

# Strebenprofil 30x30 2N, Nut 8, Aluminium eloxiert, L 50-6070 mm - Bosch Rexroth 3842993705

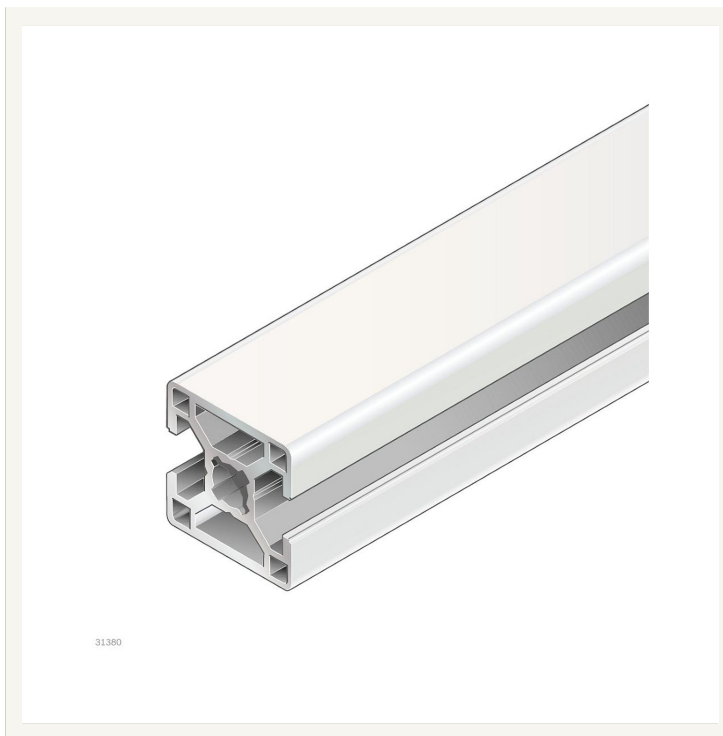
Item no. BRR-3842993705

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with a 30x30 mm cross-section and two open slot-8 channels. Designed for modular assembly and support structures on the 30 mm grid. Cut-to-length from 50 to 6070 mm, mass 1 kg/m.

## 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                 | 0.1 kg                                                                                                                                                  |
| Zolltarifnummer        | 76042100                                                                                                                                                |



## DESCRIPTION

The 30x30 2N strut profile in anodized aluminum is a core element of the Bosch Rexroth assembly system based on a 30 mm modular grid. Two open slot-8 channels on opposite faces allow connectors, brackets, and accessories to be mounted with minimal tooling - making it well suited for machine frames, guards, and conveyor structures.

- Two open slot-8 channels on opposing sides - attach accessories without reorienting the profile
- Cut-to-length from 50 to 6070 mm - covers small sub-assemblies and large frame structures alike
- Profile surface 3.5 cm<sup>2</sup>, mass 1 kg/m - rigid yet lightweight
- Standard finishings M8 / D7.8 / D11 / DB11; custom finishings DI / DIS / MT / MTS / MI / MIS / DG available on request
- Recommended accessories: cover caps 30x30 in black and signal gray, with and without hole

## TECHNICAL DATA

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

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| Property                                    | Value                                 |
|---------------------------------------------|---------------------------------------|
| Length min                                  | 50 mm                                 |
| Length max                                  | 6070 mm                               |
| Mass                                        | 1 kg/m                                |
| Profile surface [A]                         | 3.5 cm <sup>2</sup>                   |
| 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>                   |
| Standard finishing                          | M8 / D7.8 / D11 / DB11                |
| Customized finishing                        | DI / DIS / MT / MTS / MI / MIS / DG   |
| Miter cut note                              | DGmax = 45°, Lmin1/Lmin2 = 352/404 mm |
| Color                                       | Natural                               |
| Material                                    | Aluminum, anodized                    |
| Packaging unit                              | 1 piece                               |