



## Declaration of Performance (UK)

DOP#: 841899-2

1. Product type: TJEP MF-14 150mm klammer Rustfri A2
2. Identification code: 841899
3. Intended use or uses of the construction product: Construction staple for structural timber products
4. Manufacturer: Kyocera Unimerco Fastening A/S, Drejervej 2, DK-7451 Sunds
5. System of assessment and verification of constancy of performance: System 3
6. TAB : Technický a zkušební ústav stavební Praha, s.p.
7. Report no. ETA 19/0334 according to EAD 1300019-00-0603. Year: 2023.
8. Declared performance (for explanation see point 10)

Væsentlige egenskaber	Ydeevne	
$M_{y,k}$ [Nmm]	1410	
$f_{ax,k}$ [N/mm <sup>2</sup> ]	5,81	@ $\rho_k = 350 \text{ kg/m}^3$
$f_{head,k}$ [N/mm <sup>2</sup> ]	29,64	@ $\rho_k = 350 \text{ kg/m}^3$
$R_{ax,k}$	70 N with $\gamma_M = 1,3$	@ $\rho_k = 350 \text{ kg/m}^3$
Service class: 3	A2	Corrosion protection: Rustfri, Stainless, Rostfrei EN1995-1-1
Non-alloy steel rods according to EN 10088-(all parts)		$f_u$ : > 900 N/mm <sup>2</sup>
a, c: 1,77 x 2,08 mm	l: 150 mm	t <sub>3</sub> : 150,0 mm
As: 3,34 mm <sup>2</sup>	b: 26,7 mm	Reaction to fire: Class A1

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 18-11-2023 for and on behalf of the manufacturer by:



Ebbe Hornstrup – Operations Director

10.

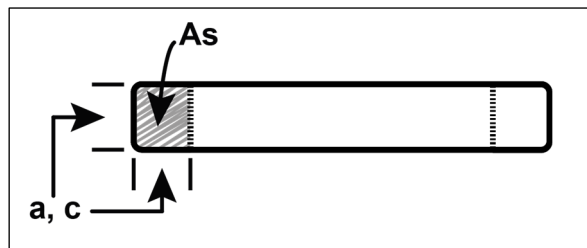
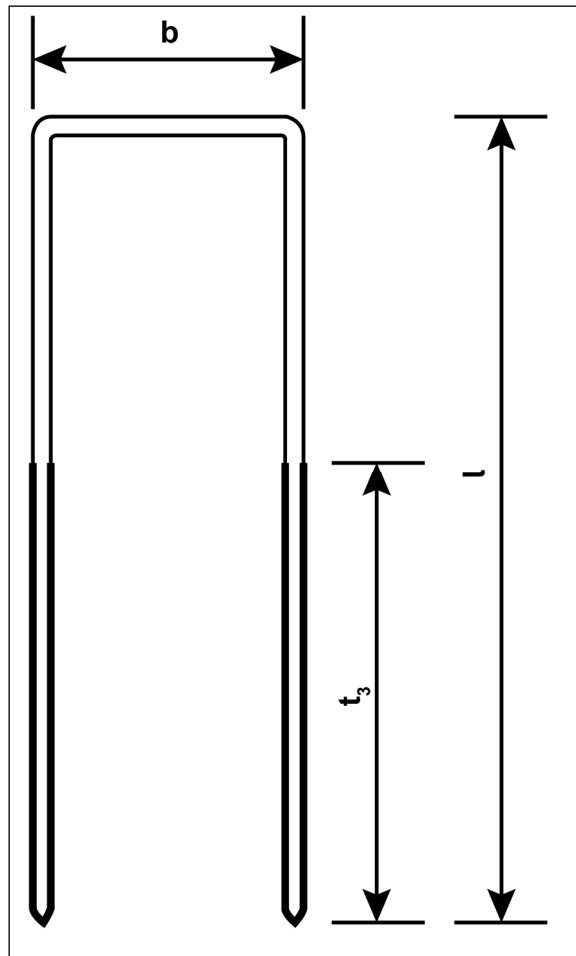
$M_{y,k}$



$f_{ax,k} - R_{ax,k}$



$f_{head,k}$



## Declaration of Performance (UK)

**DOP # 841899-1**

1. Product type:

**Dowel type fastener according to EN 14592**

2. Unique identification code of the product-type:

**TJEP MF-14 klammer 150 mm, m/lim RF A2 No. 841899**

3. Intended use or uses of the construction product,

**Fastener for use in load bearing timber structures**

4. Name, registered trademark and homepage of the manufacturer

**Kyocera Unimerco Fastening**



**WWW.TJEP.EU**

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

**STROJIRENSKY ZKUSEBNI USTAV NB 1015 performed ITT under System 3 and issued:**

**Rapport # CPR-J-0215-22**

8. Declared performance

Essential characteristics	Performance	Harmonised technical specification
<b>M<sub>y,k</sub> [Nmm]</b>	<b>1462</b>	EN409
<b>f<sub>ax,k</sub> [N/mm<sup>2</sup>]</b>	<b>4,68</b>	EN 1382 <b>ρ<sub>k</sub> = 350 kg/m<sup>3</sup></b>
<b>f<sub>head,k</sub> [N/mm<sup>2</sup>]</b>	<b>0° = 18,04</b> <b>90° = 26,12</b>	EN 1383 <b>ρ<sub>k</sub> = 350 kg/m<sup>3</sup></b>
<b>f<sub>tens,k</sub> [kN]</b>	<b>NPD</b>	EN 1383
<b>Serviceclass = 3</b>	<b>A2</b>	<b>Corrosion protection</b> <b>RF, SS, RF</b> <b>EN 10088-1</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:

**01-02-2021 Sunds Denmark**



**Ebbe Hornstrup – Operations Director**



## Declaration of Performance

No. **841899**

1. Product type:

**Klamme iht. EN14592**

**Staple according to EN14592**

**Klammer nach EN14592**

2. Unique identification code of the product-type:

**TJEP MF-14 klammer 150 mm, m/lim RF A2 No. 841899**

3. Intended use or uses of the construction product,

**Befæstigelsesmateriel til brug i bærende trækonstruktion**

**Fastener for use in load bearing timber structures**

**Verbindungsmitteln zum Einsatz in tragenden Holzbauwerken**

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

**Kyocera Unimerco Fastening**

**TJEP**

**[www.tjep.eu](http://www.tjep.eu)**

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

Ikke relevant, N/A, Nicht verwendet

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:

**NB 1503 VHT** performed

**ITT** under

**System 3**

and issued:

**Rapport # PB-603\_12-2,01-14g-V2A**

8. Declared performance

Essential characteristics	Performance	Harmonised technical specification
My,k	1436 Nmm	EN 409
fax,k	4,68 MPa (N/mm <sup>2</sup> )	EN 1382 coatingklasse, coating class 3 $\rho_k = 350 \text{ kg/m}^3$
fhead,k	37 N/mm <sup>2</sup>	EN 1383 $\rho_k = 350 \text{ kg/m}^3$
ftens,k	NPD	
Serviceklasse, Service class, Nutzungsklasse = 3	A2	Korr. Protection Rustfri, Stainless steel, Rostfrei EN 10088-1

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:

**Ebbe Hornstrup - Technical Manager**



**30-06-2013 Sunds Denmark**