

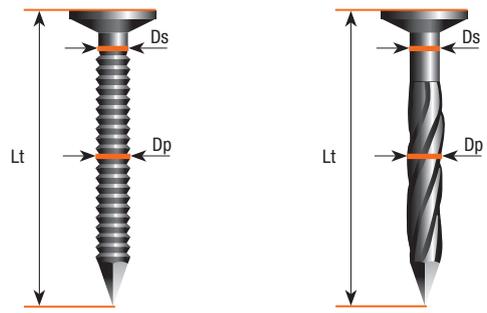
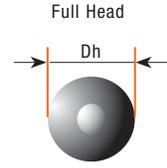
# TECHNICAL DATA SHEET



<b>DIAMETER</b>	• 3.4
<b>SHANK</b>	• Twist • Ring
<b>FINISHES</b>	• Electro Galv. + hardened
<b>COLLATION</b>	• Paper laminated strip nails
<b>TOOLS</b>	• F250 PPN - PPN 35i

## MATERIAL PROPERTIES / DIMENSIONS

- **Tensile strength wire:**  
minimum 700 N/mm<sup>2</sup> (for non hardened nails)  
Hardened minimum; HRC 39-44
- **Diameter, Shank Ds<sup>(1)</sup>:**  
3.4 mm
- **Diameter, Profile minimum Dp:**  
3.76 mm
- **Diameter, Head Dh<sup>(2)</sup>:**  
8.0 mm
- **Nail length total Lt<sup>(1)</sup>:**  
35 mm



23 nails per strip

## INTENDED USE - CORROSION PROTECTION

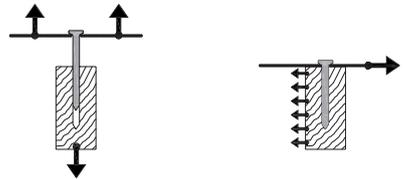
- **Steel-to-Timber**

Finishes	Eurocode 5 Service Class	Label colour on packaging
Electro Galv. 12 µm	<b>Service Class 1</b> Indoor use	Purple
Hardened EN10269	<b>Service Class 2</b> Outdoor protected use	

## CHARACTERISTIC PARAMETERS

Calculated or tested according to EUROCODE 5

Withdrawal	Shear capacity
$F_{ax,Rk}$ [N]	$F_{v,Rk}$ [N] Plate thickness (t ≤ 4 mm)
Twist: 428 Ring: 485	Twist: 988 Ring: 1235



## NAIL DIMENSIONS\*

Ds (in mm)	Length Lt (in mm)
3.4	35

\* 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/m<sup>3</sup>.
- Characteristic parameters must always be reduced to design values by using partial factors.
- Values are according to ETA-09/0273.

<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.