Strojírenský zkušební ústav, s. p., Brno, Česká republika
Engineering Test Institute, Brno, Czech Republic

CERTIFICATE

Number: **J-30-20061-12**

Producer:	HERCO Sp. z o.o. Cielądz 28 C 96-214 CIELĄDZ, POLAND
Product, Type/Model/Specification:	Ring nails - ø (2,1; 2,3; 2,5; 2,8; 3,1) mm - steel wire, material: SAE 1008
Product identification and the initial-type testing find:	see Annex 1 (page 2)
Base of certificate:	Initial Type Test Final Report No. 30-9608 dated 2012-02-15
Standard applied:	EN 14592:2008, Tab. ZA.1

The Engineering Test Institute confirms that performed the initial-type testing of the said product according to the requirement stated in Directive 89/106/EEC, Annex III, (2) (ii), second possibility (corresponds with Government Order No. 190/2002 Coll. § 5 art. 1 let. b). Final Report containing Initial Type-Testing findings and data on product identification.

Brno, Date 2012-02-16

STROJÍRENSKÝ ZKUŠEBNÍ ÚSTAV, s.p. CZ

Tomáš Hruška
Director

HERCO Ltd
96-214 Cielądz 28c Poland
T+48 46 814 58 92-96
F+48 46 814 58 90-91
e-mail: info@herco.com.pl

Partner of the FastHercoGroup

DECLARATION OF PERFORMANCE

Nr H-30-9608

1. Unique identification code of the product-type: 2,1 - 3,1 AR

2. Serial number 2,1 - 3,1 AR

3. Intended use or uses of the construction product in accordance with the applicable harmonised technical specification as foreseen by the manufacturer:

Nails for structural timber products

4. Name, registred trade name or registred trade mark and contact adress of the manufacturer as required pursuant to article 11(5):

HERCO Sp. z o.o.
Cielądz 28C, 96-214 Cielądz, Polska

6. System or systems of assessment and verification of constancy of performance of the costruction product as set out in Annex 5: 3

7. STROJIRENSKY ZKUSEBNI USTAV, s.p. Tovarni 5, 466 21 JABLONEC nad Nisou, Czech Republic, Notified body 1015

Performed	Initial type test
under system	3
and issued	Initial type test final report No. 30-9608

9. Declared performance:
HARMONISED TECHNICAL SPECIFICATION: EN 14592:2008 + A1:2012

Product	Lenght [mm]	Yeld moment $M_{y,k}$ [Nmm]	Withdrawal parameter $f_{ax,90,k}$ [N/mm^2]	Withdrawal parameter $f_{ax,0,k}$ [N/mm^2]	Head pull-through $f_{head,k}$ [N/mm^2]	Tensile capacity $f_{tens,k}$ [kN]
2,1 mm RING	25-60	1444	13,74	4,35	50,59 [1]	1,85
2,3 mm RING	30-65	1649	15,27	3,97	44,30 [2]	2,52
2,5 mm RING	25-75	2241	15,89	4,16	42,72 [2]	3,11
2,8 mm RING	30-90	3235	17,49	8,73	43,52 [2]	4,19
3,1 mm RING	45-100	4472	17,82	7,34	40,57 [2]	5,17
Density of wood [kg/m^3]	-	-	415	415	[1] 553, [2] 515	-
Durability (corrosion protection):	> Without coating or standard galvanization 8µ (Service class 1 acc. to EN 1995-1-1), > Galvanization minimum 12µ (Service class 2 acc. to EN 1995-1-1), > Hot dip galvanization minimum 55µ (Service class 3 acc. to EN 1995-1-1)					

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

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:

Marcin Skóra, Director
2014-04-01, Cielądz, Polska