

U-Profil 40x45 ESD, variable Länge bis 6070 mm - Bosch Rexroth 3842995027

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

Aluminum U-profile with ESD rating for lean conveyor tracks and manual assembly systems. Supplied in variable lengths from 30 to 6070 mm, cut to the exact dimension needed on site. Profile slot 10 allows direct integration into the Bosch Rexroth modular assembly system.

TECHNICAL DATA

Article authenticity	Original product
Condition of article	New
Country of Manufacture	Germany
ESD-Ausführung	ESD (antistatic)
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 kg
Zolltarifnummer	76042100



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The U-Profile 40x45 ESD in untreated aluminum is a structural component for building lean conveyor tracks and shelving systems in manual production environments. Its ESD certification protects electrostatic-sensitive assemblies and supports compliant ESD workstations. The variable delivery length from 30 to 6070 mm eliminates offcut waste and reduces stock requirements.

- ESD-rated: protects sensitive electronics from electrostatic discharge at the assembly station
- Variable length (30-6070 mm): cut to exact track dimensions, no excess material
- Profile slot 10: compatible with the Rexroth assembly technology modular system for fast

accessory attachment

- Untreated aluminum: lightweight, corrosion-resistant, straightforward to machine and cut

Technical data

Parameter	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 ²
Mass [m]	1.2 kg/m
Area moment of inertia x-direction [Ix]	10.4 cm ⁴
Area moment of inertia y-direction [Iy]	8.3 cm ⁴
Moment of resistance x-direction [Wx]	4.6 cm ³
Moment of resistance y-direction [Wy]	4.1 cm ³