

## Strebenprofil 30x60G, Aluminium eloxiert, Länge 50-6070 mm - Bosch Rexroth 3842993012-1000

Item no. BRR-3842993012-1000

Manufacturer Bosch Rexroth

Extruded anodized aluminum strut profile with a 30x60-degree cross-section, cuttable to any length from 50 to 6070 mm. Slot size 8, two open slots, 30 mm modular dimension - fully compatible with the Bosch Rexroth size-30 profile system. Supplied in a 1000 mm length.

### 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                                                                                                                                                |



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### DESCRIPTION

The Strut Profile 30x60G is an anodized aluminum structural profile with a 60-degree cross-section, designed for diagonal bracing, triangular frames, and support structures within the Bosch Rexroth modular assembly system.

- Variable cut length from 50 to 6070 mm - order the exact length needed, no secondary machining required
- Two open profile slots (slot size 8) accept standard connectors and fasteners without pre-drilling
- Anodized aluminum surface provides corrosion resistance with low weight and a clean natural finish
- 60-degree profile type enables diagonal struts and triangular connections in rigid frame assemblies
- Profile surface area 3.6 cm<sup>2</sup> at 1 kg/m - good stiffness-to-weight ratio for structural applications

### TECHNICAL DATA

| Parameter         | Value      |
|-------------------|------------|
| Cross-section     | 30x60°     |
| Profile type      | 60 degrees |
| Dimensions        | 30x30 mm   |
| Modular dimension | 30 mm      |

| Parameter                                      | Value                                                  |
|------------------------------------------------|--------------------------------------------------------|
| Profile slot                                   | 8                                                      |
| Open slots                                     | 2                                                      |
| Min. length (L min)                            | 50 mm                                                  |
| Max. length (L max)                            | 6070 mm                                                |
| Supplied length (this order)                   | 1000 mm                                                |
| Material                                       | Aluminum, anodized                                     |
| Color                                          | Natural                                                |
| Profile surface (A)                            | 3.6 cm <sup>2</sup>                                    |
| Mass (m)                                       | 1 kg/m                                                 |
| Area moment of inertia X (I <sub>x</sub> )     | 3 cm <sup>4</sup>                                      |
| Area moment of inertia Y (I <sub>y</sub> )     | 4.1 cm <sup>4</sup>                                    |
| Moment of resistance X (W <sub>x</sub> )       | 1.7 cm <sup>3</sup>                                    |
| Moment of resistance Y (W <sub>y</sub> )       | 1.9 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> ) | 2 cm <sup>3</sup>                                      |
| Packaging unit                                 | 1                                                      |
| Recommended accessories                        | Cover cap 30x60°, black; Cover cap 30x60°, signal gray |