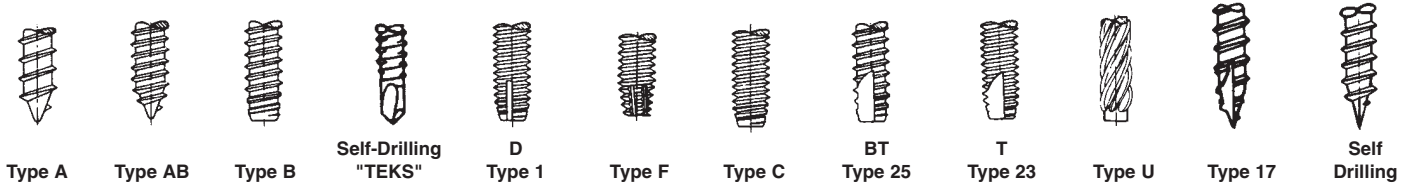




## Thread Cutting and Rolling Machine Screw

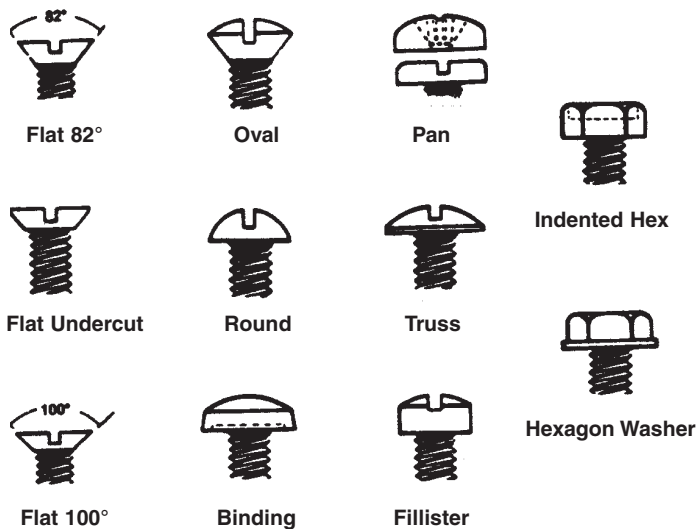
### Points



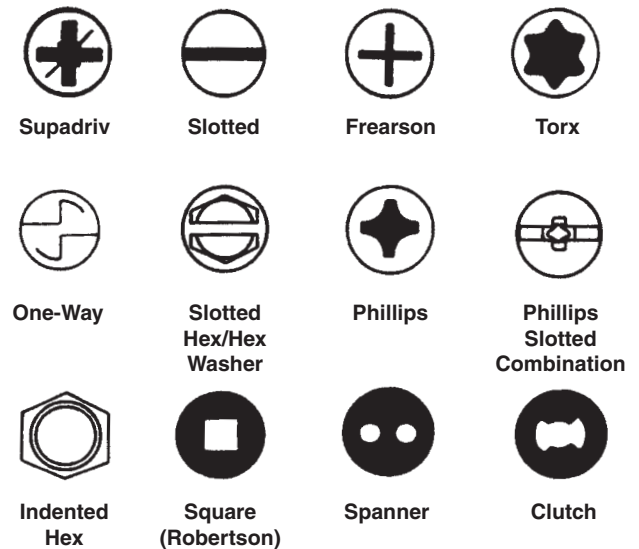
### Hole & Drill Size Recommendations For Other Than Type "A"

Nominal Screw Size	Thickness						Hole Size									
	Type AB, A, B, BP and C			Types D or 1, F, G and T			Types AB, B and BP		Type C				F, G and T		Types D or 1	
	O.D. Gage	Inch Max.	Size Min.	Max.	Min.	Drill Size	Hole Dia.	Coarse Thread		Fine Thread		Coarse Thread		Fine Thread		
								Drill Size	Hole Dia.	Drill Size	Hole Dia.	Drill Size	Hole Dia.	Drill Size	Hole Dia.	
2	18	0.0500	0.0460	0.0800	0.0760	#48	0.0760	#48	0.0760	#48	0.0760	#49	0.0730	-	-	
3	18	0.0500	0.0460	0.0960	0.0920	#46	0.0810	#44	0.0860	#43	0.0890	#46	0.0810	-	-	
4	18	0.0500	0.0460	0.1110	0.1070	#44	0.0860	#41	0.0960	#40	0.0960	#41	0.0960	-	-	
5	18	0.0500	0.0460	0.1110	0.1070	#36	0.1065	#35	0.1100	#35	0.1100	#37	0.1040	-	-	
6	14	0.0770	0.0730	0.1425	0.1385	#32	0.1160	#31	0.1200	1/8	0.1250	#31	0.1200	-	-	
7	14	0.0770	0.0730	-	-	#30	0.1285	-	-	-	-	-	-	-	-	
8	14	0.0770	0.0730	0.1420	0.1380	#29	0.1360	#27	0.1440	#26	0.1470	#26	0.1470	-	-	
10	1/8	0.1270	0.1230	0.1905	0.1845	#21	0.1590	#19	0.1660	11/64	0.1719	#17	0.1730	#16	0.1770	
12	1/8	0.1270	0.1230	0.1905	0.1845	3/16	0.1875	#11	0.1910	#10	0.1935	#8	0.1990	-	-	
14	1/8	0.1270	0.1230	-	-	-	-	-	-	-	-	-	-	-	-	
1/4	3/16	0.1905	0.1845	0.2530	0.2470	5.5mm	0.2165	7/32	0.2188	1	0.2280	1	0.2280	A	0.2340	
16	3/16	0.1905	0.1845	-	-	-	-	-	-	-	-	-	-	-	-	
18	3/16	0.1905	0.1845	-	-	-	-	-	-	-	-	-	-	-	-	
5/16	3/16	0.1905	0.1845	0.3155	0.3095	1	0.2720	J	0.2770	L	0.2900	L	0.2900	M	0.2950	
20	3/16	0.1905	0.1845	-	-	-	-	-	-	-	-	-	-	-	-	
24	3/16	0.1905	0.1845	-	-	-	-	-	-	-	-	-	-	-	-	
3/8	3/16	0.1905	0.1845	0.3780	0.3720	21/64	0.3281	R	0.3390	11/32	0.3438	T	0.3580	T	0.3580	
7/16	3/16	0.1905	0.1845	-	-	13/32	0.4062	-	-	-	-	-	-	-	-	
1/2	3/16	0.1905	0.1845	-	-	15/32	0.4688	-	-	-	-	-	-	-	-	

### Head Styles



### Driving Recesses



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Vincennes, IN

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812-482-5105  
812-882-4090



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Owensboro, KY  
Mt. Vernon, IL

270-830-0077  
270-684-0877  
618-244-7156

## Self-Drilling Screws

### Drilling Capacity

### Drills, Taps, Fastens In Seconds

Decimal Equivalents  
Of Standard Gauges  
Of Sheet Steel  
And Sheet Aluminum

Standard Fasteners			
Application	What To Use	Diameter	Recommended Material Thickness
Light Gauge Metals	Type /2 	No. 6 No. 8 No. 10	.035 to .090 .035 to .100 .035 to .110
	Type /3 	No. 8 No. 10 No. 12 1/4"	.100 to .140 .110 to .175 .110 to .210 .110 to .230
Heavier Gauge Metals	Type /4 	No. 12 1/4"	.175 to .210 .175 to .250
	Special Type /4 	No. 12	.210 to .375
	Drill-It 	No. 12	.250 to .500

Offices in:  
**Indiana**  
**Illinois &**  
**Kentucky**

TEK Size	Hex Driver
6, 8	1/4
10, 12	5/16
14	3/8

Number of Gauge	(Thickness in decimal parts of an inch)	
	Aluminum (B & S)	Sheet Steel (Mfg. Std.)
000000	.5800	....
00000	.5165	....
0000	.4800	.4062
000	.4095	.375
00	.3648	.3437
0	.3249	.3125
1	.2893	.2812
2	.2576	.2856
3	.2294	.2391
4	.2043	.2242
5	.1819	.2092
6	.1620	.1943
7	.1443	.1793
8	.1285	.1844
9	.1144	.1495
10	.1019	.1345
11	.0907	.1196
12	.0808	.1046
13	.0720	.0897
14	.0641	.0747
15	.0571	.0673
16	.0508	.0598
17	.0453	.0538
18	.0403	.0478
19	.0359	.0418
20	.0320	.0359
21	.0285	.0329
22	.0253	.0299
23	.0226	.0269
24	.0201	.0239
25	.0179	.0209
26	.0159	.0179
27	.0142	.0164
28	.0126	.0149
29	.0113	.0135
30	.0100	.0120
31	.0089	.0105
32	.0080	.0097
33	.0071	.0090
34	.0063	.0082
35	.0056	.0075
36	.0050	.0067
37	.0045	.0064
38	.0040	.0060

Special Purpose Fasteners				
Application	What To Use	Diameter	Recommended Material Thickness Cold Rolled Steel	Stock Lengths Available (In.)
Sheet To Sheet	Stitch Screw 	1/4"	To 2 Sheets of 24 Ga.	7/8"
Plywood Or Composite (1/2" Max.) To Metal	Plymetal 	No. 10	To .175 Max.	.1"
Plywood Or Composite (Over 1/2") To Metal	Plymetal With Wings 	No. 10	.089 Min. To .175 Max.	1-7/16"
2 x 4 Or Furring To Steel	Header 	No. 12	.089 Min. To .210 Max.	2-1/2" & 2-3/4"

### Ultimate Pull-Out Loads (Lb.) For Standard SDS

Screw Thread	SDS Point	Gauge									
		20	18	16	14	13	12	10	5/32	3/16	7/32
#6-20	2	283	472	583	873	1065					
#8-18	2	301	526	658	951	1214	1541				
#10-16	2	321	537	701	981	1288	1602				
#8-18	3						1332	1839			
#10-16	3						1448	1971	2622		
#12-14	3						1546	2178	2687	3399*	
1/4-14	3						1743	2286	3220	3945	4650*

NOTE: These figures are offered only as a guide and are not guaranteed

EBN Stocks Bit  
Tips & Hex Drivers

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 Owensboro, KY  
 Mt. Vernon, IL

270-830-0077  
 270-684-0877  
 618-244-7156

## Specifications

### Determining The Correct Phillips Point Size

Point Size	Sheet Metal Screws	Wood Screw Size		Machine Screw Size		
	Flat, Round, Oval Stove, Binding	Flat Oval	Round	Flat Oval Binding	Round Fillister	Truss Brazier Button
0	No. 0 & 1	No. 0 & 1	No. 0 & 1	No. 0 & 1	No. 0 & 1	No. 0 & 1
1	2, 3 4	2, 3 4	2, 3 4	2, 3 4	2, 3 4	2, 3 4, 5
2	5, 6, 7 8, 10	5, 6, 7 8, 9	5, 6, 7 8, 9, 10	5, 6, 8 10	5, 6, 8 10	6, 8, 10
3	12, 14	10, 12, 14 16	12, 14 16	12, 1/4	12, 1/4 5/16	12, 1/4

### Square Recess Style

Drive or Bit Size Square Recess	Wood Screws Diameter	Machine Screws Diameter	Tapping Screws Diameter
# 0	No. 3 & 4	No. 3 & 4	No. 3 & 4
#1	No. 5, 6 & 7	No. 5 & 6	No. 5, 6, & 7
# 2	No. 8, 9 & 10	No. 8 & 10	No. 8 & 10
# 3	No. 12 & 14	No. 12 & 14	No. 12 & 14

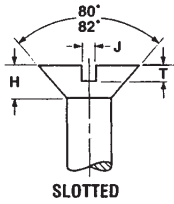


### Torx® Sizing Guide



Screw Size	Thread Diam.	Internal Torx Washer Head	Pan Head	Flat Head	Hex Head	Truss Head	Fillister Head	Oval Head	Socket Head Cap Screw	Socket Set Screw
2	.086	T7	T7	T6						T3
3	.099	T8	T8	T7						T5
4	.112	T9	T9	T8	T9		T9		T10	T6
5	.125	T10	T10	T9	T10		T10	T10	T10	T7
6	.138	T15	T15	T10	T15	T10	T15	T15	T15	T7
8	.164	T20	T20	T15	T20	T15	T20	T20	T25	T8
10	.190	T25	T25	T20	T25	T20	T25	T25	T27	T10
12	.216	T27	T27	T25	T27	T25	T27	T27	T27	T10
1/4	.250	T30	T30	T27	T30	T27	T30	T30	T30	T20
5/16	.312			T40	T40	T40	T40	T40	T45	T27
3/8	.375		T45	T40	T45	T45	T45	T45	T50	T30
7/16	.437		T50	T50		T45	T50	T50	T55	T40
1/2	.500		T55	T50		T50	T55	T50	T55	T45

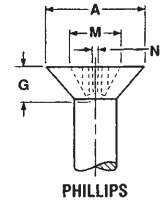
**Don't Forget The Torx Bit**



SLOTTED

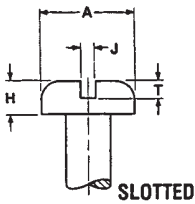
## Flat Head Screws

Machine Screws, Self Tapping Screws, Wood Screws  
 Thread Cutting Screws, Reamer Screws



PHILLIPS

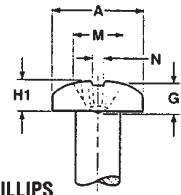
Nominal Size	A		H		J		T		Dimensions of Recess			Phillips Driver Size	
	Head Diameter		Height of Head		Width of Slot		Depth of Slot		Diameter		Depth		Width
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.		Min.
2	.172	.147	.051	.040	.031	.023	.023	.015	.102	.089	.063	.017	1
4	.225	.195	.067	.055	.039	.031	.030	.020	.128	.115	.089	.018	1
5	.252	.220	.075	.062	.043	.035	.034	.022	.154	.141	.086	.027	2
6	.279	.244	.083	.069	.048	.039	.038	.024	.174	.161	.106	.029	2
7	.305	.268	.091	.076	.048	.039	.041	.027	.182	.169	.114	.030	2
8	.332	.292	.100	.084	.054	.045	.045	.029	.189	.176	.121	.031	2
9	.358	.316	.108	.091	.054	.045	.049	.032	.258	.245	.146	.034	2
10	.385	.340	.116	.098	.060	.050	.053	.034	.204	.191	.136	.032	2-3
12	.438	.389	.132	.112	.067	.056	.060	.039	.268	.255	.156	.036	3
14	.491	.437	.148	.127	.075	.064	.068	.044	.283	.270	.171	.039	3
1/4	.507	.452	.153	.131	.075	.064	.070	.046	.283	.270	.171	.035	3
5/16	.635	.568	.191	.165	.084	.072	.088	.058	.365	.352	.216	.061	4
3/8	.762	.685	.230	.200	.094	.081	.106	.070	.393	.380	.245	.065	4
1/2	.875	.775	.223	.198	.106	.091	.103	.065	.424	.411	.276	.069	4



SLOTTED

## Pan Head Screws

Machine Screws, Self Tapping Screws,  
 Thread Cutting Screws, Framing Screws, Self Drilling Screws

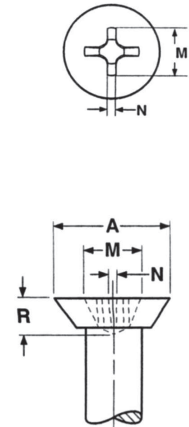
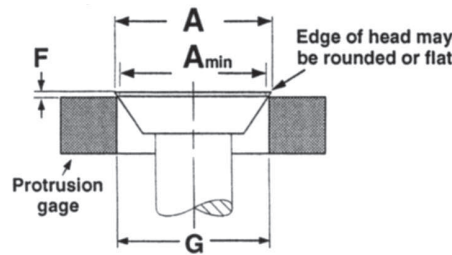
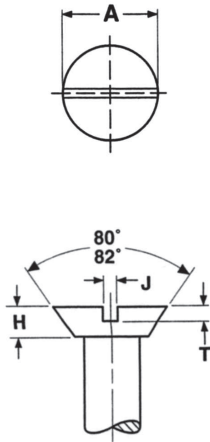


PHILLIPS

Nominal Size	A		H		H1		J		T		Dimensions of Recess			Phillips Driver Size	
	Head Diameter		Height of Head		Width of Slot		Depth of Slot		Diameter		Depth	Width			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.			
2	.167	.155	.053	.045	.062	.053	.031	.023	.031	.022	.104	.091	.059	.017	1
3	.193	.180	.060	.051	.071	.062	.035	.027	.036	.026	.112	.099	.068	.019	1
4	.219	.205	.068	.058	.080	.070	.039	.031	.040	.030	.122	.109	.078	.019	1
5	.245	.231	.075	.065	.089	.079	.043	.035	.045	.034	.158	.145	.083	.028	2
6	.270	.256	.082	.072	.097	.087	.048	.039	.050	.037	.166	.153	.091	.028	2
7	.296	.281	.089	.079	.106	.096	.048	.039	.054	.041	.176	.163	.100	.029	2
8	.322	.306	.096	.085	.115	.105	.054	.045	.058	.045	.182	.169	.108	.030	2
10	.373	.357	.110	.099	.133	.122	.060	.050	.068	.053	.199	.186	.124	.031	2
12	.425	.407	.125	.112	.151	.139	.067	.056	.077	.061	.259	.246	.141	.034	3
1/4	.492	.473	.144	.130	.175	.162	.075	.064	.087	.070	.281	.268	.161	.036	3
5/16	.615	.594	.178	.162	.218	.203	.084	.072	.106	.085	.350	.337	.193	.169	4
3/8	.740	.716	.212	.195	.261	.244	.094	.081	.124	.100	.389	.376	.233	.210	4



## Self-Tapping Screws Flat Undercut



Nominal Size	These Lengths or Shorter are Undercut		A		H		J		T		M	R	N	F		G	Phillips Driver Size
			Head Dimensions				Slot Dimensions				Recess Dimensions			Protrusion Above Gaging Diameter		Gaging Diameter	
			Diameter		Height		Width		Depth		Diam.	Depth	Width	Max.	Min.		
	Types A & AB	Other Types	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Ref.	Ref.	Ref.	Max.	Min.		
0	3/16	1/8	.112	.096	.025	.018	.023	.016	.011	.007	.062	.035	.014	—	—	—	0
1	3/16	5/32	.137	.120	.031	.023	.026	.019	.014	.009	.070	.043	.015	—	—	—	0
2	3/16	3/16	.162	.144	.036	.028	.031	.023	.016	.011	.088	.048	.017	.029	.017	.124	1
4	1/4	1/4	.212	.191	.047	.038	.039	.031	.022	.014	.110	.070	.018	.032	.019	.172	1
6	5/16	5/16	.262	.238	.059	.048	.048	.039	.027	.017	.140	.066	.025	.036	.021	.220	2
7	3/8	3/8	.287	.262	.064	.053	.048	.039	.030	.019	.148	.074	.027	.037	.022	.243	2
8	7/16	7/16	.312	.285	.070	.058	.054	.045	.032	.021	.168	.094	.029	.039	.023	.267	2
10	1/2	1/2	.362	.333	.081	.068	.060	.050	.037	.024	.182	.110	.030	.042	.025	.313	2
12	9/16	9/16	.412	.380	.092	.078	.067	.056	.043	.028	.226	.110	.030	.045	.027	.362	3
1/4	5/8	5/8	.477	.442	.017	.092	.075	.064	.050	.032	.244	.124	.032	.050	.029	.424	3
5/16	13/16	5/8	.597	.556	.134	.116	.084	.072	.062	.041	.310	.157	.053	.057	.034	.539	4
3/8	—	5/8	.717	.670	.161	.140	.094	.081	.075	.049	.358	.205	.061	.065	.039	.653	4

★★ **CAN'T FIND IT?** ★★

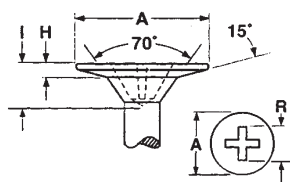
***We have many products not included in this catalog...  
 if you don't find it call us...we may have or can get  
 just what you are looking for.***

***New items are always being added.***

***Send us your orders or inquiries when you want an item  
 that is not listed...and thanks!***

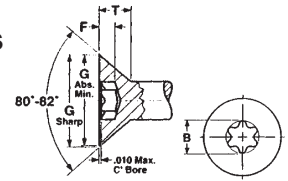


**Wafer Head Screws**  
Self Drilling Screws,  
Lath Screws  
(Driver Size #2 Phillips)



Size	A		H		R		I	
	Head Diam.		Head Hgt.		Recess Diam.		Recess Depth	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
10	.480	.450	.055	.045	.222	.208	.142	.137

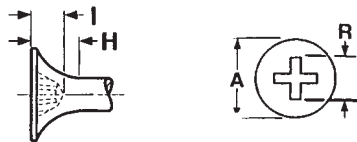
**Flat Head Torx® Screws**  
Floorboard Screws



® Torx is a registered trademark of Camcar division of Textron Inds.

Screw Size	G		T	B	F	Drive Size
	Head Dimensions		Recess Dimensions			
	Max. Sharp	Abs. Min.	Ref.	Ref.	Gauge Penetration Min.	
1/4 (.250)	.507	.452	.153	.221	.060	T30
5/16 (.312)	.635	.566	.191	.266	.087	T40

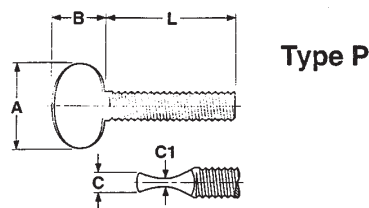
**Bugle Head Screws**  
Drywall Screws, Particle Board  
And Deck Screws



Size	A		H		R		I		Driver Size (Reduced Diameter) Bit
	Head Diam.		Head Height		Recess Diam.		Recess Depth		
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	
6	.347	.315	.031	.020	.189	.176	.110	.087	2
7	.355	.322	.035	.020	.206	.191	.125	.102	2
8	.363	.330	.039	.020	.214	.201	.135	.112	2
10	.379	.344	.045	.034	.222	.208	.142	.137	2

**Thumb Screws**

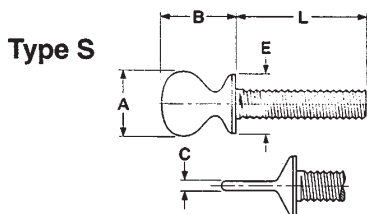
**Type P**



Type P

Nominal Size or Basic Screw Diameter	Threads per Inch	A		B		C		C1		L	
		Head Width		Head Height		Head Thickness		Head Thickness		Practical Screw Lengths	
		Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
8	0.164	0.51	0.49	0.32	0.30	0.09	0.07	0.04	0.02	1.00	0.38
10	0.190	0.89	0.83	0.78	0.66	0.18	0.16	0.08	0.06	2.00	0.50
1/4	0.250	1.05	0.99	0.94	0.81	0.24	0.22	0.10	0.08	3.00	0.50
5/16	0.312	1.21	1.15	1.00	0.88	0.27	0.25	0.11	0.09	4.00	0.50

**Type S**



Type S

Nominal Size or Basic Screw Diameter	Threads per Inch	A		B		C		E		L	
		Head Width		Head Height		Head Thickness		Shoulder Diameter		Practical Screw Lengths	
		Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1/4	0.250	0.55	0.52	0.64	0.61	0.07	0.05	0.47	0.44	1.50	0.50

Due to the variation in head dimensions from different manufacturers, thumb screws may not always conform to the listed (I.F.I.) specifications.

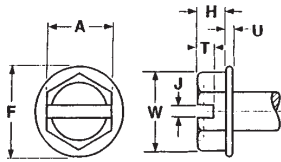
Evansville, IN  
 Jasper, IN  
 Vincennes, IN

812-477-0077  
 812-482-5105  
 812-882-4090



Henderson, KY  
 Owensboro, KY  
 Mt. Vernon, IL

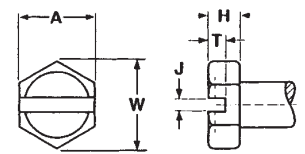
270-830-0077  
 270-684-0877  
 618-244-7156



SLOTTED

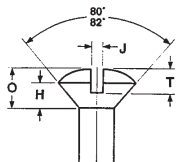
## Hex Head Screws

Self Tapping Screws, Thread Cutting Screws,  
 Self Drilling Screws



SLOTTED

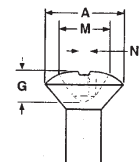
Nominal Size	A Width Across Flats		W Width Across Corners	H Height of Head		F Diameter of Washer		U Thickness of Washer		J Width of Slot		T Depth of Slot	
	Max.	Min.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
4	.187	.181	.202	.060	.049	.243	.225	.019	.011	.039	.031	.042	.025
6	.250	.244	.272	.093	.080	.328	.302	.025	.015	.048	.039	.053	.033
7	.250	.244	.272	.093	.080	.328	.302	.029	.017	.048	.039	.062	.040
8	.250	.244	.272	.110	.096	.348	.322	.031	.019	.054	.045	.074	.052
10	.312	.305	.340	.120	.105	.414	.384	.031	.019	.060	.050	.080	.057
12	.312	.305	.340	.155	.139	.432	.398	.039	.022	.067	.056	.103	.077
14	.375	.367	.409	.190	.172	.520	.480	.050	.030	.075	.064	.111	.083
1/4	.375	.367	.409	.190	.172	.520	.480	.050	.030	.075	.064	.111	.083
5/16	.500	.489	.545	.230	.208	.676	.624	.055	.035	.084	.072	.134	.100
3/8	.562	.551	.614	.295	.270	.780	.720	.063	.037	.094	.081	.168	.131



SLOTTED

## Oval Head Screws

Wood Screws



PHILLIPS

Nom. Size	A		H		O		J		T		M		G	N	Phillips Driver Size
	Head Diameter		Height of Head				Width of Slot		Depth of Slot		Dimensions of Recess				
	Max.	Min.	Side Height		Total Height		Max.	Min.	Max.	Min.	Diameter		Depth	Width	
4	.225	.195	.067	.054	.104	.084	.039	.031	.059	.049	.136	.123	.094	.019	1
5	.252	.220	.075	.062	.116	.095	.043	.035	.067	.055	.158	.145	.085	.028	2
6	.279	.244	.083	.069	.128	.105	.048	.039	.074	.060	.178	.165	.105	.030	2
8	.332	.292	.100	.084	.152	.126	.054	.045	.088	.072	.192	.179	.119	.031	2
9	.358	.316	.108	.091	.164	.137	.054	.045	.095	.078	.216	.203	.144	.034	2
10	.385	.340	.116	.098	.176	.148	.060	.050	.103	.084	.209	.196	.137	.033	2-3 *
12	.438	.389	.132	.112	.200	.169	.067	.056	.117	.096	.270	.257	.152	.038	3
14	.491	.452	.148	.127	.224	.190	.075	.064	.132	.108	.305	.292	.188	.042	3
1/4	.507	.452	.153	.131	.232	.197	.075	.064	.136	.112	.290	.277	.173	.040	3

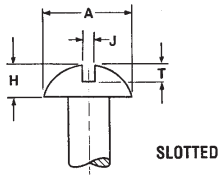
Evansville, IN  
 Jasper, IN  
 Vincennes, IN

812-477-0077  
 812-482-5105  
 812-882-4090



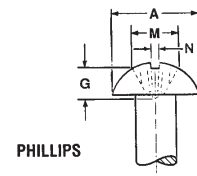
Henderson, KY  
 Owensboro, KY  
 Mt. Vernon, IL

270-830-0077  
 270-684-0877  
 618-244-7156



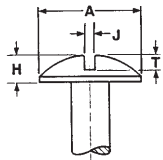
SLOTTED

## Round Head Screws Machine Screws, Wood Screws



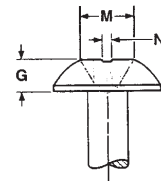
PHILLIPS

Nominal Size	A		H		J		T		M		G	N	Phillips Driver Size
	Head Diameter		Height of Head		Width of Slot		Depth of Slot		Dimensions of Recess				
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Diameter	Depth	Width		
2	.162	.146	.069	.059	.031	.023	.048	.037	.100	.087	.053	.017	1
3	.187	.169	.078	.067	.035	.027	.053	.040	.109	.096	.062	.018	1
4	.211	.193	.086	.075	.039	.031	.058	.044	.118	.105	.072	.019	1
5	.236	.217	.095	.083	.043	.035	.063	.047	.154	.141	.074	.027	2
6	.260	.240	.103	.091	.048	.039	.068	.051	.162	.149	.084	.027	2
7 *	.285	.264	.111	.099	.048	.039	.072	.055	.170	.157	.092	.029	2
8	.309	.287	.120	.107	.054	.045	.077	.058	.178	.165	.101	.030	2
9 *	.334	.311	.128	.115	.054	.045	.082	.062	.186	.173	.110	.030	2
10	.359	.334	.137	.123	.060	.050	.087	.065	.195	.182	.119	.031	2-3 *
12	.408	.382	.153	.139	.067	.056	.096	.072	.249	.236	.125	.032	3
14 *	.457	.429	.170	.155	.075	.064	.106	.080	.265	.252	.142	.034	3
1/4	.472	.443	.175	.160	.075	.064	.109	.082	.268	.255	.147	.034	3
5/16	.590	.557	.216	.198	.084	.072	.132	.099	-	-	-	-	-
3/8	.708	.670	.256	.237	.094	.081	.155	.117	-	-	-	-	-
1/2	.813	.766	.355	.332	.106	.091	.211	.159	-	-	-	-	-



SLOTTED

## Truss Head Screws Machine Screws

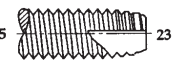
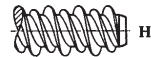
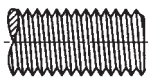


PHILLIPS

Nominal Size	A		H		J		T		M		G	N	Phillips Driver Size
	Head Diameter		Height of Head		Width of Slot		Depth of Slot		Dimensions of Recess				
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Diameter	Depth	Width		
4	.257	.241	.069	.059	-	-	-	-	.112	.099	.069	.017	1
6	.321	.303	.086	.074	.048	.039	.050	.037	.158	.145	.084	.027	2
8	.384	.364	.102	.088	.054	.045	.058	.045	.173	.160	.099	.029	2
10	.448	.425	.118	.103	.060	.050	.068	.053	.188	.175	.115	.030	2
1/4	.573	.546	.150	.133	.075	.064	.087	.070	.263	.250	.143	.033	3
5/16	.698	.666	.183	.162	.084	.072	.106	.085	.352	.339	.193	.059	4
3/8	.823	.787	.215	.191	.094	.081	.124	.100	-	-	-	-	-

## Tolerance On Length

Machine Screws, Self Tapping Screws, Thread Cutting Screws



Nominal Screw Size	0 thru 12	1/4 thru 3/4
Nominal Screw Length	Tolerance on Length	
Up to 1/2 in., Incl.	-0.02	-0.03
Over 1/2 to 1 in., Incl.	-0.03	-0.03
Over 1 to 2 in., Incl.	-0.06	-0.06
Over 2 in.	-0.09	-0.09

Nominal Screw Length	Tolerance on Length
Up to 1 in., Incl.	± 0.03
Over 1 in.	± 0.05

Nominal Screw Length	Tolerance on Length
Up to 3/4 in., Incl.	-0.03
Over 3/4 to 1-1/2 in., Incl.	-0.05