

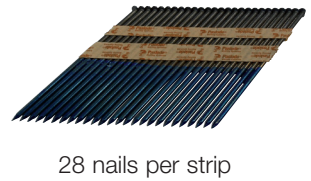
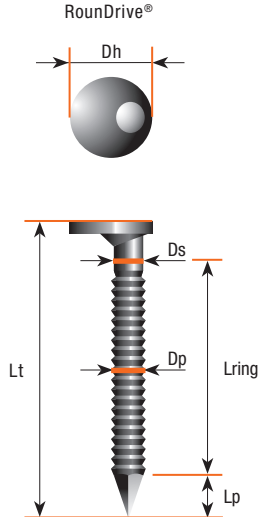
TECHNICAL DATA SHEET



DIAMETER	• 4.2
SHANK	• Ring
FINISHES	• Bright • Hot Dipped Galvanized
COLLATION	• Paper laminated strip nails
TOOLS	• 6512 - 6625

MATERIAL PROPERTIES / DIMENSIONS

- **Tensile strength wire:**
minimum 700 N/mm²
- **Diameter, Shank (Ds)¹:**
4.20 mm
- **Diameter, Profile minimum (Dp):**
4.25 mm
- **Diameter, Head (Dh):**
8.60 mm
- **Nail length total (Lt)¹:**
130 / 160 mm



INTENDED USE - CORROSION PROTECTION

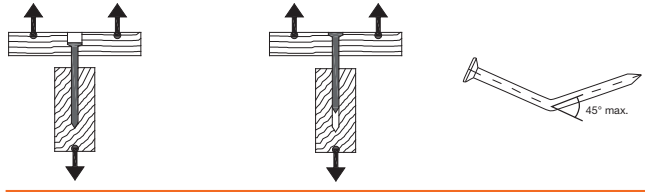
- **Timber-to-Timber**

Finishes	Eurocode 5 Service Class	Label colour on packaging
Bright EN10016-2	Service Class 1 Indoor use	Green
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]
15.90	8.77	8 460



- 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)
4.2	120	48.7	6.3
4.2	130	66.7	6.3

* 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.