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-02104063

1-	Unique identification code of the product-type:	02104063
2-	Identification of the construction product:	See product label
3-	Intended use of the product:	Fixing steel sections to structural members of various types (steel, timber, concrete)
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

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

Stainless

02104063 i-FYT RCH BZ 6,3

Material	AISI 304 stainless steel	Diameter (mm)	6,3
Heat treatment	Austenitising + quenching + tempering	Drilling capacity	-
Corrosion protection	Stainless steel	Hardness – Surface	-
Lengths (mm)	20 - 280	Hardness – Core	-
Shear failure load	12.500 N	Tensile failure load	16.000 N

Maximum pull-out force (N)*

Thickness (mm)	4,00	5,00	6,00	8,00	9,00
Hole Ø (mm)	5,3	5,6	5,7	5,8	5,8
Force (N)	12.050	15.642	16.000**	16.000**	16.000**

*. Mean test value. **. Failure by fracture

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)	0,75	0,88	1,00	0,75	0,88	1,00
Section (mm)	4,00	4,00	4,00	8,00	8,00	8,00
Force (N)	4.570	4.520	6.740	4.590	6.250	7.280

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

Stainless

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