

# U-Profil 40x45 ESD, Aluminium, variable Länge 30-6070 mm - Bosch Rexroth 3842995027-1000

**Item no.** BRR-3842995027-1000 **Manufacturer** Bosch Rexroth

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ESD-conductive aluminium U-profile 40x45 mm for lean conveyor tracks and manual assembly systems. Supplied in variable lengths from 30 to 6070 mm, cut to the required dimension. Untreated aluminium with profile slot 10 - fully compatible with Bosch Rexroth Lean Production components.

## TECHNICAL DATA

Article authenticity	<b>Original product</b>
Condition of article	<b>New</b>
Country of Manufacture	<b>Germany</b>
ESD-Ausführung	<b>ESD (antistatic)</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>76042100</b>



## STANDARDS & COMPLIANCE

**ESD safe**

## DESCRIPTION

The U-Profile 40x45 ESD is an untreated aluminium profile for building ESD-safe lean conveyor tracks and manual production systems. It is supplied in variable lengths and can be cut to any required dimension between 30 mm and 6070 mm. The ESD version dissipates electrostatic charges, protecting sensitive assemblies throughout electronics manufacturing and handling.

- ESD-conductive: protects electrostatically sensitive components during assembly and transport

- Variable length: cut to size from 30 to 6070 mm - no compromise on fitment length
- Profile slot 10: direct connection to Bosch Rexroth Lean Production accessories without adapters
- Untreated aluminium: lightweight, corrosion-resistant and mechanically robust
- High bending and torsional stiffness from the optimised cross-section geometry

## Technical data

Property	Value
Material	Aluminum, untreated
ESD	yes
Condition on delivery	Variable length
Length min (L min)	30 mm
Length max (L max)	6070 mm
Profile slot	10
Profile surface (A)	4.4 cm <sup>2</sup>
Mass (m)	1.2 kg/m
Area moment of inertia, x-direction (Ix)	10.4 cm <sup>4</sup>
Moment of resistance, x-direction (Wx)	4.6 cm <sup>3</sup>
Area moment of inertia, y-direction (Iy)	8.3 cm <sup>4</sup>
Moment of resistance, y-direction (Wy)	4.1 cm <sup>3</sup>