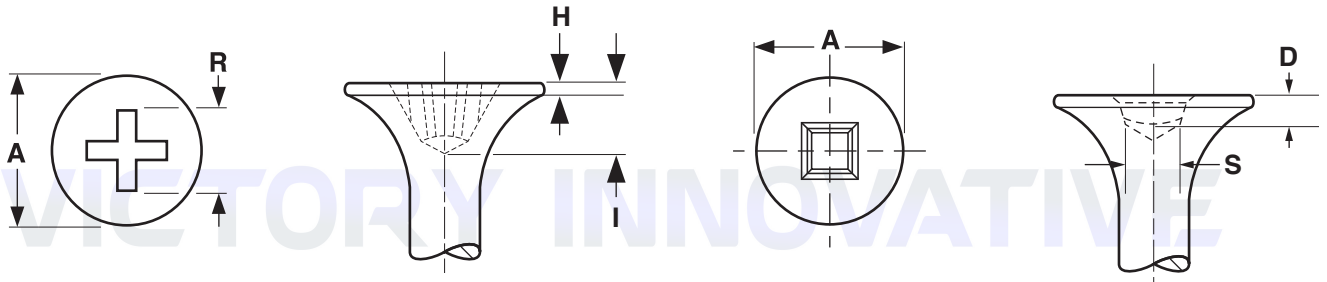


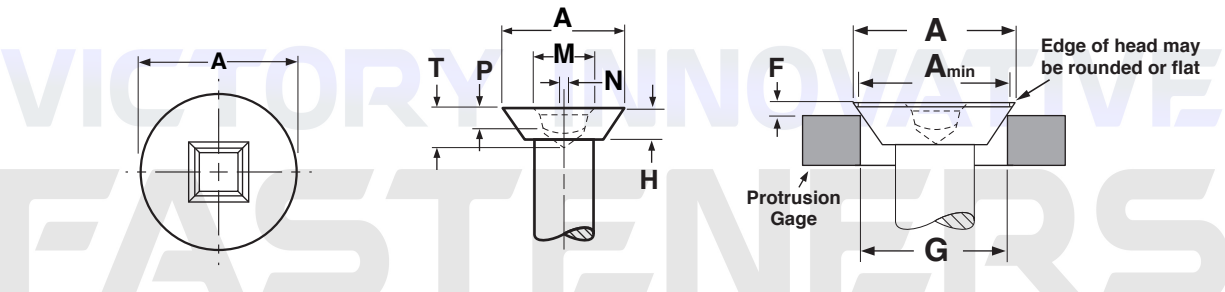
Bugle & Flat Undercut Square

HEAD DIMENSIONS



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	.118	.110	.102	.092	2
7	.355	.315	.031	.020	.201	.176	.118	2	.118	.110	.112	.092	2
8	.363	.315	.039	.020	.201	.176	.124	2	.118	.110	.112	.092	2
9	.363	.333	.039	.020	.201	.176	.124	2	.118	.110	.112	.092	2
10	.363	.333	.039	.020	.204	.190	.124	2	.118	.110	.112	.092	2
12	.442	.390	.055	.042	.265	.250	.144	3	.142	.135	.124	.115	3
1/4	.472	.435	.058	.047	.277	.260	.160	3	.134	.132	.124	.115	3

In the absence 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 B18.6.3-2013
Nominal Size	A		H		M	T	Recess Size	P		F		Gaging Diameter
	Head Diameter		Head Height		Recess Across Flats	Recess Depth		Recess Penetrating Gaging Depth		Protrusion Above 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