

# Strebenprofil 30x30 3N, Aluminium eloxiert, Länge 1000 mm - Bosch Rexroth 3842992400-1000

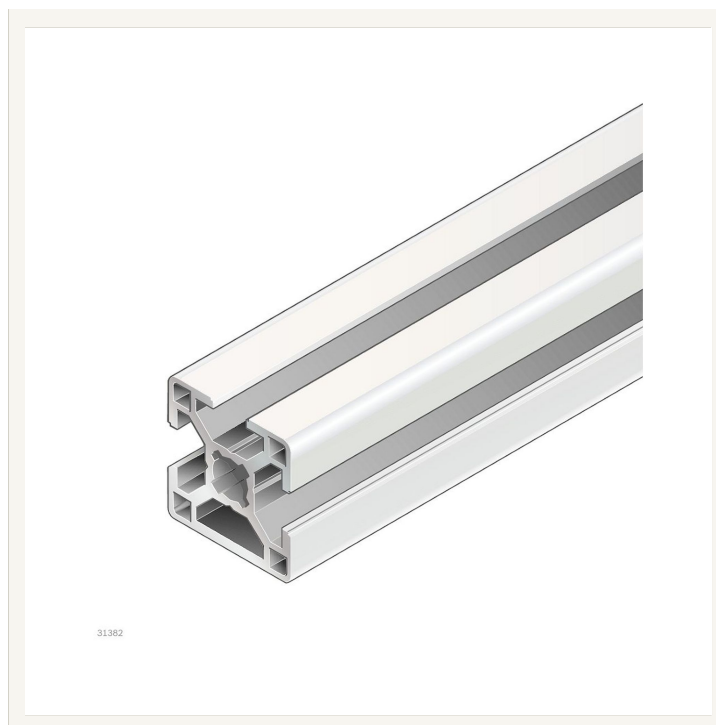
Item no. BRR-3842992400-1000

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with a 30x30 mm cross-section and three open slots (8 mm slot width) for flexible assembly within the modular dimension 30 system. Supplied at 1000 mm; custom cut lengths from 50 mm to 6070 mm available on request. A core structural element for workstation, conveyor, and guarding systems built on the Bosch Rexroth modular assembly platform.

## 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 strut profile 30x30 3N is an anodized aluminum profile in modular dimension 30, used as a load-bearing base element for modular assembly, conveyor, and machine guarding structures. Three open slots (8 mm width) allow connectors, brackets, and accessories to be positioned anywhere along the profile without pre-drilling.

- Three open 8 mm slots on three faces for maximum connection flexibility at any position
- Anodized aluminum surface: corrosion-resistant, lightweight, and wear-resistant
- Cut-to-length from 50 mm to 6070 mm (standard delivery length: 1000 mm)
- Profile surface area 3.3 cm<sup>2</sup>, mass 0.9 kg/m - light enough for manual assembly, rigid enough for load-bearing structures
- Direct compatibility with the full Bosch Rexroth modular dimension 30 assembly system

## TECHNICAL DATA

| Property           | Value             |
|--------------------|-------------------|
| Cross-section      | 30x30 mm, type 3N |
| Modular dimension  | 30 mm             |
| Profile slot width | 8 mm              |
| Open slots         | 3                 |
| Delivery length    | 1000 mm           |

boxic24.com

Keldersstr. 15

42697 Solingen, Deutschland

VAT ID: DE269659389

Phone: +49 212 38340680

shop@boxic24.com

boxic24.com

Page 1/2

| Property                                       | Value                |
|------------------------------------------------|----------------------|
| Length min / max                               | 50 mm / 6070 mm      |
| Material                                       | Aluminum, anodized   |
| Color                                          | Natural              |
| Profile surface [A]                            | 3.3 cm <sup>2</sup>  |
| Mass [m]                                       | 0.9 kg/m             |
| Area moment of inertia I <sub>x</sub>          | 3.1 cm <sup>4</sup>  |
| Area moment of inertia I <sub>y</sub>          | 2.8 cm <sup>4</sup>  |
| Moment of resistance W <sub>x</sub>            | 2.3 cm <sup>3</sup>  |
| Moment of resistance W <sub>y</sub>            | 2.1 cm <sup>3</sup>  |
| Torsional moment of inertia [I <sub>t</sub> ]  | 0.86 cm <sup>4</sup> |
| Moment of torsion resistance [W <sub>t</sub> ] | 0.73 cm <sup>3</sup> |
| Packaging unit                                 | 1 piece              |