



Staple type: BK 2500
16 GAUGE STAPLES WIDE CROWN

Wire Ø: 1.53mm

Suitable for the following tools*:

haubold PN 2550 A
PN 2575 A/HWL

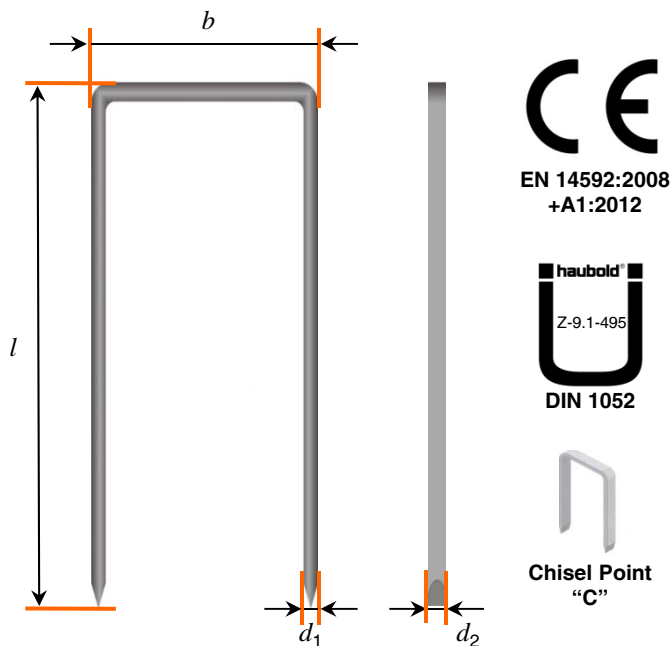
*please check staple length compatibility with each tool before use

Staple lengths available: 50mm – 75mm

Staples per strip: 52

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 1400 N/mm ² min 900 N/mm ² A2
Nominal diameter (d):	1.53mm
Flattened wire dimension:	(d ₁): 1.39mm (d ₂): 1.58mm
Outside crown width (b):	26.00mm
Strip length:	approx 84.20mm
Standard point:	“C”
Coating type:	Type 3, staple cement from OCO
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	430

- 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 $\geq 30^\circ$ 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
Stainless Steel A2 AISI 304 / WNr 1.4301	50mm, 65mm, 75mm

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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