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-30115055

1-	Unique identification code of the product-type:	30115055
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	See Annex 1	-
Material	Carbon steel	AISI 1022
Drilling capacity (aluminium)	12,5 mm.	-
Corrosion protection	According to technical specifications	Delta Tone

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

Delta

30115055 DELTA-FYT DK5 5,5

Material	AISI 1022 steel	Diameter (mm)		5,5
Heat treatment	Austenitising + quenching + tempering	Drilling capacity		12,5 mm.
Corrosion protection	Delta Tone coating	Hardness	Surface	Min 560 HV
Lengths (mm)	35		Core	240 - 425 HV
Shear failure load	11.000 N	Tensile failure load		18.000 N

Maximum pull-out force (N)*

Thickness (mm)	4,00	5,00	6,00	8,00	10
Force (N)	8.400	8.900	12.100	15.400	17.600

*. 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)	0,63	1,00	1,50	0,63	1,00	1,50
Section (mm)	4,00	4,00	4,00	10	10	10
Force (N)	3.800	6.900	10.600	4.000	7.800	11.000

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

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