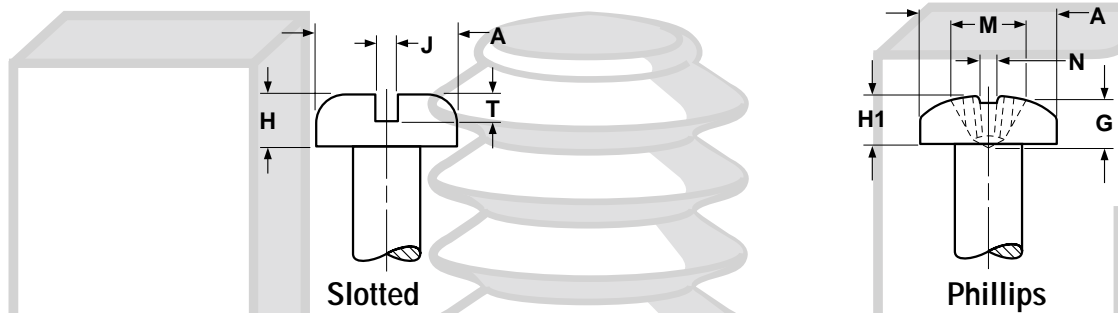# Self-Tapping Screws   *Head Dimensions*   Bugle & Pan

BUGLE HEADS FOR DRYWALL, PARTICLE BOARD & DECK SCREWS

Nominal Size	A Head Diameter		H Head Thickness		R Phillips Recess Drive				Phillips Driver Size (Reduced Diameter Bit)	S Square Drive		D		Square Recess Driver Size
					Diameter		Depth			Recess Square		Depth		
	Max	Min	Max	Min	Max	Min	Max	Min		Max	Min	Max	Min	
6	.347	.315	.031	.020	.201	.176	.116	.093	2	.106	.090	.071	.055	1
7	.355	.315	.031	.020	.201	.176	.116	.093	2	-	-	-	-	-
8	.363	.315	.039	.020	.201	.176	.116	.093	2	.113	.110	.075	.064	2
10	.363	.334	.039	.020	.204	.190	.125	.098	2	.113	.110	.075	.064	2

NOTE: There is no single standard for Bugle head dimensions. These values are offered as a guide; deviations from these specifications may occur.

Slotted

Phillips

PAN HEADS FOR SELF-TAPPING AND DRILLING SCREWS

ASME B18.6.4-1998

Nominal Size	A Head Diameter		H Height of Head		H1		J Width of Slot		T Depth of Slot		M Dimensions of Recess		G	N	Phillips Driver Size
			Slotted		Recessed						Diameter		Depth	Width	
	Max	Min	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
14	.476	.457	.139	.126	.169	.156	.075	.064	.085	.068	.281	.268	.148	.036	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	.059	4
3/8	.740	.716	.212	.195	.261	.244	.094	.081	.124	.100	.389	.376	.233	.065	4