

HF 0233.01.02EN

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:

0233.01

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	Universalscrews zinc plated panhead pozi
Material	Carbonsteel plus AISI C1022 SI (hardened)
Corrosion protection	Zinc plated, minimum 5µm above class 24
Service class	Service class 1 according to EN 1995-1-1
Fire resistance	NPD
Reaction to fire	Classification A1 according to EN13501-1
Intended use	Self-tapping screws for use in timber structures

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	Intital 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 My,k [Nmm]	EN 409	NPD	NPD	NPD	3407	4540	5568	10325	NPD	
b) Characteristics withdrawal parameter	EN 1382	NPD	NPD	NPD	21,1	19,3	19,6	16,5	NPD	
Wood Density:		Spruce 450 kg/m ³ WMC 13%								
c) Characteristics head pull-through parameter [N/mm ²]	EN 1383	NPD	NPD	NPD	45	NPD	NPD	37,6	NPD	
Wood density:	EN 314 class 3	Okoume plywood, 18mm, 525 kg/m ³								
d) Characteristics tensile capacity ftens,k [kN]	EN 1383:1999	NPD	NPD	NPD	5,82	6,84	7,76	13,03	NPD	
e) Characteristics torsional ratio:	EN ISO 10666:1999	NPD	NPD	NPD	4,2	4,9	4,3	6,7	NPD	
Wood Density:		Spruce 450 kg/m ³ WMC 13%								
DURABILITY	EN 1995-1-1 ISO 2081	Service class 1- zinc plated min. 5µm above class24								

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

Hoenderdaal Fasteners B.V.
Wageningselaan 18
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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	Art nr	Art nr	Art nr	Art nr	Art nr	Art nr	Art nr
5233.01.12400	SPAANPLAATSCHROEF CK.VZ. PZ. 3.0X12	3	12				110.030.012	110.130.012	110.530.012			210.130.012	310.130.012	
5233.01.12700	SPAANPLAATSCHROEF CK.VZ. PZ. 3.0X16	3	16	105.030.016	105.130.016	105.230.016	110.030.016	110.130.016	110.530.016			210.130.016	310.130.016	430.030.016
5233.01.13000	SPAANPLAATSCHROEF CK.VZ. PZ. 3.0X20	3	20	105.030.020	105.130.020	105.230.020	110.030.020	110.130.020	110.530.020		130.030.020	210.130.020	310.130.020	430.030.020
5233.01.13100	SPAANPLAATSCHROEF CK.VZ. PZ. 3.0X25	3	25	105.030.025	105.130.025	105.230.025	110.030.025	110.130.025	110.530.025		130.030.025	210.130.025	310.130.025	430.030.025
5233.01.13200	SPAANPLAATSCHROEF CK.VZ. PZ. 3.0X30	3	30				110.030.030	110.130.030	110.530.030		130.030.030	210.130.030	310.130.030	
5233.01.13400	SPAANPLAATSCHROEF CK.VZ. PZ. 3.0X35	3	35											
5233.01.16400	SPAANPLAATSCHROEF CK.VZ. PZ. 3.5X12	3,5	12				110.035.012	110.135.012	110.535.012			210.135.012	310.135.012	
5233.01.16700	SPAANPLAATSCHROEF CK.VZ. PZ. 3.5X16	3,5	16	105.035.016	105.135.016	105.235.016	110.035.016	110.135.016	110.535.016	128.035.016	130.035.016	210.135.016	310.135.016	430.035.016
5233.01.17000	SPAANPLAATSCHROEF CK.VZ. PZ. 3.5X20	3,5	20	105.035.020	105.135.020	105.235.020	110.035.020	110.135.020	110.535.020	128.035.020	130.035.020	210.135.020	310.135.020	428.035.020 430.035.020
5233.01.17100	SPAANPLAATSCHROEF CK.VZ. PZ. 3.5X25	3,5	25	105.035.025	105.135.025	105.235.025	110.035.025	110.135.025	110.535.025	128.035.025	130.035.025	210.135.025	310.135.025	430.035.025
5233.01.17200	SPAANPLAATSCHROEF CK.VZ. PZ. 3.5X30	3,5	30	105.035.030	105.135.030	105.235.030	110.035.030	110.135.030	110.535.030	128.035.030	130.035.030	210.135.030	310.135.030	430.035.030
5233.01.17400	SPAANPLAATSCHROEF CK.VZ. PZ. 3.5X35	3,5	35				110.035.035	110.135.035	110.535.035	128.035.035	130.035.035	210.135.035	310.135.035	430.035.035
5233.01.17600	SPAANPLAATSCHROEF CK.VZ. PZ. 3.5X40	3,5	40									210.135.040		
5233.01.17800	SPAANPLAATSCHROEF CK.VZ. PZ. 3.5X45	3,5	45											
5233.01.24400	SPAANPLAATSCHROEF CK.VZ. PZ. 4.0X12	4	12				110.040.012	110.140.012	110.540.012			210.140.012	310.140.012	
5233.01.24700	SPAANPLAATSCHROEF CK.VZ. PZ. 4.0X16	4	16	105.040.016	105.140.016	105.240.016	110.040.016	110.140.016	110.540.016	128.040.016	130.040.016	210.140.016	310.140.016	410.140.016 430.040.016
5233.01.25000	SPAANPLAATSCHROEF CK.VZ. PZ. 4.0X20	4	20	105.040.020	105.140.020	105.240.020	110.040.020	110.140.020	110.540.020	128.040.020	130.040.020	210.140.020	310.140.020	410.140.020 430.040.020
5233.01.25100	SPAANPLAATSCHROEF CK.VZ. PZ. 4.0X25	4	25	105.040.025	105.140.025	105.240.025	110.040.025	110.140.025	110.540.025	128.040.025	130.040.025	210.140.025	310.140.025	410.140.025 430.040.025
5233.01.25200	SPAANPLAATSCHROEF CK.VZ. PZ. 4.0X30	4	30	105.040.030	105.140.030	105.240.030	110.040.030	110.140.030	110.540.030	128.040.030	130.040.030	210.140.030	310.140.030	410.140.030 430.040.030
5233.01.25400	SPAANPLAATSCHROEF CK.VZ. PZ. 4.0X35	4	35	105.040.035	105.140.035	105.240.035	110.040.035	110.140.035	110.540.035		130.040.035	210.140.035	310.140.035	430.040.035
5233.01.25600	SPAANPLAATSCHROEF CK.VZ. PZ. 4.0X40	4	40	105.040.040	105.140.040	105.240.040	110.040.040	110.140.040	110.540.040	128.040.040	130.040.040	210.140.040	310.140.040	410.140.040 430.040.040
5233.01.25800	SPAANPLAATSCHROEF CK.VZ. PZ. 4.0X45	4	45	105.040.045	105.140.045	105.240.045								
5233.01.25900	SPAANPLAATSCHROEF CK.VZ. PZ. 4.0X50	4	50	105.040.050	105.140.050	105.240.050	110.040.050	110.140.050	110.540.050	128.040.050	130.040.050	210.140.050	310.140.050	
5233.01.32700	SPAANPLAATSCHROEF CK.VZ. PZ. 4.5X16	4,5	16											430.045.016
5233.01.33000	SPAANPLAATSCHROEF CK.VZ. PZ. 4.5X20	4,5	20				110.045.020	110.145.020	110.545.020	128.045.020	130.045.020	210.145.020	310.145.020	430.045.020
5233.01.33100	SPAANPLAATSCHROEF CK.VZ. PZ. 4.5X25	4,5	25				110.045.025	110.145.025	110.545.025	128.045.025	130.045.025	210.145.025	310.145.025	430.045.030
5233.01.33200	SPAANPLAATSCHROEF CK.VZ. PZ. 4.5X30	4,5	30				110.045.030	110.145.030	110.545.030	128.045.030	130.045.030	210.145.030	310.145.030	
5233.01.33400	SPAANPLAATSCHROEF CK.VZ. PZ. 4.5X35	4,5	35											
5233.01.33600	SPAANPLAATSCHROEF CK.VZ. PZ. 4.5X40	4,5	40				110.045.040	110.145.040	110.545.040	128.045.040	130.045.040	210.145.040	310.145.040	
5233.01.33800	SPAANPLAATSCHROEF CK.VZ. PZ. 4.5X45	4,5	45											
5233.01.33900	SPAANPLAATSCHROEF CK.VZ. PZ. 4.5X50	4,5	50				110.045.050	110.145.050	110.545.050		130.045.050	210.145.050	310.145.050	
5233.01.34000	SPAANPLAATSCHROEF CK.VZ. PZ. 4.5X60	4,5	60											
5233.01.40900	SPAANPLAATSCHROEF CK.VZ. PZ. 5.0X16	5	16	105.050.016				110.150.016	110.550.016	128.050.016	130.050.016	210.150.016	310.150.016	428.050.016 430.050.016
5233.01.41000	SPAANPLAATSCHROEF CK.VZ. PZ. 5.0X20	5	20	105.050.020	105.150.020	105.250.020	110.050.020	110.150.020	110.550.020	128.050.020	130.050.020	210.150.020	310.150.020	428.050.020 430.050.020
5233.01.41100	SPAANPLAATSCHROEF CK.VZ. PZ. 5.0X25	5	25	105.050.025	105.150.025	105.250.025	110.050.025	110.150.025	110.550.025	128.050.025	130.050.025	210.150.025	310.150.025	428.050.025 430.050.025



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Art nr screws	Discription Dutch	D	L	Art nr	Art nr	Art nr	Art nr	Art nr	Art nr	Art nr	Art nr	Art nr	Art nr	Art nr	Art nr
5233.01.41200	SPAANPLAATSCHROEF CK.VZ. PZ. 5.0X30	5	30	105.050.030	105.150.030	105.250.030	110.050.030	110.150.030	110.550.030	128.050.030	130.050.030	210.150.030	310.150.030	428.050.030	430.050.030
5233.01.41400	SPAANPLAATSCHROEF CK.VZ. PZ. 5.0X35	5	35	105.050.035	105.150.035	105.250.035	110.050.035	110.150.035	110.550.035		130.050.035	210.150.035	310.150.035		
5233.01.41600	SPAANPLAATSCHROEF CK.VZ. PZ. 5.0X40	5	40	105.050.040	105.150.040	105.250.040	110.050.040	110.150.040	110.550.040	128.050.040	130.050.040	210.150.040	310.150.040	428.050.040	430.050.040
5233.01.41800	SPAANPLAATSCHROEF CK.VZ. PZ. 5.0X45	5	45	105.050.045	105.150.045	105.250.045									
5233.01.41900	SPAANPLAATSCHROEF CK.VZ. PZ. 5.0X50	5	50	105.050.050	105.150.050	105.250.050	110.050.050	110.150.050	110.550.050	128.050.050	130.050.050	210.150.050	310.150.050		430.050.050
5233.01.42000	SPAANPLAATSCHROEF CK.VZ. PZ. 5.0X60	5	60	105.050.060	105.150.060	105.250.060	110.050.060	110.150.060	110.550.060	128.050.060	130.050.060	210.150.060	310.150.060		