

Declaration of Performance

No. **836090**

1. Product type:

Søm iht. EN14592

Nail according to EN14592

Nagel nach EN14592

2. Unique identification code of the product-type:

TJEP CN31/90 ringsøm HDG No. 836090

3. Intended use or uses of the construction product,

Fastener for use in load bearing timber structures

4. Name, registered trade mark and homepage of the manufacturer

Kyocera Unimerco Fastening



WWW.TJEP.EU

5. Where applicable, name and contact address of the authorised representative:

N/A

6. System or systems of assessment and verification of constancy of performance of the construction product (AVCP):

System 3

7. Name and identification number of the notified body:

VTT NB 0809 performed ITT under **System 3** and issued:

Rapport # VTT-S-00640-15

8. Declared performance

Essential characteristics	Performance	Harmonised technical specification
My,k [N/mm]	3120	EN409
fax,k [N/mm²]	10,7	EN 1382 ρk = 350 kg/m³
fhead,k [N/mm²]	33,8	EN 1383 ρk = 350 kg/m³
ftens,k [kN]	NPD	EN 1383
Nutzungsklasse = 3	min. 50 μm	Corrosion protection Varmgalv, HDG, Feuerverzinkt EN 1461

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

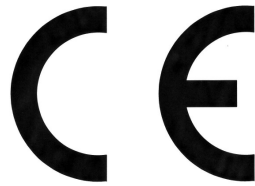
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

01-03-2015 Sunds Denmark



Ebbe Hornstrup - Technical Manager



www.tjep.eu

KYOCERA UNIMERCO Fastening A/S

Drejervej 2

DK-7451 Sunds

15

EN14592:2008+A1:2012

Part#: 836090

Søm iht. EN14592
Nail according to EN14592
Nagel nach EN14592

Valset tråd fremstillet af ulegeret stål iht. EN 16120-3:2011.
Karakteristisk brudstyrke/stålstyrke (f_u) i overensstemmelse med EN 10218-2 745 N/mm²

Material: Rolled wire made from unalloyed steel according to EN 16120-3:2011.
Characteristic tensile strength (f_u) in accordance with EN 10218-2 745 N/mm²

Werkstoff: Walzdraht aus unlegiertem Stahl nach EN 16120-3:2011.
Charakteristische Zugfestigkeit von Draht (f_u) nach EN 10218-2 745 N/mm²

Dimensioner	d = 3,1 mm
Dimensions	Ah = 38,50 mm ²
Abmessungen	l = 90 mm
	l _g = 40 mm
	l _p = 4,5 mm



Mekaniske styrkeparametre
Mechanical strength and stiffness
Mechanische Festigkeit und Steifigkeit

$M_{y,k}$	3120 Nmm
$f_{ax, k}$	10,7 MPa ($\rho_k = 350 \text{ kg/m}^3$)
Coating type	1
$f_{head,k}$	33,8 Nmm²
$f_{tens,k}$	NPD kN

Holdbarhed (dvs. korrosionsbeskyttelse) Durability (i.e. corrosion protection) Dauerhaftigkeit (d.h. Korrosionsschutz)	Varmgalv, HDG, Feuerverzinkt
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Serviceklasse (EN1995-1-1) Service class (EN1995-1-1) Nutzungs klasse (EN1995-1-1)	3
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