

**HF 0233.30.02EN**

Issued in accordance with the Construction Products Directive (CPD) 305/2011/EU.

Hoenderdaal Fasteners bv hereby declares that the products mentioned below comply with the requirements of:

**EN 14592 2008+A1 2012 – Timber structures - Dowel-type fasteners**

1. Unique identification code of the product-type:

**0233.30**

2. Type or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

**See annex 1 to this document**

3. Intended uses of the construction product, in accordance with the applicable harmonized technical specification as foreseen by the manufacturer:

Type	<b>Universalscrews stainless steel A2 panhead pozi</b>
Material	<b>Stainless steel A2 AISI-304</b>
Corrosion protection	<b>NPD</b>
Service class	<b>Service class 3 according to EN 1995-1-1</b>
Fire resistance	<b>NPD</b>
Reaction to fire	<b>Classification A1 according to EN13501-1</b>
Intended use	<b>Self-tapping screws for use in timber structures</b>

4. Name, registered trade name or registered trademark and contact address of the manufacturer as required pursuant to Article 11 (5):

**Hoenderdaal Fasteners bv – Wageningse laan 18 – 3903 LA Veenendaal – The Netherlands**

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12 (2):

**Not relevant**

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

**System 3**

7. In case of the declaration of performance concerning a construction product covered by a harmonized

**Standard** NEN-EN 14592:2008+A1:2012  
**Performed by** SHR NB2590  
Nieuwe Kanaal 9c  
6709 PA Wageningen  
The Netherlands  
**Under systeem** 3  
**And issued** Initial type test reportcode ITT.13.0555

8. In case of the declaration of performance concerning a construction product for which European Technical Assessment has been issued:

**Not relevant**

9. Declared performance:

Essential characteristics	Design Method	Ø 2,5	Ø 3,0	Ø 3,5	Ø 4,0	Ø 4,5	Ø 5,0	Ø 6,0	Ø 8,0	Harmonised technical specifications
MECHANICAL STRENGTH AND STIFFNESS										NEN EN-14592 2008+A1:2012
a) Characteristics yield moment $M_{y,k}$ [Nmm]	EN 409	NPD	NPD	NPD	2456	2961	3991	4695	6811	
b) Characteristics withdrawal parameter	EN 1382	NPD	NPD	NPD	21,1	19,3	19,6	16,5	NPD	
Wood Density:		Spruce 450 kg/m <sup>3</sup> WMC 13%								
c) Characteristics head pull-through parameter [N/mm <sup>2</sup> ]	EN 1383	NPD	NPD	NPD	45	NPD	NPD	37,6	NPD	
Wood density:	EN 314 class 3	Okoume plywood, 18mm, 525 kg/m <sup>3</sup>								
d) Characteristics tensile capacity $f_{tens,k}$ [kN]	EN 1383:1999	NPD	NPD	NPD	3,7	4,08	5,29	8,09	NPD	
e) Characteristics torsional ratio:	EN ISO 10666:1999	NPD	NPD	NPD	3,3	3,5	3	4,5	NPD	
Wood Density:		Spruce 450 kg/m <sup>3</sup> WMC 13%								
DURABILITY	EN 1995-1-1 ISO 2081	Service class 3								

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:



Bart Veldhuizen  
Product Manager

Veenendaal  
05-11-2015

Company stamp

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# DECLARATION OF PERFORMANCE

DOP



## ANNEX 1

Art nr screws	Discription Dutch	D	L	Art nr	Art nr	Art nr	Art nr
5233.30.12700	RVS.SPAANPLAATSCHROEF CK.PZ. 3.0X16	3	16	134.030.016	146.030.016	305.130.016	446.030.016
5233.30.13000	RVS.SPAANPLAATSCHROEF CK.PZ. 3.0X20	3	20	134.030.020	146.030.020	305.130.020	446.030.020
5233.30.13100	RVS.SPAANPLAATSCHROEF CK.PZ. 3.0X25	3	25		146.030.025	305.130.025	446.030.025
5233.30.13200	RVS.SPAANPLAATSCHROEF CK.PZ. 3.0X30	3	30		146.030.030		
5233.30.16700	RVS.SPAANPLAATSCHROEF CK.PZ. 3.5X16	3,5	16	134.035.016	146.035.016	305.135.016	434.035.016
5233.30.17000	RVS.SPAANPLAATSCHROEF CK.PZ. 3.5X20	3,5	20	134.035.020	146.035.020	305.135.020	434.035.020
5233.30.17100	RVS.SPAANPLAATSCHROEF CK.PZ. 3.5X25	3,5	25	134.035.025	146.035.025	305.135.025	434.035.025
5233.30.17200	RVS.SPAANPLAATSCHROEF CK.PZ. 3.5X30	3,5	30	134.035.030	146.035.030	305.135.030	
5233.30.17400	RVS.SPAANPLAATSCHROEF CK.PZ. 3.5X35	3,5	35		146.035.035		
5233.30.24700	RVS.SPAANPLAATSCHROEF CK.PZ. 4.0X16	4	16	134.040.016	146.040.016	305.140.016	
5233.30.25000	RVS.SPAANPLAATSCHROEF CK.PZ. 4.0X20	4	20	134.040.020	146.040.020	305.140.020	434.040.020
5233.30.25100	RVS.SPAANPLAATSCHROEF CK.PZ. 4.0X25	4	25	134.040.025	146.040.025	305.140.025	
5233.30.25200	RVS.SPAANPLAATSCHROEF CK.PZ. 4.0X30	4	30	134.040.030	146.040.030	305.140.030	446.040.030
5233.30.25400	RVS.SPAANPLAATSCHROEF CK.PZ. 4.0X35	4	35		146.040.040	305.140.035	
5233.30.25600	RVS.SPAANPLAATSCHROEF CK.PZ. 4.0X40	4	40	134.040.040		305.140.040	446.040.040
5233.30.25800	RVS.SPAANPLAATSCHROEF CK.PZ. 4.0X45	4	45		146.040.050	305.140.045	
5233.30.25900	RVS.SPAANPLAATSCHROEF CK.PZ. 4.0X50	4	50			305.140.050	446.040.050
5233.30.33000	RVS.SPAANPLAATSCHROEF CK.PZ. 4.5X20	4,5	20				
5233.30.33200	RVS.SPAANPLAATSCHROEF CK.PZ. 4.5X30	4,5	30	134.045.030			
5233.30.33600	RVS.SPAANPLAATSCHROEF CK.PZ. 4.5X40	4,5	40	134.045.040			
5233.30.33900	RVS.SPAANPLAATSCHROEF CK.PZ. 4.5X50	4,5	50				
5233.30.34000	RVS.SPAANPLAATSCHROEF CK.PZ. 4.5X60	4,5	60				
5233.30.99200	RVS.SPAANPLAATSCHROEF CK.PZ. 5.0X17	5	17	134.050.016	146.050.016		
5233.30.41000	RVS.SPAANPLAATSCHROEF CK.PZ. 5.0X20	5	20		146.050.020	305.150.020	
5233.30.41100	RVS.SPAANPLAATSCHROEF CK.PZ. 5.0X25	5	25		146.050.025	305.150.025	
5233.30.41200	RVS.SPAANPLAATSCHROEF CK.PZ. 5.0X30	5	30		146.050.030	305.150.030	
5233.30.41400	RVS.SPAANPLAATSCHROEF CK.PZ. 5.0X35	5	35			305.150.035	
5233.30.41600	RVS.SPAANPLAATSCHROEF CK.PZ. 5.0X40	5	40		146.050.040	305.150.040	
5233.30.41800	RVS.SPAANPLAATSCHROEF CK.PZ. 5.0X45	5	45			305.150.045	
5233.30.41900	RVS.SPAANPLAATSCHROEF CK.PZ. 5.0X50	5	50		146.050.050	305.150.050	
5233.30.42000	RVS.SPAANPLAATSCHROEF CK.PZ. 5.0X60	5	60		146.050.060	305.150.060	