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-10100163

1- Unique identification code of the product-type:	10100163
2- Identification of the construction product:	See product label
3- Intended use of the product:	Fixing steel sections to timber structural members.
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	DIN6928
Ultimate tensile load	See Annex 1	-
Ultimate shear load	See Annex 1	-
Pull-out force	See Annex 1	-
Material	Carbon steel	AISI 1018

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

Zinc-plated

FYT FIJAMOS EL MUNDO

10100163 FYT RCH MAD 6,3 AB

Material	AISI 1018 steel	Diameter (mm)		6,3
Heat treatment	Austenitising + quenching + tempering	Drilling capacity		-
Corrosion protection	Zinc-plated - Delta Tone	Hardness	Surface	450 HV
Lengths (mm)	19 - 260		Core	390 HV
Shear failure load	10,780 N	Tensile failure load		14.000 N

Maximum pull-out force (N)*

Thickness (mm)	25	30	40	50	70
Hole Ø (mm)	4,00	4,00	4,00	4,00	4,00
Force (N)	2.088	3.024	3.753	5.148	8.235

*. 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)	0,5	0,6	0,7	0,8	1,00	1,20
Section (mm)	25	25	25	25	25	25
Force (N)	795	1.045	1.317	1.609	3.704	4.445

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

Zinc-plated

www.faytexsl.com C/ Palier, 19 · 28914 Leganés (Madrid) Spain +34 916 945 561

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Faytex, S.L./Fijaciones FYT, S.L.
C/ Palier, 19 28914 Leganés (Madrid) Spain
Tel: +34916945561/+34916942861
E-Mails: empresa@faytexsl.com / empresa@fyt.es
Web: www.faytexsl.com / www.fyt.es