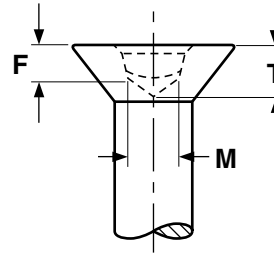
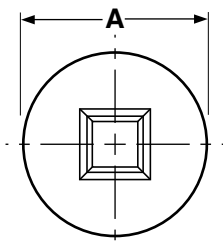


Self-Tapping Screws

Head Dimensions

Square Flat & Pan

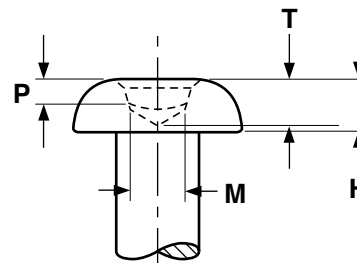
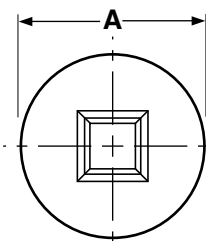


SQUARE SOCKET FLAT HEADS

ASME B18.6.3-2002

Nominal Size or Basic Screw Diameter		A		M		T		F		P		Driver Size
		Head Diameter		Recess Across the Flats		Recess Depth		Protrusion Above Gauging Diameter		Recess Penetration Gauging Depth		
		Max	Min	Ref		Ref		Max	Min	Max	Min	
4	.1120	.212	.191	.071		.073		.032	.019	.038	.028	0
6	.1380	.262	.238	.091		.113		.036	.021	.055	.040	1S
8	.1640	.312	.285	.112		.140		.039	.023	.063	.048	2S
10	.1900	.362	.333	.112		.140		.042	.025	.075	.060	2R
12	.2160	.412	.380	.133		.165		.045	.027	.095	.080	3R
14	.2420	.462	.427	.133		.165		.050	.029	.095	.080	3R
1/4	.2500	.477	.442	.133		.165		.050	.029	.095	.080	3R
5/16	.3125	.597	.556	.191		.201		.057	.034	.100	.085	4R

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



SQUARE DRIVE PAN HEADS FOR SELF-TAPPING SCREWS

ASME B18.6.3- 2002

Nominal Size or Basic Screw Diameter		A		H		M		T		Driver Size	P	
		Head Diameter		Head Height		Recess Across Flats		Recess Depth			Penetrating Gauging Depth	
		Max	Min	Max	Min	Ref		Ref			Max	Min
4	.1120	.219	.205	.086	.076	.070		.066		0	.038	.028
6	.1380	.270	.256	.103	.093	.091		.106		1R	.065	.050
8	.1640	.322	.306	.120	.110	.112		.127		2R	.075	.060
10	.1900	.373	.357	.137	.126	.112		.127		2R	.075	.060
12	.2160	.425	.407	.153	.141	.133		.158		3R	.095	.080
14	.2420	.476	.457	.169	.156	.133		.158		3R	.095	.080
1/4	.2500	.492	.473	.175	.160	.133		.165		3R	.095	.085

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