

# TECHNICAL DATA SHEET

## DUO-FAST®

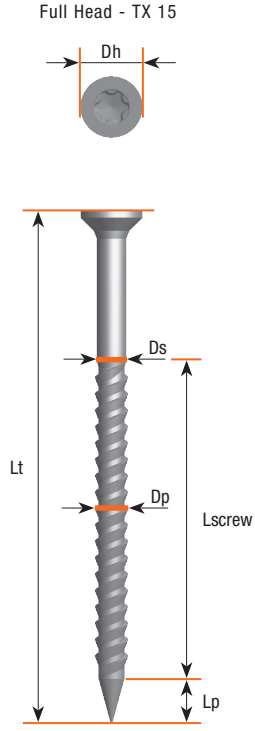
### 0° Coil Nails



<b>DIAMETER</b>	• 2.8 / 3.2
<b>SHANK</b>	• Nail Screw
<b>FINISHES</b>	• Stainless Steel A2
<b>COLLATION</b>	• IN Coil Nails
<b>TOOLS</b>	• CNP75.1

### MATERIAL PROPERTIES / DIMENSIONS

- **Tensile strength wire:**  
minimum 600 N/mm<sup>2</sup>
- **Diameter, Shank Ds<sup>(1)</sup>:**  
2.8 mm
- **Diameter, Profile minimum Dp:**  
3.2 mm
- **Diameter, Head Dh<sup>(2)</sup>:**  
6.0 mm
- **Nail length total Lt<sup>(1)</sup>:**  
45 / 55 / 65 / 75 mm



### INTENDED USE - CORROSION PROTECTION

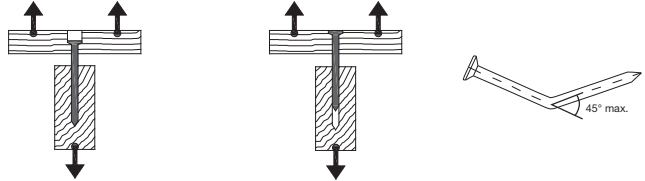
- **Timber-to-Timber**

Finishes	Eurocode 5 Service Class	Label colour on packaging
Stainless Steel A2 - AISI 304 A4 - AISI 316	<b>Service Class 1</b> Indoor use 	Yellow
	<b>Service Class 2</b> Outdoor protected use 	
	<b>Service Class 3</b> Outdoor use 	

### CHARACTERISTIC PARAMETERS

Calculated or tested according to EUROCODE 5

Head pull-through	Withdrawal	Yield moment
$f_{head,k}$ [N/mm <sup>2</sup> ]	$f_{ax,k}$ [N/mm <sup>2</sup> ]	$M_{y,k}$ [Nmm]
13.5	12.6	2 100



- Values are based on a characteristic wood density of 350 kg/m<sup>3</sup>.
- Characteristic parameters must always be reduced to design values by using partial factors.

### NAIL DIMENSIONS\*

Ds (in mm)	Length Lt (in mm)	Lscrew min. (in mm)	Lp max. (in mm)
2.8	45	29.8	4.2
2.8	55	29.8	4.2
2.8	65	44.8	4.2
2.8	75	44.8	4.2

\* In order to select the correct nail length for a given connection please always consult standards and good practice on your local market. Please check availability of the different dimensions in your local product catalogue.

<sup>1</sup> Tolerance according to EN10218-2 for wire diameter and according to EN14592 for the nail length.  
<sup>2</sup> Tolerance ± 0.3 mm.