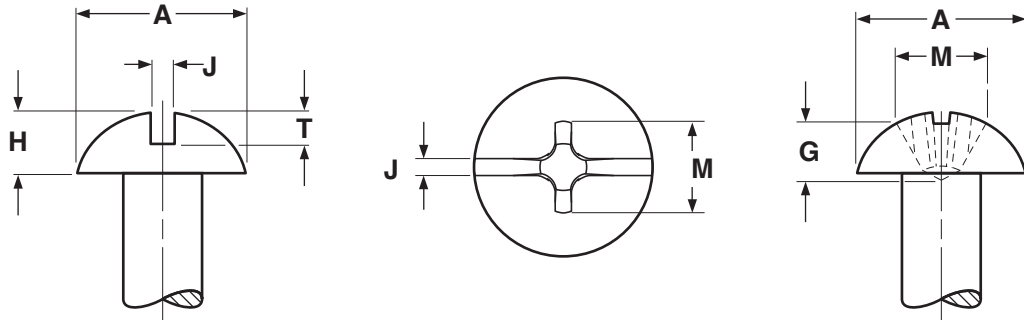


Combo Round &
Combo Hex Washer

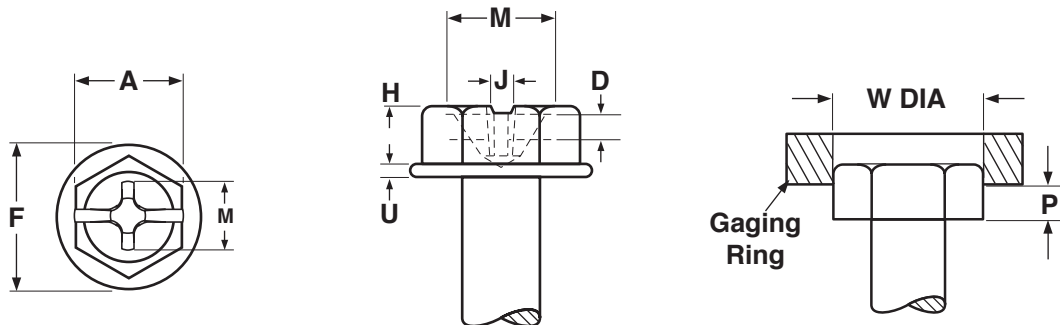
HEAD DIMENSIONS



COMBINATION ROUND HEADS

ASME B18.6.3- 2013

Nominal Size	A		H		J		T		M	Recess Penetration Gaging Depth		Phillips Driver Size
	Head Diameter		Head Height		Slot Width		Slot Depth		Recess Diameter			
	Max	Min	Max	Min	Max	Min	Max	Min	Ref	Max	Min	
6	.260	.240	.103	.091	.048	.039	.068	.051	.155	.073	.045	2
8	.309	.287	.120	.107	.054	.045	.077	.058	.171	.090	.064	2
10	.359	.334	.137	.123	.060	.050	.087	.065	.188	.108	.082	2
1/4	.472	.443	.175	.160	.075	.064	.109	.082	.261	.130	.104	3
5/16	.590	.557	.216	.198	.084	.072	.132	.099	.301	.170	.144	3
3/8	.708	.670	.256	.237	.094	.081	.155	.117	.380	.208	.182	4



COMBINATION HEX WASHER HEADS

ASME B18.6.3- 2013

Nom Size	A		H		F		U		J		D		P	M	Recess Penetrating Gaging Depth		Phillips Driver Size
	Width Across Flats		Head Height		Washer Diameter		Washer Thickness		Slot Width		Slot Depth		Protrusion Beyond Gaging Ring	Recess Diameter			
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Min	Ref	Max	Min	
6	.250	.244	.093	.080	.328	.302	.025	.015	.048	.039	.053	.033	.048	.148	.089	.064	2
8	.250	.244	.110	.096	.348	.322	.031	.019	.054	.045	.074	.052	.058	.168	.115	.090	2
10	.312	.305	.120	.105	.414	.384	.031	.019	.060	.050	.080	.057	.063	.178	.127	.102	2
12	.312	.305	.155	.139	.432	.398	.039	.022	.067	.056	.103	.077	.083	.247	.152	.127	3
1/4	.375	.367	.190	.172	.520	.480	.050	.030	.075	.064	.111	.083	.103	.277	.186	.161	3