## Socket Head Cap Screws

Technical drawings and 3-D models available for items with this symbol.

For information about socket head cap screw thread lengths, dimensions, and hex keys, see page 2898.

## Stainless Steel



Partially Threaded

is 100,000 psi. Length is measured from under head. Screws indicated with a - are always fully threaded. 18-8 stainless steel offers excellent corrosion resistance. It may be mildly magnetic.

Military specification 300 series stainless steel screws are not only corrosion resistant, but they also meet more stringent specifications than standard screws. Coarse thread screws meet Mil. Spec. 16995; fine thread screws meet Mil. Spec. 16996. Made in the U.S.A. Passivated (a nitric acid treatment that creates a passive film to protect the stainless steel from oxidation and corrosion) to QQ-P-35. Meet

All of these cap screws have a Class 3A thread fit. Rockwell hardness is B100. Minimum tensile strength

Type 316 stainless steel is more corrosion resistant than 18-8 stainless steel and just as strong. It's nonmagnetic, and contains molybdenum that helps it withstand many industrial chemicals and solvents as well as pitting caused by chlorides

			d by chlo	orides	S.								
Lg.	Pkg. Qty.	Per Pkg.	Pko Lg. Qty		Pkg.		Pkg. ⊇ty.	Pe	er Pkg.	Lg.	Pkg. Qty.	Pe	r Pkg.
		nless Steel	_9,		5			less Steel (C			,		
0-80	otan	11033 01001	6-32 (Con	t.)		10-32 (			,0111.,	5/12" - 1	8 (Cor	nt )	
	100	<b>92196A052♣</b> \$5.75	13/4" 25	92196A158\$	4.84	31/2"	5	92196A284	\$12.70	5"	1	.92196A604*	\$2.88
		<b>92196A054♣</b> 6.03	2" 25	92196A159	5.99	4"	5	92196A286				.92196A606*	
		<b>92196A055♣</b> 6.31	6-40			5"	1	92196A288	3.02	5/16"-2			
		<b>92196A056♣</b> 6.59			9.57	6"	1	92196A290	3.23			.92196A335	6.59
		<b>92196A057♣</b> 6.87		92196A136 \$ 1		12-24	_			5/8"	25	.92196A337	7.13
	100	<b>92196A070♣</b> 11.97		92196A137♣	7.58	11/4"	5	92196A261	6.57	3/4"	25	.92196A339	7.66
1-72	100	0010/40/24 0.52	8-32	<b>92196A189♣</b> 1	12.00	1/4"-20						.92196A341	
		<b>92196A063♣</b> 9.53 <b>92196A065♣</b> 9.66		92196A169	5.18			92196A533 *				.92196A343	
		<b>92196A066♣</b> 9.82		92196A191	4.68			92196A535				.92196A344 .92196A345	
		<b>92196A068♣</b> 10.16		92196A192 *	4.83			92196A537 * 92196A539 *					
2-56			<sup>7</sup> /16″ 100	92196A193 🗫	4.98			92196A540				.92196A346 .92196A347	
	100	<b>92196A074♣</b> 5.07	1/2"100	92196A194 ♣	5.05			92196A541 *				.92196A349	
3/16"	100	<b>92196A076♣</b> 5.25			14.33	1"1	100	92196A542 4	11.50	31/2"	5	92196A351*	9.55
		<b>92196A077♣</b> 5.28		92196A196	5.35			92196A543	6.25			.92196A353*	3.21
		<b>92196A078</b> ♣ 5.45		92196A197♣ 92196A198	5.58 5.58			92196A544		3/8" - 16	5		
		<b>92196A079♣</b> 5.63						92196A546 92196A548	4.61			.92196A618	
		<b>92196A082</b> \$ 5.81		92196A199 92196A200	5.71 7.23				5.14			.92196A619	
		<b>92196A081♣</b> 5.73 <b>92196A083♣</b> 6.63		92196A201		2" 2 <sup>1</sup> / <sub>4</sub> "	25	92196A550 92196A551	6.02 6.51			.92196A621	
		<b>92196A084</b> 7.84	11/2"100	92196A203	8.20	21/2"	25	92196A552	7.20	7/0"	25 25	92196A622	• 6.79 • 7.20
		<b>92196A086</b> 10.74	13/4" 25	92196A204	5.04	23/4"	25	92196A553	7.38				
		<b>92196A140</b> 11.19		92196A205				92196A554	4.40			.92196A624	
		<b>92196A141</b> 10.77		92196A207		31/4"	5	92196A555	5.46			.92196A628	
3-48			3" 5	92196A209	6.02	31/2"	5	92196A556	3.87			92196A630	
	100	<b>92196A091♣</b> 11.82	8-36			33/4"	5	92196A557	12.29			.92196A632	
		<b>92196A092♣</b> 11.97			6.25	4" 4 <sup>1</sup> / <sub>2</sub> "		92196A558 92196A559	8.92 4.45			92196A633	
		<b>92196A101</b> ♣ 10.79	3/4" 25	92196A219♣	6.63	5"		92196A561		21/2"	10	.92196A634	. 6.80
1/2"	100	<b>92196A102♣</b> 11.32	10-24			5 ········		92196A563	4.88 4.78	23/4"	10	.92196A635	. 7.56
4-40				<b>92196A309</b> 4 1		6"		92196A565	5.00			.92196A636	
1/8"	100	<b>92196A103♣</b> 7.32			8.39	1/4"-28						.92196A637	
1/4"	100	<b>92196A105♣</b> 5.54 <b>92196A106♣</b> 3.36		92196A240♣ 92196A242♣	5.35 6.61	1/4"	10	92196A313♣	4.26	3 1/2"	5	.92196A638 92196A639	. 7.46 . 9.15
		<b>92196A107♣</b> 3.41		92196A244	6.82	3/8"	50	92196A315	7.50	Δ"	5 5	.92196A640	9.13
		<b>92196A108♣</b> 3.54		92196A245 A	7.34	1/2"		92196A317 *	5.96			.92196A642	
7/16"	100	<b>92196A109♣</b> 3.82	<sup>7</sup> /8"100	92196A246 🏶	7.91	5/8"		92196A319 *	6.74			.92196A644	
		<b>92196A110♣</b> 3.98	1"100	92196A247	8.56	3/4"	50	92196A321	7.40			92196A646	
		<b>92196A111♣</b> 5.03		92196A249		7/8"		92196A323				.92196A648	
		<b>92196A112♣</b> 4.09		92196A2511		1" 1 <sup>1</sup> / <sub>4</sub> "	50	92196A325 4 92196A327	8.45 4.90			.92196A649*	
		<b>92196A113♣</b> 4.42 <b>92196A114</b> 4.82		<b>92196A252</b> 1		1 1/2"	25	92196A327	6.39	7"	1	.92196A651*	5.35
				92196A253		13/4"	25	92196A330	7.48	8″	1	.92196A654*	5.64
		<b>92196A115</b> 5.41 <b>92196A302</b> 8.63		92196A254 92196A255		2"		92196A331	8.95	3/8"-24			
11/2"	100	<b>92196A119</b> 10.31				21/4"	25	92196A340				.92196A355	
5-40		,2.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		92196A257		21/2"	10	92196A332	5.48			.92196A356	
	100	<b>92196A125♣</b> 10.74	31/2" 1	92196A258	2.54	3" 3 <sup>1</sup> / <sub>2</sub> "	10	92196A333	6.50			.92196A359	
		<b>92196A126♣</b> 10.74	4" 1	92196A259	2.80	4"	ე 1	92196A342 92196A334	14.04 4.50			92196A361	
		<b>92196A128♣</b> 11.59	10-32			5/16" - 18	1	72170A334	4.50	11/2"	10	.92196A363	. 6.85
		<b>92196A130</b> ♣ 14.33		<b>92196A265</b> 4 1			10	92196A576	4.34			.92196A364	. 7.58
		<b>92196A131♣</b> 9.78 <b>92196A129</b> 9.17			8.39			92196A578		2"	5	.92196A365	. 4.34
	50	<b>92196A129</b> 9.17		92196A267♣ 92196A268♣	5.35 6.51	5/8"	50	92196A580 4	7.68	21/2"	5	92196A367	. 5.13
6-32	FO	0210/4120 • 0.72		92196A269 \$	6.61	3/4"	50	92196A581		3"	5	.92196A369 .92196A371*	7.58
		<b>92196A139♣</b> 8.72 <b>92196A143♣</b> 9.39		92196A270	5.55	7/8"		92196A582 ♣					
				92196A271	6.82	1"	25	92196A583 *		4"	 1	.92196A373* .92196A374*	3.49 3.88
5/16"	100	<b>92196A144♣</b> 4.32 <b>92196A145♣</b> 4.41	3/4"100	92196A272 A	7.34	11/4"	25	92196A585 92196A587	5.93			.92196A376*	
		<b>92196A146♣</b> 4.57		92196A273♣	7.91	1 <sup>1</sup> / <sub>2</sub> " 1 <sup>3</sup> / <sub>4</sub> "		92196A587 92196A589	6.63 7.72	6"	1	92196A378*	5.18
<sup>7</sup> /16"	100	<b>92196A147♣</b> 4.67	1"100	92196A274	8.56	2"		92196A591	9.33	7/16"-1			
1/2"	100	<b>92196A148♣</b> 4.77 <b>92196A149♣</b> 13.09		92196A275				92196A592	4.62			.92196A667	6.37
9/16"	100	92196A149 \$ 13.09	11/4"100	92196A276 92196A2771	9.44	21/2"	10	92196A593	5.02	1"	5	.92196A669	6.73
		<b>92196A150♣</b> 4.84 <b>92196A151♣</b> 4.94	1 72 100 13/ <sub>4</sub> " 100	92196A2771	10.08 14.05	23/4"	10	92196A594	5.35			.92196A671	
		<b>92196A152</b> 5.40		92196A279				92196A595	6.02			.92196A673	
		<b>92196A153</b> 5.83	21/4" 25	92196A279	9.66	31/4"	5	92196A596	4.49			.92196A675	
		<b>92196A154</b> 7.02	21/2" 25	92196A281	7.94	31/2"	5	92196A597	5.24			.92196A677 .92196A679	
11/4"	100	<b>92196A155</b> 7.72	23/4" 10	92196A282	7.88	4" 4 <sup>1</sup> / <sub>2</sub> "	ე 1	92196A142 92196A602	6.00 1.86			.92196A681	
		<b>92196A157</b> 10.69	3″ 5	<b>92196A283</b> 1	12.15	1 12	1	72170A002	1.00		• • • • • • • • • • • • • • • • • • • •		

<sup>★</sup> These extra-long screws may have maximum thread length longer than the maximum thread lengths listed on page 2898.

(Continued on following page)