



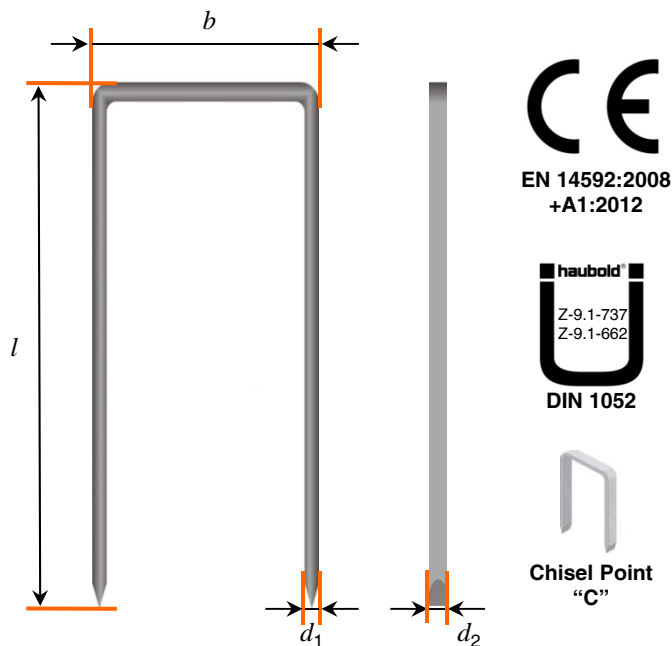
Staple type: **KG 700**
16 GAUGE STAPLES MEDIUM CROWN
 Wire Ø: **1.53mm**

Suitable for the following tools*:

haubold PN 750 A, PN 755 (XI) A
 PN 764 XII, PN 765 (A)
 PN 775 XII
 Duo-Fast SM-7648 / 7664, HDS-7650 / 7665
 Toolmatic S540.4710
**please check staple length compatibility with each tool before use*
 Staple lengths available: **30mm – 75mm**
 Staples per strip: **75**

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



STAPLE PROPERTIES / DIMENSIONS

Tensile strength of wire: min 900 N/mm²
 min 1400 N/mm²
 Nominal diameter (d): 1.53mm
 Flattened wire dimension: (d₁): 1.34mm
 (d₂): 1.60mm
 Outside crown width (b): 11.25mm
 Strip length: approx 121.50mm
 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 f _{head,k} [N/mm ²]	Withdrawal f _{ax,k} [N/mm ²]	Yield moment M _{y,Rk} [Nmm]
35,80	5,10	470

- 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	30mm, 35mm, 40mm, 45mm, 50mm 70mm, 75mm
Stainless Steel A2 AISI 304 / WNr 1.4301	30mm, 38mm, 40mm, 45mm, 50mm 60mm, 64mm

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.

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