

# WISI MN 90 A

Rafter fastener



## Description

The MN 90 A is a rafter fastener. With its high bending moment from min 1100 Nm in all directions, it is the most stable holder on the market. A 100 cm antenna is possible. The mast tube's diameter is 60 mm and is suitable for a roof pitch of 25° to 56°. Thanks to 8 fixing elements with a certification for construction industry, there is no wobble at larger distances between the rafters (up to 800 mm). Thanks to a precise and stable orientation, powerful bidirectional Internet is guaranteed via satellite. The wall thickness is 3 mm and the height 90 mm.

## Scope of delivery

- mast 90 cm
- mast clamping
- telescopic tube
- 4 screws 10 x 100 mm, SW 17
- 8 TORX- flat head screw 8x 120 mm
- installation instructions

## At a glance:

- Bending moment of min 1100Nm in all directions. Currently the strongest holder on the market. A 100 cm antenna is possible.
- mast tube with Ø 60 mm
- wall thickness 3 mm and a high from 90 cm
- 8x fastening element with construction approval
- for rafter spacing to 800 mm
- for roof pitch from 25-56°
- Precise and strong positioning for bi-directional and powerful Internet reception via satellite (e.g. for the systems Filiago, skyDSL, sat\_speed).
- no wobbling with bigger rafter distances
- Rafter and between rafter solution.

## Technical data

Material	Tubes: galvanized steel; clamp: diecast aluminum
Mast diameter	60 mm
Mast length	900 mm
Wall thickness	3 mm
Roof bar spacing	800 mm (max.)
Roof pitch	24...56 °
Bending force	1100 Nm

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	1000 x 230 x 80 mm
Packaging volume sales unit	dm <sup>3</sup>
Gross weight sales unit	12 kg
Shipping unit	pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	18.4 dm <sup>3</sup>
Gross weight shipping unit	11,4 kg
EAN	4010056730413
Article number	73041
Customs tariff number	73089098