

Part 2 Specialty Fasteners

[2.1 Metric Fasteners](#)

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2.1 METRIC FASTENERS

Class 8.8 Cap Screws - Zinc Plated

Assortment Avail.

95202 & 95205

Feature

- Smooth chamfered end for easier threading.
- Medium carbon steel construction.
- Heat-treated for strength.
- Zinc plated for anti-rust protection.

Applications

- All high-strength, critical metric applications.
- All machinery, equipment, tools, trucks and automotive applications.

Coarse Thread • Class 8.8 Z/P

Length	M4 x 0.7	M5 x 0.8	M6 x 1.0	Qty	M7-1.0	Qty	M8 x 1.25	Qty	M10 x 1.5	Qty
8	30002	–	–	50	–	–	–	–	–	–
10	30004	30036	30072	50	–	–	30144	25	–	–
12	30006	30038	30074	50	–	–	30146	25	–	–
14	–	–	30076	50	–	–	–	–	–	–
16	30008	30040	30078	50	30108	25	30148	25	30180	10
18	–	–	–	–	–	–	30150	25	–	–
20	30010	30042	30080	50	30110	25	30152	25	30182	10
22	–	–	–	–	–	–	30154	25	–	–
25	30012	30044	30082	50	30112	25	30156	25	30184	10
30	30014	30046	30084	50	30114	25	30158	25	30186	10
35	30016	30048	30086	50	30116	25	30160	25	30188	10
40	30018	30050	30088	50	30118	25	30162	25	30190	10
45	–	–	30090	50	–	–	30164	25	30192	10
50	30019	30052	30092	50	30120	25	30166	25	30194	10
55	–	–	–	–	–	–	30168	25	30196	10
60	–	–	30094	50	–	–	30170	10	30198	10
65	–	–	–	–	–	–	30172	10	30200	10
70	–	–	30095	50	–	–	30174	10	30202	10
75	–	–	–	–	–	–	30176	10	30204	10
80	–	–	30096	50	–	–	30178	10	–	–



2.1 METRIC FASTENERS

Class 8.8 Cap Screws - Zinc Plated

Assortment Avail.

95202 &
95205

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Coarse Thread • Class 8.8 Z/P

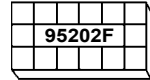
Length	M12 x 1.75	Qty	M14 x 2.0	M16 x 2.0	M18 x 2.5	Qty	M20 x 2.5	Qty
16	30216	10	–	–	–	–	–	–
20	30218	10	–	–	–	–	–	–
25	30220	10	30252	–	–	5	–	–
30	30222	10	30254	30288	–	5	–	–
35	30224	10	30256	–	–	5	–	–
40	30226	10	30258	30290	–	5	–	–
45	30228	10	30260	30292	–	5	–	–
50	30230	10	30262	30294	30324	5	30330	5
60	30232	10	30264	30296	30326	5	30332	5
65	30234	10	–	–	–	–	–	–
70	30236	10	30266	30298	–	5	30334	5
80	30238	5	–	30300	–	5	–	–
90	30240	5	–	–	–	–	–	–



2.1 METRIC FASTENERS

Class 8.8 Cap Screws - Zinc Plated

Assortment Avail.



Fine Pitch • Class 8.8 Z/P

Length	M8 x 1.0	Qty	M10 x 1.0	Qty	M10 x 1.25	Qty
10	30840	25	–	–	–	–
16	30842	25	–	–	–	–
20	30844	25	30890	10	30902	10
25	30846	25	30892	10	30904	10
30	30848	25	30894	10	30906	10
35	30850	10	30896	10	30908	10
40	30852	10	30898	10	30910	10
45	30854	10	–	–	–	–
50	30856	10	30900	10	30912	10
60	–	–	–	–	30914	10
70	–	–	–	–	30916	10

Length	M12 x 1.5	Qty	M12 x 1.25	Qty	M14 x 1.5	Qty
20	30946	10	30960	10	–	–
25	30948	10	30962	10	–	–
30	30950	10	30964	10	30996	5
35	30952	10	30966	10	30998	5
40	30954	10	30968	10	31000	5
50	30956	10	30970	10	31002	5
55	–	–	30972	10	–	–
60	30958	10	30974	5	31004	5



2.1 METRIC FASTENERS

Finished Class 8 Hex Nuts

Coarse Pitch • Class 8 Z/P

No.	Size	Qty
31240	M3 x 0.5	100
31242	M4 x 0.7	100
31244	M5 x 0.8	100
31246	M6 x 1.0	100
31248	M7 x 1.0	100
31250	M8 x 1.25	100
31252	M10 x 1.5	50
31254	M12 x 1.75	25
31256	M14 x 2.0	25
31258	M16 x 2.0	10
31260	M18 x 2.5	10
31262	M20 x 2.5	10



Fine Pitch • Class 8 Z/P

No.	Size	Qty
31340	M8 x 1.0	100
31342	M10 x 1.0	50
31344	M10 x 1.25	25
31346	M12 x 1.5	10
31348	M12 x 1.25	10
31350	M14 x 1.5	10

Assortment Avail.

95202F

Assortment Avail.

95202 & 95205

Grade C Lock Nuts

Coarse Pitch • Class 10 Z/P

No.	Size	Qty
30720	M6 x 1.0	100
30722	M8 x 1.25	50
30724	M10 x 1.5	10
30726	M12 x 1.75	10
30728	M14 x 2.0	10
30730	M16 x 2.0	5
30732	M20 x 2.5	5

Assortment Avail.

95208



Finished Hex Nuts

Coarse Pitch • Class 10 Y/Z

No.	Size	Qty
30660	M6 x 1.0	50
30662	M8 x 1.25	100
30664	M10 x 1.5	50
30666	M12 x 1.75	50
30668	M14 x 2.0	10
30670	M16 x 2.0	10
30672	M20 x 2.5	5
30674	M24 x 3.0	5

Assortment Avail.

95206



Nyloc Hex Nuts

Coarse Pitch • Class 10 Z/P

No.	Size	Qty
31718	M6 x 1.0	50
31719	M8 x 1.25	50
31720	M10 x 1.5	25
31721	M12 x 1.75	10
31722	M14 x 2.0	10
31723	M16 x 2.0	10
31724	M20 x 2.5	10
31725	M24 x 3.0	10



Coarse Pitch • Class 8 Z/P

No.	Size	Qty
31702	M5 x 0.8	100
31704	M6 x 1.0	50
31706	M8 x 1.25	50
31708	M10 x 1.5	25
31710	M12 x 1.75	10
31712	M14 x 2.0	10
31714	M16 x 2.0	10
31716	M20 x 2.5	10



2.1 METRIC FASTENERS

Flat Washers

Assortment Avail.

		95205		

Class 8.8 Flat Washers Z/P

No.	Size	Qty	No.	Size	Qty	No.	Size	Qty
31040	M3	100	31048	M7	100	31056	M14	25
31042	M4	100	31050	M8	100	31058	M16	10
31044	M5	100	31052	M10	100	31059	M18	10
31046	M6	100	31054	M12	50	31060	M20	10



Class 10.9 Flat Washers Y/Z

No.	Size	Qty	No.	Size	Qty	No.	Size	Qty
30780	M5	100	30786	M10	100	30792	M16	25
30782	M6	100	30788	M12	50	30794	M18	10
30784	M8	100	30790	M14	25	30796	M20	10
-	-	-	-	-	-	30797	M24	10



Assortment Avail.

		95206		

Lock Washers Z/P

No.	Size	Qty	No.	Size	Qty	No.	Size	Qty
31140	M4	100	31148	M8	100	31156	M16	25
31142	M5	100	31150	M10	100	31158	M18	25
31144	M6	100	31152	M12	50	31160	M20	10
31146	M7	100	31154	M14	50	31162	M24	10



Assortment Avail.

		95205 & 95206		

Metric High Collar Lock Washers - ZP

Features

- High carbon double heat-treated spring steel.
- Zinc plated for rust resistance.
- Springs back to normal position without loss of locking power.



No.	Size	Qty
31166	M5	100
31168	M6	100
31170	M8	100

No.	Size	Qty
31172	M10	100
31174	M12	50
31176	M14	50



2.1 METRIC FASTENERS

Phillips Pan Head

Features

- Smooth chamfered end for easier threading.
- Medium carbon steel construction.
- Heat-treated for strength.
- Zinc plated for anti-rust protection.

Applications

- All high-strength, critical metric applications.
- All machinery, equipment, tools, trucks and automotive applications..



Length	M4 x 0.7	Qty	M5 x 0.8	Qty	M6 x 1.0	Qty	M8 x 1.25	Qty	M10 x 1.5	Qty
6	31500	100	31550	100	–	–	–	–	–	–
8	31502	100	31552	100	–	–	–	–	–	–
10	31504	100	31554	100	31590	100	–	–	–	–
12	31506	100	31556	100	31592	100	–	–	–	–
14	–	–	–	–	31594	100	–	–	–	–
16	31510	100	31558	100	31596	50	31630	25	31670	10
20	31512	100	31560	100	31598	50	31632	25	31672	10
25	31514	100	31562	50	31600	50	31634	25	31674	10
30	31516	100	31564	50	31602	50	31636	10	31676	10
35	–	–	31566	50	31604	50	31638	10	31678	10
40	31518	50	31568	50	31606	25	31640	10	31680	10



2.1 METRIC FASTENERS

Socket Set Screws



Assortment Avail.

		95212			

Cup Point • Class 12.9

Length	M4	Qty	M6	Qty	M8	Qty	M10	Qty	M12	Qty
6	31774	100	31802	100	–	–	–	–	–	–
8	31776	100	31804	100	31816	50	–	–	–	–
10	31778	100	31806	100	31818	50	31830	50	–	–
12	31780	100	31808	100	31820	50	31832	50	31844	25
16	–	–	31810	50	31822	50	31834	25	31846	25
20	31782	50	31812	50	31824	25	31836	25	31848	10
25	–	–	31814	25	–	–	31838	10	31850	10
30	–	–	–	–	–	–	31840	10	31852	10
35	–	–	–	–	–	–	31842	10	31854	10
40	–	–	–	–	–	–	–	–	31856	10

Flat Socket Cap Screws



Assortment Avail.

		95204			

Features

- Smooth chamfered end for easier threading.
- Medium carbon steel construction.
- Heat-treated for strength.
- Black phosphate coating for rust and corrosion resistance.

Applications

- All high-strength, critical metric applications.
- All machinery, equipment, tools, trucks and automotive applications.
- Ideal for all injection mold applications.

Class 10.9

Length	M4	Qty	M5	Qty	M6	Qty	M8	Qty	M10	Qty	M12	Qty
12	32060	100	32076	100	32092	50	–	–	–	–	–	–
16	32062	100	32078	100	32094	50	–	–	–	–	–	–
20	32064	100	32080	50	32096	50	32108	50	32124	10	–	–
25	32066	100	32082	50	32098	50	32110	25	32126	10	32138	10
30	–	–	–	–	32100	50	32112	25	32128	10	32140	10
35	–	–	–	–	–	–	32114	25	32130	10	–	–
40	–	–	–	–	32102	25	32116	25	32132	10	–	–



2.2 STAINLESS STEEL

Commercial Flat Washers

Assortment Avail.

	95312		



USS Regular

No.	Size	Thickness	Qty
33300	#4	.031	100
33302	#6	.031	100
33304	#8	.031	100
33306	#10	.062	100
33308	#12	.050	100
33310	1/4	.050	100
33312	5/16	.050	50
33314	3/8	.045	50
33316	7/16	.062	25
33318	1/2	.062	25
33322	5/8	.078	10
33324	3/4	.109	5



USS Extra Thick

No.	Size	Thickness	Qty
33340	1/4	.080-.051	50
33342	5/16	.104-.064	50
33344	3/8	.104-.064	25
33346	7/16	.104-.064	25
33348	1/2	.132-.086	10
33350	5/8	.160-.108	5
33352	3/4	.177-.122	5



Fender Washers

No.	Size	Qty
33360	8 x 3/4	50
33362	10 x 3/4	50
33364	1/4 x 1	25



Medium Lock Washers

No.	Size	Qty
33460	#4	100
33462	#6	100
33464	#8	100
33466	#10	100
33468	#12	100
33470	1/4	100
33472	5/16	50
33474	3/8	50
33476	7/16	25
33478	1/2	10
33482	5/8	10
33484	3/4	10



2.2 STAINLESS STEEL

Metric Flat Washers

No.	Size	Qty
32446	M4	50
32448	M5	100
32450	M6	50
32452	M8	50
32454	M10	50
32456	M12	50
32458	M14	25
32460	M16	10
32462	M20	10



Metric Lock Washers

No.	Size	Qty
32506	M4	100
32508	M5	100
32510	M6	50
32512	M8	50
32514	M10	25
32516	M12	25
32518	M14	10
32520	M16	10
32522	M20	10



2.2 STAINLESS STEEL

Hex Head Cap Screws

Features

- Smooth chamfered end for easier threading.
- 18-8 Stainless steel construction protects against rust and corrosion.

Applications

- All stainless steel applications.
- All machinery, equipment, tools, trucks and automotive applications.



National Coarse

Size	1/4-20	5/16-18	Qty	3/8-16	Qty	7/16-14	Qty	1/2-13	Qty	5/8-11	Qty	3/4-10	Qty
1/2"	33640	33662	25	33682	25	-	-	-	-	-	-	-	-
3/4"	33642	33664	25	33684	25	-	-	33728	10	-	-	-	-
1"	33644	33666	25	33686	10	33710	10	33730	10	33769	5	-	-
1-1/4"	33646	33668	25	33688	10	33712	10	33732	10	33770	5	-	-
1-1/2"	33648	33670	25	33690	10	33714	10	33734	10	33772	5	33790	1
1-3/4"	33650	33672	25	33692	10	33716	5	33736	5	33774	1	33792	1
2"	33652	33674	10	33694	10	33718	5	33738	5	33776	1	33794	1
2-1/2"	33654	33676	10	33696	10	33720	5	33740	5	33778	1	33796	1
3"	33656	33678	10	33698	10	33722	5	33742	5	33780	1	33800	1
3-1/2"	33657	33680	10	33700	10	33724	5	33744	1	33782	1	33832	1
4"	33660	33681	10	33702	5	33725	5	33746	1	33784	1	33833	1

18-8 Stainless Steel C/S

- Coarse Thread
- Heat Treated
- Plated Finish

Assortment No. 95300

40 Items • 1540 Pieces
Arranged in a 40-Hole Bin
Metal Cabinet



- 1/4 through 1/2 18-8 stainless cap screws with nuts, lock washers and flat washers.
- Up to 2" long on 1/4 and 5/16 diameter.
- Up to 2-1/2" long on 3/8, 7/16 and 1/2 diameter.



[Back](#)

2.2 STAINLESS STEEL

Metric Cap Screws

Assortment Avail.

95080 &
95081

Length	M4	M5	M6	Qty	M8	Qty	M10	M12	Qty
10	32244	—	32298	25	32324	10	—	—	—
12	32246	32272	32300	25	32326	10	—	—	—
16	32248	32274	32302	25	32328	10	32350	—	5
20	32250	32276	32304	25	32330	10	32352	32376	5
25	32252	32278	32306	25	32332	10	32354	32378	5
30	—	32280	32308	25	32334	10	32356	32380	5
35	—	32282	32310	10	32336	10	23258	32382	5
40	—	32284	32312	10	32338	10	32360	32384	5
45	—	—	—	—	32340	10	32362	32386	5
50	—	—	32314	10	32341	10	32364	32388	5
60	—	—	—	—	32343	10	32368	32390	5
70	—	—	—	—	—	—	32370	32394	5

Length	M14	Qty	M16	Qty	M20	Qty
10	—	—	—	—	—	—
12	—	—	—	—	—	—
16	—	—	—	—	—	—
20	32402	5	32428	1	—	—
25	32404	5	32430	5	—	—
30	32406	1	32432	1	—	—
35	32408	1	32434	1	—	—
40	32410	1	32436	1	32470	1
45	32411	1	32438	1	—	—
50	32412	1	32440	1	32472	1
60	32416	1	32442	1	32474	1
70	32420	1	32444	1	32476	1
80	32424	1	32447	1	32478	1
90	—	—	—	—	32480	1
100	—	—	32449	1	32482	1
120	—	—	—	—	32486	1

 Back

2.2 STAINLESS STEEL

Socket Head Cap Screws



Assortment Avail.									
95308									

Size	6-32	8-32	10-32	10-24	Qty	1/4-20	5/16-18	3/8-16	Qty	7/16-14	Qty	1/2-13	Qty
3/8"	34010	34032	34074	–	100	–	–	–	–	–	–	–	–
1/2"	34012	34034	34076	34052	50	34094	34114	34138*	25	–	–	–	–
5/8"	34014	34035	34077	34053	50	34096	–	34140*	25	–	–	–	–
3/4"	34016	34036	34078	34054	25	34098	34116	34142*	25	–	–	–	–
1"	34018	34038	34080	34056	25	34100	34118	34144*	25	34182	10	34160	10
1-1/4"	–	–	34082	34058	25	34102	34120	34146*	25	34184	10	34162	10
1-1/2"	–	–	34084	34060	25	34104	34122	34148*	25	34186	10	34164	10
2"	–	–	–	–	–	34106	34124*	34150*	25	34188	5	34166	5
2-1/2"	–	–	–	–	–	–	–	34152	10	34190	5	34168	5

* Sold in packages of 10

Metric Socket Head Cap Screws



Length	M4	Qty	M5	Qty	M6	Qty	M8	Qty	M10	Qty	M12	Qty
10	32626	50	32642	50	32658	25	–	–	–	–	–	–
16	32628	50	32644	50	32660	25	32674	10	–	–	–	–
20	32630	50	32646	25	32662	25	32678	10	32692	10	32706	10
25	32632	50	32648	25	32664	10	32680	10	32694	10	32708	10
30	–	–	–	–	32666	10	32682	10	32696	10	32710	5
35	–	–	–	–	–	–	32684	10	32698	10	32712	5
40	–	–	–	–	32668	10	32686	10	32700	5	32714	5
45	–	–	–	–	–	–	32688	10	32702	10	32716	5



2.2 STAINLESS STEEL

Socket Set Screws



Assortment Avail.

	95307			

Features

- Smooth chamfered end for easier threading.
- Deep hex socket for positive drive.
- 18-8 Stainless Steel construction resists rust and corrosion.

Applications

- All stainless steel applications.
- All machinery, equipment, tools, trucks and automotive applications.

Size	6-32	Qty	8-32	Qty	10-24	10-32	Qty	1/4-20	Qty	5/16-18	3/8-16	1/2-13	Qty
3/16"	–	–	–	–	34234	–	100	–	–	–	–	–	–
1/4"	34210	100	34222	100	34236	34246	50	34258	50	34270	–	–	50
5/16"	34212	100	34224	100	–	–	–	34260	50	–	–	–	–
3/8"	34214	100	34226	100	34238	34248	50	34262	50	34272	34282	34294	25
1/2"	–	–	34228	100	34240	34250	50	34264	25	34274	34284	34296	25
5/8"	–	–	–	–	34241	34251	50	34265	25	34275	34286	34298*	25
3/4"	–	–	–	–	34242	34252	50	34266	25	34276	34288	34300*	25
1"	–	–	–	–	34244	34253	50	34267	25	34277	34290	34302*	25

* Sold in Packages of 10

Metric Socket Set Screws

Assortment Avail.

	95207			

Length	M4	M5	M6	Qty	M8	Qty	M10	Qty	M12	Qty
6	32740	32754	32766	25	–	–	–	–	–	–
8	32742	32756	32768	25	–	–	–	–	–	–
10	32744	32758	32770	25	32782	25	–	–	–	–
12	32746	32760	32772	25	32784	25	32796	10	–	–
16	–	32764	32774	25	32786	10	32798	10	32810	5
20	32748	–	32776	25	32788	10	32800	10	32812	5
25	–	–	32778	25	–	–	32802	10	32814	5
30	–	–	–	–	–	–	32804	10	32816	5



2.2 STAINLESS STEEL

Hex Head Machine Screws

Features

- Deep twist-resistant slots eliminate screwdriver slippage.
- Threads are feather-free for faster and easier assemblies.



Size	6-32	8-32	Qty	10-24	10-32	Qty
1/2"	34952	34960	50	34966	34972	25
3/4"	34954	34962	50	34968	34974	25
1"	34956	34964	25	34970	34976	25

Phillips Machine Screws



Flat Head

Size	4-40	6-32	8-32	10-24	10-32	1/4-20
1/4"	34758	34770	—	—	—	—
3/8"	34760	34772	34784	34800	34816	34832
1/2"	34762	34774	34786	34802	34818	34834
5/8"	34764	—	34788	34804	12317	—
3/4"	34766	34776	34790	34806	34820	34836
1"	34768	34778	34792	34808	34822	34838*
1-1/4"	—	—	34794	34810	34824	34840*
1-1/2"	—	—	34796	34812*	34826	34842*
2"	—	—	—	—	—	34844*



Pan Head

Assortment Avail.

	95301			

Size	6-32	8-32	10-24	10-32	1/4-20
1/4"	34662	34676	—	34706	—
3/8"	34664	34678	34692	34708	34736
1/2"	34666	34680	34694	34710	34738
5/8"	—	34683	34697	34712	34739
3/4"	34668	34682	34696	34714	34740
1"	34670	34684	34698	34716	34742*
1-1/4"	—	34686	34700*	34718	34744*
1-1/2"	34672	34688	34702	34720	34746*
2"	34674	34690	34704	34722*	34748*

Sold in packages of 50
* Sold in packages of 25

Oval Head

Size	6-32	8-32	10-24	10-32	1/4-20
1/4"	34852	—	—	—	—
3/8"	34854	34872	—	—	—
1/2"	34856	34874	34892	34912	34932*
5/8"	—	—	—	34914	—
3/4"	34858	34876	34894	34916	34934*
1"	34860*	34878*	34896*	34918*	34936*
1-1/4"	—	—	34898*	—	34938*
1-1/2"	—	34880*	34900*	34920*	34940*
2"	—	34882*	—	—	34942*

Assortment Avail.

	95309			



2.2 STAINLESS STEEL

Slotted Sheet Metal Screws

Pan Head

Size	#6	Qty	#8	Qty	#10	Qty	#12	Qty	#14	Qty
3/8"	34982	50	35002	50	-	-	-	-	-	-
1/2"	34984	50	35004	50	35022	50	35042	50	35062	50
3/4"	34986	50	35006	50	35024	50	35044	50	35064	50
1"	34988	50	35008	50	35026	50	35046	50	35066	50
1-1/2"	34990	50	35010	50	35028	50	35048	50	35068	50



Hex Washer Head

Size	#6	Qty	#8	Qty	#10	Qty	#12	Qty	#14	Qty
1/2"	-	-	35104	50	-	-	-	-	-	-
3/4"	35092	50	35106	50	35116	50	-	-	35140	25
1"	35094	50	35107	50	35118	50	35128	25	35141	25
1-1/2"	-	-	35108	50	35119	25	-	-	35142	25



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2.2 STAINLESS STEEL

Phillips Sheet Metal Screws

Assortment Avail.

	95302				

Pan Head

Size	#6	Qty	#8	Qty	#10	Qty	#12	Qty	#14	Qty
3/8"	35180	50	35208	50	35236	50	—	—	—	—
1/2"	35182	50	35210	50	35238	50	35264	50	35292	25
5/8"	35184	50	35212	50	35240	50	35266	50	35294	25
3/4"	35186	50	35214	50	35242	50	35268	25	35296	25
1"	35188	50	35216	50	35244	50	35270	25	35298	25
1-1/4"	35190	50	35218	50	35246	50	35272	25	35300	25
1-1/2"	35192	50	35220	50	35248	50	35274	25	35302	25
2"	35194	50	35224	50	35252	25	35278	25	35304	25



Assortment Avail.

	95303				

Oval Head

Size	#6	Qty	#8	Qty	#10	Qty	#12	Qty	#14	Qty
1/2"	35452	50	35472	50	35492	50	35512	50	35532	50
5/8"	35454	50	35474	50	35494	50	35514	50	—	—
3/4"	35456	50	35476	50	35496	50	35516	25	35534	25
1"	35458	50	35478	50	35498	50	35518	25	35536	25
1-1/4"	35460	50	35480	50	35500	50	35520	25	35538	25
1-1/2"	35462	50	35482	50	35502	25	35522	25	35540	25
2"	—	—	35484	50	35504	25	35524	25	—	—



Flat Head

Size	#6	Qty	#8	Qty	#10	Qty	#12	Qty	#14	Qty
3/8"	35352	50	35372	50	35392	50	—	—	—	—
1/2"	35354	50	35374	50	35394	50	35412	50	—	—
3/4"	35356	50	35376	50	35396	50	35414	50	35432	25
1"	35358	50	35378	50	35398	50	35416	25	35434	25
1-1/4"	35360	50	35380	50	35400	50	35418	25	35436	25
1-1/2"	35362	50	35382	50	35402	50	35420	25	35438	25
2"	35364	50	35384	50	35406	25	35422	25	35440	25



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2.2 STAINLESS STEEL

Tamper Resistant Button Socket Head Machine Screws

Assortment Avail.

									95506	

Features

- Hex drive with center pin for the ultimate in security.
- Can only be removed with special keys included in assortment.
- Smooth chamfered end for easier threading.
- 18-8 Stainless steel construction protects against rust and corrosion.

Applications:

- All high security applications.
- Equipment, machinery, automotive, truck and rest rooms where tampering or theft present a problem.



Size	6-32	Qty	8-32	Qty	10-24	Qty	10-32	Qty	1/4-20	Qty
3/8"	35746	25	35755	10	–	–	–	–	–	–
1/2"	35748	25	35752	25	35760	25	35766	25	–	–
3/4"	35750	25	35754	25	35762	10	35768	10	35772	10
1"	–	–	35756	25	35764	10	35770	10	35774	10
1-1/2"	–	–	35758	10	–	–	–	10	35776	10

Removal Tools

No.	Size	Qty
93267	1/8 Short Arm Key	1
83268	5/32 Short Arm Key	1
83186	1/8 Hex Bit	1
83187	5/32 Hex Bit	1



Break Away Nut Aluminum

No.	Size	Qty
14020	10-24	5
14022	1/4-20	5



One Way Truss Head Barrel Nuts

Chrome plated

No.	Size	Qty
14000	1/2	25
14002	5/8	25



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2.2 STAINLESS STEEL

316 Hex Head Capscrews

Assortments Avail.

95055,
95056,95057,
95058

Features

- Smooth chamfered end for easier threading.
- 316 Stainless steel construction protects against rust and corrosion.

Applications

- All stainless steel applications.
- All machinery, equipment, tools, trucks and automotive applications.



National Coarse

Size	1/4-20	Qty	5/16-18	Qty	3/8-16	Qty	7/16-14	Qty	1/2-13	Qty	5/8-11	Qty	3/4-10	Qty
1/2"	33860	25	33884	25	33908	25	-	-	-	-	-	-	-	-
3/4"	33862	25	33886	25	33910	25	-	-	-	-	-	-	-	-
1"	33864	25	33888	25	33912	25	33932	10	33956	10	39999	5	-	-
1-1/4"	33866	25	33890	25	33914	10	33934	10	33958	10	34000	5	-	-
1-1/2"	33868	25	33892	10	33916	10	33936	10	33960	10	34001	5	33983	1
1-3/4"	33870	25	33894	10	33918	10	33938	5	33961	10	34002	5	33984	1
2"	33872	25	33896	10	33920	10	33940	5	33962	5	34003	5	33986	1
2-1/2"	33874	25	33898	10	33922	10	33942	5	33964	5	34004	1	33987	1
3"	33875	25	33900	10	33924	5	33944	5	33966	5	34005	1	33988	1
3-1/2"	33877	10	33902	5	33926	5	33946	5	33968	5	34006	1	33991	1
4"	33878	10	33903	5	33928	5	33948	1	33970	5	34007	1	33995	1

316 Stainless Steel Fasteners Bin Assortments

Assortment No. 95054

35 Items • 420 Pieces

Arranged in a 40-Hole Bin Metal Cabinet

- 1/4-20 through 1/2 -13 stainless cap screws with nuts, lock washers and flat washers.
- Up to 1-1/4" long on 1/4 diameter.
- Up to 1-1/2" long on 5/16 diameter
- Up to 2" long on 3/8 and 7/16 diameter
- Up to 2 1/2" long on 1/2 diameter

Assortment No. 95306

40 Items • 690 Pieces

Arranged in a 40-Hole Bin Metal Cabinet

- 1/4 through 1/2 316 stainless cap screws with nuts, lock washers and heavy duty flat washers.
- Up to 2" long on 1/4 and 5/16 diameter.
- Up to 2-1/2" long on 3/8, 7/16 and 1/2 diameter.



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2.2-14

Specialty Fasteners

2.2-14

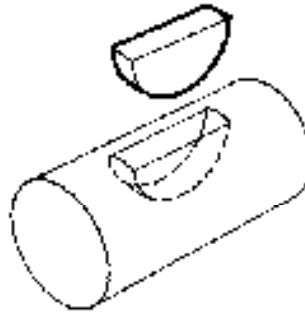
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2.2 STAINLESS STEEL

Stainless Steel Woodruff Keys

Features

- Precision manufactured to the highest tolerances.
- Provides bearing surface through entire length of the shaft.
- Use to lock pulleys and gears to transmission shafts.



No.	Industry #	Size	Qty
36730-SS	#2	3/32 x 1/2	25
36732-SS	#3	1/8 x 1/2	25
36736-SS	#5	1/8 x 5/8	25
36738-SS	#6	5/32 x 5/8	25
36740-SS	#61	3/16 x 5/8	25
36742-SS	#7	1/8 x 3/4	25
36744-SS	#8	5/32 x 3/4	25
36746-SS	#9	3/16 x 3/4	10
36748-SS	#91	1/4 x 3/4	10
36752-SS	#11	3/16 x 7/8	10
36756-SS	A	1/4 x 7/8	10
36760-SS	#15	1/4 x 1	10
36762-SS	B	5/16 x 1	10

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2.3 HEX SOCKET PRODUCTS

Socket Products

*Manufactured from High Grade Alloy Steel
(AISI-4037 or AISI-4140)*

The type of alloy steel used is that which is best suited to meet the physical and mechanical properties as required by the specification ANSI B-18.3 1982.

Socket Head Cap Screws Tensile and Yield Strength in PSI

Diameter	Min. Tensile Strength	Min. Yield Strength
#0 - #10	195,000	180,000
1/4 - 7/16	190,000	180,000
1/2	185,000	180,000
5/8	180,000	170,000
3/4 - 7/8	175,000	170,000
1	170,000	170,000
1-1/4 - 1-1/2	160,000	170,000

**For Socket Tools, Please See
Part 15: Tools & Shop Supplies**



2.3 HEX SOCKET PRODUCTS

Socket Head Cap Screws – USS

Assortment Avail.

95503 &	
95504	

Features

- Smooth chamfered end for easier threading.
- Medium carbon steel construction.
- Heat-treated for strength.
- Black phosphate coating for rust and corrosion resistance.

Applications

- All high-strength, critical applications.
- All machinery, equipment, tools, trucks and automotive applications.
- Ideal for all injection mold applications.



National Coarse • Class 3 Thread Fit

Length	6-32	8-32	Qty	10-24	Qty	1/4-20	Qty	5/16-18	Qty
1/4"	39418	39436	100	–	–	–	–	–	–
3/8"	39420	39438	100	39454	100	39472	100	39494	10
1/2"	39422	39440	100	39456	100	39474	50	39496	25
5/8"	39424	39442	100	39458	100	39476	50	–	–
3/4"	39426	39444	100	39460	50	39478	50	39498	25
1"	39428	39446	50	39462	50	39480	50	39500	25
1-1/4"	–	39448	50	39464	50	39482	50	39502	25
1-1/2"	–	39450	50	39466	50	39484	50	39504	25
1-3/4"	–	–	–	–	–	39486	50	39506	25
2"	–	–	–	–	–	39488	25	39508	10
2-1/2"	–	–	–	39468	25	39490	25	39510	10
3"	39430	–	100	–	–	39492	25	39512	25

Length	3/8-16	Qty	7/16-14	Qty	1/2-13	Qty	5/8-11	3/4-10	Qty
1/2"	39514	25	–	–	–	–	–	–	–
3/4"	39516	25	39538	10	39556	10	–	–	–
1"	39518	25	39540	10	39558	10	–	–	–
1-1/4"	39520	10	39542	10	39560	10	–	–	–
1-1/2"	39522	10	39544	10	39562	10	39578	–	10
1-3/4"	39524	10	39546	10	39564	10	39580	–	10
2"	39526	10	39548	10	39566	10	39582	39594	10
2-1/2"	39528	10	39550	10	39568	10	39584	39596	10
3"	39532	10	39552	10	39570	10	39586	39598	10
3-1/2"	39534	10	–	–	39572	10	39588	–	10
4"	39536	10	–	–	39574	10	39590	–	10



2.3 HEX SOCKET PRODUCTS

Socket Head Cap Screws – SAE

Assortment Avail.

		95504		

Features

- Smooth chamfered end for easier threading.
- Medium carbon steel construction.
- Heat-treated for strength.
- Black phosphate coating for rust and corrosion resistance.



Applications

- All high-strength, critical applications.
- All machinery, equipment, tools, trucks and automotive applications.
- Ideal for all injection mold applications.

National Fine • Class 3 Thread Fit

Length	10-32	Qty	1/4-28	5/16-24	Qty	3/8-24	Qty	1/2-20	Qty	5/8-18	Qty
1/2"	39614	50	39626	39638	25	–	–	–	–	–	–
5/8"	39616	50	39628	39640	25	–	–	–	–	–	–
3/4"	39618	50	39630	39642	25	39650	25	–	–	–	–
1"	39620	50	39632	39644	25	39652	25	39674	10	–	–
1-1/4"	39622	50	39634	39646	25	39654	25	39676	10	39686	5
1-1/2"	39624	50	–	39648	25	39656	10	39678	5	39688	5
1-3/4"	–	–	–	–	–	39658	10	–	–	39690	5
2"	–	–	–	–	–	39660	10	39680	5	39692	5



2.3 HEX SOCKET PRODUCTS

Flat Head Socket Cap Screws

Features

- Smooth chamfered end for easier threading.
- Medium carbon steel construction.
- Heat-treated for strength.
- Black phosphate coating for rust and corrosion resistance.



National Coarse • Class 3 Thread Fit

Length	6-32	Qty	8-32	10-24	1/4-20	Qty	5/16-18	Qty
1/4"	39702	100	–	–	–	–	–	–
3/8"	39704	100	39720	39740	–	50	–	–
1/2"	39706	100	39722	39742	39760	50	39780	50
5/8"	39708	100	39724	39744	–	50	–	–
3/4"	39710	100	39726	39746	39762	50	39782	50
1"	–	–	39728	39748	39764	50	39784	50
1-1/4"	–	–	–	39750	39766	50	39786	25
1-1/2"	–	–	–	39752	39768	50	39788	25

Length	3/8-16	Qty	7/16-14	Qty	1/2-13	Qty	5/8-11	Qty
1/2"	39802	25	–	–	–	–	–	–
3/4"	39803	25	–	–	–	–	–	–
1"	39804	25	–	–	39840	10	–	–
1-1/4"	39806	25	39820	10	39842	10	39860	10
1-1/2"	39808	10	39822	10	39844	10	39862	10
1-3/4"	39810	10	–	–	39846	10	–	–
2"	39812	10	–	–	39848	10	39864	10
2-1/2"	–	–	–	–	39850	10	39866	10
3"	39814	10	–	–	39852	10	39880	10

National Fine • Class 3 Thread Fit

Length	10-32	Qty	1/4-28	Qty	5/16-24	Qty	3/8-24	1/2-20	Qty
1/2"	39900	100	39920	50	39940	25	–	–	–
5/8"	39902	50	–	–	–	–	–	–	–
3/4"	39904	50	39922	50	39942	25	39960	–	10
1"	39906	50	39924	50	39944	25	39962	39980	10
1-1/4"	39908	50	39926	25	39946	25	39964	39982	10
1-1/2"	39910	50	39928	25	39948	25	39966	39984	10



2.3 HEX SOCKET PRODUCTS

Button Head Socket Cap Screws



Assortment Avail.

									95507	

National Coarse & Fine • Class 3 Thread Fit

Length	6-32	8-32	10-24	10-32	1/4-20	5/16-18	Qty	3/8-16	1/2-13	Qty
1/4"	39985	39991	-	-	-	-	50	-	-	-
3/8"	39986	39992	-	-	-	-	50	-	-	-
1/2"	39987	40000	40014	40028	40042	-	50	-	-	-
5/8"	39988	40002	40016	40029	40044	-	50	-	-	-
3/4"	39989	40004	40018	40030	40046	40058	50	40070	-	25
7/8"	39990	-	-	-	-	-	50	-	-	-
1"	-	40005	40020	40032	40048	40060	50	40072	40084	10
1-1/4"	-	-	40021	-	-	-	50	-	40086	10
1-1/2"	-	-	-	-	-	-	-	-	40088	10

Socket Shoulder Bolts

Thread Pitch	1/4-20	5/16-18	3/8-16	Qty
Shoulder Diameter	5/16	3/8	1/2	
Shoulder Length				
3/4"	-	-	40140	5
1"	40102	-	40142	5
1-1/4"	40104	-	-	5
1-1/2"	-	40122	40144	5



Back

2.4 SET SCREWS

Socket Set Screws

Assortment Avail.

95500,	
95501 &	
95502	

Features

- Smooth chamfered end for easier threading.
- Deep hex socket for positive drive.
- Strong alloy construction for durability.
- Black phosphate coating for rust and corrosion resistance.
- Use in all set screw applications in machinery, equipment, tools, trucks and automotive.



National Coarse • Cup Point

Length	6-32	Qty	8-32	10-24	Qty	10-32	Qty
3/16"	39102	100	39124	39144	50	39312	100
1/4"	39104	100	39126	39146	50	39314	100
5/16"	39106	100	39128	–	50	–	–
3/8"	39108	100	39130	39148	50	39316	100
1/2"	39110	100	39132	39150	50	39318	100

Length	1/4-20	5/16-18	3/8-16	Qty	7/16-14	Qty	1/2-13	Qty
1/4"	39188	39210	39232	25	–	–	–	–
5/16"	39190	39212	39234	25	–	–	–	–
3/8"	39192	39214	39236	25	39254	25	39276	25
7/16"	–	39216	–	25	–	–	–	–
1/2"	39196	39218	39238	25	39256	10	39278	25
5/8"	39197	39220	39240	25	–	–	39280	25
3/4"	39198	39222	39242	25	39258	10	39282	10
1"	39200	39224	39244	25	–	–	39284	10

National Fine • Cup Point

Length	1/4-28	Qty	5/16-24	Qty	3/8-24	Qty	1/2-20	Qty
1/4"	39322	50	39336	50	–	–	–	–
5/16"	39324	50	39338	50	–	–	–	–
3/8"	39326	50	39340	50	39350	50	–	–
1/2"	39328	25	39342	25	39352	25	39372	10
5/8"	–	–	–	–	39354	10	39374	10
3/4"	39330	25	39344	25	39356	10	39376	10
1"	39332	25	–	–	39358	10	39378	10



2.4 SET SCREWS

Metric Socket Set Screws



Assortment Avail.			
		95212	

Cup Point • Class 12.9

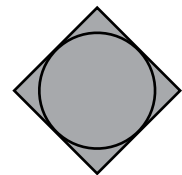
Length	M4	Qty	M6	Qty	M8	Qty	M10	Qty	M12	Qty
6	31774	100	31802	100	–	–	–	–	–	–
8	31776	100	31804	100	31816	50	–	–	–	–
10	31778	100	31806	100	31818	50	31830	50	–	–
12	31780	100	31808	100	31820	50	31832	50	31844	25
16	–	–	31810	50	31822	50	31834	25	31846	25
20	31782	50	31812	50	31824	25	31836	25	31848	10
25	–	–	31814	25	–	–	31838	10	31850	10
30	–	–	–	–	–	–	31840	10	31852	10
35	–	–	–	–	–	–	31842	10	31854	10
40	–	–	–	–	–	–	–	–	31856	10

Square Head Set Screws

Cup Point

Length	1/4-20	5/16-18	Qty	3/8-16	Qty	7/16-14	Qty
3/4"	39000	39014	50	39030	50	–	–
1"	39002	39016	50	39032	25	39042	25
1-1/2"	39004	39018	50	39034	25	39044	15
2"	–	39020	25	39036	25	39046	15

Length	1/2-13	Qty	5/8-11	3/4-10	Qty
1-1/2"	39056	15	39070	39084	10
2"	39058	15	39072	39086	10
2-1/2"	39060	10	39074	39088	10
3"	39062	10	39076	39090	10
4"	39064	10	39078	39092	10



2.4 SET SCREWS

Stainless Steel Socket Set Screws

Assortment Avail.			
	95307		

Features

- Smooth chamfered end for easier threading.
- Deep hex socket for positive drive.
- 18-8 Stainless Steel construction resists rust and corrosion.



Applications

- All stainless steel applications.
- All machinery, equipment, tools, trucks and automotive applications.

Size	6-32	Qty	8-32	Qty	10-24	10-32	Qty	1/4-20	Qty	5/16-18	3/8-16	1/2-13	Qty
3/16"	–	–	–	–	34234	–	100	–	–	–	–	–	–
1/4"	34210	100	34222	100	34236	34246	50	34258	50	34270	–	–	50
5/16"	34212	100	34224	100	–	–	–	34260	50	–	–	–	95307
3/8"	34214	100	34226	100	34238	34248	50	34262	50	34272	34282	34294	25
1/2"	–	–	34228	100	34240	34250	50	34264	25	34274	34284	34296	25
5/8"	–	–	–	–	34241	34251	50	34265	25	34275	34286	34298*	25
3/4"	–	–	–	–	34242	34252	50	34266	25	34276	34288	34300*	25
1"	–	–	–	–	34244	34253	50	34267	25	34277	34290	34302*	25

* Sold in Packages of 10

Stainless Steel Metric Socket Set Screws

Assortment Avail.			
	95207		

Length	M4	M5	M6	Qty	M8	Qty	M10	Qty	M12	Qty
6	32740	32754	32766	25	–	–	–	–	–	–
8	32742	32756	32768	25	–	–	–	–	–	–
10	32744	32758	32770	25	32782	25	–	–	–	–
12	32746	32760	32772	25	32784	25	32796	10	–	–
16	–	32764	32774	25	32786	10	32798	10	32810	5
20	32748	–	32776	25	32788	10	32800	10	32812	5
25	–	–	32778	25	–	–	32802	10	32814	5
30	–	–	–	–	–	–	32804	10	32816	5



2.5 THREADED ROD

Zinc Plated All Thread Rod

Features

- Cut from Grade 2 stock
- Non-heat treated
- Zinc plated for corrosion resistance

Mild Steel All Thread Rod National Coarse National Fine

No.	Size	Length
41000	6-32	3 Ft.
41002	8-32	3 Ft.
41004	10-24	3 Ft.
41006	1/4-20	3 Ft.
41008	5/16-18	3 Ft.
41010	3/8-16	3 Ft.
41012	7/16-14	3 Ft.
41014	1/2-13	3 Ft.
41016	9/16-12	3 Ft.
41018	5/8-11	3 Ft.
41020	3/4-10	3 Ft.
41022	7/8-9	3 Ft.
41024	1-8	3 Ft.

No.	Size	Length
41100	10-32	3 Ft.
41102	1/4-28	3 Ft.
41104	5/16-24	3 Ft.
41106	3/8-24	3 Ft.
41108	7/16-20	3 Ft.
41110	1/2-20	3 Ft.
41112	9/16-18	3 Ft.
41114	5/8-18	3 Ft.
41116	3/4-16	3 Ft.
41118	7/8-14	3 Ft.
41120	1-14	3 Ft.



Round Bar Stock

- Features
- Made from low carbon steel
- Cold drawn for toughness
- Zinc plated for corrosion resistance
- Excellent machinability
- Meets ASTM-A-108



Mild Steel Round Bar

No.	Size	Length
41400	1/8	3 Ft.
41402	3/16	3 Ft.
41404	1/4	3 Ft.
41406	5/16	3 Ft.
41410	7/16	3 Ft.
41412	1/2	3 Ft.
41414	9/16	3 Ft.
41416	5/8	3 Ft.
41418	3/4	3 Ft.
41420	7/8	3 Ft.
41422	1	3 Ft.



2.5 THREADED ROD

B7 All Thread Rod

Features

- Composed of chromium and molybdenum.
- Minimum tempering temperature of 1100°F

Technical Data

Minimum Tensile Strength: 125,000 psi

Yield Strength: 105,000 psi

Minimum Elongation: B-7 16%

Minimum Area Reduction: B-7 60%

Minimum Tempering Temperature: B-7 1100°F



B7 All Thread Rod

National Coarse

No.	Size	Length
41200	1/4-20	3 Ft.
41202	5/16-18	3 Ft.
41204	3/8-16	3 Ft.
41206	7/16-14	3 Ft.
41208	1/2-13	3 Ft.
41210	9/16-12	3 Ft.
41212	5/8-11	3 Ft.
41214	3/4-10	3 Ft.
41216	7/8-9	3 Ft.
41218	1-8	3 Ft.
41220	1-1/8-7	3 Ft.
41222	1-1/4-7	3 Ft.
41224	1-1/4-8	3 Ft.
41226	1-3/8-8	3 Ft.
41228	1-1/2-6	3 Ft.
41230	1-5/8-6	3 Ft.

National Fine

No.	Size	Length
41300	1/4-28	3 Ft.
41302	5/16-24	3 Ft.
41304	3/8-24	3 Ft.
41306	7/16-20	3 Ft.
41308	1/2-20	3 Ft.
41310	9/16-18	3 Ft.
41312	5/8-18	3 Ft.
41314	3/4-16	3 Ft.
41316	7/8-14	3 Ft.
41318	1-14	3 Ft.

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2.5 THREADED ROD

All Thread Rod Assortments



Features

- All threaded rod comes in three (3) foot lengths
- Threaded rod rack included

USS Mild Steel Assortment #95600

11 Items	31 Pieces
No.	Size
41000	6-32
41002	8-32
41004	10-24
41006	1/4-20
41008	5/16-18
41010	3/8-16
41012	7/16-14
41014	1/2-13
41016	9/16-12
41018	5/8-11
41020	3/4-10

USS B-7 Assortment #95601

8 Items	18 Pieces
No.	Size
41200	1/4-20
41202	5/16-18
41204	3/8-16
41206	7/16-14
41208	1/2-13
41210	9/16-12
41212	5/8-11
41214	3/4-10

