

# Halbrundprofil 45x45 HR, Aluminium eloxiert, ESD, L=6070mm, 20 Stück - Bosch Rexroth 3842557957

**Item no.** BRR-3842557957 **Manufacturer** Bosch Rexroth**Manufacturer no.** 3842557957

Semicircular aluminium profile in anodized natural finish, cross-section 45x45 HR, ESD-rated, supplied as a pack of 20 pieces at standard length 6070 mm. One open slot and a 45 mm modular dimension ensure compatibility with the Bosch Rexroth profile system. Recommended accessories: cover cap 45x45 HR in black ESD or signal gray.

## 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>234.7 kg</b>
Zolltarifnummer	<b>76042100</b>



## STANDARDS & COMPLIANCE

**ESD safe**

## DESCRIPTION

The half-round profile 45x45 HR from Bosch Rexroth is an anodized aluminium structural profile with a semicircular cross-section and ESD protection, designed for assembly and production-system applications. Each pack contains 20 profiles at 6070 mm standard length, with an individual piece weight of 1.8 kg. The 45 mm modular dimension and single open slot integrate directly into the Bosch Rexroth aluminium profile system.

- ESD-rated - suitable for electrostatically sensitive production environments
- Anodized aluminium, natural colour - corrosion-resistant with a durable surface
- Semicircular profile with one open slot - compact cross-section for space-efficient structures
- 45 mm modular dimension - fully compatible with the Bosch Rexroth profile system
- Delivered as a pack of 20 pieces, each 6070 mm long

## Technical data

Property	Value
Cross-section	45x45 HR
Profile type	Semicircular
Dimensions	45x45 mm
Length [L]	6070 mm
Modular dimension	45 mm
Profile slot	10
Open slots	1
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Profile surface [A]	6.6 cm <sup>2</sup>
Mass [m]	1.8 kg
Area moment of inertia in x-direction [Ix]	11 cm <sup>4</sup>
Area moment of inertia in y-direction [Iy]	10.7 cm <sup>4</sup>
Moment of resistance in x-direction [Wx]	4.4 cm <sup>3</sup>
Moment of resistance in y-direction [Wy]	4.8 cm <sup>3</sup>
Torsional moment of inertia [It]	7.6 cm <sup>4</sup>
Moment of torsion resistance [Wt]	3.4 cm <sup>3</sup>
Delivery unit	Pack of 20
Condition on delivery	Packaging unit in standard length
Weight (pack)	234.7 kg
Recommended accessories	Cover cap 45x45 HR, black ESD; Cover cap 45x45 HR, signal gray