

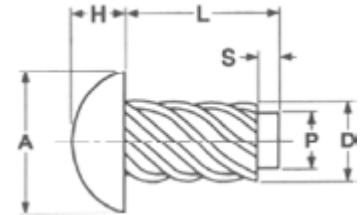
SELF TAPPING SCREWS





SELF TAPPING SCREWS

DRIVE SCREWS TYPE U Round Head

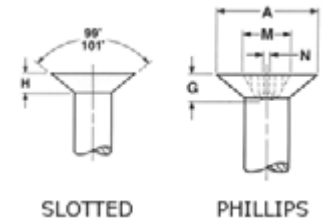


Nominal Screw Size	Number Of Thread Starts	D		A		H		P		Recommended Hole Size	
		Outside Diameter		Head Diameter		Head Height		Pilot Diameter		Drill Size No.	Hole Diameter
		Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
0	6	0.060	0.057	0.099	0.090	0.034	0.026	0.049	0.046	55	0.052
0	6	0.075	0.072	0.127	0.118	0.049	0.041	0.063	0.060	51	0.067
2	8	0.100	0.097	0.162	0.146	0.069	0.059	0.083	0.080	44	0.086
4	7	0.116	0.112	0.211	0.193	0.086	0.075	0.096	0.092	37	0.104
6	7	0.140	0.136	0.260	0.240	0.103	0.091	0.116	0.112	31	0.120
7	8	0.154	0.150	0.285	0.264	0.111	0.099	0.126	0.122	29	0.136
8	8	0.167	0.162	0.309	0.287	0.120	0.107	0.136	0.132	27	0.144
10	8	0.182	0.177	0.359	0.334	0.137	0.123	0.150	0.146	20	0.161
12	8	0.212	0.206	0.408	0.382	0.153	0.139	0.177	0.173	11	0.191
14	9	0.242	0.236	0.457	0.429	0.170	0.155	0.202	0.198	2	0.221
L	Nominal Screw Length	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	3/4	1 in. and over
S	Pilot Length	0.047	0.047	0.047	0.047	0.062	0.062	0.078	0.078	0.078	0.125



SELF TAPPING SCREWS

FLAT HEAD 100° Machine Screws

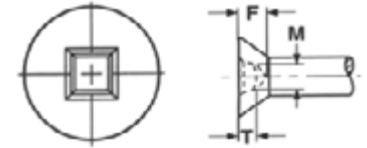


Nominal Size	A		H		J		T		M		G	N	Phillips Driver Size
	Head Diameter		Height of Head		Width of Slot		Depth of Slot		Dimensions of Recess				
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Diameter		Depth	Width	
2	.172	.147	.051	.040	.031	.023	.023	.015	.102	.089	.063	.017	1
4	.225	.195	.067	.055	.039	.031	.030	.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



SELF TAPPING SCREWS

SQUARE DRIVE FLAT HEAD Head Dimensions



This type of recess has a square center opening slightly tapered side walls and a conical bottom.

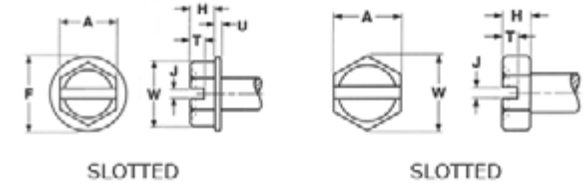
Nominal Size or Basic Screw Diameter		M Recess Square		T Recess Depth		Drive Size	F Penetration Gauging Depth	
		Max	Min.	Min.	Max.		Max.	Min.
3	0.0990	0.071	0.0696	0.073	0.063	0	0.038	0.032
4	0.1120	0.071	0.0696	0.073	0.063	0	0.038	0.032
5	0.1250	0.091	0.090	0.113	0.105	1	0.065	0.057
6	0.1380	0.091	0.090	0.113	0.105	1	0.065	0.057
7	0.1510	0.091	0.090	0.113	0.105	1	0.065	0.057
8	0.1640	0.1126	0.111	0.140	0.119	2	0.075	0.065
10	0.1900	0.1126	0.111	0.140	0.119	2	0.075	0.065
12	0.2160	0.133	0.1315	0.165	0.155	3	0.095	0.085
1/4	0.2500	0.133	0.1315	0.165	0.155	3	0.095	0.085
5/16	0.3125	0.191	0.1895	0.201	0.191	4	0.100	0.090
3/8	0.3750	0.191	0.1895	0.201	0.191	4	0.100	0.090



SELF TAPPING SCREWS

HEX HEAD Hex Washer Head

Machine Screws
Tapping Screws
Self Drilling Screws



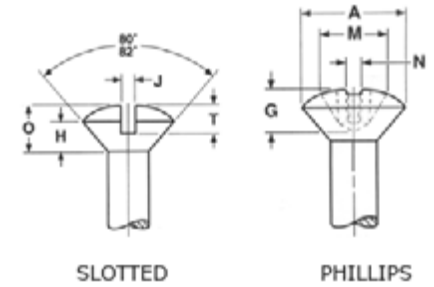
Nominal Size	A		W	H		F		U		J		T	
	Width Across Flats		Width Across Corners	Height of Head		Diameter of Washer		Thickness of Washer		Width of Slot		Depth of Slot	
	Max.	Min.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
4	.187	.181	.202	.060	.049	.243	.225	.019	.011	.039	.031	.042	.025
6	.250	.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	.438	.428	.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



SELF TAPPING SCREWS

OVAL HEAD

Machine Screws
Tapping Screws
Wood Screws*



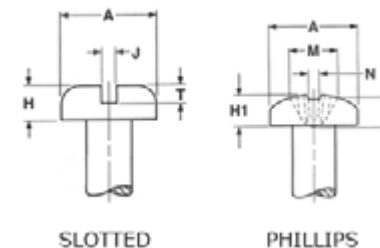
Nominal Size	A		H		O		J		T		M		G	N	Phillips Driver Size
	Head Diameter		Height of Head				Width of Slot		Depth of Slot		Dimensions of Recess				
			Side Height		Total Height						Diameter	Depth	Width		
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	
4	.225	.195	.067	.054	.104	.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



SELF TAPPING SCREWS

PAN HEAD

Machine Screws
Tapping Screws
Self Drilling Screws

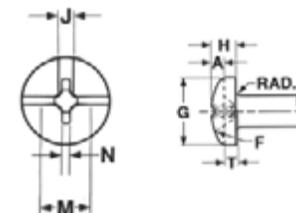


Nominal Size	A		H		H1		J		T		M		G	N	Phillips Driver Size
	Head Diameter		Height of Head				Width of Slot		Depth of Slot		Dimensions of Recess				
	Max.	Min.	Slotted		Recessed		Max.	Min.	Max.	Min.	Diameter		Depth	Width	
2	.167	.155	.053	.045	.062	.053	.031	.023	.031	.022	.104	.091	.059	.017	1
3	.193	.180	.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

COMBINATION DRIVE PAN HEAD Head Dimensions

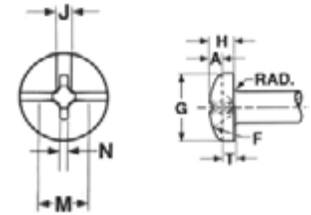


Screw Size	G	H	J		A		M	T	F	N	Recess Penetration		Driver Size
	Head Dimensions		Slot Dimensions				Recess Dimensions						
	Head Diam.	Head Height	Width		Depth		Width	Depth	Max. Rad	Min. Wing Width	Recess Penetration		
			Max.	Min.	Max.	Min.					Max.	Min.	
0	.116	.044	—	—	—	—	.067	.039	.010	.013	.032	.014	0
	.104	.036					.054	.021					
1	.142	.053	—	—	—	—	.074	.045	.010	.014	.040	.022	0
	.130	.044					.061	.025					
2	.167	.062	.031	.023	.031	.022	.104	.059	.020	.017	.052	.034	1
	.155	.053					.091	.041					
3	.193	.071	.035	.027	.036	.026	.112	.065	.020	.019	.061	.043	1
	.180	.062					.099	.050					
4	.219	.080	.039	.031	.040	.030	.122	.078	.020	.019	.071	.053	1
	.205	.070					.109	.060					
5	.245	.089	.043	.035	.045	.034	.158	.083	.025	.028	.072	.046	2
	.231	.079					.145	.057					
6	.270	.097	.048	.039	.050	.037	.166	.091	.025	.028	.080	.055	2
	.256	.087					.153	.066					
7	.296	.106	.048	.039	.054	.041	.176	.100	.025	.029	.089	.064	2
	.281	.096					.163	.075					



SELF TAPPING SCREWS

COMBINATION DRIVE PAN HEAD Head Dimensions

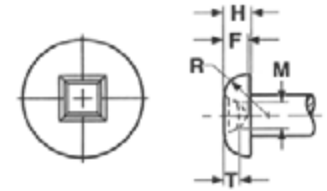


Screw Size	G	H	J		A		M	T	F	N			Driver Size
	Head Dimensions		Slot Dimensions				Recess Dimensions						
	Head Diam.	Head Height	Width		Depth		Width	Depth	Max. Rad	Min. Wing Width	Recess Penetration		
			Max.	Min.	Max.	Min.					Max.	Min.	
8	.322	.115	.054	.045	.058	.045	.182	.108	.025	.030	.097	.071	2
	.306	.105					.169	.082					
10	.373	.133	.060	.050	.068	.053	.199	.124	.025	.031	.113	.089	2
	.357	.122					.186	.100					
12	.425	.151	.067	.056	.077	.061	.259	.141	.030	.034	.124	.098	3
	.407	.139					.246	.115					
1/4	.492	.175	.075	.064	.087	.070	.281	.161	.030	.036	.144	.118	3
	.473	.162					.268	.135					
5/16	.615	.218	.084	.072	.106	.085	.350	.193	.035	.059	.173	.149	4
	.594	.203					.337	.169					
3/8	.740	.261	-	-	-	-	.389	.233	.035	.065	.213	.190	4
	.716	.244					.376	.210					
7/16	.863	.304	-	-	-	-	.413	.259	.035	.068	.239	.214	4
	.838	.286					.400	.234					
1/2	.987	.348	-	-	-	-	.435	.280	.035	.071	.260	.235	4
	.958	.327					.422	.255					



SELF TAPPING SCREWS

SQUARE DRIVE PAN HEAD Self Tapping Screws



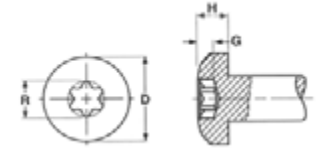
This type of recess has a square center opening, slightly tapered side walls and a conical bottom.

Nominal Size or Basic Screw Diameter		H		R	M		T		Driver Size	P	
		Head Height		Head Radius	Recess Square		Recess Depth			Penetration Gauging Depth	
		Max	Min	Min	Max	Min	Max	Min		Max	Min
3	0.0990	0.078	0.067	0.010	0.071	0.0696	0.073	0.063	0	0.038	0.032
4	0.1120	0.086	0.075	0.010	0.071	0.0696	0.073	0.063	0	0.038	0.032
5	0.1250	0.095	0.083	0.015	0.091	0.090	0.113	0.105	1	0.065	0.057
6	0.1380	0.103	0.091	0.015	0.091	0.090	0.113	0.105	1	0.065	0.057
7	0.1510	0.111	0.099	0.015	0.091	0.090	0.113	0.105	1	0.065	0.057
8	0.1640	0.120	0.107	0.015	0.112	0.111	0.140	0.119	2	0.075	0.065
10	0.1900	0.137	0.123	0.020	0.112	0.111	0.140	0.119	2	0.075	0.065
12	0.2160	0.153	0.139	0.025	0.133	0.1315	0.165	0.155	3	0.095	0.085
1/4	0.2500	0.175	0.160	0.035	0.133	0.1315	0.165	0.155	3	0.095	0.085
5/16	0.3125	0.216	0.198	0.040	0.191	0.1895	0.201	0.191	4	0.100	0.090
3/8	0.3750	0.256	0.237	0.040	0.191	0.1895	0.201	0.191	4	0.100	0.090



SELF TAPPING SCREWS

PAN HEAD
Torx® Drive



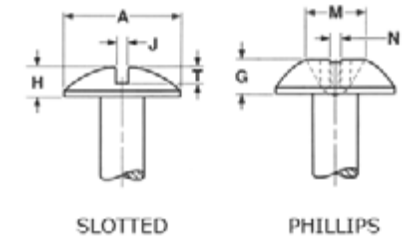
Screw Size	Head Dimensions				Recess Dimensions		
	D		H		R	G	(Fallaway) Penetration
	Head Diameter		Head Height		Ref.	Gage Penetration	
	Max.	Min.	Max.	Min.		Min.	Max.
4	.219	.205	.080	.070	.111	.035	.016
6	.270	.256	.097	.087	.132	.045	.020
8	.322	.306	.115	.105	.155	.055	.025
10	.372	.357	.133	.122	.178	.070	.025



SELF TAPPING SCREWS

TRUSS HEAD

Machine Screws
Tapping Screws

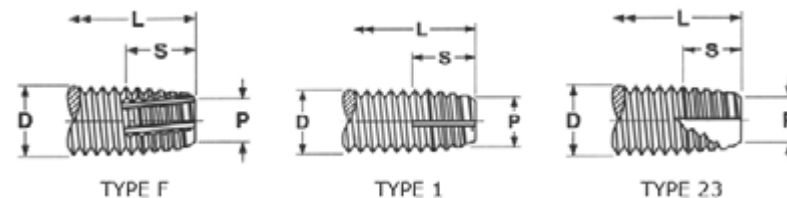


Nominal Size	A		H		J		T		M		G	N	Phillips Driver Size
	Head Diameter		Height of Head		Width of Slot		Depth of Slot		Dimensions of Recess				
									Diameter		Depth	Width	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	
4	.257	.241	.069	.059	—	—	—	—	.112	.099	.069	.017	1
6	.321	.303	.086	.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	—	—	—	—	—



SELF TAPPING SCREWS

THREADS AND POINTS FOR THREAD CUTTING SCREWS AND SELF-TAPPING SCREWS

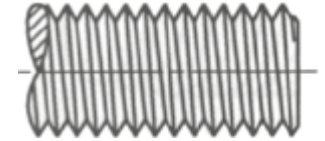


Nominal Size or Basic Screw Diameter		Threads per Inch	D		P		S				L			
			Major Diameter		Point Diameter		Point Taper Length				Determinant Length for Point Taper		Minimum Practical Screw Length	
							For Short Screws		For Long Screws					
Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	90° Heads	Csk Heads	90° Heads	Csk Heads	
2	0.0860	56	0.0860	0.0813	0.068	0.061	0.062	0.045	0.080	0.062	5/32	3/16	5/32	3/16
4	0.1120	40	0.1120	0.1061	0.087	0.078	0.088	0.062	0.112	0.088	7/32	1/4	3/16	1/4
6	0.1380	32	0.1380	0.1312	0.107	0.096	0.109	0.078	0.141	0.109	1/4	5/16	1/4	5/16
8	0.1640	32	0.1640	0.1571	0.132	0.122	0.109	0.078	0.141	0.109	1/4	11/32	1/4	5/16
10	0.1900	24	0.1900	0.1818	0.148	0.135	0.146	0.104	0.188	0.146	11/32	7/16	5/16	13/32
10	0.19000	32	0.1900	0.1831	0.158	0.148	0.109	0.078	0.141	0.109	1/4	11/32	1/4	5/16
12	0.2160	24	0.2160	0.2078	0.174	0.161	0.146	0.104	0.188	0.146	11/32	7/16	5/16	13/32
14	0.2500	20	0.2500	0.2408	0.200	0.184	0.175	0.125	0.225	0.175	13/32	17/32	3/8	1/2
5/16	0.3125	18	0.3125	0.3026	0.257	0.239	0.194	0.139	0.250	0.194	15/32	19/32	7/16	9/16
3/8	0.3750	16	0.3750	0.3643	0.312	0.293	0.219	0.156	0.281	0.219	1/2	11/16	15/32	5/8



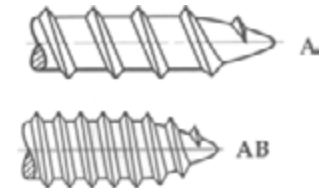
SELF TAPPING SCREWS

MACHINE SCREWS



Nominal Screw Size	0 thru I2	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

Type A – AB



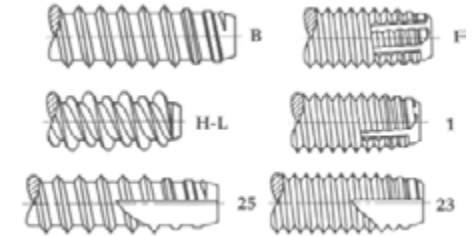
Nominal Screw Length	Tolerance on Length
Up to 1 in., Incl.	+ 0.03
Over 1 in.	+ 0.05



SELF TAPPING SCREWS

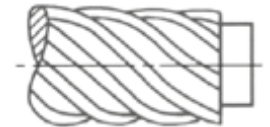
MACHINE SCREWS

Type B, F, H-L 1, 25 and 23

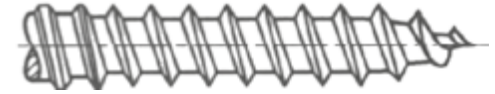


Nominal Screw Length	Tolerance on Length
Up to 3/4 in., Incl.	- 0.03
Over 3/4 to 1-1/2 in., Incl.	- 0.05

Type U



Nominal Screw Length	Tolerance on Length
Up to 3/8 in., Incl.	+ 0.02
Over 3/8 in.	+ 0.03



SELF TAPPING SCREWS

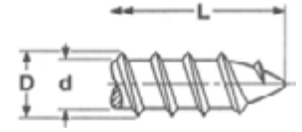
MACHINE SCREWS

Wood Screws

Nominal Screw Length	Tolerance on Length
Up to 5/8in., Incl.	-0.03
Over 5/8 to 1-1/2 in., Incl.	-0.05
Over 1-1/2 to 2-3/4 in., Incl.	-0.06
Over 2-3/4 to 5 in., Incl.	-0.09



SELF TAPPING SCREWS

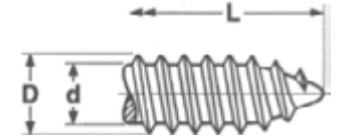


THREADS FOR SELF TAPPINGS SCREWS Type A

Nominal Size or Basic Screw Diameter		Threads per Inch	D		d		L	
			Major Diameter		Minor Diameter		These Lengths or Shorter Have AB Threads	
			Max.	Min.	Max.	Min.	90° Heads	Csk Heads
6	0.139	18	0.141	0.136	0.102	0.096	1/4	5/16
7	0.155	16	0.158	0.152	0.114	0.108	5/16	3/8
8	0.165	15	0.168	0.162	0.123	0.116	3/8	7/16
10	0.192	12	0.194	0.188	0.133	0.126	3/8	1/2
12	0.218	11	0.221	0.215	0.162	0.155	7/16	9/16
14	0.252	10	0.254	0.248	0.185	0.178	1/2	5/8
20	0.330	9	0.333	0.327	0.234	0.226	11/16	13/16
24	0.385	9	0.390	0.383	0.291	0.282	3/4	1



SELF TAPPING SCREWS



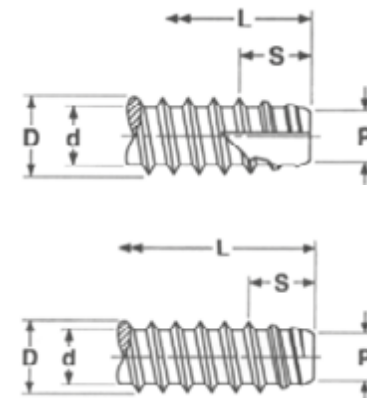
THREADS FOR SELF TAPPINGS SCREWS Type AB

Nominal Size or Basic Screw Diameter		Threads per Inch	D		d		L	
			Major Diameter		Minor Diameter		These Lengths or Shorter Have AB Threads	
			Max.	Min.	Max.	Min.	90° Heads	Csk Heads
4	0.1120	24	0.114	0.110	0.086	0.082	3/16	7/32
6	0.1380	20	0.139	0.135	0.104	0.099	7/32	17/64
8	0.1640	18	0.188	0.161	0.122	0.116	9/32	21/64
10	0.1900	16	0.189	0.183	0.141	0.135	21/64	3/8
12	0.2160	14	0.215	0.209	0.164	0.157	3/8	13/32
1/4	0.2500	14	0.246	0.240	0.192	0.185	13/32	15/32
5/16	0.3125	12	0.315	0.306	0.244	0.236	5/8	3/4
3/8	0.3750	12	0.380	0.371	0.309	0.299	3/8	29/32



SELF TAPPING SCREWS

THREADS FOR SELF TAPPINGS SCREWS Type 25 - Type B

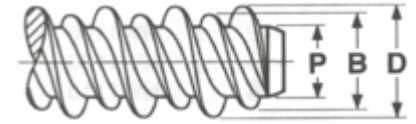


Nominal Size or Basic Screw Diameter		Threads per Inch	D		d		P		S				L			
			Major Diameter		Minor Diameter		Point Diameter		Point Taper Length				Determinant Length for Point Taper		Minimum Practical Screw Length	
									For Short Screws		For Long Screws					
Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	90° Heads	Csk Heads	90° Heads	Csk Heads	
2	0.0860	32	0.088	0.084	0.064	0.060	0.058	0.054	0.062	0.047	0.078	0.062	7/64	3/16	7/64	5/32
4	0.1120	24	0.114	0.110	0.086	0.082	0.079	0.074	0.083	0.063	0.104	0.083	3/16	1/4	9/64	3/16
6	0.1380	20	0.139	0.135	0.104	0.099	0.095	0.089	0.100	0.075	0.125	0.100	1/4	5/16	11/64	1/4
8	0.1640	18	0.166	0.161	0.122	0.116	0.112	0.106	0.111	0.083	0.139	0.111	5/16	7/16	3/16	1/4
10	0.1900	16	0.189	0.183	0.141	0.135	0.130	0.123	0.125	0.094	0.156	0.125	3/8	1/2	15/64	5/16
12	0.2160	14	0.215	0.209	0.164	0.157	0.152	0.145	0.143	0.107	0.179	0.143	7/16	9/16	9/32	3/8
14	0.2500	14	0.246	0.240	0.192	0.185	0.179	0.171	0.143	0.107	0.179	0.143	1/2	5/8	9/32	3/8
5/16	0.3125	12	0.315	0.306	0.244	0.236	0.230	0.222	0.167	0.125	0.196	0.161	15/32	19/32	27/32	31/32
3/8	0.3750	12	0.380	0.371	0.309	0.299	0.293	0.285	0.167	0.125	0.196	0.161	17/32	11/16	15/16	1 1/8



SELF TAPPING SCREWS

TYPE HIGH-LOW SELF TAPPING SCREWS



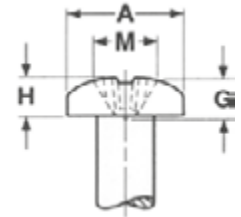
Nominal Diameter and Thread	D	B	P	Head Size
	High Thread Diameter	Low Thread Diameter	Point Diameter	
4-24	.105-.115	.086	.061-.070	3
6-19	.135-.145	.108	.080-.090	5*
8-18	.160-.170	.130	.095-.105	6
10-16	.185-.195	.145	.099-.110	8
1/4-15	.250-.260	.200	.161-.175	1/4

*Special Dimensions for Pan-Head



SELF TAPPING SCREWS

PAN HEAD



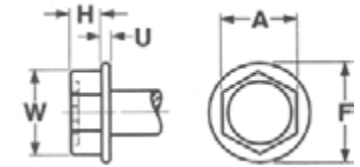
Nominal Size	A		H		M		G		Phillips Driver Size
	Diameter of Head		Height of Head		Dimensions of Recess				
			Recessed		Diameter		Depth		
	Max	Min.	Max	Min.	Max	Min.	Max	Min.	
4*	.193	.180	.071	.062	.112	.099	.062	.053	1
6	.254	.240	.097	.087	.158	.145	.072	.046	2
8	.270	.256	.097	.087	.166	.153	.080	.055	2
10	.322	.306	.115	.105	.182	.169	.097	.071	2
1/4	.492	.473	.175	.162	.259	.246	.144	.118	3

*No. 2 Head



SELF TAPPING SCREWS

HEX WASHER HEAD



Nominal Size	A		W	H		F		U	
	Width Across Flats		Width Across Corners	Height of Head		Diameter of Washer		Thickness of Washer	
	Max.	Min.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
4	.125	.120	.134	.055	.044	.177	.163	.016	.010
6	.188	.181	.202	.070	.058	.260	.240	.025	.015
8	.250	.244	.272	.093	.080	.328	.302	.025	.015
10	.250	.244	.272	.110	.096	.348	.322	.031	.019



SELF TAPPING SCREWS

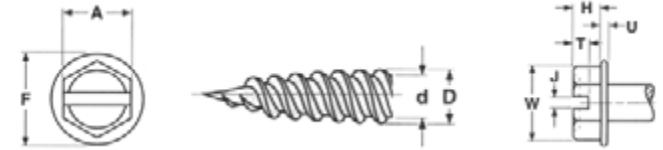
WING SCREWS

Basic Screw Dia.	Thrd per Inch	S		H		W		d		D		G		T		L	
		Wing Spread		Wing Hght		Wing Thick.		Shank Dia.		Shank Dia.		Hght		Stock Thick.		Practical Screw Lngth	
		Max	Min.	Max	Min.	Max	Min.	Max	Min.	Max	Min.	Max	Min.	Max	Min.	Max	Min.
8	32	0.78	0.72	0.40	0.34	0.18	0.12	0.35	0.31	0.40	0.34	0.21	0.14	0.04	0.03	0.75	0.38
10	24	0.90	0.84	0.46	0.40	0.21	0.15	0.35	0.31	0.53	0.47	0.22	0.16	0.04	0.03	1.00	0.38
1/4	20	1.09	1.03	0.46	0.40	0.26	0.20	0.47	0.43	0.61	0.55	0.24	0.18	0.04	0.03	1.50	0.50
5/16	18	1.31	1.25	0.62	0.56	0.29	0.23	0.57	0.53	0.68	0.62	0.29	0.23	0.07	0.05	1.50	0.50



SELF TAPPING SCREWS

HEX WASHER SLOTTED Self Piercing Screws



Size	A		W	H		F		U		J		T		D		d	
	Width Across Flats		Width Across Corner	Head Height		Washer Diam.		Washer Thickness		Slot Width		Slot Depth		Major Diam.		Minor Diam.	
	Max.	Min.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
6-18	.250	.244	.272	.093	.080	.328	.302	.025	.015	.048	.039	.053	.033	.141	.136	.102	.096
7-16	.250	.244	.272	.093	.080	.328	.302	.029	.017	.048	.039	.062	.040	.158	.152	.114	.108
8-15	.250	.244	.272	.110	.096	.348	.322	.031	.019	.054	.045	.074	.052	.168	.162	.123	.116
10-12	.258	.244	.272	.110	.096	.414	.384	.031	.019	.054	.045	.074	.052	.194	.188	.133	.126