

# Strebenprofil 45x90L D17/D17 - Aluprofil 45x90, 6 Nuten, eloxiert - Bosch Rexroth 3842992437

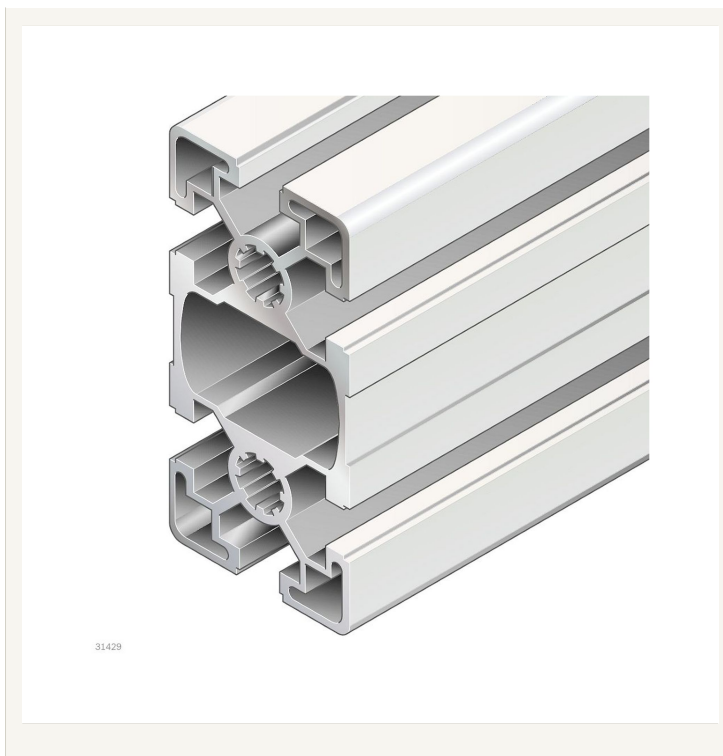
Item no. BRR-3842992437

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with a 45x90 mm cross-section, 6 open slots (slot size 10) and a 45 mm modular dimension for machine frame and workstation assembly. Factory profile adaptations include M12 tapping in all core bores plus D17 and D17V drilling in designated slots. Available cut-to-length from 80 mm to 6000 mm.

## 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        | 76169990                                                                                                                                                |



## DESCRIPTION

The Strut Profile 45x90L D17/D17 is an anodized aluminum structural profile with an asymmetric 45x90 mm cross-section and 6 open slots (slot size 10). It is designed for building machine frames, guarding structures and assembly workstations within the modular Bosch Rexroth profile system.

- 6 open slots (size 10) provide flexible connection points for fasteners and attachments on all faces
- Factory profile adaptations: M12 tapping in all core bores, D17 drilling in slots B/F and C/E, D17V drilling in slots A/D, slot milling (LF) in slots A/D
- High bending stiffness: area moment of inertia  $I_x = 82 \text{ cm}^4$  (x-direction),  $I_y = 23.6 \text{ cm}^4$  (y-direction)
- Anodized aluminum finish - corrosion-resistant, natural color, ready for integration without additional surface treatment
- Cut-to-length from 80 mm to 6000 mm, packaging unit 1 piece

## TECHNICAL DATA

| Specification     | Value    |
|-------------------|----------|
| Cross-section     | 45x90 mm |
| Profile type      | Standard |
| Modular dimension | 45 mm    |

| Specification                               | Value                                                                          |
|---------------------------------------------|--------------------------------------------------------------------------------|
| Open slots                                  | 6                                                                              |
| Slot size                                   | 10                                                                             |
| Length min.                                 | 80 mm                                                                          |
| Length max.                                 | 6000 mm                                                                        |
| Profile surface (A)                         | 11.3 cm <sup>2</sup>                                                           |
| Area moment of inertia I <sub>x</sub>       | 82 cm <sup>4</sup>                                                             |
| Area moment of inertia I <sub>y</sub>       | 23.6 cm <sup>4</sup>                                                           |
| Moment of resistance W <sub>x</sub>         | 18.2 cm <sup>3</sup>                                                           |
| Moment of resistance W <sub>y</sub>         | 10.5 cm <sup>3</sup>                                                           |
| Torsional moment of inertia I <sub>t</sub>  | 15.1 cm <sup>4</sup>                                                           |
| Moment of torsion resistance W <sub>t</sub> | 4.4 cm <sup>3</sup>                                                            |
| Mass                                        | 3 kg/m                                                                         |
| Material                                    | Aluminum, anodized                                                             |
| Color                                       | Natural                                                                        |
| Packaging unit                              | 1 piece                                                                        |
| Profile adaptations                         | M12: all core bores - D17: slots B/F, C/E - D17V: slots A/D - LF: slots A/D    |
| Recommended accessories                     | Cover cap 45x90 black/signal gray, Cover cap with hole 45x90 black/signal gray |