

## Declaration of performance

Nr 216/D933A2A4/01.09.2021

**1. Unique product type identification code:**

Hexagon bolt DIN933 A2 / A4

1a. Applies to Hammerjack article numbers

65-933A2...\*, 80-B933A2...\*, 80-K933A2..., 89-B933A2...,  
65-933A4...\*

**2. Type, batch or serial number or other element enabling the construction product to be identified in accordance with Article 11 (4):**

Shown on the package

2a. Lot No from KT26 to KT... (see packaging)

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

The hexagon bolt is intended for mounting steel or wooden parts with a nut and washer or directly in a threaded hole with a washer. Hexagon bolt is made of stainless steel, suitable for indoor and outdoor use.

**4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required by Article 11 (5):**

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Laagri, Saue vald  
76401 Harjumaa, EESTI  
Tel: +372 6 729 515  
Fax: +372 6 729 510  
E-post: [info@hammerjack.ee](mailto:info@hammerjack.ee)

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

Not relevant (see section 4)

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

System 3

**7. In the case of a declaration of performance for a construction product covered by a harmonized standard:**

DIN933/ISO4017  
Deutsches Institut für Normung

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

Not relevant

**9. Declared performance**

Corrosion protection corresponds to environmental class C4, based on the class given in SS-EN ISO 12944-2s.

Corrosion class C4: Indoors with high humidity and high air pollution e.g. swimming pools, chemical industries. In outdoor conditions with moderate salt or obvious air pollution e.g. industries, coastal areas.

Material: A2 SS14 2333, A2 - AISI304  
A4 SS14 2347, A4 - AISI316

Surface treatment according to ISO 3506 - 2: 1997

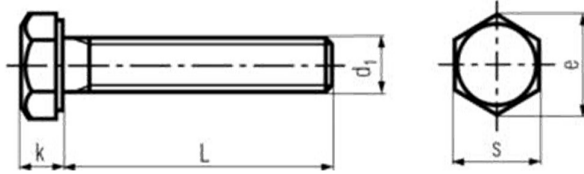


## HAMMERJACK OÜ

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# HammerJack



Size d1	k	e	s
mm	mm	mm	mm
M3	2	6,01	5,5
M4	2,8	7,66	7
M5	3,5	8,79	8
M6	4	11,05	10
M8	5,3	14,38	13
M10	6,4	18,9	17
M12	7,5	21,1	19
M14	8,8	24,49	22
M16	10	26,75	24
M18	11,5	30,14	27
M20	12,5	33,53	30
M22	14	35,72	32
M24	15	39,98	36
M27	17	45,2	41
M30	18,7	50,85	46

Keere mm	Thread step mm	Load N Class 50	Load N Class 70	Load N Class 80
M4	0.70	1843,8	3951	5268
M5	0.80	2982	6390	8520
M6	1.00	4221	9045	12060
M8	1.25	7686	16470	21960
M10	1.50	12180	26100	34800
M12	1.75	17703	37935	50580
M14	2.00	24150	51750	69000
M16	2.00	32970	70650	94200
M18	2.50	40320	86400	115200
M20	2.50	51450	110250	147000
M22	2.50	63630	136350	181800
M24	3.00	74130	158850	211800
M27	3.00	96390	206550	275400
M30	3.50	117810	252450	336600

Thread mm	Breaking moment Nm Class 50	Breaking moment Nm Class 70	Breaking moment Nm Class 80
M1,6	0,15	0,2	0,24
M2	0,3	0,4	0,48
M2,5	0,6	0,9	0,96
M3	1,1	1,6	1,8
M4	2,7	3,8	4,3
M5	5,5	7,8	8,8
M6	9,3	13	15
M8	23	32	37
M10	46	65	74
M12	80	110	130
M16	210	290	330

Breaking test performed on basic standard threads M1.6 to M16 (DIN ISO 3506-1)

**If specific technical documentation has been used in accordance with Article 37 or 38, indicate the requirements for which the product meets:**

Not relevant

**10. The performance of the product specified in points 1 and 2 shall be in accordance with the declared performance referred to in point 9.**

The performance of the product described above corresponds to the declared performance.  
This declaration of performance has been issued under the sole responsibility of the manufacturer as defined in point 4 of Regulation (EU) No 305/2011.

Signed by and on behalf of the manufacturer:

Peeter Kljukin,  
Product Category Manager



01.09.2021