

# Socket Head Cap Screws Table

## Number Cap Screws

Screw Size	Decimal Equiv.	Hex Key	Screw Head		Counterbore		Countersink Diam, 60° (in)	Clearance Drills	
			Diam. (in)	Height (in)	Diam. (in)	Depth (in)		Norm. Fit	Close Fit
No. 0	0.060	0.050	0.096	0.060	1/8	0.060	0.074	#49	#51
No. 1	0.073	1/16	0.118	0.073	5/32	0.073	0.087	#43	#46
No. 2	0.086	5/64	0.140	0.086	3/16	0.086	0.102	#36	3/32"
No. 3	0.099	5/64	0.161	0.099	7/32	0.099	0.115	#31	#36
No. 4	0.112	3/32	0.183	0.112	7/32	0.112	0.130	#29	1/8"
No. 5	0.125	3/32	0.205	0.125	1/4	0.125	0.145	#23	9/64"
No. 6	0.138	7/64	0.226	0.138	9/32	0.138	0.158	#18	#23
No. 8	0.164	9/64	0.270	0.164	5/16	0.164	0.188	#10	#15
No. 10	0.190	5/32	0.312	0.190	3/8	0.190	0.218	#2	#5
No. 12	0.216	5/32	0.345	0.216	13/32	0.216		1/4"	15/64"

## Fractional Cap Screws

Screw Size	Decimal	Hex Key	Screw Head	Counterbore	Countersink	Clearance Drills
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	<b>Equiv.</b>		<b>Diam. (in)</b>	<b>Height (in)</b>		<b>Diam. (in)</b>	<b>Depth (in)</b>	<b>Diam, 60° (in)</b>	<b>Norm. Fit</b>	<b>Close Fit</b>
1/4"	0.250	3/16	0.375	0.250	7/16	0.250	0.278	9/32"	17/64"	
5/16"	0.313	1/4	0.469	0.313	17/32	0.313	0.346	11/32"	21/64"	
3/8"	0.375	5/16	0.563	0.375	5/8	0.375	0.415	13/32"	25/64"	
7/16"	0.438	3/8	0.656	0.438	23/32	0.438	0.483	15/32"	29/64"	
1/2"	0.500	3/8	0.750	0.500	13/16	0.500	0.552	17/32"	33/64"	
9/16"	0.563	7/16	0.844	0.563	29/32	0.563		39/64"	37/64"	
5/8"	0.625	1/2	0.938	0.625	1	0.625	0.689	21/32"	41/64"	
3/4"	0.750	5/8	1.125	0.750	1-3/16	0.750	0.828	25/32"	49/64"	
7/8"	0.875	3/4	1.313	0.875	1-3/8	0.875	0.963	29/32"	57/64"	
1"	1.000	3/4	1.500	1.000	1-5/8	1.000	1.100	1-1/32"	1-1/64"	
1-1/8"	1.125	7/8	1.688	1.125	1-13/16	1.125		1-11/64"	#26	
1-1/4"	1.250	7/8	1.875	1.250	2	1.250	1.370	1-5/16"	1-9/32"	
1-1/2"	1.500	1	2.250	1.500	2-3/8	1.500	1.640	1-9/16"	1-17/32"	
1-3/4"	1.750	1-1/4	2.625	1.750	2-3/4	1.750	1.910	1-13/16"	1-25/32"	
2"	2.000	1-1/2	3.000	2.000	3-1/8	2.000	2.180	2-1/16"	2-1/32"	

### Metric Cap Screws

<b>Screw</b>	<b>Decimal</b>	<b>Hex</b>	<b>Screw Head</b>	<b>Counterbore</b>	<b>Countersink</b>	<b>Clearance Drills</b>
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Size	Equiv.	Key	Diam. (mm)	Height (mm)	Diam. (mm)	Depth (mm)	Diam, 60° (mm)	Norm. Fit	Close Fit
M1.6	0.062	1.5	3.0	1.6	3.50	1.6	2.0	1.95	1.80
M2	0.078	1.5	3.8	2.0	4.40	2.0	2.6	2.40	2.20
M2.5	0.098	2	4.5	2.5	5.40	2.5	3.1	3.00	2.70
M2.6	0.102	2	5.0	2.6	6.00	2.6		3.20	3.00
M3	0.118	2.5	5.5	3.0	6.50	3.0	3.6	3.70	3.40
M4	0.157	3	7.0	4.0	8.25	4.0	4.7	4.80	4.40
M5	0.196	4	8.5	5.0	9.75	5.0	5.7	5.80	5.40
M6	0.236	5	10.0	6.0	11.20	6.0	6.8	6.80	6.40
M8	0.315	6	13.0	8.0	14.50	8.0	9.2	8.80	8.40
M10	0.393	8	16.0	10.0	17.50	10.0	11.2	10.80	10.50
M12	0.472	10	18.0	12.0	19.50	12.0	14.2	13.00	12.50
M14	0.551	12	21.0	14.0	22.50	14.0	16.2	15.00	14.50
M16	0.629	14	24.0	16.0	25.50	16.0	18.2	17.00	16.50
M18	0.708	14	27.0	18.0	28.50	18.0		19.00	18.50
M20	0.787	17	30.0	20.0	31.50	20.0	22.4	21.00	20.50
M24	0.944	19	36.0	24.0	37.50	24.0	26.4	25.00	24.50
M30	1.181	22	45.0	30.0	47.50	30.0	33.4	31.50	31.00
M36	1.417	27	54.0	36.0	56.50	36.0	39.4	37.50	37.00

M42	1.653		63.0	42.0	66.00	42.0	45.6	44.00	43.00
M48	1.889		72.0	48.0	75.00	48.0	52.6	50.00	49.00