

# Strebenprofil 22,5x45, Aluminium eloxiert, variable Länge 50-6070 mm - Bosch Rexroth 3842990292

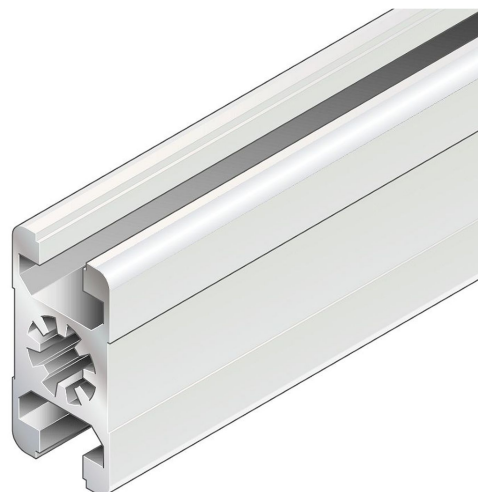
Item no. BRR-3842990292

Manufacturer Bosch Rexroth

Extruded anodized aluminum strut profile with a 22.5x45 mm cross-section and two open slots (slot width 10 mm, modular dimension 45 mm) for building lightweight frames, supports, and assembly structures. Supplied cut to length from 50 mm up to 6070 mm, eliminating material waste. The natural anodized finish provides lasting corrosion resistance with minimal maintenance.

## 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                                                                                                                                                |



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## DESCRIPTION

The 22.5x45 strut profile in anodized aluminum is supplied cut to variable length and is designed for engineers building compact, dimensionally stable frames and brackets within the 45 mm modular grid system. With two open opposing slots (10 mm width), it connects directly to the full range of Bosch Rexroth Assembly Technology accessories without drilling or welding.

- Cut to length from 50 mm to 6070 mm - exact dimensions, no secondary machining required
- Mass of 1.3 kg/m at a profile cross-section of 4.7 cm<sup>2</sup>, giving an efficient stiffness-to-weight ratio
- Two open slots for direct connector technology - no drilling, no welding
- Anodized aluminum surface (natural): corrosion-resistant, durable, low-friction
- Compatible with cover caps 22.5x45 in signal gray and black for clean profile ends

## TECHNICAL DATA

| Property           | Value      |
|--------------------|------------|
| Cross-section      | 22.5x45 mm |
| Profile type       | Standard   |
| Modular dimension  | 45 mm      |
| Profile slot width | 10 mm      |
| Open slots         | 2          |

| Property                                   | Value                                              |
|--------------------------------------------|----------------------------------------------------|
| Length min. (L min)                        | 50 mm                                              |
| Length max. (L max)                        | 6070 mm                                            |
| Condition on delivery                      | Variable length                                    |
| Material                                   | Aluminum, anodized                                 |
| Color                                      | Natural                                            |
| Profile surface (A)                        | 4.7 cm <sup>2</sup>                                |
| Mass (m)                                   | 1.3 kg/m                                           |
| Area moment of inertia X (I <sub>x</sub> ) | 7.1 cm <sup>4</sup>                                |
| Moment of resistance X (W <sub>x</sub> )   | 3.2 cm <sup>3</sup>                                |
| Area moment of inertia Y (I <sub>y</sub> ) | 2.9 cm <sup>4</sup>                                |
| Moment of resistance Y (W <sub>y</sub> )   | 2.6 cm <sup>3</sup>                                |
| Packaging unit                             | 1                                                  |
| Recommended accessories                    | Cover cap 22.5x45, signal gray; Cap 22.5x45, black |