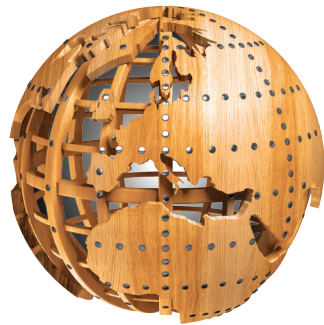


TECHNICAL DATA SHEET



DIAMETER	• 2.8
SHANK	• Ring
FINISHES	• Hot dipped galvanised, Stainless Steel
COLLATION	• GN coil nails
TOOLS	• LCP45, LCP45.1, IM45 GN

MATERIAL PROPERTIES / DIMENSIONS

- **Tensile strength wire:**
minimum 700 N/mm²
- **Diameter, Shank Ds⁽¹⁾:**
2.8 mm
- **Diameter, Profile minimum Dp:**
2.9 mm
- **Diameter, Head Dh⁽²⁾ / Head area A_h:**
7.1 mm / 39 mm²
- **Nail length total Lt⁽¹⁾:**
25 (HDG, A2) / 32 (A2) mm

INTENDED USE - CORROSION PROTECTION

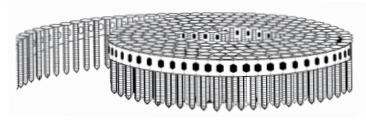
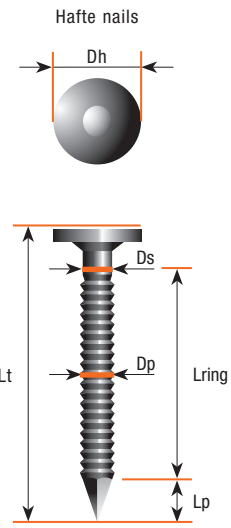
- Steel-to-Timber

Finishes	Eurocode 5 Service Class	Label colour on packaging
Hot Dipped Galvanized Minimum 55 µm of zinc AISI 1008 Si - ASTM A510	Service Class 1 Indoor use	Red ●
Stainless Steel A2 - AISI 304	Service Class 2 Outdoor protected use	Yellow ●
	Service Class 3 Outdoor use	

NAIL DIMENSIONS*

Ds (in mm)	Length Lt (in mm)	Lscrew min. (in mm)	Lp max. (in mm)
2.8	25	15	3.1
2.8	32	21.9	3.1

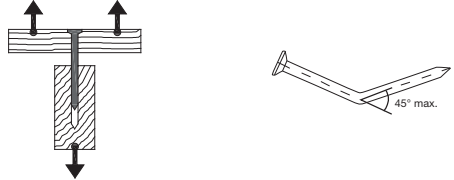
* In order to select the correct nail length for a given connection please always consult standards and good practice on your local market. Please check availability of the different dimensions in your local product catalogue.



CHARACTERISTIC PARAMETERS

Calculated or tested according to EUROCODE 5

Withdrawal	Yield moment
f_{ak} [N/mm ²]	$M_{y,k}$ [Nmm]
HDG: 8.3 A2: 12.1	HDG: 1 950 A2: 2 950



- 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.

¹ Tolerance according to EN10218-2 for wire diameter and according to EN 14592 for the nail length.
² Tolerance ± 0.3 mm