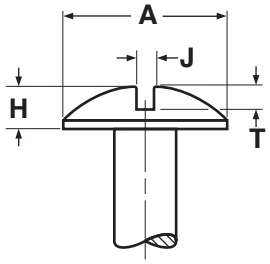
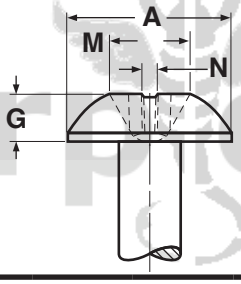
HEAD DIMENSIONS

Truss & Hex Washer Phillips



Slotted

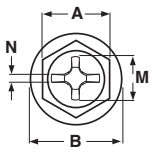


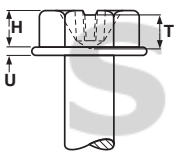
Phillips

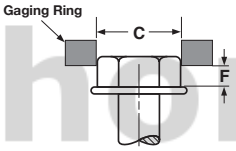
Truss Heads for Self-Tapping Screws

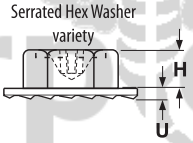
ASME B18.6.3—2013

Nominal Size	A		H		J		T		M		G	N	Phillips Driver Size
	Head Diameter		Height of Head		Slot Width		Slot Depth		Dimensions of Recess				
									Diameter		Depth	Width	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	
2	.194	.180	.053	.044	.031	.023	.031	.022	.104	.091	.050	.018	1
4	.257	.241	.069	.059	.039	.031	.040	.030	.112	.099	.069	.018	1
5	.289	.272	.078	.066	.043	.035	.045	.034	.128	.115	.076	.019	1
6	.321	.303	.086	.074	.048	.039	.050	.037	.158	.145	.084	.027	2
7	.352	.333	.094	.081	.048	.039	.054	.041	.165	.152	.078	.028	2
8	.384	.364	.102	.088	.054	.045	.058	.045	.173	.160	.099	.029	2
10	.448	.425	.118	.103	.060	.050	.068	.053	.188	.175	.115	.030	2
12	.511	.487	.134	.118	.067	.056	.077	.061	.248	.235	.128	.032	3
14	.557	.530	.146	.129	.075	.064	.085	.068	.263	.250	.130	.033	3
1/4	.573	.546	.150	.133	.075	.064	.087	.070	.263	.250	.143	.033	3
5/16	.698	.666	.183	.162	.084	.072	.106	.085	.352	.339	.193	.059	4
3/8	.823	.787	.215	.191	.094	.081	.124	.100	.383	.370	.226	.063	4









Phillips Hex Washer Heads for Tapping Screws

ASME B18.6.3-2013

Nominal Size	A		C	H		B		U		M	F	T		Phillips Driver Size
	Width Across Flats		Width Across Corners	Head Height		Washer Diameter		Washer Thickness		Recess Diameter	Protrusion Beyond Gaging Ring	Recess Penetration Gaging Depth		
	Max	Min	Min	Max	Min	Max	Min	Max	Min	Ref	Min	Max	Min	
4	.188	.181	.202	.060	.049	.243	.225	.019	.011	.097	.029	.067	.049	1
6	.250	.244	.272	.093	.080	.328	.302	.025	.015	.148	.048	.089	.064	2
8	.250	.244	.272	.110	.096	.348	.322	.031	.019	.168	.058	.115	.090	2
10	.312	.305	.340	.120	.105	.414	.384	.031	.019	.178	.063	.127	.102	2
12	.312	.305	.340	.155	.139	.432	.398	.039	.022	.247	.083	.152	.127	3
14	.375	.367	.409	.190	.172	.520	.480	.050	.030	.277	.103	.186	.161	3
1/4	.375	.367	.409	.190	.172	.520	.480	.050	.030	.277	.103	.186	.161	3
5/16	.500	.489	.545	.230	.208	.676	.624	.055	.035	.358	.125	.234	.219	4
3/8	.562	.551	.614	.295	.270	.780	.720	.063	.037	.386	.162	.267	.243	4