

# Strebenprofil 30x30 1N, 6070 mm, Aluminium eloxiert - Bosch Rexroth 3842557218

Item no. BRR-3842557218

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with a 30x30 mm cross-section, type 1N, and a length of 6070 mm for building assembly systems, fixtures, and industrial frame structures. The 8 mm profile slot accepts the full range of Bosch Rexroth connectors and fasteners without modification. Supplied as a single rod in standard length, ready to install.

## TECHNICAL DATA

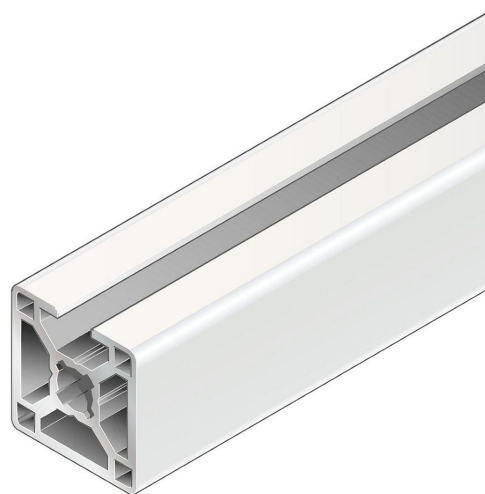
Country of Manufacture **Germany**

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.**

Length **6070 mm**

Weight **6.2 kg**

Zolltarifnummer **76042100**



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## DESCRIPTION

The Bosch Rexroth strut profile 30x30 1N is an anodized aluminum structural member, 6070 mm long, designed for assembly lines, workstation frames, and industrial fixtures built on the 30 mm modular grid. Profile type 1N - with a single open slot - suits in-line arrangements where access is required on one face only.

- Anodized aluminum construction - corrosion-resistant, no additional surface treatment needed
- 8 mm profile slot - direct compatibility with all Bosch Rexroth connecting elements and fasteners in the 30 mm range
- 30 mm modular dimension - integrates without adaptation into the Bosch Rexroth Assembly Technology system
- Profile surface area 3.7 cm<sup>2</sup> - adequate stiffness for light to medium-duty load-bearing structures
- Single rod in standard length - no cutting required before installation

## TECHNICAL DATA

| Property      | Value    |
|---------------|----------|
| Cross-section | 30x30 mm |
| Profile type  | 1N       |
| Length (L)    | 6070 mm  |
| Profile slot  | 8 mm     |

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| Property                                       | Value                                                                                                                      |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Modular dimension                              | 30 mm                                                                                                                      |
| Open slots                                     | 1                                                                                                                          |
| Profile surface (A)                            | 3.7 cm <sup>2</sup>                                                                                                        |
| Area moment of inertia X (I <sub>x</sub> )     | 3.1 cm <sup>4</sup>                                                                                                        |
| Area moment of inertia Y (I <sub>y</sub> )     | 3.5 cm <sup>4</sup>                                                                                                        |
| Moment of resistance X (W <sub>x</sub> )       | 2.0 cm <sup>3</sup>                                                                                                        |
| Moment of resistance Y (W <sub>y</sub> )       | 2.3 cm <sup>3</sup>                                                                                                        |
| Torsional moment of inertia (I <sub>t</sub> )  | 2.8 cm <sup>4</sup>                                                                                                        |
| Moment of torsion resistance (W <sub>t</sub> ) | 1.5 cm <sup>3</sup>                                                                                                        |
| Material                                       | Aluminum, anodized                                                                                                         |
| Color                                          | Natural                                                                                                                    |
| Mass (m)                                       | 1 kg/m                                                                                                                     |
| Weight (rod)                                   | 6.2 kg                                                                                                                     |
| Condition on delivery                          | Single rod in standard length                                                                                              |
| Packaging unit                                 | 1                                                                                                                          |
| Recommended accessories                        | Cover cap 30x30 signal gray, Cover cap 30x30 black, Cover cap with hole 30x30 signal gray, Cover cap with hole 30x30 black |