*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-30111063**

| | | |
|---|---|---|
| 1- | Unique identification code of the product-type: | 30111063 |
| 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 2.5 mm. |
| 4- | Manufacturer's name and contact address | Fijaciones FYT, S.L.<br>C/ Palier, 19<br>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) | 2,5 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 CE

FIJAMOS EL MUNDO

### 30111063 DELTA - FYT DK1 CE 6,3

| | | | | |
|---|---|---|---|---|
| Material | AISI 1022 steel | | Diameter (mm) | 6,3 |
| Heat treatment | Austenitising + quenching + tempering | | Drilling capacity | 2,5 mm. |
| Corrosion protection | Delta Tone coating | Hardness | Surface | Min 560 HV |
| Lengths (mm) | 20 - 60 | | Core | 240 - 425 HV |
| Shear failure load | 9.500 N | | Tensile failure load | 14.000 N |

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

| Thickness (mm) | 2x 0,63 | 2x 0,75 |
|---|---|---|
| Force (N) | 1.100 | 1.600 |

*. 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 | 0,75 |
|---|---|---|
| Section (mm) | 0,63 | 0,75 |
| Force (N) | 1.500 | 3.000 |

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

Delta CE

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Translation of the Spanish version; it may contain errors.

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