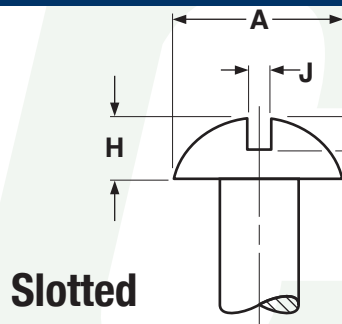
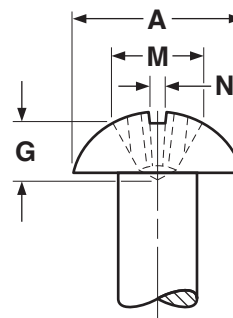


MACHINE SCREWS

HEAD DIMENSIONS Round Phillips Binding

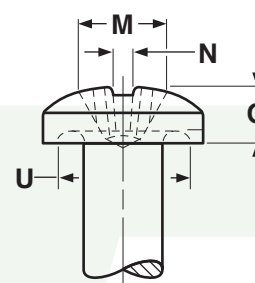
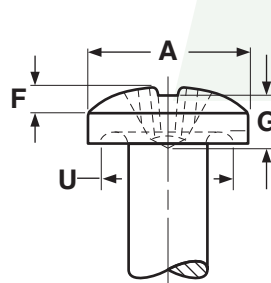


Slotted



Phillips

ROUND HEADS FOR MACHINE SCREWS													ASME B18.6.3 2013	
Nominal Size	A		H		J		T		Dimensions of Recess			Phillips Driver Size		
	Head Diameter		Height of Head		Width of Slot		Depth of Slot		Diameter		Depth		Width	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max		Min	
2	.162	.146	.069	.059	.031	.023	.048	.037	.100	.087	.053	.017	1	
3	.187	.169	.078	.067	.035	.027	.053	.040	.109	.096	.062	.018	1	
4	.211	.193	.086	.075	.039	.031	.058	.044	.118	.105	.072	.019	1	
5	.236	.217	.095	.083	.043	.035	.063	.047	.154	.141	.074	.027	2	
6	.260	.240	.103	.091	.048	.039	.068	.051	.162	.149	.084	.027	2	
8	.309	.287	.120	.107	.054	.045	.077	.058	.178	.165	.101	.030	2	
10	.359	.334	.137	.123	.060	.050	.087	.065	.195	.182	.119	.031	2	
12	.408	.382	.153	.139	.067	.056	.096	.073	.249	.236	.125	.032	3	
1/4	.472	.443	.175	.160	.075	.064	.109	.082	.268	.255	.147	.034	3	
5/16	.590	.557	.216	.198	.084	.072	.132	.099	.308	.295	.187	.040	3	
3/8	.708	.670	.256	.237	.094	.081	.155	.117	.387	.374	.228	.064	4	
1/2	.813	.766	.355	.332	.106	.091	.211	.159	.416	.403	.256	.068	4	



PHILLIPS BINDING UNDERCUT HEADS FOR MACHINE SCREWS													* ASME B18.6.3- 2013	
Nominal Size	A		O		F		U		M		G		N	Phillips Driver Size
	Head Diameter		Total Head Height		Head Oval Height		* Undercut Diameter		Recess Diameter		Recess Depth		Recess Width	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Min	
2	.181	.171	.050	.043	.018	.013	.141	.124	.100	.087	.058	.041	.017	1
4	.235	.223	.068	.061	.025	.018	.184	.161	.118	.105	.077	.059	.017	1
6	.290	.275	.087	.078	.032	.024	.226	.199	.160	.147	.088	.064	.026	2
8	.344	.326	.105	.095	.039	.029	.269	.236	.186	.173	.114	.090	.028	2
10	.399	.378	.123	.112	.045	.034	.312	.274	.205	.192	.134	.109	.029	2
1/4	.525	.498	.165	.152	.061	.046	.410	.360	.281	.268	.164	.140	.046	3

*ASME B18.6.3 does not reference Undercut feature for Phillips Binding heads. However, when possible, the undercut style will be provided.