

Rahmenprofil 30x45 WG30, 6070 mm, Aluminium eloxiert - Bosch Rexroth 3842557228

Item no. BRR-3842557228 **Manufacturer** Bosch Rexroth

Manufacturer no. 3842557228

Anodized aluminum frame profile for the Bosch Rexroth WG30 protective grille system, cross-section 30x45 mm, length 6070 mm. Supplied as a packaging unit of 20 pieces in standard length, it provides the structural basis for modular guards and dividing walls in assembly systems. Central bolt, woven wire grille, and spring clamping elements are required accessories ordered separately.

TECHNICAL DATA

Article authenticity	Original product
Condition of article	New
Length	6070 mm
Weight	150.6 kg
Zolltarifnummer	76042100



DESCRIPTION

The 30x45 frame profile for the Bosch Rexroth WG30 protective grille system forms the load-bearing structure of modular guards and partition walls in industrial assembly lines. Anodized aluminum combines low weight with high rigidity and a corrosion-resistant surface finish.

- **Defined structural performance:** Area moment of inertia $I_x 7.3 \text{ cm}^4 / I_y 4.2 \text{ cm}^4$ and moment of resistance $W_x 3.2 \text{ cm}^3 / W_y 2.7 \text{ cm}^3$ for reliable engineering calculations.
- **System-compatible profile slot 8:** Matches the standardized slot system of the WG30 modular kit, enabling low-tool assembly with central bolts and spring clamping elements.
- **Anodized aluminum:** Corrosion-resistant, lightweight, and rated for long-term use in industrial environments.
- **Packaging unit of 20 pieces:** Standard length 6070 mm, mass per piece 1.2 kg; total packaging unit weight 150.6 kg.

Technical data

Property	Value
Length [L]	6070 mm

Property	Value
Cross-section	30 x 45 mm
Profile surface [A]	4.5 cm ²
Profile slot	8
Material	Aluminum, anodized
Mass [m] per piece	1.2 kg
Weight, packaging unit	150.6 kg
Delivery unit	20 pieces
Condition on delivery	Packaging unit in standard length
Area moment of inertia I _x	7.3 cm ⁴
Area moment of inertia I _y	4.2 cm ⁴
Moment of resistance W _x	3.2 cm ³
Moment of resistance W _y	2.7 cm ³
Required accessories	Central bolt, woven wire grille, spring clamping elements