

Strebenprofil 45x45 M12/M12, eloxiertes Aluminium, ESD-geeignet - Bosch Rexroth 3842990518

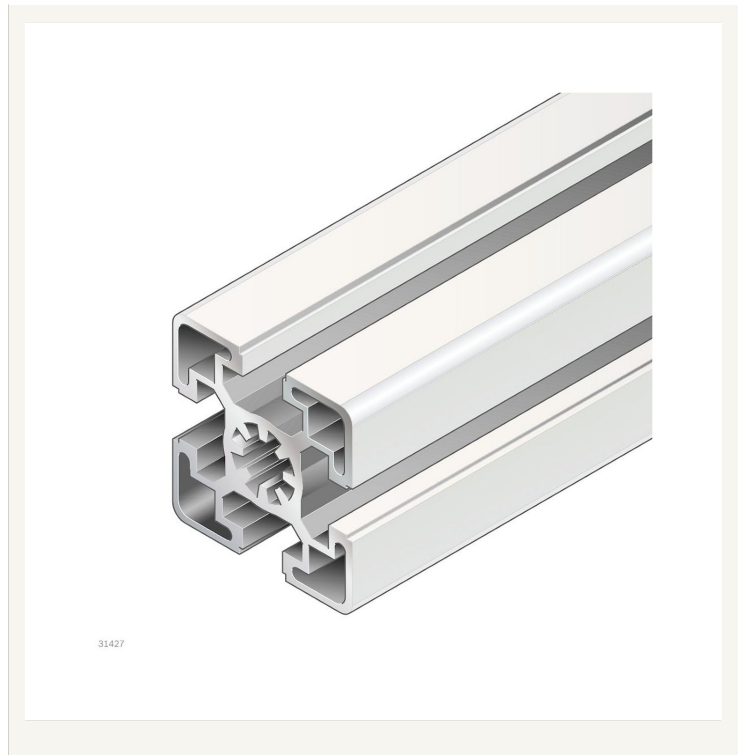
Item no. BRR-3842990518

Manufacturer Bosch Rexroth

Strut profile 45x45 mm with M12/M12 connection bores in anodized aluminum for building assembly stations, machine guards, and workstation structures. Four open slots on the 45 mm grid allow quick, precise connection to all compatible Rexroth profile components. ESD-compatible; cut to length from 110 mm to 6000 mm.

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	76169990



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Strut Profile 45x45 M12/M12 from Bosch Rexroth is an anodized aluminum profile on the 45 mm modular grid, designed for constructing assembly stations, protective enclosures, and machine frames. Its ESD compatibility makes it suitable for use in electrostatic discharge-sensitive production environments. Four open slots and M12 threaded bores at both ends allow accurate, tool-free connection with other elements in the Rexroth profile system.

- **Cut-to-length flexibility:** available from 110 mm to 6000 mm to suit any structural requirement.
- **ESD-compatible:** anodized surface meets the requirements of ESD-protected work areas.
- **High bending stiffness:** area moment of inertia $I_x = I_y = 13.8 \text{ cm}^4$ with a profile cross-section of 7.5 cm^2 .
- **Four open slots:** 45 mm grid ensures full compatibility throughout the Rexroth assembly system.

TECHNICAL DATA

Parameter	Value
Cross-section	45 x 45 mm

Parameter	Value
Modular dimension	45 mm
Profile slot width	10 mm
Open slots	4
Profile type	Standard
Connection bores	M12 / M12
Length min. (L min)	110 mm
Length max. (L max)	6000 mm
Profile surface (A)	7.5 cm ²
Mass (m)	2 kg/m
Area moment of inertia I _x	13.8 cm ⁴
Area moment of inertia I _y	13.8 cm ⁴
Moment of resistance W _x	6.1 cm ³
Moment of resistance W _y	6.1 cm ³
Torsional moment of inertia (I _t)	2.65 cm ⁴
Moment of torsion resistance (W _t)	0.96 cm ³
Material	Aluminum, anodized
Color	Natural
ESD-compatible	Yes
Packaging unit	1