

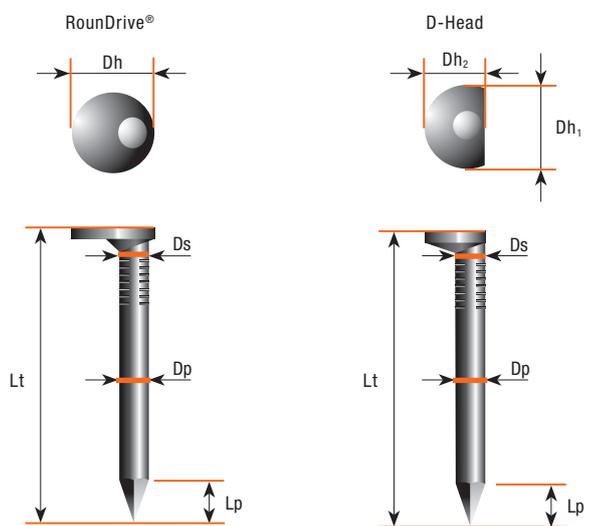
# TECHNICAL DATA SHEET



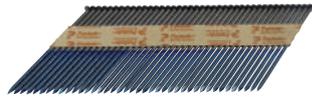
- DIAMETER** • 3.1
- SHANK** • Smooth
- FINISHES** • Hot Dipped Galvanized
- COLLATION** • Paper laminated strip nails
- TOOLS** • PSN90 - PSN100 - PF90  
IM350 - IM90i - IM100i

## MATERIAL PROPERTIES / DIMENSIONS

- **Tensile strength wire:**  
minimum 700 N/mm<sup>2</sup>
- **Diameter, Shank (Ds)<sup>1</sup>:**  
3.10 mm
- **Diameter, Profile minimum (Dp):**  
3.10 mm
- **Diameter, Head (Dh) / (Dh)<sup>1</sup> / (Dh)<sup>2</sup>:**  
6.50 / 7.60 / 5.30 mm
- **Nail length total (Lt)<sup>1</sup>:**  
90 mm



35 nails per strip



37 nails per strip

## INTENDED USE - CORROSION PROTECTION

- **Timber-to-Timber**

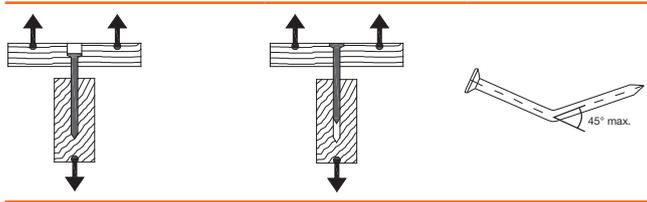


Finishes	Eurocode 5 Service Class	Label colour on packaging
Hot Dipped Galvanized Minimum 55 µm of zinc	<b>Service Class 1</b> Indoor use 	Red 
	<b>Service Class 2</b> Outdoor protected use 	
	<b>Service Class 3</b> Outdoor use 	

## 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]
8.58	2.45	3 979



- 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)	Lp max. (in mm)
3.1	90	4.7

\* 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.