

# Strebenprofil 30x45° aus eloxiertem Aluminium, Rastermaß 30 mm - Bosch Rexroth 3842993011

Item no. BRR-3842993011

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with a 45-degree cross-section (30x45°) and 2 open slots (size 8) for diagonal bracing within the 30 mm modular profile system. Supplied cut to length between 50 mm and 6070 mm. Natural anodized finish provides corrosion resistance without additional surface treatment.

## 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 Bosch Rexroth strut profile 30x45° provides diagonal bracing within the 30 mm modular aluminum profile system. Its 45-degree cross-section integrates directly with standard size-30 components - no special adapters required - making it the efficient choice for reinforcing frames, workstation structures, and machine guards at any required angle.

- Diagonal integration without special parts: 45-degree geometry fits the 30 mm grid directly
- 2 open profile slots (slot size 8) accept T-nuts, brackets, and full system accessories
- Anodized aluminum - corrosion-resistant, lightweight, ready to install without further treatment
- Cut-to-length supply: any length from 50 mm to 6070 mm, packaging unit 1 piece
- Mass 1.1 kg/m - lightweight for manual handling and mobile structures

## TECHNICAL DATA

| Property          | Value      |
|-------------------|------------|
| Cross-section     | 30x45°     |
| Dimensions        | 30x30 mm   |
| Profile type      | 45 degrees |
| Modular dimension | 30 mm      |
| Profile slot      | Size 8     |

| Property                                       | Value                                                  |
|------------------------------------------------|--------------------------------------------------------|
| Open slots                                     | 2                                                      |
| Length min (L min)                             | 50 mm                                                  |
| Length max (L max)                             | 6070 mm                                                |
| Condition on delivery                          | Variable length (cut to size)                          |
| Material                                       | Aluminum, anodized                                     |
| Color                                          | Natural                                                |
| Mass (m)                                       | 1.1 kg/m                                               |
| Profile surface (A)                            | 4 cm <sup>2</sup>                                      |
| Area moment of inertia I <sub>x</sub>          | 3.6 cm <sup>4</sup>                                    |
| Area moment of inertia I <sub>y</sub>          | 5.1 cm <sup>4</sup>                                    |
| Moment of resistance W <sub>x</sub>            | 2.1 cm <sup>3</sup>                                    |
| Moment of resistance W <sub>y</sub>            | 2.3 cm <sup>3</sup>                                    |
| Torsional moment of inertia (I <sub>t</sub> )  | 2.1 cm <sup>4</sup>                                    |
| Moment of torsion resistance (W <sub>t</sub> ) | 2.4 cm <sup>3</sup>                                    |
| Packaging unit                                 | 1 piece                                                |
| Recommended accessories                        | Cover cap 30x45°, black; Cover cap 30x45°, signal gray |