

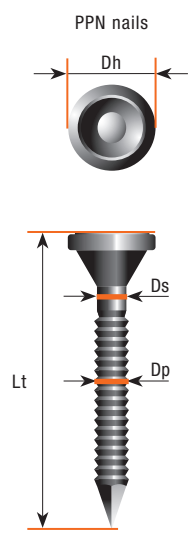
TECHNICAL DATA SHEET



DIAMETER	• 4.0
SHANK	• Ring
FINISHES	• GALV-PLUS® • Hot Dipped Galvanized • Stainless Steel
COLLATION	• Loose nails

MATERIAL PROPERTIES / DIMENSIONS

- **Tensile strength wire:**
minimum 700 N/mm²
- **Diameter, Shank Ds⁽¹⁾:**
4.0 mm
- **Diameter, Profile minimum Dp:**
4.3 mm
- **Diameter, Head Dh⁽²⁾:**
8.0 mm
- **Nail length total Lt⁽¹⁾:**
35 / 40 / 50 / 60 mm



INTENDED USE - CORROSION PROTECTION

- **Steel-to-Timber**

Finishes	Eurocode 5 Service Class	Label colour on packaging
GALV-PLUS® Zn/Al coated wire AISI 1008 - ASTM A510	Service Class 1 Indoor use	Purple ●
	Service Class 2 Outdoor protected use	
HDG AISI 1008 Si - ASTM A510	Service Class 1 Indoor use	Red ●
	Service Class 2 Outdoor protected use	
Stainless Steel A4 - AISI 316	Service Class 3 Outdoor use	Yellow ●

CHARACTERISTIC PARAMETERS

Calculated or tested according to EUROCODE 5

Withdrawal $F_{ax,Rk}$ [N]	Shear capacity	
	$F_{v,Rk}$ [N] Thin plates (0,9 ≤ t < 2 mm)	$F_{v,Rk}$ [N] Thick plates (2 ≤ t ≤ 4 mm)
35 mm: 573	35 mm: 1467	35 mm: 1595
40 mm: 1027	40 mm: 1877	40 mm: 2040
50 mm: 1498	50 mm: 2244	50 mm: 2439
60 mm: 1926	60 mm: 2596	60 mm: 2822



NAIL DIMENSIONS*

Ds (in mm)	Length Lt (in mm)
4.0	35
4.0	40
4.0	50
4.0	60

* In order to select the correct nail length for a given connection please always consult standards and good practice on your local market. Please check availability of the different dimensions in your local product catalogue.

- Values are based on a characteristic wood density of 350 kg/m³.
- Characteristic parameters must always be reduced to design values by using partial factors.
- Values are according to ETA-09/0273.

¹ Tolerance according to EN10218-2 for wire diameter and according to EN14592 for the nail length.
² Tolerance ± 0.3 mm.