

# Strebenprofil 40x80x80L, eloxiertes Aluminium, ESD-geeignet, 8 Nuten - Bosch Rexroth 3842993193

**Item no.** BRR-3842993193 **Manufacturer** Bosch Rexroth

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Angled aluminum strut profile with 40x80x80L cross-section, supplied cut-to-length from 50 to 6070 mm. Eight open slots (slot width 10 mm, modular dimension 40 mm) allow flexible connection of fasteners and accessories on all sides. The anodized finish makes the profile suitable for ESD-protected assembly and workstation systems.

## TECHNICAL DATA



Article authenticity **Original product**

Condition of article **New**

Country of Manufacture **Germany**

ESD-Ausführung **TEC**

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**

## STANDARDS & COMPLIANCE

**ESD safe**

## DESCRIPTION

The Bosch Rexroth strut profile 40x80x80L is an angled aluminum profile from the modular dimension 40 system. Supplied cut to the specified length (50 to 6070 mm), it combines strong cross-sectional stiffness with ESD suitability for electrostatically sensitive production environments.

- Eight open slots (slot width 10 mm) provide full connectivity for connectors, brackets, and

functional elements on every face.

- Area moment of inertia  $I_x = I_y = 96.6 \text{ cm}^4$  and moment of resistance  $W_x = W_y = 24.2 \text{ cm}^3$  deliver high bending stiffness in both principal directions.
- Profile surface area  $15.4 \text{ cm}^2$ , mass  $4.2 \text{ kg/m}$  - a lightweight structure with good load-bearing capacity.
- Anodized natural finish provides lasting corrosion and wear resistance.
- ESD-suitable per Bosch Rexroth specification - safe for use in ESD-protected zones.

## Technical data

Property	Value
Cross-section	40x80x80L
Dimensions	40x80x80 mm
Profile type	Angled
Modular dimension	40 mm
Profile slot width	10 mm
Open slots	8
Length min.	50 mm
Length max.	6070 mm
Condition on delivery	Variable length (cut to order)
Material	Aluminum, anodized
Color	Natural
ESD-suitable	Yes
Profile surface [A]	$15.4 \text{ cm}^2$
Mass [m]	$4.2 \text{ kg/m}$
Area moment of inertia $I_x$	$96.6 \text{ cm}^4$
Area moment of inertia $I_y$	$96.6 \text{ cm}^4$
Moment of resistance $W_x$	$24.2 \text{ cm}^3$
Moment of resistance $W_y$	$24.2 \text{ cm}^3$
Torsional moment of inertia [It]	$19.6 \text{ cm}^4$
Moment of torsion resistance [Wt]	$9.8 \text{ cm}^3$
Packaging unit	1
Recommended accessories	Cover cap 40x80x80 signal gray, Cover cap 40x80x80 black