*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-02163X42**

| | | |
|---|---|---|
| 1- | Unique identification code of the product-type: | 02163X42 |
| 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 3.5 mm. |
| 4- | Manufacturer's name and contact address | Fijaciones FYT, S.L.<br>C/ Palier, 19<br>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) | 3,5 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

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

## Stainless

### 02163X42 i-FYT EXP 4,2

| | | | |
|---|---|---|---|
| Material | AISI 304 stainless steel | Diameter (mm) | 4,2 |
| Heat treatment | Austenitising + quenching + tempering | Drilling capacity | 3.5 mm aluminium |
| Corrosion protection | A2 stainless steel | Hardness – Surface | - |
| Lengths (mm) | 14 - 22 | Hardness – Core | - |
| Shear failure load | 4.500 N | Tensile failure load | 7.500 N |

### Maximum pull-out force in aluminium (N)*

| Thickness (mm) | 2,00 | 3,00 | 3,50 |
|---|---|---|---|
| Force (N) | 930 | 1.550 | 1.980 |

*. 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 |
|---|---|---|
| Section (mm) | 1,00 | 1,50 |
| Force (N) | 1.479 | 2.169 |

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

Stainless

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