

TECHNICAL DATA SHEET

DUO-FAST®

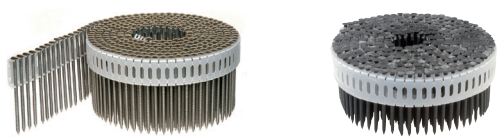
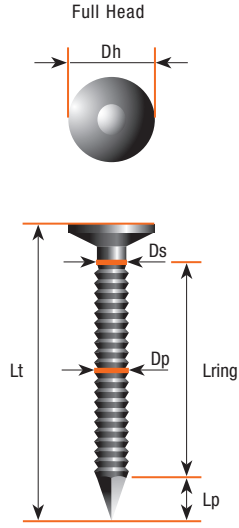
0° Coil Nails



DIAMETER	• 2.5
SHANK	• Ring
FINISHES	• Hot Dipped Galvanized + Paint
COLLATION	• IN Coil Nails
TOOLS	• CNP50 - CNP65 CNP65.1 - CNP75K CNP75K.1 - CNP75.1

MATERIAL PROPERTIES / DIMENSIONS

- **Tensile strength wire:** minimum 700 N/mm²
- **Diameter, Shank (Ds)¹:** 2.50 mm
- **Diameter, Profile minimum (Dp):** 2.63 mm
- **Diameter, Head (Dh)²:** 5.85 mm
- **Nail length total (Lt)¹:** 45 / 50 / 60 / 65 / 70 mm



325 nails per coil

INTENDED USE - CORROSION PROTECTION

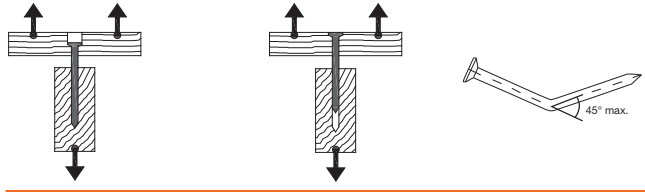
- **Timber-to-Timber**



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

CHARACTERISTIC PARAMETERS "Calculated or tested according to EUROCODE 5"

Head pull-through	Withdrawal	Yield moment
$f_{head,k}$ [N/mm ²]	$f_{ax,k}$ [N/mm ²]	$M_{y,k}$ [Nmm]
25.65	11.56	1 620



- Values are based on a mean characteristic wood density of 350 kg/m³.
- 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)
2.5	45	23.3	3.8
2.5	50	30.3	3.8
2.5	60	30.3	3.8
2.5	65	43.3	3.8
2.5	70	43.3	3.8

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

¹ Tolerance according to EN10218-2 for wire diameter and according to EN14592 for the nail length.
² Tolerance ± 0.3 mm.
³ Please check availability of the reference in the Product Catalogue.