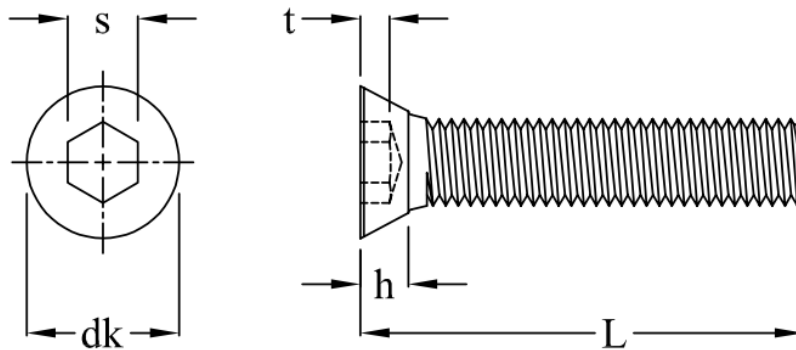


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Metric, Flat Head Socket Cap Screw, DIN 7991, Fully Threaded, A4-70 Stainless Steel

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	dk		s		t	
	Min.	Max.	Min.	Max.	Min.	Max.
M3	5.70	6	2.020	2.100	0.95	1.2
M4	7.64	8	2.520	2.600	1.55	1.8
M5	9.64	10	3.020	3.100	2.05	2.3
M6	11.57	12	4.020	4.120	2.25	2.5
M8	15.57	16	5.020	5.140	3.20	3.5
M10	19.48	20	6.020	6.140	4.10	4.4
M12	23.48	24	8.025	8.175	4.30	4.6
M14	26.48	27	10.025	10.175	4.50	4.8
M16	29.48	30	10.025	10.175	5.00	5.3
M18	32.38	33	12.032	12.212	5.20	5.5
M20	35.38	36	12.032	12.212	5.60	5.9
M22	38.38	36	14.032	14.212	8.44	8.8
M24	38.38	39	14.032	14.212	9.87	10.3

Head angle is 90° +2/-0 degrees for sizes M3 through M20 and
60° +2/-0 degrees for sizes M22 and larger.

**RECORD OF REVISION CHANGES TO THIS DOCUMENT ARE LOCATED ON THE
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Specification Requirements:

- Dimensions: DIN 7991 *Exception: Fully Threaded
- Material: ISO 3506-1; A4-70 Stainless Steel
- Mechanical: ISO 3506-1; A4-70 Stainless Steel
- Threads: 6g per ISO 724; ISO 965-1
- Product Marking: Manufacturer's ID, Stainless Steel Grade, and Property Class per ISO 3506-1
- Finish: ASTM A380/A380M
- Surface Discontinuities: ISO 6157-1 with forging cracks per ISO 6157-3
- 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.FHSCS.7991.FT.A4-70	00	10/29/2019	Revised title and added standards to thread requirement.
M.FHSCS.7991.FT.A4-70	01	10/28/2022	Refined image.
M.FHSCS.7991.FT.A4-70	02	11/28/2025	Revised marking requirement.

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