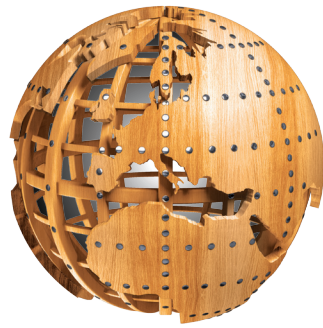


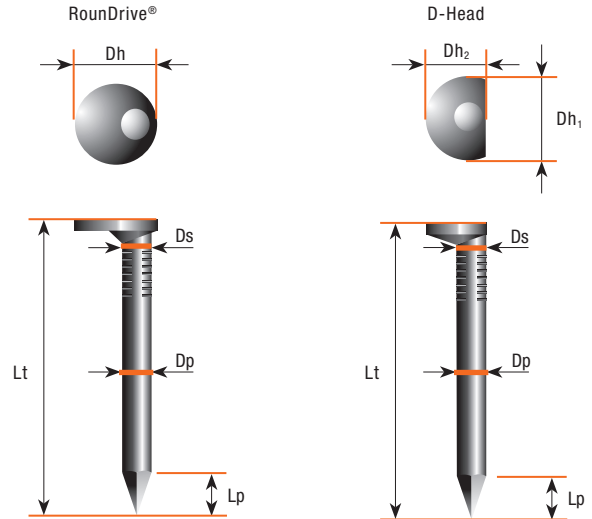
# TECHNICAL DATA SHEET



<b>DIAMETER</b>	• 2.8
<b>SHANK</b>	• Smooth
<b>FINISHES</b>	• GALV-PLUS®
<b>COLLATION</b>	• Paper laminated strip nails
<b>TOOLS</b>	• 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>:**  
2.80 mm
- **Diameter, Profile minimum (Dp):**  
2.80 mm
- **Diameter, Head (Dh) / (Dh)<sup>1</sup> / (Dh)<sup>2</sup>:**  
6.45 / 7.25 / 5.10 mm
- **Nail length total (Lt)<sup>1</sup>:**  
51 / 63 mm



GALV-PLUS®: text in purple

37 nails per strip

43 nails per strip

## INTENDED USE - CORROSION PROTECTION

- **Timber-to-Timber**



Finishes	Eurocode 5 Service Class	Label colour on packaging
GALV-PLUS® Zn/Al coated wire	<b>Service Class 1</b> Indoor use 	Purple
	<b>Service Class 2</b> Outdoor protected use 	

## NAIL DIMENSIONS\*

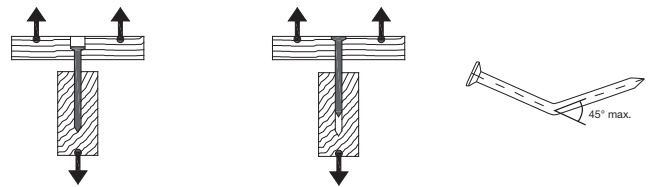
Ds (in mm)	Length Lt (in mm)	Lp max. (in mm)
2.8	51	4.2
2.8	63	4.2

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

## 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	3 054



- 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.

<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.