

# Self-Tapping Screws *Head Dimensions*

**Bugle  
& Pan**



BUGLE HEADS FOR DRYWALL, PARTICLE BOARD & DECK SCREWS														
Nominal Size	A		H		R		I		Phillips Driver Size (Reduced Diameter Bit)	S		D		Square Recess Driver Size
	Head Diameter		Head Thickness		Phillips Recess Drive					Square Drive				
					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		H		H1		J		T		M		G	N	Phillips Driver Size
	Head Diameter		Height of Head				Width of Slot		Depth of Slot		Dimensions of Recess				
			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