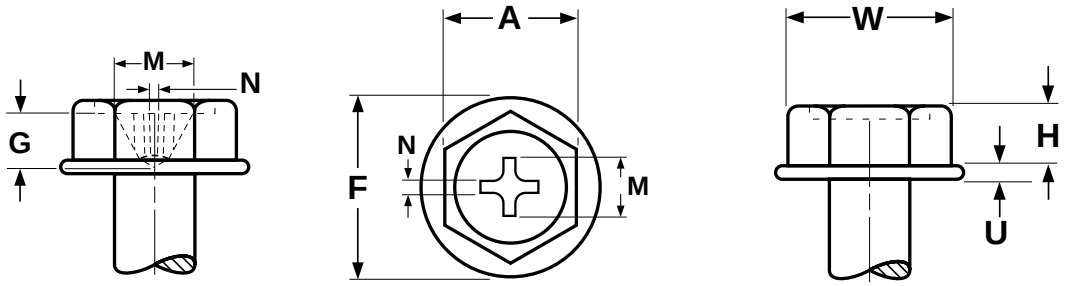
Self-Tapping Screws *Head Dimensions* Hex Washer Phillips



NOTE: Without any single set of standards for the size of cross-recess (Phillips) drives used in hex head self-tapping and self-drilling screws, two sets of recess dimensions are listed below. Variations are due, in part, to differences in the tooling sold in the United States compared to that used by foreign manufacturers. Kanebridge offers this information as a service to fastener distributors and makes no recommendation re: which design is preferable.

Phillips Hex Washer Heads for Self-Tapping & Self-Drilling Screws--Domestic

Nominal Size	A		W	H		F		U		M	G	N	Recess Penetration Gaging Depth		Phillips Driver Size
	Width Across Flats		Width Across Corners	Height of Head		Diameter of Washer		Thickness of Washer		Dimensions of Recess					
										Diam.	Depth	Width			
	Max	Min	Min	Max	Min	Max	Min	Max	Min	Ref	Ref	Ref	Max	Min	
4	.188	.181	.202	.060	.049	.243	.225	.019	.011	.096	.055	.017	.056	.040	1
6	.250	.244	.272	.093	.080	.328	.302	.025	.015	.168	.094	.029	.095	.072	2
8	.250	.244	.272	.110	.096	.348	.322	.031	.019	.168	.094	.029	.095	.072	2
10	.312	.305	.340	.120	.105	.414	.384	.031	.019	.176	.102	.030	.103	.080	2
1/4	.375	.367	.409	.190	.172	.520	.480	.050	.030	.262	.144	.035	.139	.116	3

Phillips Hex Washer Heads for Self-Tapping & Self-Drilling Screws--Imported

Nominal Size	A		W	H		F		U		M		G		Phillips Driver Size
	Width Across Flats		Width Across Corners	Height of Head		Diameter of Washer		Thickness of Washer		Dimensions of Recess				
										Diameter		Depth		
	Max	Min	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	
4	.188	.181	.202	.060	.049	.243	.225	.019	.011	.102	.089	.063	.047	1
6	.250	.244	.272	.093	.080	.328	.302	.025	.015	.164	.160	.086	.079	2
8	.250	.244	.272	.110	.096	.348	.322	.031	.019	.188	.176	.120	.114	2
10	.312	.305	.340	.120	.105	.414	.384	.031	.019	.174	.161	.106	.083	2
1/4	.375	.367	.409	.190	.172	.520	.480	.050	.030	.233	.220	.156	.133	3