

# **Strebenprofil 45x60 D17V/D17, Aluminium eloxiert, Nut 10, 4 offene Nuten - Bosch Rexroth 3842990674**

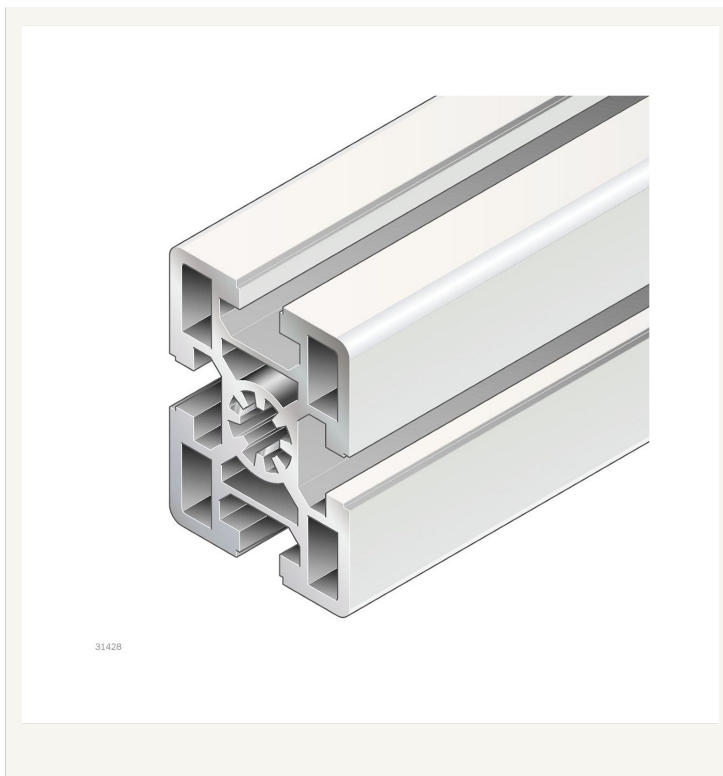
Item no. BRR-3842990674

Manufacturer Bosch Rexroth

Strut profile 45x60 D17V/D17 in anodized aluminum for the Rexroth modular profile system. Cross-section 45x60 mm, 45 mm modular dimension, slot size 10, 4 open slots - supplied cut to length from 80 mm to 6000 mm. Suited for assembly lines, machine frames, and protective enclosures.

## **TECHNICAL DATA**

|                        |                                                                                                                                                                |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ausführungsklasse      | <b>TEC</b>                                                                                                                                                     |
| Country of Manufacture | <b>Germany</b>                                                                                                                                                 |
| Hinweis                | <b>Gemäß der aktuellen Preisstruktur werden für Bestellungen von Profilen mit einer Länge von 1500 mm zusätzliche Kosten in Höhe von 80,00 Euro berechnet.</b> |
| Weight                 | <b>0.1 kg</b>                                                                                                                                                  |
| Zolltarifnummer        | <b>76169990</b>                                                                                                                                                |



## **DESCRIPTION**

The Strut Profile 45x60 D17V/D17 from Bosch Rexroth is part of the established aluminum profile system for mechanical engineering and industrial automation. Anodized aluminum provides lasting corrosion resistance at a low mass of 3 kg per metre, while the open-slot geometry allows components to be attached at any position without drilling.

- 45x60 mm cross-section with 45 mm modular dimension for system-compatible connections
- 4 open slots (slot size 10) for tool-free repositioning of attachments along the full length
- Profile adaptations D17 in slots B/D, D17V in slots A/C, plus D9.8, LF, and F1 variants for precise connection technology
- Area moment of inertia  $I_x = 37.2 \text{ cm}^4$  and  $I_y = 22.7 \text{ cm}^4$  for high bending stiffness
- Torsional moment of inertia  $I_t = 6.7 \text{ cm}^4$ , torsional moment of resistance  $W_t = 4.09 \text{ cm}^3$
- Cut-to-length service: min. 80 mm, max. 6000 mm, packaging unit 1 piece

## **TECHNICAL DATA**

| Property          | Value    |
|-------------------|----------|
| Cross-section     | 45x60 mm |
| Modular dimension | 45 mm    |
| Profile slot      | 10       |

| Property                                      | Value                                                                                                     |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Open slots                                    | 4                                                                                                         |
| Profile type                                  | Standard                                                                                                  |
| Material                                      | Aluminum, anodized                                                                                        |
| Color                                         | Natural                                                                                                   |
| Length min (L min)                            | 80 mm                                                                                                     |
| Length max (L max)                            | 6000 mm                                                                                                   |
| Profile surface (A)                           | 11 cm <sup>2</sup>                                                                                        |
| Mass (m)                                      | 3 kg/m                                                                                                    |
| Area moment of inertia I <sub>x</sub>         | 37.2 cm <sup>4</sup>                                                                                      |
| Moment of resistance W <sub>x</sub>           | 12.4 cm <sup>3</sup>                                                                                      |
| Area moment of inertia I <sub>y</sub>         | 22.7 cm <sup>4</sup>                                                                                      |
| Moment of resistance W <sub>y</sub>           | 10.1 cm <sup>3</sup>                                                                                      |
| Torsional moment of inertia I <sub>t</sub>    | 6.7 cm <sup>4</sup>                                                                                       |
| Torsional moment of resistance W <sub>t</sub> | 4.09 cm <sup>3</sup>                                                                                      |
| Profile adaptation                            | D9.8 in slots B/D; D17 in slots B/D; D9.8V in slots A/C; D17V in slots A/C; LF in slots A/C; F1 in slot A |
| Packaging unit                                | 1 piece                                                                                                   |