Translation of the Spanish version; it may contain errors. The Spanish version prevails.

DECLARATION OF PERFORMANCE

In accordance with Annex III of Regulation (EU) No 305/2011 (Construction Products Regulation)

No.: FYT-11115055

1- Unique identification code of the product-type:	11115055
2- Identification of the construction product:	See product label
3- Intended use of the product:	Drilling and fixing steel sections up to a total thickness of 12.5 mm.
4- Manufacturer's name and contact address	Fijaciones FYT, S.L. C/ Palier, 19 28914 Leganés (Madrid) Spain
5- Name and contact address of the authorised representative	Not applicable
6- System of assessment and verification of constancy of performance of the product as set out in Annex V	4
7- Name and identification number of the notified body	Not applicable
8- European Technical Assessment name and number	Not applicable

9- Declared performance

Essential characteristics	Performance	Technical specifications
Dimensions and tolerance	According to technical specifications	DIN 7504K
Ultimate tensile load	See Annex 1	-
Ultimate shear load	See Annex 1	-
Pull-out force in aluminium	See Annex 1	-
Material	Stainless steel	AISI-304
Drilling capacity (aluminium)	12,5 mm.	-

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Signed for and on behalf of the manufacturer by:

Enrique Capilla, Technical Director
/
Leganés, 28 April 2020

Annex 1: Product data sheet

Bi-metal

FYT FIJAMOS EL MUNDO

11115055 Bi-FYT DK5 5,5

Material	AISI 304 stainless steel	Diameter (mm)	5,5
Heat treatment	Austenitising + quenching + tempering	Drilling capacity	12,5 mm.
Corrosion protection	Stainless steel	Hardness – Surface	-
Lengths (mm)	38 - 185	Hardness – Core	-
Shear failure load	9.500 N	Tensile failure load	14.000 N

Maximum pull-out force (N)*

Thickness (mm)	6,00	8,00	10
Force (N)	12.100	14.000**	14.000**

*. Mean test value. **. Failure by fracture.



Maximum pull-over force (N)*

Thickness (mm)	0,50	0,60	0,70	0,80	1,00
Without washer (N)	840	1.008	1.176	1.344	1.680
P 16 washer (N)	1.120	1.344	1.568	1.792	2.240
P 18 washer (N)	1.260	1.512	1.764	2.016	2.520

*. Values obtained from the Spanish structural steel code for an ST37 sheet (350 N/mm2)



Maximum shear force (N)

Thickness (mm)	0,63	1,00	1,50
Section (mm)	10	10	10
Force (N)	4.000	7.800	9.500

*. Values obtained from the Spanish structural steel code for an ST37 sheet (350 N/mm2)

Bi-metal

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