

# TECHNICAL DATA SHEET

**Paslode®**  
for 34° Tools



|                  |                                                   |
|------------------|---------------------------------------------------|
| <b>DIAMETER</b>  | • 3.1                                             |
| <b>SHANK</b>     | • Ring                                            |
| <b>FINISHES</b>  | • Bright                                          |
| <b>COLLATION</b> | • Paper laminated strip nails                     |
| <b>TOOLS</b>     | • PSN90 - PSN100 - PF90<br>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):**  
3.20 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>:**  
70 / 75 / 80 / 90 mm

## INTENDED USE - CORROSION PROTECTION

- **Timber-to-Timber**



| Finishes            | Eurocode 5<br>Service Class          | Label colour<br>on packaging |
|---------------------|--------------------------------------|------------------------------|
| Bright<br>EN10016-2 | <b>Service Class 1</b><br>Indoor use | Green                        |

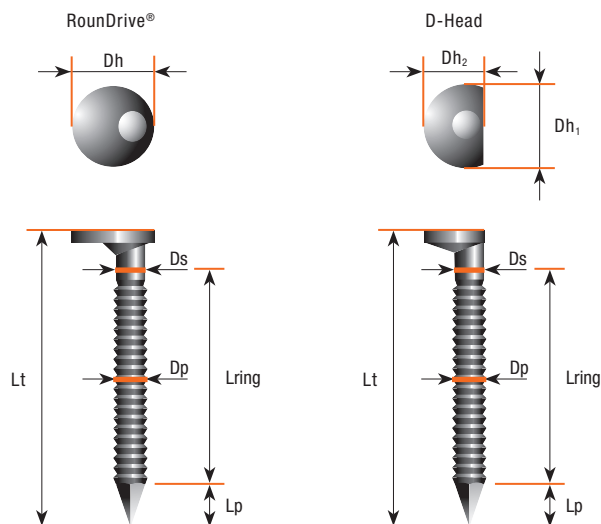
## NAIL DIMENSIONS\*

| Ds<br>(in mm) | Length Lt<br>(in mm) | Lring min.<br>(in mm) | Lp max.<br>(in mm) |
|---------------|----------------------|-----------------------|--------------------|
| 3.1           | 70                   | 47.9                  | 4.7                |
| 3.1           | 75                   | 52.9                  | 4.7                |
| 3.1           | 80                   | 57.9                  | 4.7                |
| 3.1           | 90                   | 65.9                  | 4.7                |

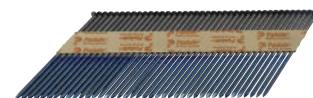
\* In order to select the correct nail length for a given connection please always consult standards and good practice on your local market.

**CE**  
EN 14592

**U**  
No. 3.4.2/53



36 nails per strip

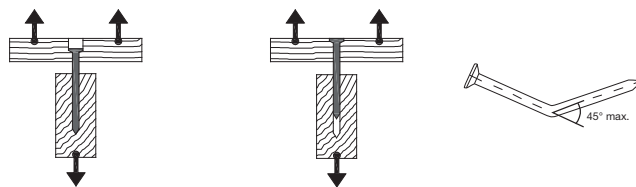


40 nails per strip

## 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] |
| 20.72                             | 10.11                           | 2 936           |



- 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  $\pm 0.3$  mm.

<sup>3</sup> Please check availability of the reference in the Product Catalogue.