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-02183T48

1-	Unique identification code of the product-type:	02183T48
2-	Identification of the construction product:	See product label
3-	Intended use of the product:	Drilling and fixing aluminium 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-	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
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

Faytex, S.L./Fijaciones FYT, S.L.
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Annex 1: Product data sheet

Stainless

02183T48 i-FYT Tx3 4,8

Material	AISI 304 stainless steel	Diameter (mm)	4,8
Heat treatment	Austenitising + quenching + tempering	Drilling capacity	3 mm aluminium
Corrosion protection	Stainless steel	Hardness – Surface	194 HV
Lengths (mm)	25	Hardness – Core	194 HV
Shear failure load	6.300 N	Tensile failure load	7.300 N

Maximum pull-out force in aluminium (N)*

Thickness (mm)	2 x 1,00	3,00
Force (N)	1.230	2.118

*. 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)	1,00	1,50	2,00
Section (mm)	1,00	1,50	2,00
Force (N)	2.068	3.102	4.136

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

Stainless

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