

# TECHNICAL DATA SHEET

## DUO-FAST®

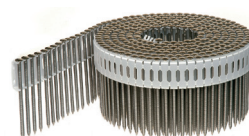
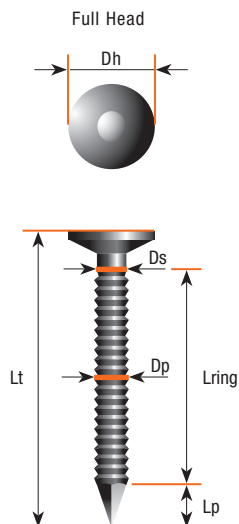
### 0° Coil Nails



<b>DIAMETER</b>	• 2.1
<b>SHANK</b>	• Ring
<b>FINISHES</b>	• Hot Dipped Galvanized
<b>COLLATION</b>	• IN Coil Nails
<b>TOOLS</b>	• CNP50 - CNP65 CNP65.1

### MATERIAL PROPERTIES / DIMENSIONS

- **Tensile strength wire:**  
minimum 700 N/mm<sup>2</sup>
- **Diameter, Shank (Ds)<sup>1</sup>:**  
2.10 mm
- **Diameter, Profile minimum (Dp):**  
2.18 mm
- **Diameter, Head (Dh)<sup>2</sup>:**  
5.25 mm
- **Nail length total (Lt)<sup>1</sup>:**  
35 / 40 / 45 / 50 mm



325 nails per coil

### INTENDED USE - CORROSION PROTECTION

- **Timber-to-Timber**

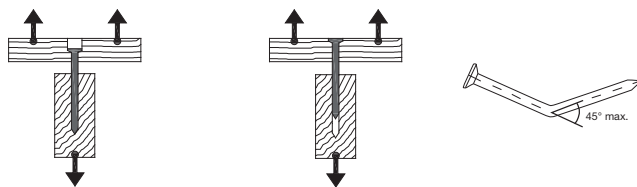


Finishes	Eurocode 5 Service Class	Label colour on packaging
Hot Dipped Galvanized Minimum 55 µm of zinc	<b>Service Class 1</b> Indoor use 	Red
	<b>Service Class 2</b> Outdoor protected use 	
	<b>Service Class 3</b> Outdoor use 	

### 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]
19.81	9.25	1 010



- Values are based on a mean 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)	Lring min. (in mm)	Lp max. (in mm)
2.1	35	17.9	3.2
2.1	40	27.9	3.2
2.1	45	27.9	3.2
2.1	50	27.9	3.2

\* In order to select the correct nail length for a given connection please always consult standards and good practice on your local market.

<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.

<sup>3</sup> Please check availability of the reference in the Product Catalogue.