

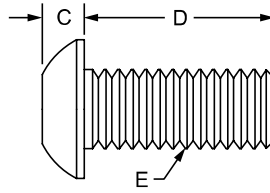
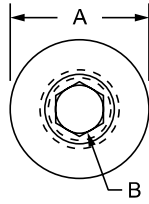
## Button Head Socket Cap Screw



Black Zinc/  
Black-Coated



Blue Zinc/  
Blue-Coated



Bright Zinc



Stainless Steel

Part No.	Series	Material	Finish	A	B	C	D (Length)	E (Thread)	Thread Length	Weight
3005	F	Steel	Black Zinc	.305"	3/32	.082"	.375"	8-32	Full Thread	.002 lb
3024	F	Steel	Black Zinc	.305"	3/32	.082"	.500"	8-32	Full Thread	.003 lb
3032	F	Steel	Black Zinc	.305"	3/32	.082"	.875"	8-32	Full Thread	.005 lb
3042	F	Steel	Black Zinc	.354	1/8	.096"	.375"	10-32	Full Thread	.040 lb
3694	F	Stainless-Steel	Stainless	.354"	1/8	.096"	.375"	10-32	Full Thread	.004 lb
3050	F	Steel	Black Zinc	.354"	1/8	.096"	.500"	10-32	Full Thread	.005 lb
3696	F	Stainless-Steel	Stainless	.354"	1/8	.096"	.500"	10-32	Full Thread	.005 lb
3051	F	Steel	Black Zinc	.354"	1/8	.096"	.625"	10-32	Full Thread	.005 lb
3698	F	Stainless-Steel	Stainless	.354"	1/8	.096"	.625"	10-32	Full Thread	.006 lb
3054	F	Steel	Black Zinc	.354"	1/8	.096"	.750"	10-32	Full Thread	.006 lb
3059	F	Steel	Black Zinc	.428"	5/32	.127"	.375"	1/4-20	Full Thread	.007 lb
3688	F	Stainless-Steel	Stainless	.428"	5/32	.127"	.375"	1/4-20	Full Thread	.007 lb
65-3059	F	Steel	Black Zinc	.428"	5/32	.127"	.375"	1/4-20	Full Thread	.007 lb
3061	F	Steel	Black Zinc	.428"	5/32	.127"	.500"	1/4-20	Full Thread	.008 lb
3690	F	Stainless-Steel	Stainless	.428"	5/32	.127"	.500"	1/4-20	Full Thread	.008 lb
65-3061	F	Steel	Black Zinc	.428"	5/32	.127"	.500"	1/4-20	Full Thread	.008 lb
3063	F	Steel	Black Zinc	.428"	5/32	.127"	.625"	1/4-20	Full Thread	.009 lb
3663	F	Stainless-Steel	Stainless	.428"	5/32	.127"	.625"	1/4-20	Full Thread	.009 lb
65-3063	F	Steel	Black Zinc	.428"	5/32	.127"	.625"	1/4-20	Full Thread	.010 lb
3065	F	Steel	Black Zinc	.428"	5/32	.127"	.750"	1/4-20	Full Thread	.011 lb
3692	F	Stainless-Steel	Stainless	.428"	5/32	.127"	.750"	1/4-20	Full Thread	.010 lb
65-3065	F	Steel	Black Zinc	.428"	5/32	.127"	.750"	1/4-20	Full Thread	.011 lb
3104	F	Steel	Black Zinc	.537"	3/16	.159"	.500"	5/16-18	Full Thread	.014 lb
3609	F	Stainless-Steel	Stainless	.537"	3/16	.159"	.500"	5/16-18	Full Thread	.014 lb
3940	F RT	Steel	Bright Zinc	.537"	3/16	.159"	.500"	5/16-18	Full Thread	.018 lb
65-3104	F	Steel	Black Zinc	.537"	3/16	.159"	.500"	5/16-18	Full Thread	.014 lb
3111	F	Steel	Black Zinc	.537"	3/16	.159"	.625"	5/16-18	Full Thread	.020 lb
3611	F	Stainless-Steel	Stainless	.537"	3/16	.159"	.625"	5/16-18	Full Thread	.017 lb
65-3111	F	Steel	Black Zinc	.537"	3/16	.159"	.625"	5/16-18	Full Thread	.016 lb
3114	F	Steel	Black Zinc	.537"	3/16	.159"	.750"	5/16-18	Full Thread	.019 lb
3614	F	Stainless-Steel	Stainless	.537"	3/16	.159"	.750"	5/16-18	Full Thread	.019 lb
3941	F RT	Steel	Bright Zinc	.537"	3/16	.159"	.750"	5/16-18	Full Thread	.028 lb
65-3114	F	Steel	Black Zinc	.537"	3/16	.159"	.750"	5/16-18	Full Thread	.018 lb
3117	F	Steel	Black Zinc	.537"	3/16	.159"	.875"	5/16-18	Full Thread	.020 lb
3617	F	Stainless-Steel	Stainless	.537"	3/16	.159"	.875"	5/16-18	Full Thread	.021 lb
3118	F	Steel	Black Zinc	.537"	3/16	.159"	1.000"	5/16-18	Full Thread	.022 lb
3621	F	Stainless-Steel	Stainless	.537"	3/16	.159"	1.000"	5/16-18	Full Thread	.023 lb
3942	F RT	Steel	Bright Zinc	.537"	3/16	.159"	1.000"	5/16-18	Full Thread	.023 lb
65-3118	F	Steel	Black Zinc	.537"	3/16	.159"	1.000"	5/16-18	Full Thread	.022 lb
3943	F RT	Steel	Bright Zinc	.537"	3/16	.159"	1.250"	5/16-18	Full Thread	.027 lb
3944	F RT	Steel	Bright Zinc	.537"	3/16	.159"	1.500"	5/16-18	Full Thread	.031 lb
3945	F RT	Steel	Bright Zinc	.537"	3/16	.159"	1.750"	5/16-18	Full Thread	.035 lb
3946	F RT	Steel	Bright Zinc	.537"	3/16	.159"	2.000"	5/16-18	Full Thread	.034 lb
3947	F RT	Steel	Bright Zinc	.537"	3/16	.159"	2.250"	5/16-18	Full Thread	.044 lb
3948	F RT	Steel	Bright Zinc	.537"	3/16	.159"	3.500"	5/16-18	Full Thread	.065 lb

## Button Head Socket Cap Screw (Continued)

Part No.	Series	Material	Finish	A	B	C	D (Length)	E (Thread)	Thread Length	Weight
11-4310	<b>M</b>	Steel	Black Zinc	7.60mm	2.50mm	2.20mm	10.00mm	M4 x 0.7	Full Thread	.0012 kg
11-4312	<b>M</b>	Steel	Black Zinc	7.60mm	2.50mm	2.20mm	12.00mm	M4 x 0.7	Full Thread	.0014 kg
11-5308	<b>M</b>	Steel	Black Zinc	9.32mm	3.00mm	2.63mm	8.00mm	M5 x 0.8	Full Thread	.0018 kg
11-5310	<b>M</b>	Steel	Black Zinc	9.32mm	3.00mm	2.63mm	10.00mm	M5 x 0.8	Full Thread	.0023 kg
13-5310	<b>M</b>	Steel	Blue Zinc	9.32mm	3.00mm	2.63mm	10.00mm	M5 x 0.8	Full Thread	.0023 kg
17-5310	<b>M</b>	Stainless-Steel	Stainless	9.32mm	3.00mm	2.63mm	10.00mm	M5 x 0.8	Full Thread	.0023 kg
11-5312	<b>M</b>	Steel	Black Zinc	9.32mm	3.00mm	2.63mm	12.00mm	M5 x 0.8	Full Thread	.0023 kg
13-5312	<b>M</b>	Steel	Blue Zinc	9.32mm	3.00mm	2.63mm	12.00mm	M5 x 0.8	Full Thread	.0023 kg
17-5312	<b>M</b>	Stainless-Steel	Stainless	9.32mm	3.00mm	2.63mm	12.00mm	M5 x 0.8	Full Thread	.0023 kg
11-5314	<b>M</b>	Steel	Black Zinc	9.32mm	3.00mm	2.63mm	14.00mm	M5 x 0.8	Full Thread	.0027 kg
11-5316	<b>M</b>	Steel	Black Zinc	9.32mm	3.00mm	2.63mm	16.00mm	M5 x 0.8	Full Thread	.0027 kg
13-5316	<b>M</b>	Steel	Blue Zinc	9.32mm	3.00mm	2.63mm	16.00mm	M5 x 0.8	Full Thread	.0027 kg
17-5316	<b>M</b>	Stainless-Steel	Stainless	9.32mm	3.00mm	2.63mm	16.00mm	M5 x 0.8	Full Thread	.0027 kg
13-5320	<b>M</b>	Steel	Blue Zinc	9.32mm	3.00mm	2.63mm	20.00mm	M5 x 0.8	Full Thread	.0032 kg
11-6310	<b>M</b>	Steel	Black Zinc	10.29mm	4.00mm	3.15mm	10.00mm	M6 x 1.0	Full Thread	.0032 kg
13-6310	<b>M</b>	Steel	Blue Zinc	10.29mm	4.00mm	3.15mm	10.00mm	M6 x 1.0	Full Thread	.0032 kg
17-6310	<b>M</b>	Stainless-Steel	Stainless	10.29mm	4.00mm	3.15mm	10.00mm	M6 x 1.0	Full Thread	.0032 kg
3802	<b>M</b>	Steel	Bright Zinc	10.29mm	4.00mm	3.15mm	12.00mm	M6 x 1.0	Full Thread	.0059 kg
11-6312	<b>M</b>	Steel	Black Zinc	10.29mm	4.00mm	3.15mm	12.00mm	M6 x 1.0	Full Thread	.0032 kg
13-6312	<b>M</b>	Steel	Blue Zinc	10.29mm	4.00mm	3.15mm	12.00mm	M6 x 1.0	Full Thread	.0032 kg
17-6312	<b>M</b>	Stainless-Steel	Stainless	10.29mm	4.00mm	3.15mm	12.00mm	M6 x 1.0	Full Thread	.0032 kg
19-6312	<b>M</b>	Steel	Bright Zinc	10.29mm	4.00mm	3.15mm	12.00mm	M6 x 1.0	Full Thread	.0032 kg
11-6314	<b>M</b>	Steel	Black Zinc	10.29mm	4.00mm	3.15mm	14.00mm	M6 x 1.0	Full Thread	.0036 kg
3804	<b>M</b>	Steel	Bright Zinc	10.29mm	4.00mm	3.15mm	16.00mm	M6 x 1.0	Full Thread	.0036 kg
11-6316	<b>M</b>	Steel	Black Zinc	10.29mm	4.00mm	3.15mm	16.00mm	M6 x 1.0	Full Thread	.0041 kg
13-6316	<b>M</b>	Steel	Blue Zinc	10.29mm	4.00mm	3.15mm	16.00mm	M6 x 1.0	Full Thread	.0041 kg
17-6316	<b>M</b>	Stainless-Steel	Stainless	10.29mm	4.00mm	3.15mm	16.00mm	M6 x 1.0	Full Thread	.0041 kg
19-6316	<b>M</b>	Steel	Bright Zinc	10.29mm	4.00mm	3.15mm	16.00mm	M6 x 1.0	Full Thread	.0039 kg
11-6318	<b>M</b>	Steel	Black Zinc	10.29mm	4.00mm	3.15mm	18.00mm	M6 x 1.0	Full Thread	.0045 kg
3808	<b>M</b>	Steel	Bright Zinc	10.29mm	4.00mm	3.15mm	20.00mm	M6 x 1.0	Full Thread	.0045 kg
11-6320	<b>M</b>	Steel	Black Zinc	10.29mm	4.00mm	3.15mm	20.00mm	M6 x 1.0	Full Thread	.0045 kg
13-6320	<b>M</b>	Steel	Blue Zinc	10.29mm	4.00mm	3.15mm	20.00mm	M6 x 1.0	Full Thread	.0045 kg
17-6320	<b>M</b>	Stainless-Steel	Stainless	10.29mm	4.00mm	3.15mm	20.00mm	M6 x 1.0	Full Thread	.0045 kg
19-6320	<b>M</b>	Steel	Bright Zinc	10.29mm	4.00mm	3.15mm	20.00mm	M6 x 1.0	Full Thread	.0045 kg
3809	<b>M</b>	Steel	Bright Zinc	10.29mm	4.00mm	3.15mm	25.00mm	M6 x 1.0	Full Thread	.0054 kg
13-6325	<b>M</b>	Steel	Blue Zinc	10.29mm	4.00mm	3.15mm	25.00mm	M6 x 1.0	Full Thread	.0054 kg
19-6325	<b>M</b>	Steel	Bright Zinc	10.29mm	4.00mm	3.15mm	25.00mm	M6 x 1.0	Full Thread	.0054 kg
3811	<b>M</b>	Steel	Bright Zinc	13.79mm	5.00mm	4.23mm	12.00mm	M8 x 1.25	Full Thread	.0064 kg
11-8312	<b>M</b>	Steel	Black Zinc	13.79mm	5.00mm	4.23mm	12.00mm	M8 x 1.25	Full Thread	.0068 kg
13-8312	<b>M</b>	Steel	Blue Zinc	13.79mm	5.00mm	4.23mm	12.00mm	M8 x 1.25	Full Thread	.0068 kg
13-3940	<b>M RT</b>	Steel	Blue Zinc	14.00mm	8.00mm	6.60mm	12.00mm	M8 x 1.25	Full Thread	.0067 kg
17-8312	<b>M</b>	Stainless-Steel	Stainless	13.79mm	5.00mm	4.23mm	12.00mm	M8 x 1.25	Full Thread	.0068 kg
19-8312	<b>M</b>	Steel	Bright Zinc	13.79mm	5.00mm	4.23mm	12.00mm	M8 x 1.25	Full Thread	.0068 kg
3813	<b>M</b>	Steel	Bright Zinc	13.79mm	5.00mm	4.23mm	16.00mm	M8 x 1.25	Full Thread	.0077 kg
11-8316	<b>M</b>	Steel	Black Zinc	13.79mm	5.00mm	4.23mm	16.00mm	M8 x 1.25	Full Thread	.0077 kg
13-8316	<b>M</b>	Steel	Blue Zinc	13.79mm	5.00mm	4.23mm	16.00mm	M8 x 1.25	Full Thread	.0077 kg
17-8316	<b>M</b>	Stainless-Steel	Stainless	13.79mm	5.00mm	4.23mm	16.00mm	M8 x 1.25	Full Thread	.0077 kg
19-8316	<b>M</b>	Steel	Bright Zinc	13.79mm	5.00mm	4.23mm	16.00mm	M8 x 1.25	Full Thread	.0077 kg
11-8318	<b>M</b>	Steel	Black Zinc	13.79mm	5.00mm	4.23mm	18.00mm	M8 x 1.25	Full Thread	.0082 kg
3815	<b>M</b>	Steel	Bright Zinc	13.79mm	5.00mm	4.23mm	20.00mm	M8 x 1.25	Full Thread	.0091 kg
11-8320	<b>M</b>	Steel	Black Zinc	13.79mm	5.00mm	4.23mm	20.00mm	M8 x 1.25	Full Thread	.0092 kg
13-8320	<b>M</b>	Steel	Blue Zinc	13.79mm	5.00mm	4.23mm	20.00mm	M8 x 1.25	Full Thread	.0092 kg
13-3941	<b>M RT</b>	Steel	Blue Zinc	13.79mm	5.00mm	4.23mm	20.00mm	M8 x 1.25	Full Thread	.0092 kg
17-8320	<b>M</b>	Stainless-Steel	Stainless	13.79mm	5.00mm	4.23mm	20.00mm	M8 x 1.25	Full Thread	.0092 kg

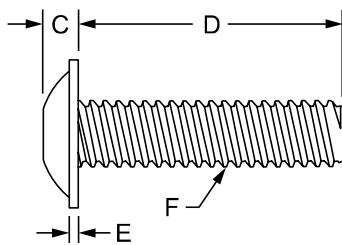
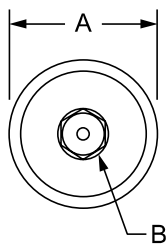
View page 3-177 for dimensional drawing

## Button Head Socket Cap Screw (Continued)

Part No.	Series	Material	Finish	A	B	C	D (Length)	E (Thread)	Thread Length	Weight
19-8320	<b>M</b>	Steel	Bright Zinc	13.79mm	5.00mm	4.23mm	20.00mm	M8 x 1.25	Full Thread	.0092 kg
3819	<b>M</b>	Steel	Bright Zinc	13.79mm	5.00mm	4.23mm	25.00mm	M8 x 1.25	Full Thread	.0104 kg
11-8325	<b>M</b>	Steel	Black Zinc	13.79mm	5.00mm	4.23mm	25.00mm	M8 x 1.25	Full Thread	.0104 kg
13-8325	<b>M</b>	Steel	Blue Zinc	13.79mm	5.00mm	4.23mm	25.00mm	M8 x 1.25	Full Thread	.0104 kg
17-8325	<b>M</b>	Stainless-Steel	Stainless	13.79mm	5.00mm	4.23mm	25.00mm	M8 x 1.25	Full Thread	.0104 kg
19-8325	<b>M</b>	Steel	Bright Zinc	13.79mm	5.00mm	4.23mm	25.00mm	M8 x 1.25	Full Thread	.0104 kg
13-3943	<b>M RT</b>	Steel	Blue Zinc	14.00mm	8.00mm	6.60mm	30.00mm	M8 x 1.25	Full Thread	.0121 kg
13-3944	<b>M RT</b>	Steel	Blue Zinc	14.00mm	8.00mm	6.60mm	40.00mm	M8 x 1.25	Full Thread	.0154 kg
13-3945	<b>M RT</b>	Steel	Blue Zinc	14.00mm	8.00mm	6.60mm	45.00mm	M8 x 1.25	Full Thread	.0169 kg
13-3946	<b>M RT</b>	Steel	Blue Zinc	14.00mm	8.00mm	6.60mm	50.00mm	M8 x 1.25	Full Thread	.0187 kg
13-3947	<b>M RT</b>	Steel	Blue Zinc	14.00mm	8.00mm	6.60mm	60.00mm	M8 x 1.25	Full Thread	.0217 kg
13-3948	<b>M RT</b>	Steel	Blue Zinc	14.00mm	8.00mm	6.60mm	80.00mm	M8 x 1.25	Full Thread	.0263 kg

View page 3-177 for dimensional drawing

## Flanged Button Head Socket Cap Screw



Black Zinc



Stainless Steel



Blue Zinc

Part No.	Series	Material	Finish	A	B	C	D (Length)	E	F (Thread)	Thread Length	Weight
3390	<b>F</b>	Steel	Black Zinc	.560"	5/32	.132"	.375"	.046"	1/4-20	Full Thread	.007 lb
3601	<b>F</b>	Stainless-Steel	Stainless	.560"	5/32	.132"	.375"	.046"	1/4-20	Full Thread	.007 lb
3342	<b>F</b>	Steel	Black Zinc	.560"	5/32	.132"	.500"	.046"	1/4-20	Full Thread	.009 lb
3603	<b>F</b>	Stainless-Steel	Stainless	.560"	5/32	.132"	.500"	.046"	1/4-20	Full Thread	.008 lb
3066	<b>F</b>	Steel	Black Zinc	.560"	5/32	.132"	.750"	.046"	1/4-20	Full Thread	.011 lb
3604	<b>F</b>	Stainless-Steel	Stainless	.560"	5/32	.132"	.750"	.046"	1/4-20	Full Thread	.011 lb
3340	<b>F</b>	Steel	Black Zinc	.660"	3/16	.166"	.500"	.060"	5/16-18	Full Thread	.017 lb
3606	<b>F</b>	Stainless-Steel	Stainless	.660"	3/16	.166"	.500"	.060"	5/16-18	Full Thread	.016 lb
3330	<b>F</b>	Steel	Black Zinc	.660"	3/16	.166"	.687"	.060"	5/16-18	Full Thread	.019 lb
3607	<b>F</b>	Stainless-Steel	Stainless	.660"	3/16	.166"	.687"	.060"	5/16-18	Full Thread	.019 lb
13-6410	<b>M</b>	Steel	Blue Zinc	13.25mm	4.00mm	3.15mm	10.00mm	1.10mm	M6 x 1.0	Full Thread	.0034 kg
17-6410	<b>M</b>	Stainless-Steel	Stainless	13.25mm	4.06mm	3.15mm	10.00mm	1.10mm	M6 x 1.0	Full Thread	.0034 kg
13-6412	<b>M</b>	Steel	Blue Zinc	13.25mm	4.00mm	3.15mm	12.00mm	1.10mm	M6 x 1.0	Full Thread	.0038 kg
17-6412	<b>M</b>	Stainless-Steel	Stainless	13.25mm	4.06mm	3.15mm	12.00mm	1.10mm	M6 x 1.0	Full Thread	.0038 kg
13-6416	<b>M</b>	Steel	Blue Zinc	13.25mm	4.00mm	3.15mm	16.00mm	1.10mm	M6 x 1.0	Full Thread	.0044 kg
17-6416	<b>M</b>	Stainless-Steel	Stainless	13.25mm	4.06mm	3.15mm	16.00mm	1.10mm	M6 x 1.0	Full Thread	.0044 kg
13-8416	<b>M</b>	Steel	Blue Zinc	17.45mm	5.00mm	4.25mm	16.00mm	1.38mm	M8 x 1.25	Full Thread	.0090 kg
17-8416	<b>M</b>	Stainless-Steel	Stainless	17.45mm	5.00mm	4.25mm	16.00mm	1.38mm	M8 x 1.25	Full Thread	.0118 kg
13-8425	<b>M</b>	Steel	Blue Zinc	17.45mm	5.00mm	4.25mm	25.00mm	1.38mm	M8 x 1.25	Full Thread	.0090 kg
17-8425	<b>M</b>	Stainless-Steel	Stainless	17.45mm	5.00mm	4.25mm	25.00mm	1.38mm	M8 x 1.25	Full Thread	.0118 kg