

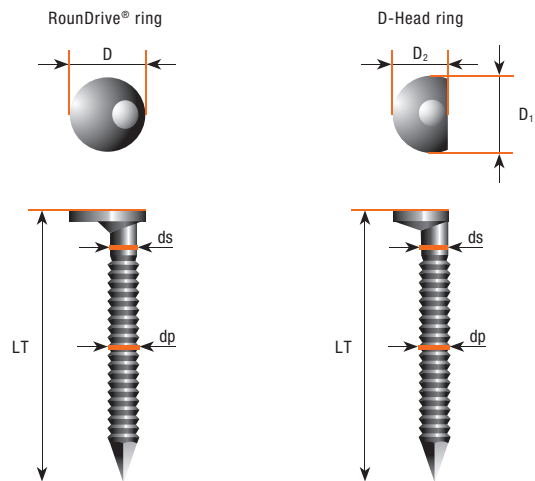
## Paslode Nails Finish: **Stainless Steel**

## Nail type: **3.1mm diameter ring shank** For 30° Tools

<b>DIAMETER</b>	• 3.1
<b>SHANK</b>	• Ring
<b>FINISHES</b>	• Stainless Steel
<b>COLLATION</b>	• Paper laminated strip nails
<b>TOOLS</b>	• PSN90 • PSN100 • IM350 • IM90i





### MATERIAL PROPERTIES

- **Tensile strength wire:** minimum 700 N/mm<sup>2</sup>
- **Shank diameter (ds)¹:** 3.10 mm
- **Profile diameter minimum (dp):** 3.20 mm
- **Head diameter (D-D₁-D₂)²:**
  - > RounDrive®  
D=6.50 mm
  - > D-Head  
D₁=7.60 mm / D₂=5.30 mm
- **Length Range (LT)³:** 80 / 90 mm
- **Number of nails:**
  - > RounDrive®  
36 nails per strip
  - > D-Head  
40 nails per strip



### INTENDED USE - CORROSION PROTECTION

- Wood to wood 

Finishes	Eurocode 5 Service class	Label colour on packaging
Stainless Steel A2 - AISI304	<b>Service Class 1</b> Indoor use  <b>Service Class 2</b> Outdoor protected use  <b>Service Class 3</b> Outdoor use 	Yellow 

### NAIL LENGTHS\*\*

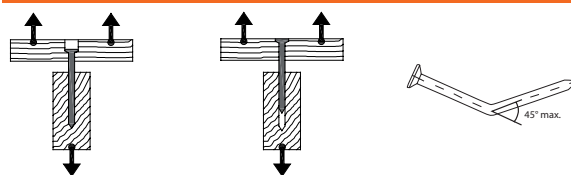
Diam.	Length in mm (LT)	Code for PSN90 / PSN100³	Code for IM350³	Code for IM90i³
3.1	80	-	141266	142050
3.1	90	141018	-	142053

\*\* In order to select the correct nail length for a given connection please always consult standards and good practice on your local market. Please see appendix for an example of national guidelines

### CHARACTERISTIC PARAMETERS

"Calculated or tested according to EUROCODE 5"

Pull-through head	Withdrawal	Yield moment
$f_{head,k}$ [N/mm²]	$f_{ax,k}$ [N/mm²]	$M_{y,k}$ [Nmm]
28.04	6.53	4 092



- Connection load: please see appendix for guidelines how to calculate forces for a given connection including shearing forces
- 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. See appendix for further details

<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