

RE-TE

PRODUCT DESCRIPTION

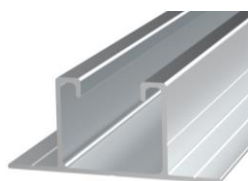
- Watertight trebol rivet

CHARACTERISTICS

- Tri-bulb blind rivets.
- Aluminium head and shaft.
- Includes EPDM washer
- For outside use.
- Used to join rigid and soft materials.
- Excellent watertightness.
- Large contact surface after expansion with good load distribution.
- Adaptable expansion, can be used on oversized drill holes.
- Tests carried out in accordance with EN ISO 14589.



APPLICATIONS



PSA-A



PSE-C

For the installation of solar panels on **aluminium coplanar mounting systems with direct fixing**.

The structural components of the solar range that are normally installed are:

- **PSA-A**, winged aluminium solar profiles for direct fixing.
- **PSE-C**, aluminium solar profile for side mounting.

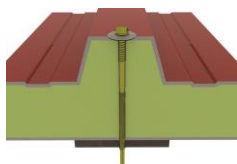
Extremely reliable joint used for mounting on metal roofs, maintaining watertightness.

BASE MATERIAL/SEALING ACCESSORIES

BASE MATERIAL



Metal sheet



Sandwich panel

SEALING ACCESSORIES



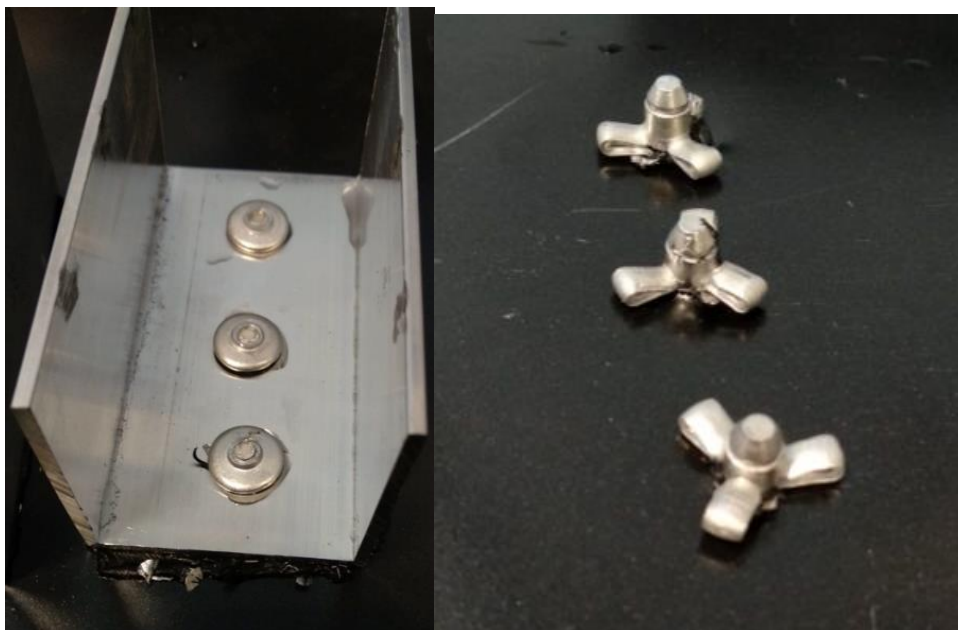
CS-B

Butylene adhesive sealing tape

APPLICATION EXAMPLES



Application example 1: mounting of the PSA-A profile



Application example 2: detail showing mounting on sheet metal to test watertightness

1. RANGE

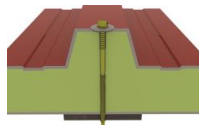
ITEM	CODE	PHOTO	DESCRIPTION	DIAMETER	LENGTH	MATERIALS	
1	RETE5220		Watertight trebol rivet	5.2 mm	20 mm	 Aluminium	 EPDM

2. INSTALLATION INFORMATION

2.1 RE-TE

Watertight trebol rivet

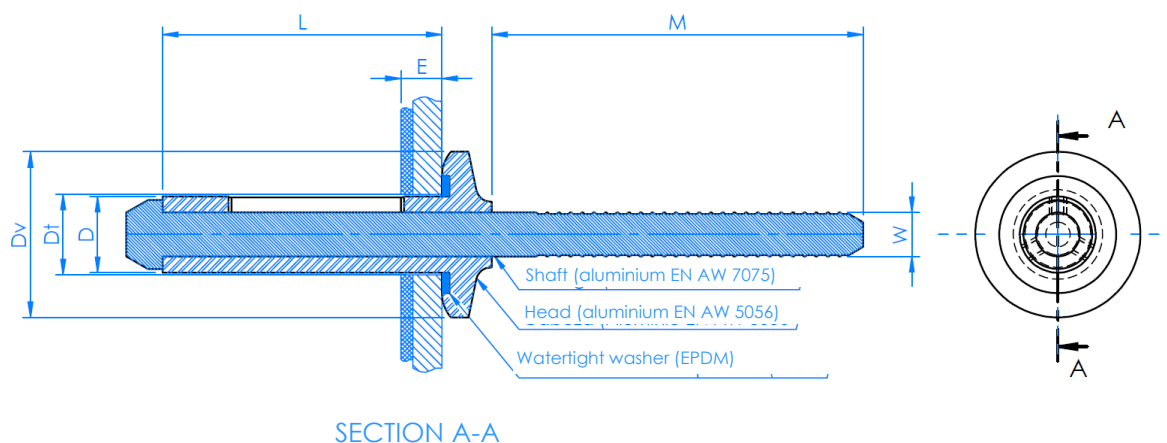


Material		Compatible	
 Aluminium	 EDM	 PSE-C Aluminium profile for side mounting	 PSA-A Winged aluminium profile
Base material			Sealing accessories
 Metal sheet	 Sandwich panel	 CS-B Butylene adhesive sealing tape	

Measurement table

Code	D (mm)	L (mm)	Dv (m)	M (mm)	W (mm)
RETE5220	5.2	20	11.3	25.4	3

Drawing



Installation table

Code	Dt Drilled hole diameter (mm)	E Attachment thickness (mm)	Extraction strength (kN)	Shear strength (kN)	Shaft traction strength (kN)	Extraction load PSA-A profile/0.6 mm S280GD sheet steel NRd (kN)
RETE5220	5.3-5.5	1.6-6.4	2	3	3.4	0.8

Installation tools



RM-MA
Hand riveter for blind rivets



RM- PA
Long arm hand riveter