

Rahmenprofil 30x30 WG40, 1000 mm - Bosch Rexroth 3842992972-1000

Item no. BRR-3842992972-1000

Manufacturer Bosch Rexroth

Anodized aluminum frame profile 30x30 mm for the EcoSafe WG40 woven wire guard system, supplied in variable lengths from 100 to 6070 mm. Forms the load-bearing frame for partition guards in assembly lines and production cells. Required accessories: central bolt, woven wire grille, and spring clamping elements.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
Weight	0.0099 kg
Zolltarifnummer	76109090



DESCRIPTION

The Frame Profile 30x30 WG40 is the structural basis for woven wire partition guards in the Bosch Rexroth EcoSafe system. Made from anodized aluminum, it combines low weight with reliable rigidity and corrosion resistance. The slot-8 profile accepts standard EcoSafe WG40 connectors directly, and variable cut-to-length ordering (100 to 6070 mm) eliminates fixed-length waste.

- Anodized aluminum: corrosion-resistant, lightweight, and low-maintenance
- Variable length (100 to 6070 mm): order the exact length needed, reducing offcuts and stock
- Slot 8: direct compatibility with EcoSafe WG40 accessories (central bolt, spring clamping elements)
- Defined stiffness: $I_x = 2.4 \text{ cm}^4$, $I_y = 2.9 \text{ cm}^4$ for predictable frame design
- Mass 0.9 kg/m: fast, tool-efficient installation and reconfiguration

TECHNICAL DATA

Property	Value
Profile cross-section	30 x 30 mm
Profile slot	8
Length min. [L min]	100 mm
Length max. [L max]	6070 mm
Condition on delivery	Variable length

Property	Value
Delivery unit	1 piece
Material	Aluminum, anodized
Mass [m]	0.9 kg/m
Profile surface [A]	3.2 cm ²
Area moment of inertia X [Ix]	2.4 cm ⁴
Moment of resistance X [Wx]	1.5 cm ³
Area moment of inertia Y [Iy]	2.9 cm ⁴
Moment of resistance Y [Wy]	1.8 cm ³
Required accessories	Central bolt, woven wire grille, spring clamping elements