

# Strebenprofil 45x135L, 8 Nuten, L=6070 mm - Bosch Rexroth 3842564122

Item no. BRR-3842564122

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with a 45x135L cross-section, 8 open slots, and a length of 6070 mm for building rigid assembly frames and machine structures. The 45 mm modular dimension ensures full compatibility with the Bosch Rexroth profile system. Supplied as a packaging unit of 8 profiles in standard length; individual mass 4.6 kg.

## TECHNICAL DATA

Country of Manufacture **Sweden**

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.**

Lenght **6070 mm**

Weight **233.5 kg**

Zolltarifnummer **76042100**



## STANDARDS & COMPLIANCE

ESD safe

## DESCRIPTION

The 45x135L strut profile is an asymmetric aluminum section designed for stiff, load-bearing frame structures in assembly and conveyor technology. Eight open slots (profile slot 10) provide flexible connection points for connectors, fasteners, and add-on components throughout the Rexroth profile system - no drilling or welding required.

- High moment of resistance in the y-direction ( $W_y = 39.6 \text{ cm}^3$ ) handles demanding bending loads along the primary axis
- 8 open slots allow connections and attachments on all faces without machining
- Anodized aluminum surface - corrosion-resistant and durable in industrial environments
- 45 mm modular dimension gives full compatibility with all Bosch Rexroth profile system components
- Packaging unit of 8 in standard length supports economical procurement for larger build projects

## TECHNICAL DATA

| Property      | Value   |
|---------------|---------|
| Cross-section | 45x135L |

| Property                                     | Value                                                                                                          |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Dimensions                                   | 45x135 mm                                                                                                      |
| Length [L]                                   | 6070 mm                                                                                                        |
| Modular dimension                            | 45 mm                                                                                                          |
| Open slots                                   | 8                                                                                                              |
| Profile slot                                 | 10                                                                                                             |
| Profile type                                 | Standard                                                                                                       |
| Material                                     | Aluminum, anodized                                                                                             |
| Color                                        | Natural                                                                                                        |
| Mass [m]                                     | 4.6 kg                                                                                                         |
| Profile surface [A]                          | 16.8 cm <sup>2</sup>                                                                                           |
| Area moment of inertia in x-direction [Ix]   | 36.2 cm <sup>4</sup>                                                                                           |
| Area moment of inertia in y-direction [Iy]   | 267.4 cm <sup>4</sup>                                                                                          |
| Moment of resistance in the x-direction [Wx] | 16.1 cm <sup>3</sup>                                                                                           |
| Moment of resistance in the y-direction [Wy] | 39.6 cm <sup>3</sup>                                                                                           |
| Torsional moment of inertia [It]             | 29.5 cm <sup>4</sup>                                                                                           |
| Moment of torsion resistance [Wt]            | 8.2 cm <sup>3</sup>                                                                                            |
| Delivery unit                                | 8 pieces                                                                                                       |
| Condition on delivery                        | Packaging unit in standard length                                                                              |
| Weight (packaging unit)                      | 233.5 kg                                                                                                       |
| Recommended accessories                      | Cover cap 45x45 signal gray, Cover cap 45x90 signal gray, Cover cap 45x45 black ESD, Cover cap 45x90 black ESD |