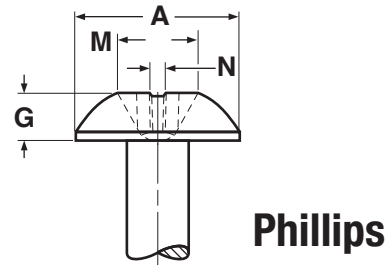
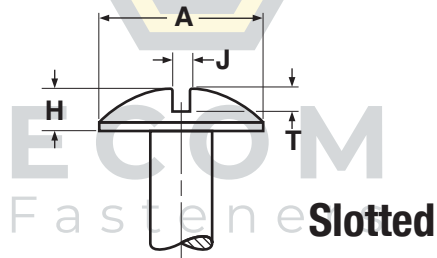
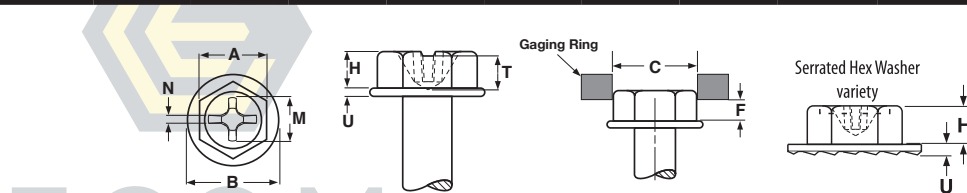


# SELF-TAPPING SCREWS

## HEAD DIMENSIONS Truss & Hex Washer Phillips



TRUSS HEADS FOR SELF-TAPPING SCREWS													ASME B18.6.3—2013
Nominal Size	A		H		J		T		Dimensions of Recess			Phillips Driver Size	
	Head Diameter		Height of Head		Slot Width		Slot Depth		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