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-11112048

1- Unique identification code of the product-type:	11112048
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 3 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)	3 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, 23 March 2020

Annex 1: Product data sheet

Bi-metal

FYT FIJAMOS EL MUNDO

11112048 Bi-FYT DK2 4,8

Material	AISI 304 stainless steel	Diameter (mm)		4,8
Heat treatment	Austenitising + quenching + tempering	Drilling capacity		2,5 mm
Corrosion protection	Stainless steel	Hardness	Surface	-
Lengths (mm)	16 - 25		Core	-
Shear failure load	6.300 N	Tensile failure load		7.300 N

Maximum pull-out force (N)*

Thickness (mm)	1,00	2,00	3,00
Force (N)	1.350	3.160	5.790

*. Mean test value.

Head Hexagonal 8 mm





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)	0,5	0,6	0,7	0,8	1,00	1,20
Section (mm)	2-3	2-3	2-3	2-3	2-3	2-3
Force (N)	694	912	1.150	1.405	2.822	3.387

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

Bi-metal

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