

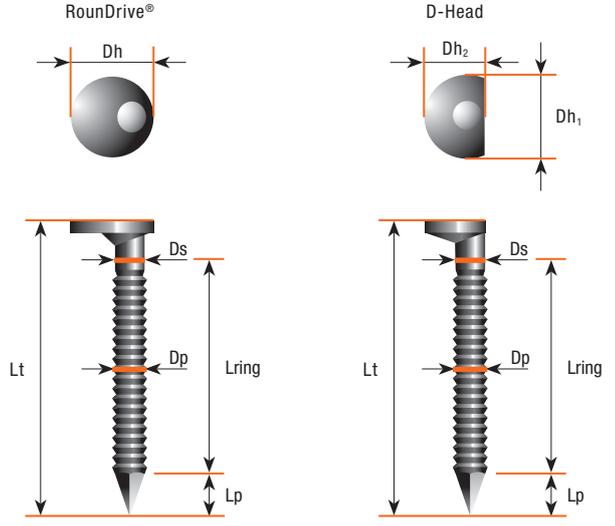
TECHNICAL DATA SHEET



DIAMETER	• 2.8
SHANK	• Ring
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/mm²
- **Diameter, Shank (Ds)¹:**
2.80 mm
- **Diameter, Profile minimum (Dp):**
2.90 mm
- **Diameter, Head (Dh) / (Dh)¹ / (Dh)²:**
6.45 / 7.25 / 5.10 mm
- **Nail length total (Lt)¹:**
50 / 51 / 63 / 75 mm



37 nails per strip



43 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	Service Class 1 Indoor use 	Red
	Service Class 2 Outdoor protected use 	
	Service Class 3 Outdoor use 	

NAIL DIMENSIONS*

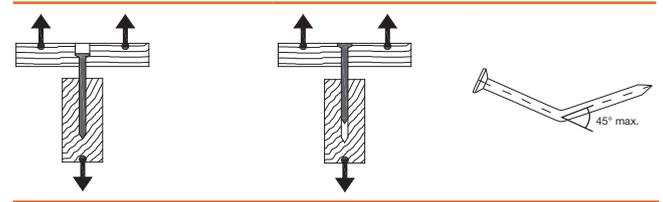
Ds (in mm)	Length Lt (in mm)	Lring min. (in mm)	Lp max. (in mm)
2.8	50	40.0	4.2
2.8	51	41.0	4.2
2.8	63	41.5	4.2
2.8	75	53.5	4.2

* 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 ²]	$f_{ax,k}$ [N/mm ²]	$M_{y,k}$ [Nmm]
20.30	7.49	2 570



- 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.

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.