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-11123055

1-	Unique identification code of the product-type:	11123055
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 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	Carbon steel	AISI 316
Drilling capacity (aluminium)	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

11123055 Bi-FYT PANEL3 5,5 A4

Material	AISI 316 stainless steel	Diameter (mm)		5,5
Heat treatment	Austenitising + quenching + tempering	Drilling capacity		5 mm.
Corrosion protection	Stainless steel	Hardness	Surface	-
Lengths (mm)	50 - 230		Core	-
Shear failure load	9.500 N	Tensile failure load		14.000 N

Maximum pull-out force (N)*

Thickness (mm)	2,00	2,50	3,00	4,00	5,00	6,00
Force (N)	2.900	4.300	5.600	8.500	11.500	14.000**

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



Head
8 mm
hexagonal

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	0,63	0,75	1,00
Section (mm)	2,00	5,00	2,00	5,00
Force (N)	2.800	3.200	2.900	5.000

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

Bi-metal

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