

## Declaration of Performance

No. **836050**

1. Product type:

**Søm iht. EN14592**

**Nail according to EN14592**

**Nagel nach EN14592**

2. Unique identification code of the product-type:

**TJEP CN25/50 ringsøm HDG No. 836050**

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
<b>My,k [N/mm]</b>	<b>1570</b>	<b>EN409</b>
<b>fax,k [N/mm<sup>2</sup>]</b>	<b>5,2</b>	<b>EN 1382</b> <b>ρk = 350 kg/m<sup>3</sup></b>
<b>fhead,k [N/mm<sup>2</sup>]</b>	<b>25,3</b>	<b>EN 1383</b> <b>ρk = 350 kg/m<sup>3</sup></b>
<b>ftens,k [kN]</b>	<b>NPD</b>	<b>EN 1383</b>
<b>Nutzungsklasse = 3</b>	<b>min. 50 μm</b>	<b>Corrosion protection</b> <b>Varmgalv, HDG, Feuerverzinkt</b> <b>EN 1461</b>

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**



KYOCERA UNIMERCO Fastening A/S  
Drejervej 2  
DK-7451 Sunds

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EN14592:2008+A1:2012

Part#: 836050

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 10218-2 790 N/mm<sup>2</sup>

Material: Rolled wire made from unalloyed steel according to EN 16120-3:2011.  
Characteristic tensile strength ( $f_u$ ) in accordance with EN 10218-2 790 N/mm<sup>2</sup>

Werkstoff: Walzdraht aus unlegiertem Stahl nach EN 16120-3:2011.  
Charakteristische Zugfestigkeit von Draht ( $f_u$ ) nach EN 10218-2 790 N/mm<sup>2</sup>

<b>Dimensioner</b>	d = 2,5 mm
<b>Dimensions</b>	Ah = 29,20 mm <sup>2</sup>
<b>Abmessungen</b>	l = 50 mm
	lg = 25 mm
	lp = 3,5 mm



**Mekaniske styrkeparametre**  
**Mechanical strength and stiffness**  
**Mechanische Festigkeit und Steifigkeit**

My,k	1570 Nmm
f <sub>ax</sub> , k	5,2 MPa ( $\rho_k = 350 \text{ kg/m}^3$ )
Coating type	1
f <sub>head</sub> ,k	25,3 Nmm <sup>2</sup>
f <sub>tens</sub> ,k	NPD kN

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