



Declaration of Performance (UK)

DOP#: 839350-1

1. Product type: TJEP MX 21/50 ringsøm rustf. A4
2. Identification code: 839350
3. Intended use or uses of the construction product: Round cross-sectional ring shank nails 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. Notified body: VHT, NB 1503
7. Report no. PB-777-23-Baussmann-2,1rf-ring-230728 according to System 3 and according to EN 14592:2008+A1:2012-08. Year: 2023
8. Declared performance (for explanation see point 10)

Essential characteristics	Performance	Harmonised technical specification
$M_{y,k}$ [Nmm]	1201	EN409
$f_{ax,k}$ [N/mm ²]	8,11	EN 1382 $\rho_k = 350 \text{ kg/m}^3$
$f_{head,k}$ [N/mm ²]	24,24	EN 1383 $\rho_k = 350 \text{ kg/m}^3$
$f_{tens,k}$ [kN]	NPD	EN 1383
Service class: 3	A4	Corrosion protection: A4 RF, SS, RF EN1995-1-1
Austenitic stainless steel according to EN10088-1		$f_u > 600 \text{ N/mm}^2$
d: mm	l: 50 mm	Ah: 18,10 mm ²
lg: 37,0 mm	lp: 2,25 mm	Coating type: no coating

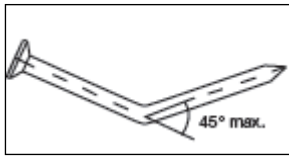
9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed 15-06-2023 for and on behalf of the manufacturer by:

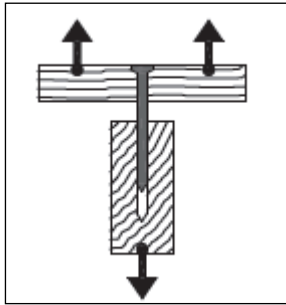
Ebbe Hornstrup – Operations Director

10.

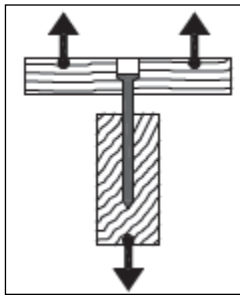
M_y, k



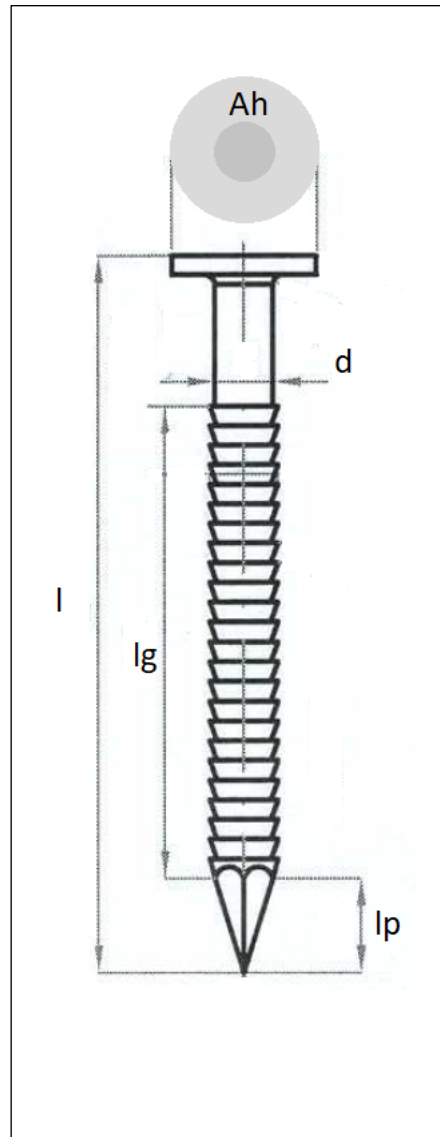
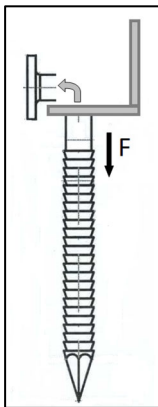
$f_{ax, k}$



$f_{head, k}$



$f_{tens, k}$



Declaration of Performance (UK)

DOP # 839350

1. Product type:

Dowel type fastener according to EN 14592

2. Unique identification code of the product-type:

TJEP MX 21/50 ringsøm rustf. A4 No. 839350

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:

VHT NB 1503 performed ITT under System 3 and issued:

Rapport # 417-10/2,1 stainless steel

8. Declared performance

Essential characteristics	Performance	Harmonised technical specification
M_{y,k} [Nmm]	1160	EN409
f_{ax,k} [N/mm²]	7,28	EN 1382 ρ_k = 350 kg/m³
f_{head,k} [N/mm²]	12,96	EN 1383 ρ_k = 350 kg/m³
f_{tens,k} [kN]	NPD	EN 1383
Serviceclass = 3	A4	Corrosion protection A4 RF, SS, RF 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:

30-06-2013 Sunds Denmark



Ebbe Hornstrup – Operations Director