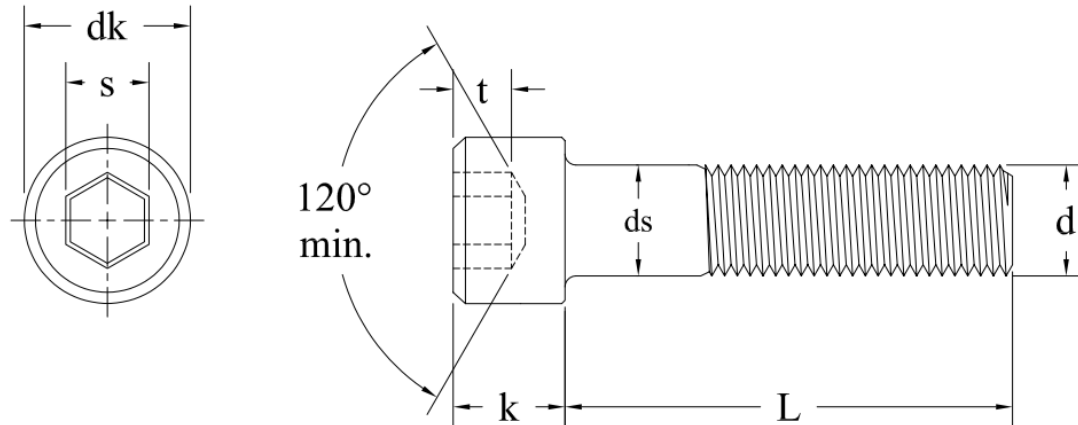


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Metric, Socket Head Cap Screw, ISO 4762, A2-70 Stainless Steel

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.



Plain or Knurled heads are acceptable

d	ds		dk		k		s		t
Nominal Size	Body Diameter		Head Diameter		Head Height		Socket Size		Key Engagement
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
M1.6	1.60	1.46	3.14	2.86	1.60	1.46	1.58	1.52	0.7
M2	2.00	1.86	3.98	3.62	2.00	1.86	1.58	1.52	1
M2.5	2.50	2.36	4.68	4.32	2.50	2.36	2.08	2.02	1.1
M3	3.00	2.86	5.68	5.32	3.00	2.86	2.58	2.52	1.3
M4	4.00	3.82	7.22	6.78	4.00	3.82	3.08	3.02	2
M5	5.00	4.82	8.72	8.28	5.00	4.82	4.095	4.02	2.5
M6	6.00	5.82	10.22	9.78	6.00	5.70	5.14	5.02	3
M8	8.00	7.78	13.27	12.73	8.00	7.64	6.14	6.02	4
M10	10.00	9.78	16.27	15.73	10.00	9.64	8.175	8.025	5
M12	12.00	11.73	18.27	17.73	12.00	11.57	10.175	10.025	6
M14	14.00	13.73	21.33	20.67	14.00	13.57	12.212	12.032	7
M16	16.00	15.73	24.33	23.67	16.00	15.57	14.212	14.032	8
M20	20.00	19.67	30.33	29.67	20.00	19.48	17.23	17.05	10
M24	24.00	23.67	36.39	35.61	24.00	23.48	19.275	19.065	12
M30	30.00	29.67	45.39	44.61	30.00	29.48	22.275	22.065	15.5
M36	36.00	35.61	54.46	53.54	36.00	35.38	27.275	27.065	19
M42	42.00	41.61	63.46	62.54	42.00	41.38	32.33	32.08	24

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

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Specification Requirements: Unless otherwise specified, all applicable requirements shall be in accordance with ISO 3506-1

- Dimensions: ISO 4762
- Material: A2 Stainless Steel per ISO 3506-1
- Mechanical: A2-70 Stainless Steel per ISO 3506-1
- Threads: 6g per ISO 724; ISO 965-1
- Product Marking: Manufacturer's ID and A2-70 on sizes M5 and larger
- Finish: 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.SHCS.4762.A2-70	01	2/25/2020	Revised thread specification callout.
M.SHCS.4762.A2-70	02	8/4/2020	Added manufacturer's ID into head marking requirement.
M.SHCS.4762.A2-70	03	3/1/2023	Refined image and added note accepting both plain and knurled heads.

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