mm / 6070 mm     |
| Material                                       | Aluminum, anodized  |
| Color                                          | Natural             |
| Profile surface [A]                            | 3.5 cm <sup>2</sup> |
| Mass [m]                                       | 1 kg/m              |
| Area moment of inertia I <sub>x</sub>          | 2.8 cm <sup>4</sup> |
| Area moment of inertia I <sub>y</sub>          | 3.5 cm <sup>4</sup> |
| Moment of resistance W <sub>x</sub>            | 2.1 cm <sup>3</sup> |
| Moment of resistance W <sub>y</sub>            | 2.7 cm <sup>3</sup> |
| Torsional moment of inertia [I <sub>t</sub> ]  | 1.5 cm <sup>4</sup> |
| Moment of torsion resistance [W <sub>t</sub> ] | 1.2 cm <sup>3</sup> |
| Packaging unit                                 | 1 piece             |