haubold®

Technical Data

401a

Staple type: KG 700
16 GAUGE STAPLES MEDIUM CROWN

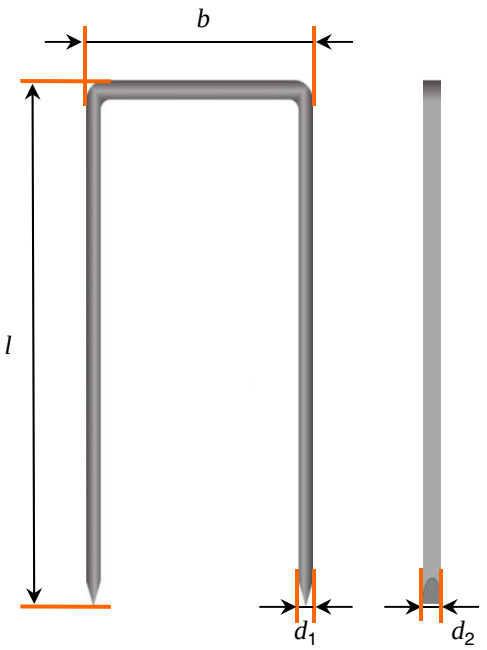
Wire Ø: 1.53mm

Suitable for the following tools*:

haubold	PN 755 (XI) A, PN 764 XII
	PN 765 (A), PN 775 XII
Duo-Fast	SM-7664, HDS-7665

please check staple length compatibility with each tool before use

Staple lengths available: 55mm – 64mm
Staples per strip: 75



EN 14592:2008
+A1:2012

haubold
Z-9.1-495
DIN 1052

Chisel Point
"C"

CORROSION PROTECTION

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

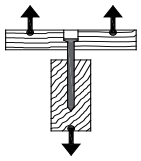
STAPLE PROPERTIES / DIMENSIONS

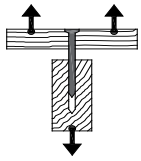
Tensile strength of wire:	min 900 N/mm²
Nominal diameter (d):	1.53mm
Flattened wire dimension:	(d_1): 1.39mm (d_2): 1.58mm
Outside crown width (b):	11.25mm
Strip length:	approx 121.50mm
Standard point:	"C"
Coating type:	Type 3, staple cement from Cetelon
Coated leg length:	Full

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.

CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm²]	Withdrawal $f_{ax,k}$ [N/mm²]	Yield moment $M_{y,Rk}$ [Nmm]
29,00	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 ≥ 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	55mm, 64mm