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-10110755

1- Unique identification code of the product-type:	10117055
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- System of assessment and verification of constancy of performance of the product as set out in Annex V	4
6- European Technical Assessment name and number	Not applicable

7- 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	See Annex 1	-
Material	Carbon steel	AISI 1022
Drilling capacity	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, 23 March 2020

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Annex 1: Product data sheet

Zinc-plated

FYT FIJAMOS EL MUNDO

10117055 FYT TKS 5,5				
Material	AISI 1022 steel	Diameter (mm)		5,5
Heat treatment	Austenitising + quenching + tempering	Drilling capacity		12,5 mm.
Corrosion protection	1,000 h salt spray	Hardness	Surface	510 - 700 HV
Lengths (mm)	32		Core	320 - 420 HV

Maximum pull-out force (N)*

Thickness (mm)	2,67	4,76	6,35
Force (N)	6.792	16.462	17.788

*. Mean test value.



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)	2,67	3,18	6,35
Force (N)	11.787	12.010	12.286

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

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