

RIVET Y-STAR ALU Ø5.2xL + NEO WASHER



PRODUCT DEFINITION

- Open type rivet with body separated along its length in 3 parts.
- Assembled with an EPDM washer.

SCOPE OF APPLICATION

- This rivet is able to strongly grip fragile materials: aluminium panels, polyester or fibre-cement sheet, ...
- Ideal for plastics assembly.

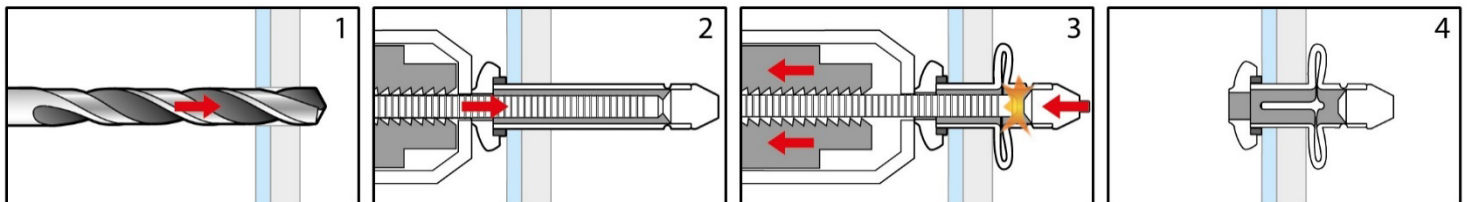
MATERIAL & FINISH

Material:

- Body and mandrel:
Aluminium.
- Washer:
EPDM (Ethylene Propylene Diene Monomer)

INSTALLATION

1. Drilling of the elements to be riveted .
2. Insert the nail of the rivet into the riveter and position the body of the rivet in the hole.
3. Expanding the rivet with the riveter.
4. The mandrel has broken, the rivet is in place.



Recommended tools:

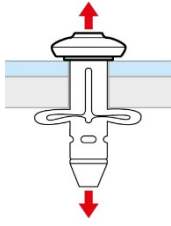
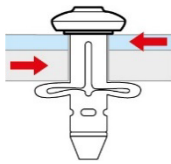
- DEGOMETAL GO265 18V cordless riveter (code: 273 334)
- MILWAUKEE M12 12V cordless riveter (code: 324 685)
- Drill bit HSS Ø5,4x93 mm (code: 282 060)

Associated products:

- Coloured plastic cap (See General Catalogue)

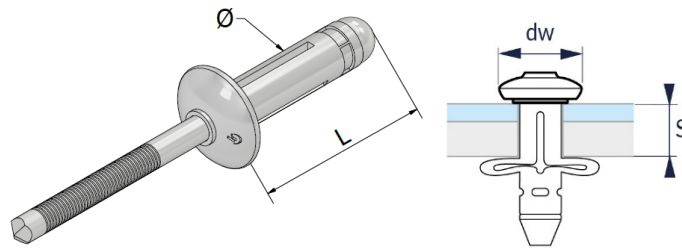
PERFORMANCES

Characteristics strengths:
According to NF EN ISO 14589:2001

Strength	Value (daN) ⁽¹⁾	
Characteristic tensile strength	$F_{\text{tens}} = 180$	
Characteristic shearing strength	$F_{\text{shear}} = 270$	

⁽¹⁾ These values do not include safety coefficient.

DIMENSIONS & CODES



Ø x L. (mm)	dw (mm)	S _{mini} (mm)	S _{maxi} (mm)	d _o (mm)	Code
5,2 x 17,5	11,6	1,3	4,8	5,4	279 400
5,2 x 19,1	11,6	1,6	6,4	5,4	279 402
5,2 x 22,2	11,6	4,7	9,5	5,4	279 404
5,2 x 25,4	11,6	7,9	12,7	5,4	279 406
5,2 x 28,6	11,6	11,1	15,9	5,4	279 408
5,2 x 31,8	11,6	14,3	19,1	5,4	279 410

Ø: nominal diameter - L: length - dw: flange head diameter - S_{mini}: recommended minimum nominal grip thickness - S_{maxi}: recommended maximum nominal grip thickness - d_o: drilling diameter to be adjusted according to expansion, value given for information.

CONFORMITY

- The characteristic strengths are from tests conducted according to standard EN ISO 14589:2001: Blind rivets - Mechanical testing.
- LR ETANCO recommends that you perform on-site tests to assess the behaviour of the rivet in an assembly whose grip thickness is outside of S_{mini} and S_{maxi}.

Registration Date: 2022/09/21 - Revision B

LR ETANCO is associate member:



LR ETANCO - Parc les Érables - Bât. 1 - 66 Route de Sartrouville
78231 Le Pecq Cedex - France - www.etanco.eu

Tel: +33 (0)1 34 80 52 00 - commercial.france@etanco.fr

MARKING & LABELLING

- On packaging: RIVET Y-STAR Alu + Ø x L + NEO WASHER + CODE.

QUALITY CONTROL

- ISO 9001 certified quality management system according to the certificate in force.

NOTA

These products are intended for professional installers landlords whose the related service includes supply and installation. In accordance with rules and normative regulation, it's their responsibility to check that the use of these products is in conformity to themselves needs and their customers. They have to insure as well the adequacy of this material with their real operating conditions. The company excludes any guarantee for the use that does not respect these conditions. His responsibility is limited to the strict compliance with the specifications stipulated on the customer's purchase order. The guarantee is limited to the replacement of defective parts acknowledged by the Company's technical service, without workforce costs and travel expenses. It excludes material damage or physical injury and others direct or indirect damages, material or immaterial, which may result from defective parts including installation that not complying with the use for which they are designed and produced.

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