

Rahmenprofil 30x30 WG30 2x[M8+7,8] für EcoSafe- Schutzgitter, 1000 mm - Bosch Rexroth 3842992977-1000

Item no. BRR-3842992977-1000

Manufacturer Bosch Rexroth

Anodized aluminum frame profile (30x30 mm, slot 8) for assembling EcoSafe wire guard panels and partitions. Two M8 threads and 7.8 mm through-holes per profile provide a rigid, positive connection to the wire grille and adjacent frame members. Standard delivery length 1000 mm; cut lengths from 100 to 6000 mm available.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
Weight	0.0099 kg
Zolltarifnummer	76109090



DESCRIPTION

The 30x30 WG30 frame profile is the structural backbone of EcoSafe safety guard walls and machine partitions in the Bosch Rexroth modular system. Anodized aluminum construction combines low weight with high bending stiffness and accepts standard woven wire grille inserts.

- Two M8 threaded bores and 7.8 mm clearance holes per profile for secure, backlash-free frame joints
- Slot 8 geometry integrates directly with the Bosch Rexroth profile building system - no adapter hardware needed
- Anodized finish: corrosion-resistant, durable and clean in appearance for open production environments
- Flexible lengths from 100 mm to 6000 mm on request; standard length 1000 mm
- 0.9 kg/m linear mass - easy to handle manually and reposition during line layout changes

TECHNICAL DATA

Parameter	Value
Profile cross-section	30 x 30 mm
Profile system	WG30
Profile slot	8
Threaded bores	2 x M8

Parameter	Value
Clearance bores	2 x 7.8 mm
Length (standard delivery)	1000 mm
Length min / max	100 mm / 6000 mm
Delivery unit	1 piece
Material	Aluminum, anodized
Mass	0.9 kg/m
Profile surface [A]	3.2 cm ²
Area moment of inertia I _x	2.5 cm ⁴
Moment of resistance W _x	1.6 cm ³
Area moment of inertia I _y	3.0 cm ⁴
Moment of resistance W _y	1.9 cm ³
Required accessories	Central bolt, Woven wire grille, Spring clamping elements