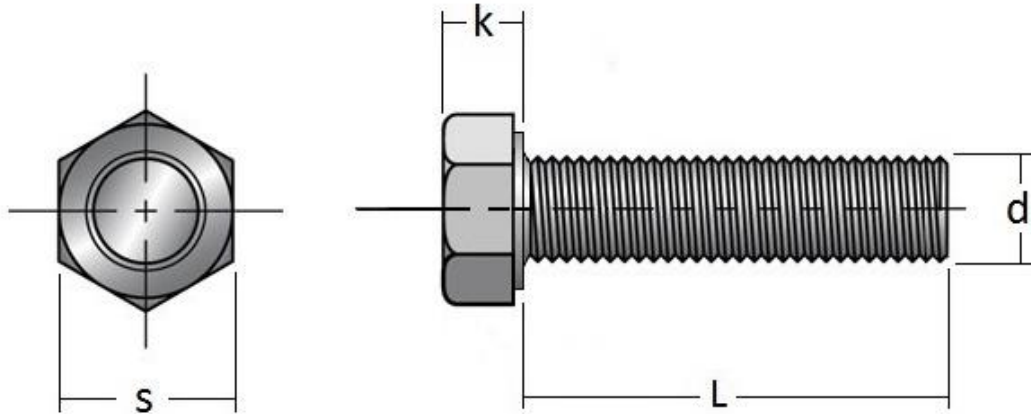


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Metric, Hex Cap Screw, DIN 933 Fully Threaded, A2-70 Stainless Steel

This product standard contains the required dimensional, mechanical, performance, and chemical characteristics of the products shown in this purchase order (as applicable to the product). Unless specified below, current revisions of national or international standards shall be applicable as of the date of Fastenal's purchase order and must be adhered to in their entirety. If the order received does not meet these requirements, corrective action may be issued which could jeopardize your status as an approved supplier to Fastenal.



Nominal Size	d		s			k			
	Major Diameter		Width Across Flats			Head Height			
	Min.	Max.	Max.	Min.		Grade A		Grade B	
				Grade A	Grade B	Min.	Max.	Min.	Max.
M3	2.874	2.980	5.5	5.32	-	1.88	2.12	-	-
M4	3.838	3.978	7	6.78	-	2.68	2.92	-	-
M5	4.826	4.976	8	7.78	-	3.35	3.65	-	-
M6	5.794	5.974	10	9.78	-	3.85	4.15	-	-
M7	6.794	6.974	11	10.73	-	4.65	4.95	-	-
M8	7.760	7.972	13	12.73	-	5.15	5.45	-	-
M10	9.732	9.968	17	16.73	-	6.22	6.56	-	-
M12	11.701	11.966	19	18.67	-	7.32	7.68	-	-
M14	13.682	13.962	22	21.67	-	8.62	8.98	-	-
M16	15.682	15.962	24	23.67	23.16	9.82	10.18	9.71	10.29
M18	17.623	17.958	27	26.67	26.16	11.28	11.72	11.15	11.85
M20	19.623	19.958	30	29.67	29.16	12.28	12.72	12.15	12.85
M22	21.623	21.958	32	31.61	31	13.78	14.22	13.65	14.35
M24	23.577	23.952	36	35.38	35	14.78	15.22	14.65	15.35
M27	26.577	26.952	41	-	40	-	-	16.65	17.35
M30	29.522	29.947	46	-	45	-	-	18.28	19.12
M33	32.522	32.947	50	-	49	-	-	20.58	21.42
M36	35.465	35.940	55	-	53.8	-	-	22.08	22.92
M39	38.465	38.940	60	-	58.8	-	-	24.58	25.42
M42	41.437	41.937	65	-	63.1	-	-	25.58	26.42
M45	44.437	44.937	70	-	68.1	-	-	27.58	28.42
M48	47.399	47.929	75	-	73.1	-	-	29.58	30.42
M52	51.399	51.929	80	-	78.1	-	-	32.50	33.50

RECORD OF REVISION CHANGES TO THIS DOCUMENT ARE LOCATED ON THE LAST PAGE

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Specification Requirements:

- Dimensions: DIN 933; For dimensions not shown above, refer to DIN 933
- Threads: 6g per ISO 724; ISO 965-1
- Material & Mechanical Properties: A2-70 Stainless Steel per ISO 3506 Part 1
- Head Markings: Manufacturer's ID and A2-70 (M5 diameter and larger)
- Finish: Per ASTM A380/A380M
- Material Test Reports: The MTR must have documented lot traceability, dimensional results, full chemical test results and full mechanical test results to the specification(s) above. In addition, the MTR shall be in full compliance with Fastenal's MTR Requirements.

Revision Level Changes to this Document

Document Name	Revision Level	Revision Date	Rationale for Revision
M.HCS.933.A2-70	00	7/10/2018	Revised title.
M.HCS.933.A2-70	01	2/19/2019	Revised threads to 6g per ISO 724; ISO 965-1 and added sizes.

The rationale above may not include all of the changes within each revision. A complete review of the Fastenal Product Standard is required.