

# Strebenprofil 50x150L M12/M12, 1000 mm - Bosch Rexroth 3842993199-1000

**Item no.** BRR-3842993199-1000 **Manufacturer** Bosch Rexroth  
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Anodized aluminum strut profile with 50x150L cross-section and 8 open slots on a 50 mm modular grid, available in lengths from 110 to 6000 mm. An area moment of inertia of 540 cm<sup>4</sup> (x-direction) delivers the bending stiffness needed for load-bearing frames and assembly systems. Packaging unit: 1 piece, length 1000 mm.

## TECHNICAL DATA

Article authenticity	<b>Original product</b>
Condition of article	<b>New</b>
Country of Manufacture	<b>Germany</b>
ESD-Ausführung	<b>TEC</b>
Hinweis	<b>Gemäß der aktuellen Preisstruktur werden für Bestellungen von Profilen mit einer Länge von 1500 mm zusätzliche Kosten in Höhe von 80,00 Euro berechnet.</b>
Weight	<b>0.0099 kg</b>
Zolltarifnummer	<b>76169990</b>



## STANDARDS & COMPLIANCE

**ESD safe**

## DESCRIPTION

The Strut Profile 50x150L M12/M12 is an anodized aluminum structural profile for demanding frame structures, columns, and cross-members in assembly technology. Eight open slots, a 50 mm modular dimension, and M12 connection geometry allow straightforward integration into the Bosch Rexroth profile system.

- High bending stiffness: area moment of inertia  $I_x = 540 \text{ cm}^4$  - suitable for loaded structural applications

- 8 open slots for versatile connectors and attachments without retooling
- Anodized surface - corrosion-resistant, dimensionally stable, natural color finish
- Flexible length selection: 110 mm to 6000 mm, packaging unit 1 piece
- M12/M12 machining ex-works - direct assembly without additional drilling operations

## Technical data

Property	Value
Cross-section	50x150L
Dimensions	50x150 mm
Profile type	Standard
Profile slot	10
Modular dimension	50 mm
Open slots	8
Length min (L min)	110 mm
Length max (L max)	6000 mm
Profile surface (A)	25.8 cm <sup>2</sup>
Mass (m)	6.9 kg
Area moment of inertia x-direction (Ix)	540 cm <sup>4</sup>
Moment of resistance x-direction (Wx)	72 cm <sup>3</sup>
Area moment of inertia y-direction (Iy)	64.2 cm <sup>4</sup>
Moment of resistance y-direction (Wy)	25.7 cm <sup>3</sup>
Torsional moment of inertia (It)	52.1 cm <sup>4</sup>
Moment of torsion resistance (Wt)	20.5 cm <sup>3</sup>
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece
Recommended accessories	Mounting hole plug 50x150 black, Cover cap 50x150 signal gray