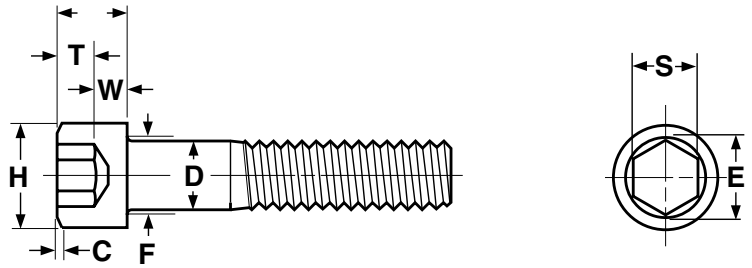




# Metric Products

Metric Socket  
Head Cap Screws



Basic Screw Diameter	Thread Pitch	D		H		K		C	F	S		E	T	W
		Body Diameter		Head Diameter		Head Height		Top Chamfer or Radius	Fillet Transition Diameter	Socket Size Across the Flats		Socket Size Across the Corners	Key Engagement	Wall Thickness
		Max	Min	Max	Min	Max	Min	Max	Max	Max	Min	Min	Min	Min
M1.6	0.35	1.60	1.46	3.14	2.86	1.60	1.46	0.16	2	1.545	1.520	1.73	0.7	0.55
M2	0.4	2.00	1.86	3.98	3.62	2.00	1.86	0.2	2.6	1.545	1.520	1.73	1	0.55
M2.5	0.45	2.50	2.36	4.68	4.32	2.50	2.36	0.25	3.1	2.045	2.020	2.3	1.1	0.85
M3	0.5	3.00	2.86	5.68	5.32	3.00	2.86	0.3	3.6	2.56	2.52	2.87	1.3	1.15
M4	0.7	4.00	3.82	7.22	6.78	4.00	3.82	0.4	4.7	3.071	3.020	3.44	2	1.4
M5	0.8	5.00	4.82	8.72	8.28	5.00	4.82	0.5	5.7	4.084	4.020	4.58	2.5	1.9
M6	1	6.00	5.82	10.22	9.78	6.00	5.7	0.6	6.8	5.084	5.020	5.72	3	2.3
M8	1.25	8.00	7.78	13.27	12.73	8.00	7.64	0.8	9.2	6.095	6.020	6.86	4	3.3
M10	1.5	10.00	9.78	16.27	15.73	10.00	9.64	1	11.2	8.115	8.025	9.15	5	4
M12	1.75	12.00	11.73	18.27	17.73	12.00	11.57	1.2	13.7	10.115	10.025	11.43	6	4.8
M16	2	16.00	15.73	24.33	23.67	16.00	15.57	1.6	17.7	14.142	14.032	16	8	6.8
M20	2.5	20.00	19.67	30.33	29.67	20.00	19.48	2	22.4	17.23	17.05	19.44	10	8.6
M24	3	24.00	23.67	36.39	35.61	24.00	23.48	2.4	26.4	19.275	19.065	21.73	12	10.4
M30	3.5	30.00	29.67	45.39	44.61	30.00	29.48	3	33.4	22.275	22.065	25.15	15.5	13.1
M36	4	36.00	35.61	54.46	53.54	36.00	35.38	3.6	39.4	27.275	27.065	30.85	19	15.3
M42	4.5	42.00	41.61	63.46	62.54	42.00	41.38	4.2	45.6	32.33	32.08	36.57	24	16.3
M48	5	48.00	47.61	72.46	71.54	48.00	47.38	4.8	52.6	36.33	36.08	41.13	28	17.5
M56	5.5	56.00	55.54	84.54	83.46	56.00	55.26	5.6	63	41.33	41.08	46.83	34	19
M64	6	64.00	63.54	96.54	95.46	64.00	63.26	6.4	71	46.33	46.08	52.53	38	22
Tolerance on Length		2.5-3mm: ±0.2		4-6mm: ±0.24		8-10mm: ±0.29		12-16mm: ±0.35		20-30mm: ±0.42				
		35-50mm: ±0.5		55-80mm: ±0.6		90-120mm: ±0.7		130-180mm: ±0.8		200-240mm: ±0.925		260-300mm: ±1.05		

ISO 4762

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