

DECLARATION OF PERFORMANCE

Nr. DoP 20130701-603555

Issued in accordance with the Construction Products Directive (CPD) 305/2011/EU. Stafa Group hereby declares that the products mentioned below comply with requirements of:

EN 14592 2008+A1 2012

TIMBER STRUCTURES – DOWEL TYPE FASTENERS

1. Unique identification code of product : **02020, 02021**
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 **Load bearing timber structures**
4. Contact address of manufacturer : **Stafa Group
Den Engelsman 18
6026 RB Maarheeze
The Netherlands**
5. Contact address of authorised representative : **Not Relevant**
6. Assessment system **System 3**
7. In case of the declaration of performance concerning a construction product covered by a harmonized **Standard: EN14566:2008 + A1:2009
SHR – Nieuwe Kanaal 9b –
6700 AL Wageningen
under system: 4
and issued: Report code 13.0258**

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IBAN: NL63 ABNA 0444 6696 39

BIC: ABNANL2A

VAT: NL800966041B01

CoC: 17075593

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Not relevant

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

9. Declaration performance:

Class 4.8

M6	M7	M8	M10	M12
M_{y,k} (Nmm)	M_{y,k} (Nmm)	M_{y,k} (Nmm)	M_{y,k} (Nmm)	M_{y,k} (Nmm)
9708	19396	27749	45393	75929

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.

The authorized representative of Stafa Group.

Joep van Gool, Management:



Maarheeze, 1 July 2013

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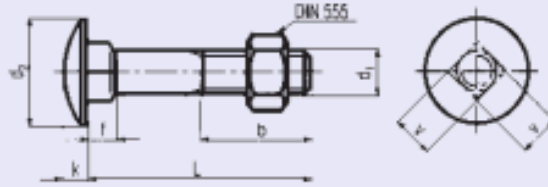
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02020



DIN-603/555

NFE 27351 - DIN 603/555

Slotbouten met moer

Staal 4.8 verzinkt

Mushroom head square neck bolts with nut

Steel 4.8 zinc plated

Flachrundschauben mit Vierkantansatz und Mutter

Stahl 4.8 verzinkt

Vis à tête bombée à collet carré avec écrou

Acier 4.8 zingué blanc

Tornillos de cabeza abombada y cuello cuadrado con tuerca

Acero 4.8 cincado

d1	p	d2 max	k max	f max	v	b ≤ 125	b ≤ 200	b > 200
M 5	0,8	13.55	3.3	4.1	5	16	-	-
M 6	1	16.55	3.88	4.6	6	18	-	-
M 7	1	18.55	4.8	5.1	7	20	26	-
M 8	1,25	20.65	4.88	5.6	8	22	28	41
M 10	1,5	24.65	5.38	6.6	10	26	32	45
M 12	1,75	30.65	6.95	8.75	12	30	36	49
M 16	2	38.8	8.95	12.9	16	38	44	57

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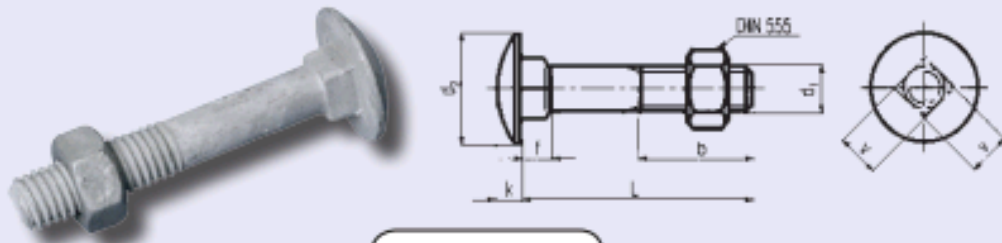
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CODE	SIZE (d ₁ xL)		CODE	SIZE (d ₁ xL)		CODE	SIZE (d ₁ xL)	
0202000001	m 5 x 16	500	0202000059	m 8 x 75	100	0202000121	m 12 x 75	50
0202000003	m 5 x 20	500	0202000060	m 8 x 80	100	0202000122	m 12 x 80	50
0202000004	m 5 x 25	500	0202000061	m 8 x 90	100	0202000123	m 12 x 90	50
0202000005	m 5 x 30	500	0202000062	m 8 x 100	100	0202000124	m 12 x 100	50
0202000007	m 5 x 35	200	0202000063	m 8 x 110	50	0202000125	m 12 x 110	25
0202000008	m 5 x 40	200	0202000064	m 8 x 120	50	0202000126	m 12 x 120	25
0202000010	m 5 x 45	200	0202000065	m 8 x 130	50	0202000127	m 12 x 130	25
0202000011	m 5 x 50	200	0202000066	m 8 x 140	50	0202000128	m 12 x 140	25
0202000012	m 5 x 55	200	0202000067	m 8 x 150	50	0202000129	m 12 x 150	25
0202000013	m 5 x 60	200	0202000068	m 8 x 160	50	0202000130	m 12 x 160	25
0202000017	m 5 x 70	200	0202000070	m 8 x 180	25	0202000131	m 12 x 170	25
0202000019	m 5 x 80	200	0202000071	m 8 x 200	25	0202000132	m 12 x 180	25
0202000022	m 6 x 12	200	0202000073	m 10 x 20	100	0202000133	m 12 x 190	25
0202000023	m 6 x 16	200	0202000074	m 10 x 25	100	0202000134	m 12 x 200	25
0202000025	m 6 x 20	200	0202000075	m 10 x 30	100	0202000135	m 12 x 220	25
0202000026	m 6 x 25	200	0202000076	m 10 x 35	100	0202000275	m 12 x 225	25
0202000027	m 6 x 30	200	0202000077	m 10 x 40	100	0202000136	m 12 x 240	25
0202000028	m 6 x 35	200	0202000078	m 10 x 45	100	0202000420	m 12 x 250	25
0202000029	m 6 x 40	200	0202000079	m 10 x 50	100	0202000137	m 12 x 260	10
0202000030	m 6 x 45	200	0202000080	m 10 x 55	100	0202000138	m 12 x 280	10
0202000031	m 6 x 50	200	0202000081	m 10 x 60	100	0202000139	m 12 x 300	10
0202000032	m 6 x 55	100	0202000082	m 10 x 65	100	0202000140	m 12 x 320	10
0202000033	m 6 x 60	100	0202000083	m 10 x 70	100	0202000141	m 12 x 340	10
0202000034	m 6 x 65	100	0202000084	m 10 x 75	100	0202000142	m 12 x 360	10
0202000035	m 6 x 70	100	0202000085	m 10 x 80	50	0202000143	m 12 x 380	10
0202000036	m 6 x 75	100	0202000086	m 10 x 90	50	0202000144	m 12 x 400	10
0202000037	m 6 x 80	100	0202000087	m 10 x 100	50	0202000352	m 16 x 40	50
0202000038	m 6 x 90	100	0202000088	m 10 x 110	50	0202000374	m 16 x 45	50
0202000039	m 6 x 100	100	0202000089	m 10 x 120	50	0202000146	m 16 x 50	50
0202000040	m 6 x 110	100	0202000090	m 10 x 130	25	0202000148	m 16 x 60	50
0202000041	m 6 x 120	100	0202000091	m 10 x 140	25	0202000150	m 16 x 70	25
0202000042	m 6 x 130	100	0202000092	m 10 x 150	25	0202000152	m 16 x 80	25
0202000267	m 7 x 40	100	0202000093	m 10 x 160	25	0202000153	m 16 x 90	25
0202000268	m 7 x 45	100	0202000094	m 10 x 170	25	0202000154	m 16 x 100	25
0202000269	m 7 x 50	100	0202000095	m 10 x 180	25	0202000155	m 16 x 110	25
0202000270	m 7 x 60	100	0202000096	m 10 x 190	25	0202000156	m 16 x 120	25
0202000271	m 7 x 70	100	0202000097	m 10 x 200	25	0202000157	m 16 x 130	10
0202000272	m 7 x 80	100	0202000098	m 10 x 220	25	0202000158	m 16 x 140	10
0202000273	m 7 x 90	100	0202000100	m 10 x 240	25	0202000159	m 16 x 150	10
0202000274	m 7 x 100	100	0202000101	m 10 x 250	25	0202000160	m 16 x 160	10
0202000046	m 8 x 16	200	0202000102	m 10 x 260	25	0202000162	m 16 x 180	10
0202000047	m 8 x 20	200	0202000103	m 10 x 280	25	0202000163	m 16 x 200	10
0202000049	m 8 x 25	200	0202000104	m 10 x 300	25	0202000164	m 16 x 220	10
0202000050	m 8 x 30	200	0202000112	m 12 x 30	50	0202000167	m 16 x 240	10
0202000051	m 8 x 35	200	0202000113	m 12 x 35	50	0202000169	m 16 x 260	10
0202000052	m 8 x 40	100	0202000114	m 12 x 40	50	0202000170	m 16 x 280	10
0202000053	m 8 x 45	100	0202000115	m 12 x 45	50	0202000171	m 16 x 300	10
0202000054	m 8 x 50	100	0202000116	m 12 x 50	50	0202000172	m 16 x 320	10
0202000055	m 8 x 55	100	0202000117	m 12 x 55	50	0202000173	m 16 x 340	10
0202000056	m 8 x 60	100	0202000118	m 12 x 60	50	0202000174	m 16 x 360	10
0202000057	m 8 x 65	100	0202000119	m 12 x 65	50	0202000175	m 16 x 380	10
0202000058	m 8 x 70	100	0202000120	m 12 x 70	50	0202000176	m 16 x 400	10

02020

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02021



DIN-603/555

NFE 27351 - DIN 603/555

Slotbouten met moer - Overmaatse schroefdraad	Staal 4.8 thermisch verzinkt
Mushroom head square neck bolts with nut - Oversized thread	Steel 4.8 hot dip galvanized
Flachrundsrauben mit Vierkantansatz und Mutter - Übermass Gewinde	Stahl 4.8 feuerverzinkt
Vis à tête bombée à collet carré avec écrou - Filetage surdimensionné	Acier 4.8 galv. à chaud
Tomillos de cabeza abombada y cuello cuadrado con tuerca - Rosca excedente	Acero 4.8 galv. caliente

d1	p	d2 max	k max	f max	v	b ≤ 125	b ≤ 200	b > 200
M 8	1,25	20.65	4.88	5.6	8	22	28	-
M 10	1,5	24.65	5.38	6.6	10	26	32	45
M 12	1,75	30.65	6.95	8.75	12	30	36	49
M 16	2	38.8	8.95	12.9	16	38	44	57
M 20	2,5	46.8	11.05	15.9	20	46	52	65

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0202100012	m 8 x 25	200	0202100058	m 10 x 170	25	0202100094	m 16 x 110	25
0202100127	m 8 x 30	200	0202100059	m 10 x 180	25	0202100095	m 16 x 120	25
0202100128	m 8 x 35	200	0202100060	m 10 x 200	25	0202100096	m 16 x 130	10
0202100014	m 8 x 40	100	0202100126	m 10 x 220	25	0202100097	m 16 x 140	10
0202100016	m 8 x 45	100	0202100061	m 10 x 240	25	0202100098	m 16 x 150	10
0202100018	m 8 x 50	100	0202100062	m 10 x 260	25	0202100099	m 16 x 160	10
0202100021	m 8 x 60	100	0202100066	m 12 x 50	50	0202100100	m 16 x 180	10
0202100024	m 8 x 70	100	0202100067	m 12 x 60	50	0202100101	m 16 x 200	10
0202100026	m 8 x 80	100	0202100068	m 12 x 70	50	0202100102	m 16 x 220	10
0202100027	m 8 x 90	100	0202100070	m 12 x 80	50	0202100103	m 16 x 240	10
0202100029	m 8 x 100	100	0202100071	m 12 x 90	50	0202100104	m 16 x 260	10
0202100030	m 8 x 110	50	0202100073	m 12 x 100	50	0202100105	m 16 x 280	10
0202100032	m 8 x 120	50	0202100074	m 12 x 110	25	0202100106	m 16 x 300	10
0202100034	m 8 x 130	50	0202100075	m 12 x 120	25	0202100107	m 16 x 320	10
0202100035	m 8 x 140	50	0202100076	m 12 x 130	25	0202100150	m 16 x 340	10
0202100036	m 8 x 150	50	0202100077	m 12 x 140	25	0202100151	m 16 x 360	10
0202100037	m 8 x 160	50	0202100079	m 12 x 150	25	0202100152	m 16 x 380	10
0202100153	m 10 x 30	100	0202100080	m 12 x 160	25	0202100149	m 16 x 400	10
0202100155	m 10 x 35	100	0202100081	m 12 x 180	25	0202100129	m 20 x 100	25
0202100007	m 10 x 40	100	0202100082	m 12 x 200	25	0202100130	m 20 x 120	25
0202100041	m 10 x 50	100	0202100083	m 12 x 220	25	0202100131	m 20 x 140	10
0202100043	m 10 x 60	100	0202100084	m 12 x 240	25	0202100132	m 20 x 160	10
0202100045	m 10 x 70	100	0202100085	m 12 x 260	10	0202100133	m 20 x 180	10
0202100046	m 10 x 75	100	0202100086	m 12 x 280	10	0202100134	m 20 x 200	10
0202100047	m 10 x 80	50	0202100087	m 12 x 300	10	0202100135	m 20 x 220	10
0202100048	m 10 x 90	50	0202100154	m 12 x 320	10	0202100136	m 20 x 240	10
0202100050	m 10 x 100	50	0202100147	m 12 x 340	10	0202100137	m 20 x 260	10
0202100052	m 10 x 110	50	0202100148	m 12 x 360	10	0202100138	m 20 x 280	10
0202100053	m 10 x 120	50	0202100088	m 12 x 380	10	0202100139	m 20 x 300	10
0202100054	m 10 x 130	25	0202100089	m 12 x 400	10	0202100166	m 20 x 320	10
0202100055	m 10 x 140	25	0202100091	m 16 x 80	25	0202100167	m 20 x 360	10
0202100056	m 10 x 150	25	0202100092	m 16 x 90	25			
0202100057	m 10 x 160	25	0202100093	m 16 x 100	25			

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