

Strebenprofil 45x270 Q&E, Aluminium eloxiert, 13 Nuten - Bosch Rexroth 3842993732

Item no. BRR-3842993732

Manufacturer Bosch Rexroth

Wide strut profile with a 45x270 mm cross-section and 13 open slots for high-load support structures in the Rexroth 45 mm modular system. The anodized aluminum profile is available in lengths from 80 to 6000 mm and delivers an area moment of inertia of 3962 cm⁴ in the x-direction for exceptional bending stiffness. Compatible with standard and customized profile finishing options.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
Hinweis	Gemäß der aktuellen Preisstruktur werden für Bestellungen von Profilen mit einer Länge von 1500 mm zusätzliche Kosten in Höhe von 80,00 Euro berechnet.
Weight	0.1 kg
Zolltarifnummer	76042100



DESCRIPTION

The strut profile 45x270 is the widest profile in the Rexroth system series 45, designed for heavily loaded beams, machine frames, and structures where high bending stiffness in the x-direction is essential. The anodized aluminum cross-section features 13 open slots (slot width 10 mm) for flexible attachment of connectors, brackets, and accessories on all sides.

- High bending stiffness: area moment of inertia $I_x = 3962 \text{ cm}^4$, moment of resistance $W_x = 300.2 \text{ cm}^3$
- 13 open slots (width 10 mm) for maximum mounting flexibility on all faces
- 45 mm modular dimension - compatible with the complete Rexroth profile system
- Available in lengths from 80 to 6000 mm, packaging unit 1 piece
- Standard profile finishing at specified slots (M12, D9.8, D17, DB17, F1) plus customized options (DI, DIS, MT, MTS, MI, MIS)
- Recommended accessories: cover cap 45x90 in signal gray or black

TECHNICAL DATA

Property	Value
Cross-section	45x270 mm
Profile type	Standard
Modular dimension	45 mm

Property	Value
Profile slot width	10 mm
Open slots	13
Length min. / max.	80 mm / 6000 mm
Material	Aluminum, anodized
Color	Natural
Mass	16.7 kg/m
Profile surface [A]	61.9 cm ²
Area moment of inertia I _x	3962 cm ⁴
Area moment of inertia I _y	118 cm ⁴
Moment of resistance W _x	300.2 cm ³
Moment of resistance W _y	61.6 cm ³
Packaging unit	1 piece