

Hex Machine Screw Nuts			
SIZE	BOX QTY	PLATED	STAINLESS
6-32	200	HNM01	SSHNM01
8-32	200	HNM02	SSHNM02
10-24	200	HNM04	SSHNM04
10-32	200	HNM03	SSHNM03
12-24	100	HNM05	SSHNM05



Finished Hex Nuts					
SIZE	BOX QTY	ITEM# USS		ITEM# SAE	
		LOW CARB.	STAINLESS	LOW CARB.	STAINLESS
1/4	200	HNU04	SSHNU04	HNS04	SSHNS04
5/16	100	HNU05	SSHNU05	HNS05	SSHNS05
3/8	100	HNU06	SSHNU06	HNS06	SSHNS06
7/16	100	HNU07	SSHNU07	HNS07	SSHNS07
1/2	100	HNU08	SSHNU08	HNS08	SSHNS08
9/16	50	HNU09	SSHNU09	HNS09	SSHNS09
5/8	50	HNU10	SSHNU10	HNS10	SSHNS10
3/4	25	HNU12	SSHNU12	HNS12	SSHNS12
7/8	25	HNU14	SSHNU14	HNS14	SSHNS14
1"	20	HNU16	SSHNU16	HNS16	SSHNS16

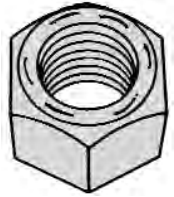


Stover Lock Nuts (Heat Treated Alloy-G8) – Plated			
SIZE	BOX QUANTITY	ITEM # - USS	ITEM # - SAE
1/4	100	HNUST04	HNSST04
5/16	100	HNUST05	HNSST05
3/8	100	HNUST06	HNSST06
7/16	100	HNUST07	HNSST07
1/2	100	HNUST08	HNSST08
9/16	50	HNUST09	HNSST09
5/8	50	HNUST10	HNSST10
3/4	25	HNUST12	HNSST12
7/8	25	HNUST14	HNSST14
1"	20	HNUST16	HNSST16



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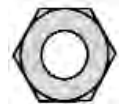
Heat Treated Alloy Hex Nuts (G8) - Plated			
DESCRIPTION	BOX QUANTITY	ITEM # - USS	ITEM # - SAE
1/4	100	HNU804	HNS804
5/16	100	HNU805	HNS805
3/8	100	HNU806	HNS806
7/16	100	HNU807	HNS807
1/2	50	HNU808	HNS808
9/16	50	HNU809	HNS809
5/8	25	HNU810	HNS810
3/4	25	HNU812	HNS812
7/8	20	HNU814	HNS814
1"	10	HNU816	HNS816



Nylon Insert Lock Nuts - Plated						
SIZE	BOX QTY	ITEM # - USS		ITEM # - SAE		STAINLESS
		LOW CARB.	GRADE 8	LOW CARB.	GRADE 8	
1/4	100	HNUNY04	HNUNY804	HNSNY04	HNSNY804	SSHUNY04
5/16	100	HNUNY05	HNUNY805	HNSNY05	HNSNY805	SSHUNY05
3/8	100	HNUNY06	HNUNY806	HNSNY06	HNSNY806	SSHUNY06
7/16	100	HNUNY07	HNUNY807	HNSNY07	HNSNY807	SSHUNY07
1/2	50	HNUNY08	HNUNY808	HNSNY08	HNSNY808	SSHUNY08
9/16	50	HNUNY09	HNUNY809	HNSNY09	HNSNY809	SSHUNY09
5/8	25	HNUNY10	HNUNY810	HNSNY10	HNSNY810	SSHUNY10
3/4	25	HNUNY12	HNUNY812	HNSNY12	HNSNY812	SSHUNY12
7/8	20	HNUNY14	HNUNY814	HNSNY14	HNSNY814	SSHUNY14
1"	10	HNUNY16	HNUNY816	HNSNY16	HNSNY816	SSHUNY16



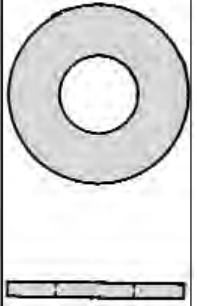
SAE High Hex Nuts - Plain			
DESCRIPTION	BOX QUANTITY	THICKNESS	ITEM # - SAE
5/8	25	27/32	HNH10
3/4	25	1"	HNH12
7/8	20	1-5/32	HNH14
1"	10	1-5/16	HNH16



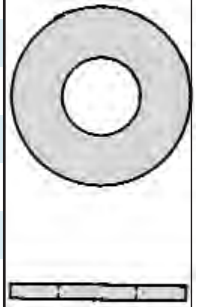
To Order Call: 708-447-4500 or Outside Illinois 800-837-8707



Flat Washers						
SIZE	BOX QTY	ITEM #				
		USS	SAE	USS G8	SAE G8	STAINLESS
#6	500		WWM01			SSWWM01
#8	500		WWM02			SSWWM02
#10	250		WWM03			SSWWM03
#12	250		WWM05			SSWWM04
3/16	500	WWU03				
1/4	200	WWU04	WWS04	WWU804	WWS804	SSWWU04
5/16	200	WWU05	WWS05	WWU805	WWS805	SSWWU05
3/8	200	WWU06	WWS06	WWU806	WWS806	SSWWU06
7/16	100	WWU07	WWS07	WWU807	WWS807	SSWWU07
1/2	100	WWU08	WWS08	WWU808	WWS808	SSWWU08
9/16	50	WWU09	WWS09	WWU809	WWS809	SSWWU09
5/8	50	WWU10	WWS10	WWU810	WWS810	SSWWU10
3/4	25	WWU12	WWS12	WWU812	WWS812	SSWWU12
7/8	25	WWU14	WWS14	WWU814	WWS814	SSWWU14
1"	25	WWU16	WWS16	WWU816	WWS816	SSWWU16



Hardened Extra Thick Flat Washers				
SIZE	BOX QTY	ITEM #		
		USS	SAE	
1/4	100	WWU904	WWS904	
5/16	100	WWU905	WWS905	
3/8	100	WWU906	WWS906	
7/16	100	WWU907	WWS907	
1/2	100	WWU908	WWS908	
9/16	50	WWU909	WWS909	
5/8	50	WWU910	WWS910	
3/4	25	WWU912	WWS912	
7/8	25	WWU914	WWS914	
1"	25	WWU916	WWS916	



Fender Washers - Plated		
DESCRIPTION	BOX QUANTITY	ITEM #
3/16 x 1 OD	100	WWF03
1/4 x 1 OD	100	WWF0410
1/4 x 1-1/4 OD	100	WWF04
5/16 x 1-1/4 OD	100	WWF05
3/8 x 1-1/2 OD	100	WWF06



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Washers - Mylar & Nylon

DESCRIPTION	SIZE	ITEM #
3/8" Mylar Washers	.375 ID - 1" OD x .014 Thick	WWM06
3/8" Nylon Washers	.431 ID - .745 OD x .0635 Thick	WWN06



Lock Washers

		Low Carbon Plated			Grade 8 Plated			Stainless Steel
SIZE	BOX QTY	ITEM #	BOX QTY	ITEM #	BOX QTY	ITEM #		
#6	250	WWLM01			100	SSWWLM01		
#8	250	WWLM02			100	SSWWLM02		
3/16	500	WWLM03			100	SSWWLM03		
#12	500	WWLM04			100	SSWWLM04		
1/4	500	WWL04	100	WWL804	100	SSWWL04		
5/16	500	WWL05	100	WWL805	100	SSWWL05		
3/8	500	WWL06	100	WWL806	100	SSWWL06		
7/16	200	WWL07	100	WWL807	100	SSWWL07		
1/2	200	WWL08	100	WWL808	100	SSWWL08		
9/16	100	WWL09	100	WWL809	50	SSWWL09		
5/8	100	WWL10	100	WWL810	50	SSWWL10		
3/4	50	WWL12	50	WWL812	50	SSWWL12		
7/8	50	WWL14	50	WWL814	25	SSWWL14		
1"	25	WWL16	25	WWL816	25	SSWWL16		



Internal & External Lock Washers - Plated

DESCRIPTION	BOX QUANTITY	ITEM # - INTERNAL	ITEM # - EXTERNAL
#6	100	WWLMI01	WWLME01
#8	100	WWLMI02	WWLME02
#10	100	WWLMI03	WWLME03
#12	100	WWLMI05	WWLME05
1/4	100	WWLI04	WWLE04
5/16	100	WWLI05	WWLE05
3/8	100	WWLI06	WWLE06
7/16	100	WWLI07	WWLE07
1/2	100	WWLI08	WWLE08
9/16	25	WWLI09	WWLE09
5/8	25	WWLI10	WWLE10
3/4	25	WWLI12	WWLE12
7/8	25	WWLI14	WWLE14
1"	25	WWLI16	WWLE16



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Hex Head Cap Screws - High Carbon Heat Treated

SIZE	BOX QTY	- ZINC PLATED -				
		GRADE 5		GRADE 8		STAINLESS
		USS	SAE	USS	SAE	USS
1/4 x 1/2	100	GFU0402	GFS0402	GEU0402	GES0402	SSHUU0402
1/4 x 3/4	100	GFU0403	GFS0403	GEU0403	GES0403	SSHUU0403
1/4 x 1	100	GFU0410	GFS0410	GEU0410	GES0410	SSHUU0410
1/4 x 1-1/4	100	GFU0411	GFS0411	GEU0411	GES0411	SSHUU0411
1/4 x 1-1/2	100	GFU0412	GFS0412	GEU0412	GES0412	SSHUU0412
1/4 x 1-3/4	100	GFU0413	GFS0413	GEU0413	GES0413	SSHUU0413
1/4 x 2	100	GFU0420	GFS0420	GEU0420	GES0420	SSHUU0420
1/4 x 2-1/4	100	GFU0421	GFS0421	GEU0421	GES0421	SSHUU0421
1/4 x 2-1/2	100	GFU0422	GFS0422	GEU0422	GES0422	SSHUU0422
1/4 x 2-3/4	50	GFU0423	GFS0423	GEU0423	GES0423	SSHUU0423
1/4 x 3	50	GFU0430	GFS0430	GEU0430	GES0430	SSHUU0430
1/4 x 3-1/2	50	GFU0432	GFS0432	GEU0432	GES0432	SSHUU0432
1/4 x 4	50	GFU0440	GFS0440	GEU0440	GES0440	SSHUU0440
1/4 x 4-1/2	50	GFU0442	GFS0442	GEU0442	GES0442	SSHUU0442
1/4 x 5	50	GFU0450	GFS0450	GEU0450	GES0450	SSHUU0450
1/4 x 5-1/2	25	GFU0452	GFS0452	GEU0452	GES0452	SSHUU0452
1/4 x 6	25	GFU0460	GFS0460	GEU0460	GES0460	SSHUU0460
5/16 x 1/2	100	GFU0502	GFS0502	GEU0502	GES0502	SSHUU0502
5/16 x 3/4	100	GFU0503	GFS0503	GEU0503	GES0503	SSHUU0503
5/16 x 1	100	GFU0510	GFS0510	GEU0510	GES0510	SSHUU0510
5/16 x 1-1/4	100	GFU0511	GFS0511	GEU0511	GES0511	SSHUU0511
5/16 x 1-1/2	100	GFU0512	GFS0512	GEU0512	GES0512	SSHUU0512
5/16 x 1-3/4	100	GFU0513	GFS0513	GEU0513	GES0513	SSHUU0513
5/16 x 2	100	GFU0520	GFS0520	GEU0520	GES0520	SSHUU0520
5/16 x 2-1/4	50	GFU0521	GFS0521	GEU0521	GES0521	SSHUU0521
5/16 x 2-1/2	50	GFU0522	GFS0522	GEU0522	GES0522	SSHUU0522
5/16 x 3	50	GFU0530	GFS0530	GEU0530	GES0530	SSHUU0530
5/16 x 3-1/2	25	GFU0532	GFS0532	GEU0532	GES0532	SSHUU0532
5/16 x 4	25	GFU0540	GFS0540	GEU0540	GES0540	SSHUU0540
5/16 x 4-1/2	25	GFU0542	GFS0542	GEU0542	GES0542	SSHUU0542
5/16 x 5	25	GFU0550	GFS0550	GEU0550	GES0550	SSHUU0550
5/16 x 5-1/2	25	GFU0552	GFS0552	GEU0552	GES0552	SSHUU0552
5/16 x 6	25	GFU0560	GFS0560	GEU0560	GES0560	SSHUU0560



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Hex Head Cap Screws - High Carbon Heat Treated

SIZE	BOX QTY	- ZINC PLATED -				
		GRADE 5		GRADE 8		STAINLESS
		USS	SAE	USS	SAE	USS
3/8 x 1/2	100	GFU0602	GFS0602	GEU0602	GES0602	SSHHU0602
3/8 x 3/4	100	GFU0603	GFS0603	GEU0603	GES0603	SSHHU0603
3/8 x 1	100	GFU0610	GFS0610	GEU0610	GES0610	SSHHU0610
3/8 x 1-1/4	100	GFU0611	GFS0611	GEU0611	GES0611	SSHHU0611
3/8 x 1-1/2	50	GFU0612	GFS0612	GEU0612	GES0612	SSHHU0612
3/8 x 1-3/4	50	GFU0613	GFS0613	GEU0613	GES0613	SSHHU0613
3/8 x 2	50	GFU0620	GFS0620	GEU0620	GES0620	SSHHU0620
3/8 x 2-1/2	50	GFU0622	GFS0622	GEU0622	GES0622	SSHHU0622
3/8 x 3	50	GFU0630	GFS0630	GEU0630	GES0630	SSHHU0630
3/8 x 3-1/2	25	GFU0632	GFS0632	GEU0632	GES0632	SSHHU0632
3/8 x 4	25	GFU0640	GFS0640	GEU0640	GES0640	SSHHU0640
3/8 x 4-1/2	25	GFU0642	GFS0642	GEU0642	GES0642	SSHHU0642
3/8 x 5	25	GFU0650	GFS0650	GEU0650	GES0650	SSHHU0650
3/8 x 5-1/2	25	GFU0652	GFS0652	GEU0652	GES0652	SSHHU0652
3/8 x 6	25	GFU0660	GFS0660	GEU0660	GES0660	SSHHU0660
7/16 x 3/4	100	GFU0703	GFS0703	GEU0703	GES0703	SSHHU0703
7/16 x 1	100	GFU0710	GFS0710	GEU0710	GES0710	SSHHU0710
7/16 x 1-1/4	50	GFU0711	GFS0711	GEU0711	GES0711	SSHHU0711
7/16 x 1-1/2	50	GFU0712	GFS0712	GEU0712	GES0712	SSHHU0712
7/16 x 1-3/4	50	GFU0713	GFS0713	GEU0713	GES0713	SSHHU0713
7/16 x 2	50	GFU0720	GFS0720	GEU0720	GES0720	SSHHU0720
7/16 x 2-1/2	50	GFU0722	GFS0722	GEU0722	GES0722	SSHHU0722
7/16 x 3	25	GFU0730	GFS0730	GEU0730	GES0730	SSHHU0730
7/16 x 3-1/2	25	GFU0732	GFS0732	GEU0732	GES0732	SSHHU0732
7/16 x 4	25	GFU0740	GFS0740	GEU0740	GES0740	SSHHU0740
7/16 x 4-1/2	25	GFU0742	GFS0742	GEU0742	GES0742	SSHHU0742
7/16 x 5	25	GFU0750	GFS0750	GEU0750	GES0750	SSHHU0750
7/16 x 5-1/2	25	GFU0752	GFS0752	GEU0752	GES0752	SSHHU0752
7/16 x 6	25	GFU0760	GFS0760	GEU0760	GES0760	SSHHU0760



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Hex Head Cap Screws - High Carbon Heat Treated

SIZE	BOX QTY	- ZINC PLATED -				
		GRADE 5		GRADE 8		STAINLESS
		USS	SAE	USS	SAE	USS
1/2 x 3/4	100	GFU0803	GFS0803	GEU0803	GES0803	SSHHU0803
1/2 x 1	50	GFU0810	GFS0810	GEU0810	GES0810	SSHHU0810
1/2 x 1-1/4	50	GFU0811	GFS0811	GEU0811	GES0811	SSHHU0811
1/2 x 1-1/2	50	GFU0812	GFS0812	GEU0812	GES0812	SSHHU0812
1/2 x 1-3/4	50	GFU0813	GFS0813	GEU0813	GES0813	SSHHU0813
1/2 x 2	50	GFU0820	GFS0820	GEU0820	GES0820	SSHHU0820
1/2 x 2-1/2	25	GFU0822	GFS0822	GEU0822	GES0822	SSHHU0822
1/2 x 3	25	GFU0830	GFS0830	GEU0830	GES0830	SSHHU0830
1/2 x 3-1/2	25	GFU0832	GFS0832	GEU0832	GES0832	SSHHU0832
1/2 x 4	25	GFU0840	GFS0840	GEU0840	GES0840	SSHHU0840
1/2 x 4-1/2	20	GFU0842	GFS0842	GEU0842	GES0842	SSHHU0842
1/2 x 5	20	GFU0850	GFS0850	GEU0850	GES0850	SSHHU0850
1/2 x 5-1/2	20	GFU0852	GFS0852	GEU0852	GES0852	SSHHU0852
1/2 x 6	20	GFU0860	GFS0860	GEU0860	GES0860	SSHHU0860



		- PLAIN -			
		GRADE 8			
		USS	SAE		
1/2 x 6-1/2	1	GEU0862	GES0862		
1/2 x 7	1	GEU0870	GES0870		
1/2 x 7-1/2	1	GEU0872	GES0872		
1/2 x 8	1	GEU0880	GES0880		
1/2 x 8-1/2	1	GEU0882	GES0882		
1/2 x 9	1	GEU0890	GES0890		
1/2 x 9-1/2	1	GEU0892	GES0892		
1/2 x 10	1	GEU08100	GES08100		
1/2 x 10-1/2	1	GEU08102	GES08102		
1/2 x 11	1	GEU08110	GES08110		
1/2 x 11-1/2	1	GEU08112	GES08112		
1/2 x 12	1	GEU08120	GES08120		



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Hex Head Cap Screws - High Carbon Heat Treated

SIZE	BOX QUANTITY	- ZINC PLATED -			
		GRADE 5		GRADE 8	
		USS	SAE	USS	SAE
9/16 x 1	50	GFU0910	GFS0910	GEU0910	GES0910
9/16 x 1-1/4	25	GFU0911	GFS0911	GEU0911	GES0911
9/16 x 1-1/2	25	GFU0912	GFS0912	GEU0912	GES0912
9/16 x 1-3/4	25	GFU0913	GFS0913	GEU0913	GES0913
9/16 x 2	25	GFU0920	GFS0920	GEU0920	GES0920
9/16 x 2-1/2	25	GFU0922	GFS0922	GEU0922	GES0922
9/16 x 3	25	GFU0930	GFS0930	GEU0930	GES0930
9/16 x 3-1/2	25	GFU0932	GFS0932	GEU0932	GES0932
9/16 x 4	25	GFU0940	GFS0940	GEU0940	GES0940
9/16 x 4-1/2	20	GFU0942	GFS0942	GEU0942	GES0942
9/16 x 5	20	GFU0950	GFS0950	GEU0950	GES0950
9/16 x 5-1/2	10	GFU0952	GFS0952	GEU0952	GES0952
9/16 x 6	10	GFU0960	GFS0960	GEU0960	GES0960
				- PLAIN -	
				GRADE 8	
				USS	SAE
9/16 x 6-1/2	1			GEU0962	GES0962
9/16 x 7	1			GEU0970	GES0970
9/16 x 7-1/2	1			GEU0972	GES0972
9/16 x 8	1			GEU0980	GES0980
9/16 x 8-1/2	1			GEU0982	GES0982
9/16 x 9	1			GEU0990	GES0990
9/16 x 9-1/2	1			GEU0992	GES0992
9/16 x 10	1			GEU09100	GES09100
9/16 x 10-1/2	1			GEU09102	GES09102
9/16 x 11	1			GEU09110	GES09110
9/16 x 11-1/2	1			GEU09112	GES09112
9/16 x 12	1			GEU09120	GES09120



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Hex Head Cap Screws - High Carbon Heat Treated

SIZE	BOX QTY	- ZINC PLATED -				
		GRADE 5		GRADE 8		STAINLESS
		USS	SAE	USS	SAE	USS
5/8 x 1	25	GFU1010	GFS1010	GEU1010	GES1010	SSHHU1010
5/8 x 1-1/4	25	GFU1011	GFS1011	GEU1011	GES1011	SSHHU1011
5/8 x 1-1/2	25	GFU1012	GFS1012	GEU1012	GES1012	SSHHU1012
5/8 x 1-3/4	25	GFU1013	GFS1013	GEU1013	GES1013	SSHHU1013
5/8 x 2	25	GFU1020	GFS1020	GEU1020	GES1020	SSHHU1020
5/8 x 2-1/2	25	GFU1022	GFS1022	GEU1022	GES1022	SSHHU1022
5/8 x 3	25	GFU1030	GFS1030	GEU1030	GES1030	SSHHU1030
5/8 x 3-1/2	25	GFU1032	GFS1032	GEU1032	GES1032	SSHHU1032
5/8 x 4	25	GFU1040	GFS1040	GEU1040	GES1040	SSHHU1040
5/8 x 4-1/2	20	GFU1042	GFS1042	GEU1042	GES1042	SSHHU1042
5/8 x 5	20	GFU1050	GFS1050	GEU1050	GES1050	SSHHU1050
5/8 x 5-1/2	10	GFU1052	GFS1052	GEU1052	GES1052	SSHHU1052
5/8 x 6	10	GFU1060	GFS1060	GEU1060	GES1060	SSHHU1060



		- PLAIN -	
		GRADE 8	
		USS	SAE
5/8 x 6-1/2	1	GEU1062	GES1062
5/8 x 7	1	GEU1070	GES1070
5/8 x 7-1/2	1	GEU1072	GES1072
5/8 x 8	1	GEU1080	GES1080
5/8 x 8-1/2	1	GEU1082	GES1082
5/8 x 9	1	GEU1090	GES1090
5/8 x 9-1/2	1	GEU1092	GES1092
5/8 x 10	1	GEU10100	GES10100
5/8 x 10-1/2	1	GEU10102	GES10102
5/8 x 11	1	GEU10110	GES10110
5/8 x 11-1/2	1	GEU10112	GES10112
5/8 x 12	1	GEU10120	GES10120



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Hex Head Cap Screws - High Carbon Heat Treated

SIZE	BOX QTY	- ZINC PLATED -				
		GRADE 5		GRADE 8		STAINLESS
		USS	SAE	USS	SAE	USS
3/4 x 1	20	GFU1210	GFS1210	GEU1210	GES1210	SSHHU1210
3/4 x 1-1/4	20	GFU1211	GFS1211	GEU1211	GES1211	SSHHU1211
3/4 x 1-1/2	20	GFU1212	GFS1212	GEU1212	GES1212	SSHHU1212
3/4 x 1-3/4	20	GFU1213	GFS1213	GEU1213	GES1213	SSHHU1213
3/4 x 2	20	GFU1220	GFS1220	GEU1220	GES1220	SSHHU1220
3/4 x 2-1/2	10	GFU1222	GFS1222	GEU1222	GES1222	SSHHU1222
3/4 x 3	10	GFU1230	GFS1230	GEU1230	GES1230	SSHHU1230
3/4 x 3-1/2	10	GFU1232	GFS1232	GEU1232	GES1232	SSHHU1232
3/4 x 4	10	GFU1240	GFS1240	GEU1240	GES1240	SSHHU1240
3/4 x 4-1/2	10	GFU1242	GFS1242	GEU1242	GES1242	SSHHU1242
3/4 x 5	10	GFU1250	GFS1250	GEU1250	GES1250	SSHHU1250
3/4 x 5-1/2	10	GFU1252	GFS1252	GEU1252	GES1252	SSHHU1252
3/4 x 6	10	GFU1260	GFS1260	GEU1260	GES1260	SSHHU1260



SIZE	BOX QTY	- PLAIN -			
		GRADE 8			
		USS		SAE	
3/4 x 6-1/2	1			GEU1262	GES1262
3/4 x 7	1			GEU1270	GES1270
3/4 x 7-1/2	1			GEU1272	GES1272
3/4 x 8	1			GEU1280	GES1280
3/4 x 8-1/2	1			GEU1282	GES1282
3/4 x 9	1			GEU1290	GES1290
3/4 x 9-1/2	1			GEU1292	GES1292
3/4 x 10	1			GEU12100	GES12100
3/4 x 10-1/2	1			GEU12102	GES12102
3/4 x 11	1			GEU12110	GES12110
3/4 x 11-1/2	1			GEU12112	GES12112
3/4 x 12	1			GEU12120	GES12120



To Order Call: 708-447-4500 or Outside Illinois 800-837-8707



Hex Head Cap Screws - High Carbon Heat Treated

SIZE	BOX QUANTITY	- ZINC PLATED -			
		GRADE 5		GRADE 8	
		USS	SAE	USS	SAE
7/8 x 1-1/2	20	GFU1412	GFS1412	GEU1412	GES1412
7/8 x 1-3/4	20	GFU1413	GFS1413	GEU1413	GES1413
7/8 x 2	20	GFU1420	GFS1420	GEU1420	GES1420
7/8 x 2-1/2	10	GFU1422	GFS1422	GEU1422	GES1422
7/8 x 3	10	GFU1430	GFS1430	GEU1430	GES1430
7/8 x 3-1/2	10	GFU1432	GFS1432	GEU1432	GES1432
7/8 x 4	10	GFU1440	GFS1440	GEU1440	GES1440
7/8 x 4-1/2	10	GFU1442	GFS1442	GEU1442	GES1442
7/8 x 5	10	GFU1450	GFS1450	GEU1450	GES1450
7/8 x 5-1/2	10	GFU1452	GFS1452	GEU1452	GES1452
7/8 x 6	10	GFU1460	GFS1460	GEU1460	GES1460
				- PLAIN -	
				GRADE 8	
				USS	SAE
7/8 x 6-1/2	1			GEU1462	GES1462
7/8 x 7	1			GEU1470	GES1470
7/8 x 7-1/2	1			GEU1472	GES1472
7/8 x 8	1			GEU1480	GES1480
7/8 x 8-1/2	1			GEU1482	GES1482
7/8 x 9	1			GEU1490	GES1490
7/8 x 9-1/2	1			GEU1492	GES1492
7/8 x 10	1			GEU14100	GES14100
7/8 x 10-1/2	1			GEU14102	GES14102
7/8 x 11	1			GEU14110	GES14110
7/8 x 11-1/2	1			GEU14112	GES14112
7/8 x 12	1			GEU14120	GES14120



To Order Call: 708-447-4500 or Outside Illinois 800-837-8707

Hex Head Cap Screws - High Carbon Heat Treated					
SIZE	BOX QUANTITY	- ZINC PLATED -			
		GRADE 5		GRADE 8	
		USS	SAE	USS	SAE
1 x 1-1/2	5	GFU1612	GFS1612	GEU1612	GES1612
1 x 1-3/4	5	GFU1613	GFS1613	GEU1613	GES1613
1 x 2	5	GFU1620	GFS1620	GEU1620	GES1620
1 x 2-1/2	5	GFU1622	GFS1622	GEU1622	GES1622
1 x 3	5	GFU1630	GFS1630	GEU1630	GES1630
1 x 3-1/2	5	GFU1632	GFS1632	GEU1632	GES1632
1 x 4	5	GFU1640	GFS1640	GEU1640	GES1640
1 x 4-1/2	5	GFU1642	GFS1642	GEU1642	GES1642
1 x 5	5	GFU1650	GFS1650	GEU1650	GES1650
1 x 5-1/2	5	GFU1652	GFS1652	GEU1652	GES1652
1 x 6	5	GFU1660	GFS1660	GEU1660	GES1660
- PLAIN -					
GRADE 8					
		USS		SAE	
1 x 6-1/2	1			GEU1662	GES1662
1 x 7	1			GEU1670	GES1670
1 x 7-1/2	1			GEU1672	GES1672
1 x 8	1			GEU1680	GES1680
1 x 8-1/2	1			GEU1682	GES1682
1 x 9	1			GEU1690	GES1690
1 x 9-1/2	1			GEU1692	GES1692
1 x 10	1			GEU16100	GES16100
1 x 10-1/2	1			GEU16102	GES16102
1 x 11	1			GEU16110	GES16110
1 x 11-1/2	1			GEU16112	GES16112
1 x 12	1			GEU16120	GES16120



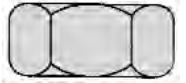
Also available

- Larger Sizes
- Special Sizes
- Secondary operations
 - Drilling
 - Threading
 - Cutting

To Order Call: 708-447-4500 or Outside Illinois 800-837-8707

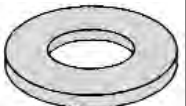


Hex Nuts - Metric				
SIZE	THREAD PITCH	BOX QTY	8.8 ITEM #	10.9 ITEM #
4MM Coarse	.07	25	MMHNC04	MM10HNC04
5MM Coarse	.08	25	MMHNC05	MM10HNC05
6MM Coarse	1.0	25	MMHNC06	MM10HNC06
7MM Coarse	1.0	25	MMHNC07	MM10HNC07
8MM Coarse	1.25	25	MMHNC08	MM10HNC08
10MM Coarse	1.5	25	MMHNC10	MM10HNC10
12MM Coarse	1.75	25	MMHNC12	MM10HNC12
14MM Coarse	2.0	25	MMHNC14	MM10HNC14
20MM Coarse	2.5	25	MMHNC20	MM10HNC20
8MM Fine	1.0	25	MMHNF08	MM10HNF08
10MM Fine	1.25	25	MMHNF10	MM10HNF10
12MM Fine	1.5	25	MMHNF12	MM10HNF12
14MM Fine	1.5	25	MMHNF14	MM10HNF14
20MM Fine	1.0	25	MMHNF20	MM10HNF20
10MM X-tra Fine	1.00	25	MMHNXF10	MM10HNXF10
12MM X-tra Fine	1.25	25	MMHNXF12	MM10HNXF12
14MM X-tra Fine	1.25	25	MMHNXF14	MM10HNXF14
16MM X-tra Fine	1.25	25	MMHNXF16	MM10HNXF16



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Flat Washers - Metric			
SIZE	BOX QTY	LOW CARB. ITEM #	HARD ITEM #
4MM	50	MMWW04	
5MM	50	MMWW05	MM10WW05
6MM	50	MMWW06	MM10WW06
8MM	50	MMWW08	MM10WW08
10MM	50	MMWW10	MM10WW10
12MM	50	MMWW12	MM10WW12
14MM	50	MMWW14	MM10WW14
16MM	25	MMWW16	MM10WW16
18MM	25	MMWW18	MM10WW18
20MM	25	MMWW20	MM10WW20



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Lock Washers - Metric		
SIZE	BOX QUANTITY	ITEM #
4MM	100	MMLW04
5MM	100	MMLW05
6MM	100	MMLW06
8MM	100	MMLW08
10MM	100	MMLW10
12MM	100	MMLW12
14MM	100	MMLW14
16MM	100	MMLW16
18MM	100	MMLW18
20MM	50	MMLW20



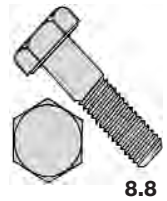
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To Order Call: 708-447-4500 or Outside Illinois 800-837-8707

Metric Hex Head Cap Screws Grade 8.8

SIZE	BOX QTY	ITEM # COARSE	THREAD PITCH	ITEM # FINE	THREAD PITCH	ITEM # XTRA FINE	THREAD PITCH
5x20MM	25	MMHCC0520	.08				
5x30MM	25	MMHCC0530	.08				
5x40MM	25	MMHCC0540	.08				
6x12MM	25	MMHCC0612	1.0				
6x16MM	25	MMHCC0616	1.0				
6x25MM	25	MMHCC0625	1.0				
6x30MM	25	MMHCC0630	1.0				
6x40MM	25	MMHCC0640	1.0				
7x20MM	25	MMHCC0720	1.0				
7x30MM	25	MMHCC0730	1.0				
7x40MM	25	MMHCC0740	1.0				
8x16MM	25	MMHCC0816	1.25				
8x20MM	25	MMHCC0820	1.25	MMHCF0820	1.0		
8x30MM	25	MMHCC0830	1.25	MMHCF0830	1.0		
8x40MM	25	MMHCC0840	1.25	MMHCF0840	1.0		
8x50MM	25	MMHCC0850	1.25	MMHCF0850	1.0		
8x60MM	25	MMHCC0860	1.25	MMHCF0860	1.0		
10x20MM	25	MMHCC1020	1.5	MMHCF1020	1.25	MMHCXF1020	1.00
10x30MM	25	MMHCC1030	1.5	MMHCF1030	1.25	MMHCXF1030	1.00
10x40MM	25	MMHCC1040	1.5	MMHCF1040	1.25	MMHCXF1040	1.00
10x50MM	25	MMHCC1050	1.5	MMHCF1050	1.25	MMHCXF1050	1.00
10x60MM	25	MMHCC1060	1.5	MMHCF1060	1.25	MMHCXF1060	1.00
12x30MM	25	MMHCC1230	1.75	MMHCF1230	1.5	MMHCXF1230	1.25
12x40MM	25	MMHCC1240	1.75	MMHCF1240	1.5	MMHCXF1240	1.25
12x50MM	25	MMHCC1250	1.75	MMHCF1250	1.5	MMHCXF1250	1.25
12x60MM	25	MMHCC1260	1.75	MMHCF1260	1.5	MMHCXF1260	1.25
12x70MM	25	MMHCC1270	1.75	MMHCF1270	1.5	MMHCXF1270	1.25
12x80MM	25	MMHCC1280	1.75	MMHCF1280	1.5	MMHCXF1280	1.25
14x30MM	25	MMHCC1430	2.0	MMHCF1430	1.5		
14x40MM	25	MMHCC1440	2.0	MMHCF1440	1.5		
14x50MM	25	MMHCC1450	2.0	MMHCF1450	1.5		
14x60MM	25	MMHCC1460	2.0	MMHCF1460	1.5		
14x70MM	25	MMHCC1470	2.0	MMHCF1470	1.5		
14x80MM	25	MMHCC1480	2.0	MMHCF1480	1.5		
16x20MM	10	MMHCC1620	2.0	MMHCF1620	1.5		
16x30MM	10	MMHCC1630	2.0	MMHCF1630	1.5		
16x40MM	10	MMHCC1640	2.0	MMHCF1640	1.5		
16x50MM	10	MMHCC1650	2.0	MMHCF1650	1.5		
16x60MM	10	MMHCC1660	2.0	MMHCF1660	1.5		
16x70MM	10	MMHCC1670	2.0	MMHCF1670	1.5		
16x80MM	10	MMHCC1680	2.0	MMHCF1680	1.5		
18x30MM	10	MMHCC1830	2.0	MMHCF1830	1.5		
18x40MM	10	MMHCC1840	2.0	MMHCF1840	1.5		
18x50MM	10	MMHCC1850	2.0	MMHCF1850	1.5		
18x60MM	10	MMHCC1860	2.0	MMHCF1860	1.5		
18x70MM	10	MMHCC1870	2.0	MMHCF1870	1.5		
18x80MM	10	MMHCC1880	2.0	MMHCF1880	1.5		



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Also available in assortments, refer to pages 128 & 134.

To Order Call: 708-447-4500 or Outside Illinois 800-837-8707



Metric Hex Head Cap Screws Grade 10.9

SIZE	BOX QTY	ITEM # COARSE	THREAD PITCH	ITEM # FINE	THREAD PITCH	ITEM # XTRA FINE	THREAD PITCH
6x12MM	25	MM10HCC0612	1.0				
6x16MM	25	MM10HCC0616	1.0				
6x25MM	25	MM10HCC0625	1.0				
6x30MM	25	MM10HCC0630	1.0				
6x40MM	25	MM10HCC0640	1.0				
7x20MM	25	MM10HCC0720	1.0				
7x30MM	25	MM10HCC0730	1.0				
7x40MM	25	MM10HCC0740	1.0				
8x16MM	25	MM10HCC0816	1.25				
8x20MM	25	MM10HCC0820	1.25	MM10HCF0820	1.0		
8x30MM	25	MM10HCC0830	1.25	MM10HCF0830	1.0		
8x40MM	25	MM10HCC0840	1.25	MM10HCF0840	1.0		
8x50MM	25	MM10HCC0850	1.25	MM10HCF0850	1.0		
8x60MM	25	MM10HCC0860	1.25				
10x20MM	25	MM10HCC1020	1.5	MM10HCF1020	1.25	MM10HCXF1020	1.00
10x30MM	25	MM10HCC1030	1.5	MM10HCF1030	1.25	MM10HCXF1030	1.00
10x40MM	25	MM10HCC1040	1.5	MM10HCF1040	1.25	MM10HCXF1040	1.00
10x50MM	25	MM10HCC1050	1.5	MM10HCF1050	1.25	MM10HCXF1050	1.00
10x60MM	25	MM10HCC1060	1.5				
12x30MM	25	MM10HCC1230	1.75	MM10HCF1230	1.5	MM10HCXF1230	1.25
12x40MM	25	MM10HCC1240	1.75	MM10HCF1240	1.5	MM10HCXF1240	1.25
12x50MM	25	MM10HCC1250	1.75	MM10HCF1250	1.5	MM10HCXF1250	1.25
12x60MM	25	MM10HCC1260	1.75	MM10HCF1260	1.5	MM10HCXF1260	1.25
12x70MM	25	MM10HCC1270	1.75				
12x80MM	25	MM10HCC1280	1.75				
14x30MM	25	MM10HCC1430	2.0	MM10HCF1430	1.5		
14x40MM	25	MM10HCC1440	2.0	MM10HCF1440	1.5		
14x50MM	25	MM10HCC1450	2.0	MM10HCF1450	1.5		
14x60MM	25	MM10HCC1460	2.0				
14x70MM	25	MM10HCC1470	2.0				
14x80MM	25	MM10HCC1480	2.0				
16x20MM	10	MM10HCC1620	2.0	MM10HCF1620	1.5		
16x30MM	10	MM10HCC1630	2.0	MM10HCF1630	1.5		
16x40MM	10	MM10HCC1640	2.0	MM10HCF1640	1.5		
16x50MM	10	MM10HCC1650	2.0	MM10HCF1650	1.5		
16x60MM	10	MM10HCC1660	2.0	MM10HCF1660	1.5		
16x70MM	10	MM10HCC1670	2.0				
16x80MM	10	MM10HCC1680	2.0				
18x30MM	10	MM10HCC1830	2.0	MM10HCF1830	1.5		
18x40MM	10	MM10HCC1840	2.0	MM10HCF1840	1.5		
18x50MM	10	MM10HCC1850	2.0	MM10HCF1850	1.5		
18x60MM	10	MM10HCC1860	2.0	MM10HCF1860	1.5		
18x70MM	10	MM10HCC1870	2.0				
18x80MM	10	MM10HCC1880	2.0				

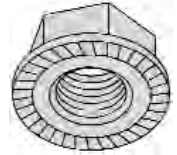
Also available in assortments, refer to page 128.



To Order Call: 708-447-4500 or Outside Illinois 800-837-8707

Serrated Hex Flange Lock Nuts - Hardened Steel Zinc Plated

DESCRIPTION	BOX QUANTITY	ITEM #
1/4 - 20	100	HNUF04
5/16 - 18	100	HNUF05
3/8 - 16	100	HNUF06



Grade GT Stover Lock Nut Flange Style

Black Phosphate and Oiled for use with Grade 8 Flange Bolts

DESCRIPTION	BOX QUANTITY	ITEM #
1/2 - 13	25	HNUF08
5/8 - 11	25	HNUF10
3/4 - 10	25	HNUF12



Grade 8 Flange (Frame) Bolts - Hex Washer Head

Black Phosphate and Oiled

DESCRIPTION	BOX QUANTITY	ITEM #
1/2-13x1-1/2	25	GEUF0812
1/2-13x1-3/4	25	GEUF0813
1/2-13x2	25	GEUF0820
1/2-13x2-1/2	25	GEUF0822
1/2-13x3	25	GEUF0830
1/2-13x3-1/2	25	GEUF0832
1/2-13x4	25	GEUF0840
5/8-11x1-1/2	25	GEUF1012
5/8-11x1-3/4	25	GEUF1013
5/8-11x2	25	GEUF1020
5/8-11x2-1/2	25	GEUF1022
5/8-11x3	25	GEUF1030
5/8-11x3-1/2	25	GEUF1032
5/8-11x4	25	GEUF1040
3/4-10x2	25	GEUF1220
3/4-10x2-1/2	25	GEUF1222
3/4-10x3	25	GEUF1230
3/4-10x3-1/2	25	GEUF1232
3/4-10x4	25	GEUF1240



To Order Call: 708-447-4500 or Outside Illinois 800-837-8707



Socket Head Cap Screws

SIZE	BOX QTY	ROUND HEAD	FLAT HEAD	BUTTON HEAD
1/4-20x1/2	100	SKTU0402	SKTFU0402	SKTBU0402
1/4-20x3/4	100	SKTU0403	SKTFU0403	SKTBU0403
1/4-20x1	100	SKTU0410	SKTFU0410	SKTBU0410
1/4-20x1-1/4	100	SKTU0411	SKTFU0411	
1/4-20x1-1/2	100	SKTU0412	SKTFU0412	
1/4-20x1-3/4	100	SKTU0413	SKTFU0413	
1/4-20x2	100	SKTU0420	SKTFU0420	
1/4-20x2-1/2	100	SKTU0422	SKTFU0422	
1/4-20x3	100	SKTU0430	SKTFU0430	
<hr/>				
5/16-18x1/2	100	SKTU0502	SKTFU0502	SKTBU0502
5/16-18x3/4	100	SKTU0503	SKTFU0503	SKTBU0503
5/16-18x1	100	SKTU0510	SKTFU0510	SKTBU0510
5/16-18x1-1/4	100	SKTU0511	SKTFU0511	
5/16-18x1-1/2	100	SKTU0512	SKTFU0512	
5/16-18x1-3/4	100	SKTU0513	SKTFU0513	
5/16-18x2	100	SKTU0520	SKTFU0520	
5/16-18x2-1/2	100	SKTU0522	SKTFU0522	
5/16-18x3	100	SKTU0530	SKTFU0530	
5/16-18x3-1/2	100	SKTU0532	SKTFU0532	
5/16-18x4	100	SKTU0540	SKTFU0540	
<hr/>				
3/8-16x1/2	100	SKTU0602	SKTFU0602	SKTBU0602
3/8-16x3/4	100	SKTU0603	SKTFU0603	SKTBU0603
3/8-16x1	100	SKTU0610	SKTFU0610	SKTBU0610
3/8-16x1-1/4	100	SKTU0611	SKTFU0611	SKTBU0611
3/8-16x1-1/2	100	SKTU0612	SKTFU0612	
3/8-16x2	100	SKTU0620	SKTFU0620	
3/8-16x2-1/2	50	SKTU0622	SKTFU0622	
3/8-16x3	50	SKTU0630	SKTFU0630	
3/8-16x3-1/2	50	SKTU0632	SKTFU0632	
3/8-16x4	50	SKTU0640	SKTFU0640	
<hr/>				
7/16-14x1	100	SKTU0710	SKTFU0710	
7/16-14x1-1/4	100	SKTU0711	SKTFU0711	
7/16-14x1-1/2	100	SKTU0712	SKTFU0712	
7/16x14x2	50	SKTU0720	SKTFU0720	
7/16-14x2-1/2	50	SKTU0722	SKTFU0722	
7/16-14x3	50	SKTU0730	SKTFU0730	
7/16-14x3-1/2	50	SKTU0732	SKTFU0732	
7/16-14x4	50	SKTU0740	SKTFU0740	
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1/2-13x1	50	SKTU0810	SKTFU0810	SKTBU0810
1/2-13x1-1/4	50	SKTU0811	SKTFU0811	SKTBU0811
1/2-13x1-1/2	50	SKTU0812	SKTFU0812	SKTBU0812
1/2-13x2	50	SKTU0820	SKTFU0820	SKTBU0820
1/2-13x2-1/2	50	SKTU0822	SKTFU0822	
1/2-13x3	50	SKTU0830	SKTFU0830	
1/2-13x3-1/2	50	SKTU0832	SKTFU0832	
1/2-13x4	25	SKTU0840	SKTFU0840	
<hr/>				
5/8-11x1-1/4	50	SKTU1011	SKTFU1011	SKTBU1011
5/8-11x1-1/2	50	SKTU1012	SKTFU1012	SKTBU1012
5/8-11x2	50	SKTU1020	SKTFU1020	SKTBU1020
5/8-11x2-1/2	25	SKTU1022	SKTFU1022	
5/8-11x3	25	SKTU1030	SKTFU1030	
5/8-11x3-1/2	25	SKTU1032	SKTFU1032	
5/8-11x4	25	SKTU1040	SKTFU1040	



Button Head

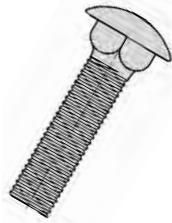


Round Head



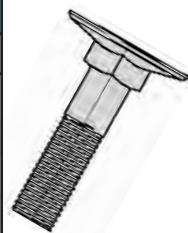
Flat Head

Full-Thread Carriage Bolts - Zinc Plated				
DESCRIPTION	1/4 - 20	5/16 - 18	3/8 - 16	1/2 - 13
1"	CB0410	CB0510	CB0610	CB0810
1-1/4	CB0411	CB0511	CB0611	CB0811
1-1/2	CB0412	CB0512	CB0612	CB0812
1-3/4	CB0413	CB0513	CB0613	CB0813
2"	CB0420	CB0520	CB0620	CB0820
2-1/2	CB0422	CB0522	CB0622	CB0822
3"	CB0430	CB0530	CB0630	CB0830
3-1/2	CB0432	CB0532	CB0632	CB0832
4"	CB0440	CB0540	CB0640	CB0840
4-1/2	CB0442	CB0542	CB0642	CB0842
5"	CB0450	CB0550	CB0650	CB0850
5-1/2	CB0452	CB0552	CB0652	CB0852
6"	CB0460	CB0560	CB0660	CB0860



Also Available:
Grade 5

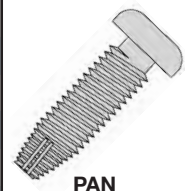
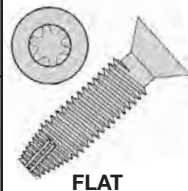
Elevator Bolts - Zinc Plated		
DIAMETER (ACROSS) / LENGTH (DOWN)	1/4-20	3/8-16
1-1/4	CBEL0411	CBEL0611
1-1/2	CBEL0412	CBEL0612
2"	CBEL0420	CBEL0620
2-1/4	CBEL0421	CBEL0621
2-1/2	CBEL0422	CBEL0622
3"	CBEL0430	CBEL0630



Step Bolts - Zinc Plated			
DIAMETER (ACROSS) / LENGTH (DOWN)	1/4 - 20	5/16 - 18	3/8 - 16
1-1/4	CBST0411	CBST0511	CBST0611
1-1/2	CBST0412	CBST0512	CBST0612
2"	CBST0420	CBST0520	CBST0620



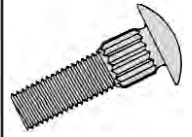
Torx Floor-Board Screws					
DESCRIPTION	1/4 TORX - FLAT PHOS & OIL	DESCRIPTION	5/16 TORX - FLAT PHOS & OIL	DESCRIPTION	TORX PAN ZINC PLATED
1/4x1"	FLST0410	5/16x1"	FLST0510	1/4x1"	FLSTP0410
1/4x1-1/4	FLST0411	5/16x1-1/4	FLST0511	1/4x1-1/2	FLSTP0412
1/4x1-1/2	FLST0412	5/16x1-1/2	FLST0512	5/16x1"	FLSTP0510
1/4x2"	FLST0420	5/16x2"	FLST0520	5/16x1-1/4	FLSTP0511
1/4x2-1/4	FLST0421	5/16x2-1/4	FLST0521	5/16x2"	FLSTP0520
1/4x2-1/2	FLST0422	5/16x2-1/2	FLST0522		
1/4x3"	FLST0430	5/16x3"	FLST0530		
1/4x4"	FLST0440	5/16x4"	FLST0540		
1/4x5"	FLST0450	5/16x4-3/4	FLST0543		
1/4x6"	FLST0460				



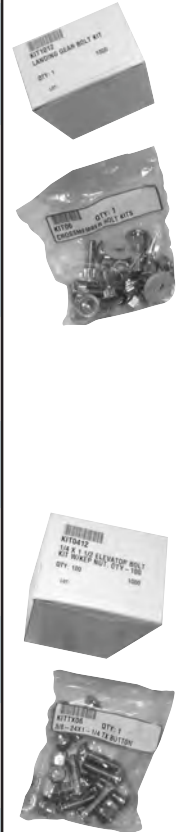
To Order Call: 708-447-4500 or Outside Illinois 800-837-8707






Rib-Neck Carriage Bolts - Zinc Plated		
DESCRIPTION	ITEM NUMBER	BOX QUANTITY
1/4 - 20 x 1-1/4	CBRN0411	100
1/4 - 20 x 1-1/2	CBRN0412	100
1/4 - 20 x 2	CBRN0420	100
5/16 - 18 x 1 Short Rib	CBRN0510	100
3/8 - 16 x 1-1/4 grade 5.1 (3 radial lines on head)	CBRN0611	100
3/8 - 16 x 1-1/2	CBRN0612	100
3/8 - 16 x 2	CBRN0620	50
3/8 - 16 x 2-1/2	CBRN0622	50





Kits			
DESCRIPTION	QTY	KIT CONTENTS	ITEM #
Roof Bow	4	5/16 - 18 x 1 Short Rib Neck Carriage Bolts	KIT05
	4	5/16 - 18 Nylon Lock Nuts	
	4	5/16 Neoprene Backed 18-8 Washer	
Crossmember Bolt	8	3/8 - 16 x 1-1/4 Rib Neck Carriage Bolts grade 5.1	KIT06
	8	3/8 - 16 Flange Nuts	
	8	3/8 Mylar Washers	
Bottom Rail	8	3/8 - 24 x 1-1/4 Torx Button Screws	KITTX06
	8	3/8 - 24 Nylon Lock Nuts	
Bottom Rail	8	3/8 - 16 x 1-1/4 Torx Button Screws	KITTXU06
	8	3/8 - 16 Flange Nuts	
Landing Gear Bolt	10	5/8 - 18 x 1-1/2 Cap Scr G5	KIT1012
	10	5/8 - 18 Nylon Lock Nuts	
1" Elevator Bolts	100	1/4 x 1 Elevator Bolts	KIT0410
	100	1/4 - 20 Kep Nuts	
1-1/4" Elevator Bolts	100	1/4 x 1-1/4 Elevator Bolts	KIT0411
	100	1/4 - 20 Kep Nuts	
1-1/2" Elevator Bolts	100	1/4 x 1-1/2 Elevator Bolts	KIT0412
	100	1/4 - 20 Kep Nuts	
2" Elevator Bolts	50	3/8 x 2 Elevator Bolts	KIT0620
	50	3/8 - 16 Kep Nuts	
1-1/4" Step Bolts	100	1/4 - 20 x 1-1/4 Step Bolts	KIT0411ST
	100	1/4 - 20 Kep Nuts	
1-1/2" Step Bolts	100	1/4 x 1-1/2 Step Bolts	KIT0412ST
	100	1/4 - 20 Kep Nuts	
2" Step Bolts	100	1/4 x 2 Step Bolts	KIT0420ST
	100	1/4 - 20 Kep Nuts	





To Order Call: 708-447-4500 or Outside Illinois 800-837-8707

Camtainer Nuts			 ROUND
DESCRIPTION	ITEM NUMBER	BOX QUANTITY	
5/16 - 18 x 1/2 Std. Round 1" Head Dia. - TX55	CAM89060008	100	
5/16 - 18 x 1/2 Std. Round .618 Head Dia. - TX50	CAM89060020	100	
5/16 - 18 Encapsulated White	CAMIN05	100	 ENCAPSULATED
5/16 - 18 Encapsulated White-Barbed Neck	CAMINR502	100	
5/16 - 18 Encapsulated Gray-Barbed Neck	CAMINR502G	100	
5/16 - 18 Smooth "T" Finish	CAMT05	100	 TEE

Encapsulated Camtainer Bolts			
DESCRIPTION	ITEM NUMBER	BOX QUANTITY	
5/16 - 18 x 7/8 - Encapsulated (gray)	CAM88082113	100	
5/16 - 18 x 7/8 Encapsulated (white)	CAM88082114	100	
5/16 - 18 x 1 - Encapsulated (gray)	CAM88082921	100	
5/16 - 18 x 1 - Encapsulated (white)	CAM88082922	100	

Washer Head Camtainer Bolts			
DESCRIPTION	ITEM NUMBER	BOX QUANTITY	
5/16 - 18 x 7/8 Washer Head	CAM88082120	100	
5/16 - 18 x 1 Washer Head	CAM88082930	100	

Round Head Camtainer Bolts			
DESCRIPTION	ITEM NUMBER	BOX QUANTITY	
5/16 - 18 x 1 Std. Round Head	CAM88082920	100	
5/16 - 18 x 1-1/4 Std. Round Head	CAM88084160	100	

Hex Head Camtainer Bolts			
DESCRIPTION	ITEM NUMBER	BOX QUANTITY	
5/16 - 18 x 1-1/8 Hex Washer Head	CAMHHW0511	100	

To Order Call: 708-447-4500 or Outside Illinois 800-837-8707



Sheet Metal Screws - Zinc Plated

Hex Head			Slotted Hex Washer Head	
DESCRIPTION	BOX QTY	ITEM #	ITEM #	WRENCH SIZE
8 x 1/2	100	SMSHH0802	SMSHWH0802	1/4"
8 x 3/4	100	SMSHH0803	SMSHWH0803	1/4"
8 x 1	100	SMSHH0810	SMSHWH0810	1/4"
10 x 1/2	100	SMSHH1002	SMSHWH1002	5/16"
10 x 3/4	100	SMSHH1003	SMSHWH1003	5/16"
10 x 1	100	SMSHH1010	SMSHWH1010	5/16"
12 x 1/2	100	SMSHH1202	SMSHWH1202	5/16"
12 x 3/4	100	SMSHH1203	SMSHWH1203	5/16"
12 x 1	100	SMSHH1210	SMSHWH1210	5/16"
14 x 3/4	100	SMSHH1403	SMSHWH1403	7/16"
14 x 1	100	SMSHH1410	SMSHWH1410	7/16"
14 x 1-1/2	50	SMSHH1412	SMSHWH1412	7/16"
14 x 2	50	SMSHH1420	SMSHWH1420	7/16"
5/16 x 3/4	50	SMSHH1503		1/2"
5/16 x 1	50	SMSHH1510		1/2"
5/16 x 1-1/4	50	SMSHH1511		1/2"
5/16 x 1-1/2	50	SMSHH1512		1/2"
5/16 x 2	50	SMSHH1520		1/2"
3/8 x 1	50	SMSHH1610		9/16"
3/8 x 1-1/2	50	SMSHH1612		9/16"



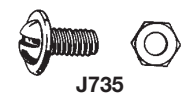
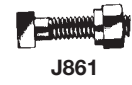
DIAMETER MEASURES AS FOLLOWS:

#6 = 1/8 #8 = 5/32 #10 = 3/16 #12 = 7/32 #14 = 1/4

Also available in assortments, refer to page 133.

Battery & License Plate Bolts

DESCRIPTION	BOX QTY	ITEM #
License Plate Bolts	100	J735
5/16 - 18 x 12 Battery Hold Down Bolts	10	MIB512
5/16 - 18 x 1-3/8 Battery Bolts	50	J861
Packaged with Shoulder Hex Nuts/Plated		



To Order Call: 708-447-4500 or Outside Illinois 800-837-8707

Phillips Pan Head Sheet Metal Screws

SIZE	BOX QTY	ITEM #	STAINLESS ITEM#	SIZE	BOX QTY	ITEM#	STAINLESS ITEM#
6 x 1/2	100	SMSPH0602	SSSMSPH0602	12 x 1/2	100	SMSPH1202	SSSMSPH1202
6 x 3/4	100	SMSPH0603	SSSMSPH0603	12 x 3/4	100	SMSPH1203	SSSMSPH1203
6 x 1	100	SMSPH0610	SSSMSPH0610	12 x 1	100	SMSPH1210	SSSMSPH1210
				12 x 1-1/2	100	SMSPH1212	SSSMSPH1212
8 x 1/2	100	SMSPH0802	SSSMSPH0802	12 x 2	100	SMSPH1220	SSSMSPH1220
8 x 3/4	100	SMSPH0803	SSSMSPH0803	14 x 1/2	100	SMSPH1402	SSSMSPH1402
8 x 1	100	SMSPH0810	SSSMSPH0810	14 x 3/4	100	SMSPH1403	SSSMSPH1403
8 x 1-1/2	100	SMSPH0812	SSSMSPH0812	14 x 1	100	SMSPH1410	SSSMSPH1410
				14 x 1-1/2	100	SMSPH1412	SSSMSPH1412
10 x 1/2	100	SMSPH1002	SSSMSPH1002	14 x 2	100	SMSPH1420	SSSMSPH1420
10 x 3/4	100	SMSPH1003	SSSMSPH1003	14 x 2-1/2	100	SMSPH1422	SSSMSPH1422
10 x 1	100	SMSPH1010	SSSMSPH1010	14 x 3	100	SMSPH1430	SSSMSPH1430
10 x 1-1/2	100	SMSPH1012	SSSMSPH1012				
10 x 2	100	SMSPH1020	SSSMSPH1020				



Also available in assortments, refer to page 129.
Truss Head and Flat Head also available.

Slotted Pan Head Sheet Metal Screws

SIZE	BOX QTY	ITEM #	STAINLESS ITEM#	SIZE	BOX QTY	ITEM #	STAINLESS ITEM#
6 x 1/2	100	SMSSL0602	SSSMSSL0602	10 x 1-1/2	50	SMSSL1012	SSSMSSL1012
6 x 3/4	100	SMSSL0603	SSSMSSL0603	10 x 2	50	SMSSL1020	SSSMSSL1020
6 x 1	100	SMSSL0610	SSSMSSL0610				
				12 x 1/2	100	SMSSL1202	SSSMSSL1202
8 x 1/2	100	SMSSL0802	SSSMSSL0802	12 x 3/4	100	SMSSL1203	SSSMSSL1203
8 x 3/4	100	SMSSL0803	SSSMSSL0803	12 x 1	100	SMSSL1210	SSSMSSL1210
8 x 1	100	SMSSL0810	SSSMSSL0810	12 x 1-1/2	50	SMSSL1212	SSSMSSL1212
8 x 1-1/2	100	SMSSL0812	SSSMSSL0812	12 x 2	50	SMSSL1220	SSSMSSL1220
8 x 2	100	SMSSL0820	SSSMSSL0820				
				14 x 1/2	100	SMSSL1402	SSSMSSL1402
10 x 1/2	100	SMSSL1002	SSSMSSL1002	14 x 3/4	100	SMSSL1403	SSSMSSL1403
10 x 3/4	100	SMSSL1003	SSSMSSL1003	14 x 1	100	SMSSL1410	SSSMSSL1410
10 x 1	100	SMSSL1010	SSSMSSL1010	14 x 1-1/2	50	SMSSL1412	SSSMSSL1412
				14 x 2	50	SMSSL1420	SSSMSSL1420



Also available in assortments, refer to page 129.
Truss Head and Flat Head also available.

Combination Pan Head Sheet Metal Screws


SIZE	BOX QTY	ITEM #	SIZE	BOX QTY	ITEM #
6 x 1/2	100	SMSC0602	10 x 1-1/2	50	SMSC1012
6 x 3/4	100	SMSC0603	10 x 2	50	SMSC1020
6 x 1	100	SMSC0610			
			12 x 1/2	100	SMSC1202
8 x 1/2	100	SMSC0802	12 x 3/4	100	SMSC1203
8 x 3/4	100	SMSC0803	12 x 1	100	SMSC1210
8 x 1	100	SMSC0810	12 x 1-1/2	50	SMSC1212
8 x 1-1/2	100	SMSC0812			




To Order Call: 708-447-4500 or Outside Illinois 800-837-8707



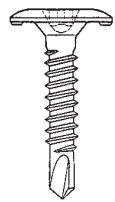
Hex Washer Head Tek Screws - Zinc Plated							
SIZE	BOX QTY	ITEM #	STAINLESS ITEM#	SIZE	BOX QTY	ITEM #	STAINLESS ITEM#
8 x 3/4	100	SMSTKH0803	SSSMSTKH0803	12 x 3/4	100	SMSTKH1203	SSSMSTKH1203
8 x 1	100	SMSTKH0810	SSSMSTKH0810	12 x 1	100	SMSTKH1210	SSSMSTKH1210
8 x 1-1/2	100	SMSTKH0812	SSSMSTKH0812	12 x 1-1/2	100	SMSTKH1212	SSSMSTKH1212
10 x 1/2	100	SMSTKH1002	SSSMSTKH1002	14 x 3/4	100	SMSTKH1403	SSSMSTKH1403
10 x 5/8	100	SMSTKH1005	SSSMSTKH1005	14 x 1	100	SMSTKH1410	SSSMSTKH1410
10 x 3/4	100	SMSTKH1003	SSSMSTKH1003	14 x 1-1/2	100	SMSTKH1412	SSSMSTKH1412
10 x 1	100	SMSTKH1010	SSSMSTKH1010				
10 x 1-1/2	100	SMSTKH1012	SSSMSTKH1012				



Phillips Pan Head Tek Screws - Zinc Plated					
DESCRIPTION	BOX QTY	ITEM #	DESCRIPTION	BOX QTY	ITEM #
8 - 18 x 3/4	100	SMSTKP0803	10 - 16 x 3/4	100	SMSTKP1003
8 - 18 x 1	100	SMSTKP0810	10 - 16 x 1	100	SMSTKP1010




Fastening Systems for the Transportation Industry			
Fastening Systems For Interior Wood Lining			
DESCRIPTION	BOX QTY	ITEM #	PLATING
10 x 3/4 SCI Liner Screw	100	STLPL1003	Zinc/Yellow
10 x 1 SCI Liner Screw	100	STLPL1010	Zinc/Yellow
10 x 1 1/4 SCI Liner Screw	100	STLPL1011	Zinc/Yellow
12 x 1 3/8 SCI Liner Screw	100	STLPL1216	Zinc/Yellow
10 x 1 3/8 SCI Liner Screw	100	STLPL1010E	Black E-Cote
10 x 1 1/4 SCI Liner Screw	100	STLPL1011E	Black E-Cote




SCI Liner Screws use #2 square drive apex bit. See page 95 for part number.

Plywood Lining Screws - Phillips & Torx Wafer Head Tek Screws - Zinc Plated					
DESCRIPTION	BOX QTY	ITEM #	DESCRIPTION	BOX QTY	ITEM #
10 - 24 x 1 PH	100	SMSTKW1010	10 - 16 x 1 TX	100	SMSTKWT1010
10 - 24 x 1-1/2 PH	100	SMSTKW1012	10 - 16 x 1-1/4 TX	100	SMSTKWT1011
			10 - 16 x 1-1/2 TX	100	SMSTKWT1012



Phillips Flat Head Wood Screws - Zinc Plated					
DESCRIPTION	BOX QTY	ITEM #	DESCRIPTION	BOX QTY	ITEM #
14 - 1-1/2	100	SMSWSPH1412	14 x 2-1/2	100	SMSWSPH1422
14 x 2	100	SMSWSPH1420	14 x 3	100	SMSWSPH1430




To Order Call: 708-447-4500 or Outside Illinois 800-837-8707

Machine Screws - Zinc Plated

DESCRIPTION	BOX QTY	SLOTTED #	PHILLIPS #	FLAT PHILLIPS #
6 - 32 x 1/2	100	MS063202	MSPH063202	MSPFH063202
6 - 32 x 3/4	100	MS063203	MSPH063203	MSPFH063202
6 - 32 x 1	100	MS063210	MSPH063210	MSPFH063210
6 - 32 x 1-1/2	100	MS063212	MSPH063212	MSPFH063212
8 - 32 x 1/2	100	MS083202	MSPH083202	MSPFH083202
8 - 32 x 3/4	100	MS083203	MSPH083203	MSPFH083203
8 - 32 x 1	100	MS083210	MSPH083210	MSPFH083210
8 - 32 x 1-1/2	100	MS083212	MSPH083212	MSPFH083212
8 - 32 x 2	100	MS083220	MSPH083220	MSPFH083220
10 - 32 x 1/2	100	MS103202	MSPH103202	MSPFH103202
10 - 32 x 3/4	100	MS103203	MSPH103203	MSPFH103203
10 - 32 x 1	100	MS103210	MSPH103210	MSPFH103210
10 - 32 x 1-1/2	100	MS103212	MSPH103212	MSPFH103212
10 - 32 x 2	100	MS103220	MSPH103220	MSPFH103220
10 - 24 x 1/2	100	MS102402	MSPH102402	MSPFH102402
10 - 24 x 3/4	100	MS102403	MSPH102403	MSPFH102403
10 - 24 x 1	100	MS102410	MSPH102410	MSPFH102410
10 - 24 x 1-1/2	100	MS102412	MSPH102412	MSPFH102412
10 - 24 x 2	100	MS102420	MSPH102420	MSPFH102420
10 - 24 x 2-1/2	100	MS102422	MSPH102422	MSPFH102422
10 - 24 x 3	100	MS102430	MSPH102430	MSPFH102430
1/4 - 20 x 1/2	100	MS142002	MSPH142002	MSPFH142002
1/4 - 20 x 3/4	100	MS142003	MSPH142003	MSPFH142003
1/4 - 20 x 1	100	MS142010	MSPH142010	MSPFH142010
1/4 x 20 x 1-1/2	100	MS142012	MSPH142012	MSPFH142012
1/4 x 20 x 2	100	MS142020	MSPH142020	MSPFH142020
1/4 - 20 x 2-1/2	100	MS142022	MSPH142022	MSPFH142022
1/4 - 20 x 3	100	MS142030	MSPH142030	MSPFH142030



SLOTTED



PHILLIPS



FLAT PHILLIPS

Also available in assortments, refer to page 133.

To Order Call: 708-447-4500 or Outside Illinois 800-837-8707



Machine Screws - Stainless Steel				
DESCRIPTION	BOX QTY	SLOTTED #	PHILLIPS #	FLAT PHILLIPS #
6 - 32 x 1/2	100	SSMS063202	SSMSPH063202	SSMSPFH063202
6 - 32 x 3/4	100	SSMS063203	SSMSPH063203	SSMSPFH063202
6 - 32 x 1	100	SSMS063210	SSMSPH063210	SSMSPFH063210
6 - 32 x 1-1/2	100	SSMS063212	SSMSPH063212	SSMSPFH063212
8 - 32 x 1/2	100	SSMS083202	SSMSPH083202	SSMSPFH083202
8 - 32 x 3/4	100	SSMS083203	SSMSPH083203	SSMSPFH083203
8 - 32 x 1	100	SSMS083210	SSMSPH083210	SSMSPFH083210
8 - 32 x 1-1/2	100	SSMS083212	SSMSPH083212	SSMSPFH083212
8 - 32 x 2	100	SSMS083220	SSMSPH083220	SSMSPFH083220
10 - 32 x 1/2	100	SSMS103202	SSMSPH103202	SSMSPFH103202
10 - 32 x 3/4	100	SSMS103203	SSMSPH103203	SSMSPFH103203
10 - 32 x 1	100	SSMS103210	SSMSPH103210	SSMSPFH103210
10 - 32 x 1-1/2	100	SSMS103212	SSMSPH103212	SSMSPFH103212
10 - 32 x 2	100	SSMS103220	SSMSPH103220	SSMSPFH103220
10 - 24 x 1/2	100	SSMS102402	SSMSPH102402	SSMSPFH102402
10 - 24 x 3/4	100	SSMS102403	SSMSPH102403	SSMSPFH102403
10 - 24 x 1	100	SSMS102410	SSMSPH102410	SSMSPFH102410
10 - 24 x 1-1/2	100	SSMS102412	SSMSPH102412	SSMSPFH102412
10 - 24 x 2	100	SSMS102420	SSMSPH102420	SSMSPFH102420
10 - 24 x 2-1/2	100	SSMS102422	SSMSPH102422	SSMSPFH102422
10 - 24 x 3	100	SSMS102430	SSMSPH102430	SSMSPFH102430
1/4 - 20 x 1/2	100	SSMS142002	SSMSPH142002	SSMSPFH142002
1/4 - 20 x 3/4	100	SSMS142003	SSMSPH142003	SSMSPFH142003
1/4 - 20 x 1	100	SSMS142010	SSMSPH142010	SSMSPFH142010
1/4 x 20 x 1-1/2	100	SSMS142012	SSMSPH142012	SSMSPFH142012
1/4 x 20 x 2	100	SSMS142020	SSMSPH142020	SSMSPFH142020
1/4 - 20 x 2-1/2	100	SSMS142022	SSMSPH142022	SSMSPFH142022
1/4 - 20 x 3	100	SSMS142030	SSMSPH142030	SSMSPFH142030



SLOTTED



PHILLIPS



FLAT PHILLIPS

Also available in assortments, refer to page 133.

















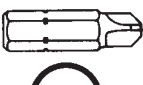



Threaded Rod				
3 Foot Lengths - Zinc Plated			3 Foot Lengths - B-7 Plain	
USS ITEM#	SAE ITEM #	SIZE	USS B7 ITEM #	SAE B7 ITEM #
RODU04	RODS04	1/4	RODB7U04	RODB7S04
RODU05	RODS05	5/16	RODB7U05	RODB7S05
RODU06	RODS06	3/8	RODB7U06	RODB7S06
RODU07	RODS07	7/16	RODB7U07	RODB7S07
RODU08	RODS08	1/2	RODB7U08	RODB7S08
RODU09	RODS09	9/16	RODB7U09	RODB7S09
RODU10	RODS10	5/8	RODB7U10	RODBUS10
RODU 12	RODS12	3/4	RODB7U12	RODB7S12
RODU14	RODS14	7/8	RODB7U14	RODB7S14
RODU16	RODS16	1"	RODB7U16	RODB7S16




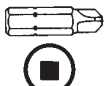











To Order Call: 708-447-4500 or Outside Illinois 800-837-8707

Technical Information

















Head Styles

BINDING	FILLISTER	FLAT FILLISTER	FLAT 82+	FLAT 100+
				
undercut unless otherwise specified - not recommended for phillips recess	deep slot used for counter bored holes	same as standard fillister without oval top	used where flush surface is desired	larger head than 82° used for thin metal soft plastic
FLAT TRIM	FLAT UNDERCUT	HEXAGON	HEX WASHER	OVAL
				
same as 82± except diameter and countersink depth reduced	standard 82± with lower 1/3 countersink removed for short screws	manufactured as trim hex or indented hex	same as hexagon with washer section	same as flat head with rounded surface for appearance
OVAL UNDERCUT	OVAL TRIM	PAN	ROUND	ROUND COUNTERSUNK
				
similar to flat undercut with rounded surface	same as oval - smaller diameter and countersink	recommended to replace round, truss binder	general purpose (see pan head)	bolts only - similar to flat head with no driving recess
ROUND WASHER	SQUARE	SQUARE COUNTERSUNK	SQUARE (SET SCREW)	TRUSS
				
same as round head with integral washer for bearing surface	bolts only - large bearing surface for wrench tightening	for use on plow bolts	recommended for high torque assembly	similar to round head with larger diameter (see pan head)

Driving Recess

CROSSED-RECESSED (PHILLIPS)	SQUARE SOCKET	POZI-DRIV	SLOT & SQUARE SOCKET	FREARSON
				
INDENT HEX WASHER	PHILLIPS & SLOT	INDENT SLOTTED HEX WASHER	SLOT	PHILLIPS PYRAMID
				
CROSS-SLOT	CLUTCH	TORX		
				

Point Styles

TYPE AB	TYPE 17	TYPE BP	TYPE A	TYPE B	TYPE BT (25)	TYPE C	TYPE T (23)
							
TYPE D (1)	TYPE F	TYPE G	TYPE BF	TYPE U	TYPE TT	TYPE CA	DOG POINT
							

To Order Call: 708-447-4500 or Outside Illinois 800-837-8707

Conversion Charts

Chart 1

MILLIMETERS (SI)	DECIMAL INCHES (USCS)	INCH FRACTION (USCS)
0.100	.0039	-
0.200	.0079	-
0.300	.0118	-
0.397	.0156	1/64
0.400	.0157	-
0.500	.0197	-
0.600	.0236	-
0.700	.0276	-
0.794	.0313	1/32
0.800	.0315	-
0.900	.0354	-
1.000	.0394	-
1.191	.0469	3/64
1.500	.0591	-
1.588	.0625	1/16
1.984	.0781	5/64
2.000	.0787	-
2.381	.0938	-
2.500	.0984	-
2.778	.1094	7/64
3.000	.1181	-
3.175	.1250	1/8
3.500	.1378	-
3.572	.1406	9/64
3.969	.1563	5/32
4.000	.1575	-
4.366	.1719	11/64
4.500	.1772	-
4.763	.1875	3/16
5.000	.1969	-
5.159	.2031	13/64
5.500	.1969	-
5.556	.2188	7/32
5.953	.2344	15/64
6.000	.2362	-
6.350	.2500	1/4

MILLIMETERS (SI)	DECIMAL INCHES (USCS)	INCH FRACTION (USCS)
6.500	.2559	-
6.747	.2656	17/64
7.000	.2756	-
7.144	.2813	9/32
7.500	.2953	-
7.541	.2969	19/64
7.938	.3125	5/16
8.000	.3150	-
8.334	.3281	21/64
8.500	.3346	-
8.731	.3438	11/32
9.000	.3543	-
9.128	.3594	23/64
9.500	.3740	-
9.525	.3750	3/8
9.922	.3906	25/64
10.000	.3937	-
10.319	.4063	13/32
10.716	.4219	27/64
11.000	.4331	-
11.113	.4375	7/16
11.509	.4531	29/64
11.906	.4688	15/32
12.000	.4724	-
12.303	.4844	31/64
12.700	.5000	1/2
13.000	.5118	-
13.097	.5156	33/64
13.494	.5313	17/32
13.891	.5469	35/64
14.000	.5512	-
14.288	.5625	9/16
14.684	.5781	37/64
15.000	.5906	-
15.081	.5938	19/32
15.478	.6094	39/64

MILLIMETERS (SI)	DECIMAL INCHES (USCS)	DECIMAL INCHES (USCS)
15.875	.6250	5/8
16.000	.6299	-
16.272	.6406	41/64
16.669	.6563	21/32
17.000	.6693	-
17.066	.6719	43/64
17.463	.6875	11/16
17.859	.7031	45/64
18.000	.7087	-
18.256	.7188	23/32
18.653	.7344	47/64
19.000	.7480	-
19.050	.7500	3/4
19.447	.7656	49/64
19.844	.7813	25/32
20.000	.7874	-
20.241	.7969	51/64
20.638	.8125	13/16
21.000	.8268	-
21.034	.8281	53/64
21.431	.8438	27/32
21.828	.8594	55/64
22.000	.8661	-
22.225	.8750	7/8
22.622	.8906	57/64
23.000	.9055	-
23.019	.9063	29/32
23.416	.9219	59/64
23.813	.9375	15/16
24.000	.9449	-
24.209	.9531	61/64
25.000	.9843	-
25.003	.9844	63/64
25.400	1.000	1

Conversion Charts

Chart 2






TO CONVERT	TO	MULTIPLY BY
Centimeters	Meters	0.01
Centimeters	Inches	0.3937
Centimeters	Millimeters	10
Grams	Ounces	0.03527
Grams	Pounds	2.205 x .001
Inches	Centimeters	2.54
Inches	Millimeters	25.40
Kilograms	Grams	1,000
Kilograms	Pounds	2.205

TO CONVERT	TO	MULTIPLY BY
Meters	Meters	100
Meters	Inches	39.37
Meters	Kilometers	0.001
Meters	Yards	1.094
Millimeters	Inches	0.03937
Ounces	Grams	28.349527
Pounds	Grams	453.5924
Yards	Meters	0.9144





To Order Call: 708-447-4500 or Outside Illinois 800-837-8707

Truck Wheel Studs & Nuts

DESCRIPTION (SIZE)	BOX QTY	ITEM #	
3/4 - 10 x 16 x 2-7/8 Wheel Stud (Dayton Wheel)	25	BWP M 35	 WHEEL STUD
5/8 - 11 x 2-3/4 Wheel Stud (Dayton Wheel)	25	BWP M 38	
3/4 - 10 x 2-3/4 Wheel Stud (Dayton Wheel)	25	BWP M 39	 WHEEL NUT
5/8 - 11 Wheel Nut (Dayton Wheel)	25	BWP M 43	
3/4 - 10 Wheel Nut (Dayton Wheel)	25	BWP M 45	 OUTER NUT
1-1/8 R.H. Outer Nut (Budd Wheels)	25	BWP M 126	
1-1/8 L.H. Outer Nut (Budd Wheels)	25	BWP M 127	 INNER NUT
3/4 - 16 R.H. Inner Nut (Budd Wheels)	25	BWP M 128	
3/4 - 16 L.H. Inner Nut (Budd Wheels)	25	BWP M 129	
3/4 - 10 x 3-1/8 Wheel Stud	25	BWP M 1102	
9" Tarp Strap	1	BWP M 3066	
15" Tarp Strap	1	BWP M 3067	
20" Tarp Strap	1	BWP M 3068	
31" Tarp Strap	1	BWP M 3069	
Wheel Stud Setter (3/4"-10)	1	BWPM1179	
Wheel Stud Remover (3/4"-10)	1	BWPM1181	

Gladhands and Seals

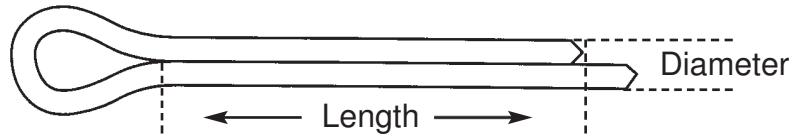
DESCRIPTION (SIZE)	BOX QTY	ITEM #	
Universal Glad Hand	1	GHU	
Service Glad Hand	1	GHS	
Emergency Glad Hand	1	GHE	
Urethane Glad Seal Blue	50	GHBUS	
Urethane Glad Seal Red	50	GHRUS	
Glad Hand Protector	100	GHP	

To Order Call: 708-447-4500 or Outside Illinois 800-837-8707



Steel Cotter Pins - Plain Finish

HOW TO MEASURE
Point of Contact With Hole



DIAMETER X LENGTH	BOX QTY	ITEM #	DIAMETER X LENGTH	BOX QTY	ITEM #
1/16 x 1/2	500	CP1002	3/16 x 1	100	CP3010
1/16 x 1	500	CP1010	3/16 x 1-1/2	100	CP3012
1/16 x 1-1/2	250	CP1012	3/16 x 2	100	CP3020
1/16 x 2	100	CP1020	3/16 x 2-1/2	100	CP3022
			3/16 x 3	100	CP3030
3/32 x 1	250	CP1510			
3/32 x 1-1/2	250	CP1512	1/4 x 1-1/2	100	CP4012
3/32 x 2	250	CP1520	1/4 x 2	100	CP4020
			1/4 x 2-1/2	100	CP4022
1/8 x 1	250	CP2010	1/4 x 3	100	CP4030
1/8 x 1-1/2	250	CP2012	1/4 x 3-1/2	100	CP4032
1/8 x 2	250	CP2020	1/4 x 4	100	CP4040
1/8 x 2-1/2	200	CP2022			
1/8 x 3	100	CP2030	5/16 x 3	50	CP5030
			5/16 x 4	50	CP5040
5/32 x 1	100	CP2510	5/16 x 5	50	CP5050
5/32 x 1-1/2	100	CP2512			
5/32 x 2	100	CP2520	3/8 x 3	50	CP6030
5/32 x 2-1/2	100	CP2522	3/8 x 4	50	CP6040
5/32 x 3	100	CP2530	3/8 x 5	50	CP6050
			1/2 x 4	25	CP8040
			1/2 x 5	25	CP8050

Also available in assortments, refer to page 129.

Universal Clevis Pins



SIZE	BOX QTY	ITEM #	SIZE	BOX QTY	ITEM #
1/4 x 2	10	PIN0420	7/16 x 2	10	PIN0720
5/16 x 2	10	PIN0520	1/2 x 2	10	PIN0820
3/8 x 2	10	PIN0620			



To Order Call: 708-447-4500 or Outside Illinois 800-837-8707

Heavy Duty Steel Tubing Clamps - Zinc Plated, Black Vinyl Coated			
TUBING DIA.	THICKNESS	BOX QTY	ITEM #
1/4"	.032	25	J2662
5/16"	.032	25	J2663
3/8"	.032	25	J2664
1/2"	.048	25	J2665
5/8"	.048	25	J2666
3/4"	.048	25	J2667
7/8"	.048	25	J2668
1"	.048	25	J2669
1-1/4"	.048	25	J2670
1-1/2"	.048	25	J2671
2"	.048	25	JTC200
2 1/2"	.048	25	JTC250
3"	.048	25	JTC300



Above clamps have 3/8" bolt hole and are 3/4" in width. Also available in assortments, refer to page 133.

Light Duty Steel Tubing Clamps - Zinc Plated, Black Vinyl Coated			
TUBING DIA.	THICKNESS	BOX QTY	ITEM #
1/4"	.025	25	J3168
5/16"	.025	25	J3169
3/8"	.025	25	J3170
1/2"	.025	25	J3171
5/8"	.025	25	J3172
3/4"	.025	25	J3173



Above clamps have 1/4" hole and are 1/2" in width.

Jiffy Type Tubing Clamp					
I.D.	BOX QTY	ITEM #	I.D.	BOX QTY	ITEM #
1/4"	100	J3160	5/8"	50	J3164
5/16"	100	J3161	3/4"	50	J3165
3/8"	100	J3162	1"	50	J3167
1/2"	100	J3163			



Above clamps have 3/16" bolt hole.

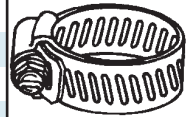
Aluminum Tubing Clamps - Neoprene Cover					
TUBING DIA.	BOX QTY	ITEM #	TUBING DIA.	BOX QTY	ITEM #
1/4"	25	J1910	1"	25	J1917
5/16"	25	J1911	1-1/8"	25	J1918
3/8"	25	J1912	1-1/4"	25	J1919
1/2"	25	J1913	1-3/8"	25	J1920
5/8"	25	J1914	1-1/2"	25	J1921
3/4"	25	J1915	2"	25	J4297
7/8"	25	J1916			



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Stainless Steel Hose Clamps					
Slotted Hex Screw - Zinc Plated (Silicone hose clamps also available.)					
CLAMP DIA.	BOX QTY	ITEM #	CLAMP DIA.	BOX QTY	ITEM #
1/4 - 5/8"	10	CL5M Mini	7/8 - 2-3/4"	10	CL36
5/16 - 7/8"	10	CL8M Mini	1-1/8 - 3"	10	CL40
3/8 - 7/8"	10	CL6	1-5/16 - 3-1/4"	10	CL44
7/16 - 1"	10	CL8	1-5/8 - 4-1/2"	10	CL48
1/2 - 1-1/8"	10	CL10	1-7/8 - 3-3/4"	10	CL52
1/2 - 1-1/4"	10	CL12	2-1/8 - 4"	10	CL56
3/4 - 1-1/2"	10	CL16	3-5/8 - 4-1/2"	10	CL64
3/4 - 1-1/2"	10	CL20	2 5/8 - 5"	10	CL72
1 - 2"	10	CL24	3-5/8 - 5-1/2"	10	CL80
1-5/16 - 2-1/4"	10	CL28	4-1/4 - 6"	10	CL88
1-9/16 - 2-1/2"	10	CL32	4-3/4 - 6-1/2"	10	CL96



For Silicone Hose Clamps, add an "s" to the end of the part number.

Stainless Steel T-Bolt Hose Clamps					
Slotted Hex Screw - Zinc Plated					
CLAMP DIA.	BOX QTY	ITEM #	CLAMP DIA.	BOX QTY	ITEM #
1.250"-1.406"	1	CLTBC125	2.326"-2.622"	1	CLTBC256
1.344"-1.562"	1	CLTBC150	2.396"-2.692"	1	CLTBC263
1.594"-1.812"	1	CLTBC175	2.516"-2.812"	1	CLTBC275
1.724"-1.942"	1	CLTBC188	2.646"-2.942"	1	CLTBC288
1.844"-2.062"	1	CLTBC200	2.766"-3.062"	1	CLTBC300
2.094"-2.312"	1	CLTBC225	2.886"-3.182"	1	CLTBC312
2.224"-2.442"	1	CLTBC233	3.016"-3.312"	1	CLTBC325
2.344"-2.562"	1	CLTBC150	3.266"-3.562"	1	CLTBC350



Stainless Steel Constant Torque Hose Clamps					
Slotted Hex Screw - Zinc Plated					
CLAMP DIA.	BOX QTY	ITEM #	CLAMP DIA.	BOX QTY	ITEM #
2.56"-2.87"	1	CLTS275	3.56"-3.87"	1	CLTS375
2.69"-3.00"	1	CLTS288	3.63"-3.94"	1	CLTS382
2.81"-3.12"	1	CLTS300	3.81"-4.12"	1	CLTS412
2.94"-3.25"	1	CLTS312	4.06"-4.37"	1	CLTS425
3.06"-3.37"	1	CLTS325	4.31"-4.62"	1	CLTS450
3.31"-3.62"	1	CLTS350			



















Two Ear Oetiker Clamps					
CLAMP DIA.	BOX QTY	ITEM #	CLAMP DIA.	BOX QTY	ITEM #
.276"-.354"	1	OT05	.787"-.905"	1	OT14
.354"-.433"	1	OT07	.905" -1.063"	1	OT16
.433"-.512"	1	OT08	OETIKER PLIER	1	OT1098
.591"-.708"	1	OT10	OETIKER KIT	1	OTKIT
.669"-.707"	1	OT12			


















To Order Call: 708-447-4500 or Outside Illinois 800-837-8707

Automotive Fasteners

DESCRIPTION	BOX QTY	ITEM#		DESCRIPTION	BOX QTY	ITEM#	
Barrel Nut 1/8 Stud for 11/64 Hole	100	J-1004		Cage Nut For 5/16 - 18 Bolt	50	J-1015	
3/32 Stud for 1/8 Hole with Sealer	100	J-1874		Cage Nut For 3/8 - 16 Bolt	50	J-3880	
1/8 Stud for 3/16 Hole	100	J-1006		J-Nut For #14 Screw	100	J-1028	
3/16 Stud for 7/32 Hole	100	J-1005		J-Nut For 5/16 Screw	50	J-1031	
3/16 Stud for 1/4 H	100	J-2232		U-Nut For 1/4 - 20 Bolt	50	J-2250	
U-Nut For #8 Screw	100	J-1636		U-Nut For #8 Screw	100	J-1636	
U-Nut For #10 Screw	100	J-1705		For 5/16 Screw	50	J-1031	
For 1/4 - 20 Bolt	50	J-1013		Push Retainer For 1/4 Bolt Push Retainer For 5/16 Bolt Push Retainer For 3/8 Bolt Push Retainer For 7/16 Bolt Push Retainer For 1/2 Bolt	100 100 100 100 100	J-2262 J-4966 J-2263 J-2264 J-2265	


Snap Fasteners

DESCRIPTION	BOX QTY	ITEM#		DESCRIPTION	BOX QTY	ITEM#	
Button Nickel on Brass 11/64" Barrell Length	100	A7677		Socket Nickel on Brass For use with A7684 & A7688	100	A7683	
Socket Nickel on Brass	100	A7678		Clinch Plate Nickel on Brass	100	A7684	
Stud Nickel on Brass	100	A7679		Wood Screw Stud Nickel on Brass for use with A7683	100	A7688	
Eyelet Nickel on Brass 1/4" Barrell Length	100	A7682		Die for use with A7677, A14830 and A7678	1	A7690	
Machine Screw Nickel on Brass 10-32x3/8	100	A7681		Die for use with A7679 and A7682	1	A7692	
Phillips Wood Screw Nickel on Brass #8 x 3/8" #8 x 5/8"	100	A9814 A7680		Tool for use with A7677, A14830, A7678, A7679 and A7682	1	A7691	
Phillips Head Stainless Screw #8 x 3/8" #8 x 5/8" #10 x 5/8"	50	A14833 A14834 A15687		Handpress Tool for use with A7677, A14830, A7678, A7679 A7682. (Tool automatically punctures material.)	1	A14835	
Phillips Head Nickel On Brass #8 x 1/2 #8 x 3/4	25	A16418 A16419					


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Spring Center Bolts - S.A.E. Fillister Head					
SIZE	BOX QTY	ITEM #	SIZE	BOX QTY	ITEM #
3/8 x 8	10	J3207	1/2 x 6	10	J3215
3/8 x 10	10	J3208	1/2 x 8	10	J3216
3/8 x 12	10	J3209	1/2 x 10	10	J3217
7/16 x 6	10	J3210	1/2 x 12	10	J3218
7/16 x 8	10	J3211	5/8 x 10	10	J3219
7/16 x 10	10	J3212	5/8 x 12	10	J3220
7/16 x 12	10	J3213			

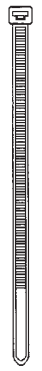


Tension Pins - High Carbon Steel					
SIZE	BOX QTY	ITEM #	SIZE	BOX QTY	ITEM #
1/16 x 1/4	100	J2720	5/32 x 1/2	100	J2732
1/16 x 1/2	100	J2721	5/32 x 1	100	J2733
1/16 x 3/4	100	J2722	5/32 x 1-1/2	100	J2734
5/64 x 1/4	100	J2723	3/16 x 1/2	50	J2735
5/64 x 1/2	100	J2724	3/16 x 1	50	J2736
5/64 x 3/4	100	J2725	3/16 x 2	50	J2737
3/32 x 1/4	100	J2726	7/32 x 3/4	50	J2735
3/32 x 3/4	100	J2727	7/32 x 1-1/2	50	J2739
3/32 x 1	100	J2728	7/32 x 2	50	J2740
1/8 x 3/8	100	J2729	1/4 x 1	50	J2741
1/8 x 3/4	100	J2730	1/4 x 2	50	J2742
1/8 x 1-1/2	100	J2731	1/4 x 3	50	J2743



Also available in assortments, refer to page 131.

Cable Ties			
DIA. X LENGTH	COLOR	BOX QTY	ITEM #
1/8 x 5"	Natural	100	NYT224
3/16 x 7-1/2"	Natural	100	NYT226
3/16 x 11-1/2"	Natural	100	NYT2211
5/16 x 14-1/2"	Natural	100	NYT2214
1/8 x 5"	Black	100	NYT224B
3/16 x 7-1/2"	Black	100	NYT226B
3/16 x 11-1/2"	Black	100	NYT2211B
5/16 x 14-1/2"	Black	100	NYT2214B

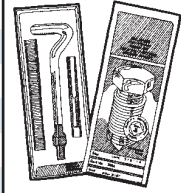


Also available in assortments, refer to page 133.



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Thread Repair Kits / Inserts							
SIZE	KIT ITEM #	BOX QTY	INSERT ITEM #	SIZE	KIT ITEM #	BOX QTY	INSERT ITEM #
4 - 40	MIB33540	10	MIB23543	3/8 - 16	MIB33060	10	MIB23063
6 - 32	MIB33560	10	MIB23563	3/8 - 24	MIB34060	10	MIB24063
8 - 32	MIB33580	10	MIB23583	7/16 - 14	MIB33070	10	MIB23073
10 - 24	MIB33600	10	MIB23603	7/16 - 20	MIB34070	10	MIB24073
1/4 - 20	MIB33040	10	MIB23043	1/2 - 13	MIB33080	10	MIB23083
1/4 - 28	MIB34040	10	MIB24043	1/2 - 20	MIB34080	10	MIB24083
5/16 - 18	MIB33050	10	MIB23053	5/8 - 11	MIB33100	5	MIB23103
5/16 - 24	MIB34050	10	MIB24053	3/4 - 10	MIB33120	5	MIB23123



THREAD REPAIR KITS

"E" Standard Type Retaining Ring					
SHAFT	BOX QTY	ITEM #	SHAFT	BOX QTY	ITEM #
1/16	100	J4097	5/16	100	J1547
3/32	100	J2711	3/8	100	J4100
1/8	100	J2712	7/16	100	J951
9/64	100	J4098	1/2	100	J2744
5/32	100	J2713	5/8	50	J4101
3/16	100	J4099	3/4	50	J4102
7/32	100	J2717	7/8	50	J4103
1/4	100	J2715	1"	50	J4104



Also available in assortments, refer to page 131.

"E" Reinforced Type Retaining Ring					
SHAFT	BOX QTY	ITEM #	SHAFT	BOX QTY	ITEM #
3/32	100	J4105	5/16	100	J2716
1/8	100	J4106	3/8	100	J4110
5/32	100	J4107	7/16	100	J2718
3/16	100	J2714	1/2	100	J4111
7/32	100	J4108	9/16	100	J2719
1/4	100	J4109			



Also available in assortments, refer to page 131.

External & Internal Snap Rings							
SHAFT	BOX QTY	EXT. ITEM#	INT. ITEM#	SHAFT	BOX QTY	EXT. ITEM#	INT. ITEM#
3/16	50	J4112	—	7/8	50	J2771	J2758
1/4	50	J2763	J2750	1"	50	J2772	J2759
9/32	50	J4113	—	1-1/16	50	J4116	J4126
5/16	50	J2764	J2751	1-1/8	50	J2773	J2760
11/32	50	J4114	—	1-3/16	50	J4117	J4127
3/8	50	J2765	J2752	1-1/4	50	J2774	J2761
7/16	50	J2766	J2753	1-5/16	25	J4118	J4128
1/2	50	J2767	J2754	1-3/8	25	J4119	J4129
9/16	50	J2768	J2755	1-7/16	25	J4120	J4130
5/8	50	J2769	J2756	1-1/2	25	J4121	J4131
11/16	50	J4115	J4124	1-5/8	25	J4122	J4132
3/4	50	J2770	J2757	1-3/4	25	J4123	J4133



Also available in assortments, refer to page 131.

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