

Strut Profile 30x45, Slot 8, 18 Pieces x 6070 mm, Anodized Aluminum - Bosch Rexroth 3842557203

Item no. BRR-3842557203

Manufacturer Bosch Rexroth

Strut profile with 30x45 mm cross-section and slot 8, made from anodized aluminum, supplied as a packaging unit of 18 bars at 6070 mm each. Three open slots allow flexible assembly within the 30 mm modular grid. Designed for framing, transfer, and automation structures built on the Bosch Rexroth aluminum profile system.

TECHNICAL DATA

Country of Manufacture **Sweden**

HS-Code **76042100**

Lenght **6070 mm**

Weight **130 kg**



31385

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth 30x45 strut profile is an anodized aluminum section with slot 8 and three open slots, cross-section 30x45 mm. Each packaging unit contains 18 bars of 6070 mm length, with an individual mass of 1.1 kg per bar and a total unit weight of 130 kg. The profile is suited to load-bearing frames, transfer lines, and automated assembly structures where low part count and fast connector-based joining are priorities.

- Anodized aluminum - lightweight, corrosion-resistant, and dimensionally stable
- Three open slots for connections and add-on components without additional machining
- 30 mm modular dimension - fully compatible with the Bosch Rexroth assembly technology system
- Profile surface area 4 cm² at a mass of 1.1 kg per meter

TECHNICAL DATA

Property	Value
Cross-section	30x45 mm
Profile slot	8
Profile type	Standard

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Property	Value
Modular dimension	30 mm
Open slots	3
Length [L]	6070 mm
Delivery unit	18 pieces
Condition on delivery	Packaging unit in standard length
Material	Aluminum, anodized
Color	Natural
Mass [m]	1.1 kg
Weight (packaging unit)	130 kg
Profile surface [A]	4 cm ²
Area moment of inertia X [I _x]	8.1 cm ⁴
Area moment of inertia Y [I _y]	3.9 cm ⁴
Moment of resistance X [W _x]	3.9 cm ³
Moment of resistance Y [W _y]	2.9 cm ³
Torsional moment of inertia [I _t]	1.3 cm ⁴
Moment of torsion resistance [W _t]	1.3 cm ³
Recommended accessories	Cover cap 30x45, black ESD