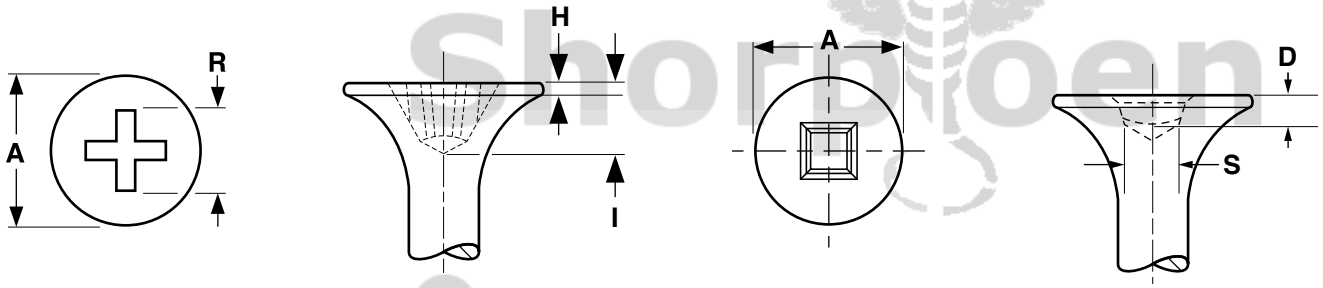
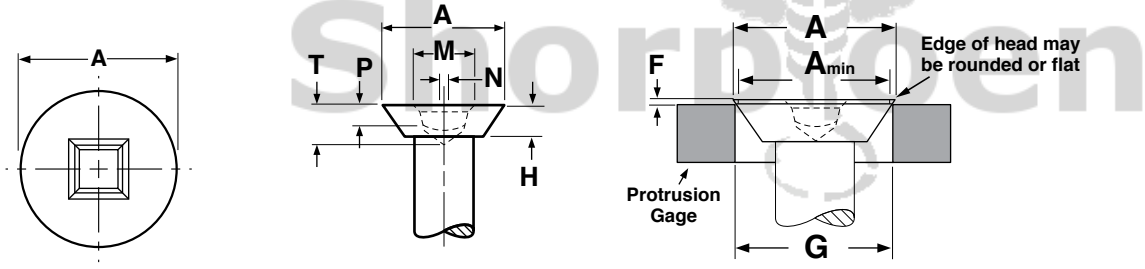
Head Dimensions Self- Tapping Screws



Bugle Heads for Drywall, Particle Board & Deck Screws

Nominal Size	A		H		R		I	Phillips Driver SIze (Reduced Diameter Bit for #6 thru #10)	S		D		Square Recess Driver Size
	Head Diameter		Head Thickness		Phillips Recess Drive				Square Recess Drive				
					Diameter		Depth		Recess Square		Depth		
	Max	Min	Max	Min	Max	Min	Ref		Max	Min	Max	Min	
6	.347	.315	.031	.020	.201	.176	.106	2	106	.090	.071	.055	1
7	.355	.315	.031	.020	.201	.176	.118	2	-	-	-	-	-
8	.363	.315	.039	.020	.201	.176	.124	2	.113	.110	.075	.064	2
9	.363	.334	.039	.020	.201	.176	.124	2	-	-	-	-	-
10	.363	.334	.039	.020	.204	.190	.124	2	.113	.110	.075	.064	2
12	.415	.390	.055	.042	.265	.250	.144	3	-	-	-	-	-
1/4	.472	.450	.058	.047	.277	.260	.160	3	-	-	-	-	-

In the abscence of a single industry standard for Bugle Heads, these dimensions are offered as a guide; slight deviations are acceptable.



Flat Undercut Square Recess Heads for Tapping Screws

ASME B18.6.3 2002

Nominal Size	A		H		M	T	Recess Size	P		F		G
	Head Diameter		Head Height		Recess Across Flats	Recess Depth		Recess Penetrating Gaging Depth		Protrusion Above Gaging Diameter		Gaging Diameter
	Max	Min	Max	Min	Ref	Ref		Max	Min	Max	Min	
6	.262	.238	.059	.048	.091	.070	1SS	.027	.017	.036	.021	.220
8	.312	.285	.070	.058	.112	.091	2SS	.037	.027	.039	.023	.267
10	.362	.333	.081	.068	.112	.091	2SS	.037	.027	.042	.025	.313
12	.412	.380	.092	.078	.133	.138	3SS	.073	.063	.045	.027	.362
1/4	.477	.442	.107	.092	.133	.143	3S	.080	.065	.050	.029	.424