

# Strebenprofil 45x45L 3N, 20 x 6070 mm, Aluminium eloxiert, ESD - Bosch Rexroth 3842557225

**Item no.** BRR-3842557225 **Manufacturer** Bosch Rexroth

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Strut profile with 45x45L 3N cross-section and three open slots for versatile connections within the aluminum profile system. The anodized finish and ESD rating make it suitable for electrostatic-protected workstation and machine structures. Delivery unit: 20 pieces at 6070 mm length, mass per profile 1.7 kg.

## TECHNICAL DATA

Article authenticity	<b>Original product</b>
Condition of article	<b>New</b>
Country of Manufacture	<b>Sweden</b>
Lenght	<b>6070 mm</b>
Weight	<b>217.1 kg</b>
Zolltarifnummer	<b>76042100</b>



## STANDARDS & COMPLIANCE

ESD safe

## DESCRIPTION

The Bosch Rexroth strut profile 45x45L 3N is an anodized aluminum profile with three open slots, 45 mm modular dimension, and ESD compliance. It is part of the modular aluminum profile system and is used to build workstation systems, machine enclosures, and support structures in ESD-sensitive environments. Supply is as a packaging unit in standard length (20 pieces, each L = 6070 mm).

- 3 open slots for flexible connections in X, Y, and diagonal directions
- ESD-rated - suitable for electrostatic-protected areas
- 45 mm modular dimension - compatible with the Bosch Rexroth 45 profile system
- Anodized aluminum surface - corrosion-resistant and durable
- Recommended accessories: cover cap 45x45 black ESD, cover cap 45x45 signal gray, cap with hole 45x45 black ESD, cover cap with hole 45x45 signal gray

## Technical data

Property	Value
Cross-section	45x45L 3N
Profile type	3N
Dimensions	45x45 mm
Length [L]	6070 mm
Modular dimension	45 mm
Open slots	3
Profile slot	10
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Mass per profile [m]	1.7 kg
Weight packaging unit	217.1 kg
Delivery unit	20 pieces
Condition on delivery	Packaging unit in standard length
Profile surface [A]	6.2 cm <sup>2</sup>
Area moment of inertia x-direction [Ix]	12.6 cm <sup>4</sup>
Area moment of inertia y-direction [Iy]	11.7 cm <sup>4</sup>
Moment of resistance x-direction [Wx]	5.4 cm <sup>3</sup>
Moment of resistance y-direction [Wy]	5.2 cm <sup>3</sup>
Torsional moment of inertia [It]	3.4 cm <sup>4</sup>
Moment of torsion resistance [Wt]	2.4 cm <sup>3</sup>