

Staple type: SD 91050
 14 GAUGE STAPLES MEDIUM CROWN
 Wire Ø: 2.00mm



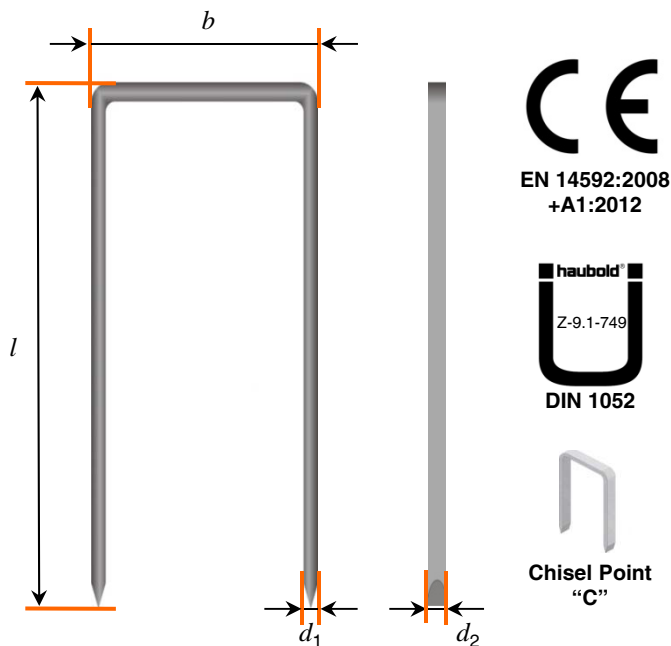
Suitable for the following tools*:

haubold PN 9180 XII
 PN 91120 D
 Toolmatic S540 / S640

Staple lengths available: 50mm
 Staples per strip: 58

CORROSION PROTECTION

Finish	Usage Environment	Label Colour on Packaging
Zinc Galv 12µm	Service Class 1 & 2 INDOOR & COVERED OUTDOOR	Purple



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*): 11.76mm
 Strip length: app 120.64mm
 Standard point: "C"
 Coating type: Type 3, staple cement from Dr. Schmid
 Coated leg length: Full

CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through <i>f</i> _{head,k} [N/mm ²]	Withdrawal <i>f</i> _{ax,k} [N/mm ²]	Yield moment <i>M</i> _{y,Rk} [Nmm]
25,50	5,10	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.

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.