

Frame Profile 30x45 WG30, Variable Length 100-6070 mm - Bosch Rexroth 3842992971

Item no. BRR-3842992971

Manufacturer Bosch Rexroth

Anodized aluminum frame profile 30x45 mm for the EcoSafe protective grille system WG30. Supplied cut to a variable length from 100 to 6070 mm, allowing precise fitting to any machine guard or partition. Required accessories: central bolt, woven wire grille, and spring clamping elements.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
HS-Code	76109090
Weight	0.1 kg



DESCRIPTION

The Frame Profile 30x45 WG30 is the structural base element for protective guards and partitions within the Bosch Rexroth EcoSafe system. Delivered cut to the ordered length, it integrates cleanly into modular assembly environments without additional machining.

- Variable cut length: 100 to 6070 mm - order exactly what you need, no offcut waste
- Anodized aluminum: corrosion-resistant, lightweight, and suited to continuous industrial use
- Slot 8 profile - compatible with WG30 protective grille system components and standard assembly hardware
- High bending stiffness: area moment of inertia $I_x 7.3 \text{ cm}^4$ / $I_y 4.2 \text{ cm}^4$ for rigid frame structures
- Sold per piece at cut price - order in the exact length required

TECHNICAL DATA

Attribute	Value
Profile cross-section	30 x 45 mm
Length min. [L min]	100 mm
Length max. [L max]	6070 mm
Condition on delivery	Variable length
Delivery unit	1 piece

Attribute	Value
Profile slot	8
Material	Aluminum, anodized
Mass [m]	1.2 kg/m
Profile surface [A]	4.5 cm ²
Area moment of inertia I _x	7.3 cm ⁴
Moment of resistance W _x	3.2 cm ³
Area moment of inertia I _y	4.2 cm ⁴
Moment of resistance W _y	2.7 cm ³
Required accessories	Central bolt, woven wire grille, spring clamping elements