



Dimensions of Flat Countersunk Head Cap Screws

Thread Size d		M3	M4	M5	M6	M8	M10	M12	(M14)	M16	M20
P	Thread Pitch	0.5	0.7	0.8	1	1.25	1.5	1.75	2	2	2.5
ds	max	3	4	5	6	8	10	12	14	16	20
	min	2.86	3.82	4.82	5.82	7.78	9.78	11.73	13.73	15.73	19.67
dk	max	6.72	8.96	11.2	13.44	17.92	22.4	26.88	30.24	33.6	40.32
	min	5.35	7.8	9.75	11.7	15.6	19.5	23.4	26.18	28.96	34.6
k	Ref.	1.86	2.48	3.1	3.72	4.96	6.2	7.44	8.12	8.8	10.16
s	Nominal Size	2	2.5	3	4	5	6	8	10	10	12
	max	2.045	2.56	3.071	4.084	5.084	6.095	8.115	10.127	10.127	12.146
	min	2.02	2.52	3.02	4.02	5.02	6.02	8.025	10.025	10.025	12.032
e	min	2.3	2.87	3.44	4.58	5.72	6.86	9.15	11.5	11.5	13.8
t	min	1.1	1.5	1.9	2.2	3	3.6	4.3	4.7	4.8	5.6
b	min	18	20	22	24	28	32	36	40	44	52
alpha	0,+2°	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°

NOTE: ALL DIMENSIONS ARE IN MM.