

Staple type: BS 29000
 14 GAUGE STAPLES WIDE CROWN
 Wire Ø: 2.00mm



Suitable for the following tools*:

haubold PN 29130 (D)
 PN 29150 D
 PN 29180 (D)

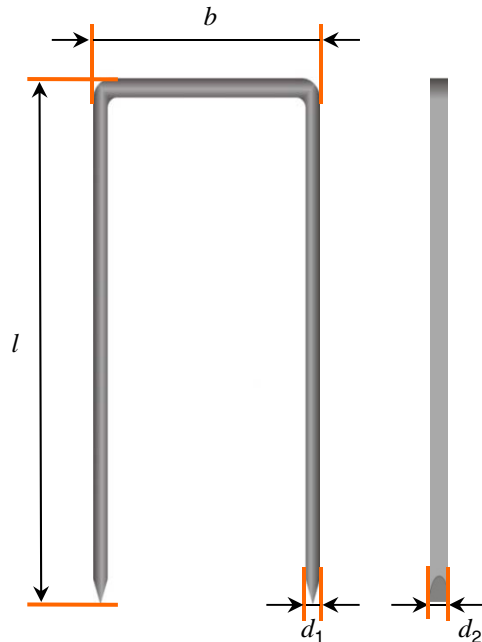
*please check staple length compatibility with each tool before use

Staple lengths available: 65mm – 130mm
 for >130mm see separate data sheet

Staples per strip: 40

CORROSION PROTECTION

Finish	Usage Environment	Label Colour on Packaging
Zinc Galv 12µm	Service Class 1 & 2 INDOOR & COVERED OUTDOOR	Purple
Stainless Steel A2 AISI 304 / WNr 1.4301	Service Class 1,2 & 3 INDOOR, COVERED OUTDOOR & OUTDOOR	Yellow



EN 14592:2008
 +A1:2012



DIN 1052



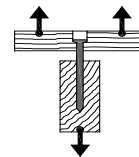
Chisel Point
 "C"

STAPLE PROPERTIES / DIMENSIONS

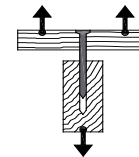
Tensile strength of wire: min 900 N/mm²
 Nominal diameter (*d*): 2.00mm
 Flattened wire dimension: (*d*₁): 1.77mm
 (*d*₂): 2.08mm
 Outside crown width (*b*): 27.00mm
 Strip length: approx 85.20mm
 Standard point: "C"
 Coating type: Type 3, staple cement from Dr. Schmid
 Coated leg length: ≤ 85mm = Full
 > 85mm = *l* - 30mm

CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through
 $f_{head,k}$ [N/mm²]
 25,50



Withdrawal
 $f_{ax,k}$ [N/mm²]
 5,10



Yield moment
 $M_{y,Rk}$ [Nmm]
 1040



- To obtain characteristic head pull-through capacity multiply parameter by outside crown width *b* and nominal diameter *d*
- For withdrawal capacity multiply parameter by base material embedment and nominal diameter *d* for each staple leg
- Values based on characteristic wood density of 350kg/m³ and on crown angle of ≥ 30° to the grain

Minimum embedment in base member is 14 times the diameter.
 See Eurocode 5 for complete rules on designing timber connections.

STAPLE LENGTHS AVAILABLE*

Finish	Lengths Available *Other lengths on request
Zinc Galv 12µm	65mm, 75mm, 100mm, 110mm, 120mm, 130mm
Stainless Steel A2 AISI 304 / WNr 1.4301	65mm, 75mm, 85mm, 100mm, 110mm, 120mm, 130mm

Zinc Galv 12µm staples are produced from non-alloy steel rods according to EN ISO 16120; Stainless Steel A2 staples are produced from austenitic stainless steel rods according to EN 10088.

haubold is a brand of the ITW Group. ITW reserves the right to change specification without notice. All design using this data should be carried out by a qualified structural engineer, subject to relevant National and European standards or regulations.