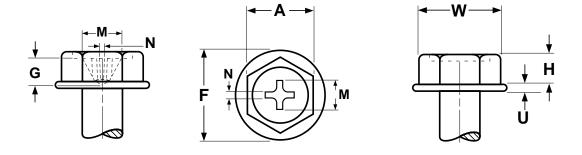
Head Dimensions



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 ScrewsDomestic															
Nominal Size	Α		w	Н		F		U		М	G	N	Recess		
	Width Across Flats		Width Across	Height of Head		Diameter of Washer		Thickness of Washer		Dimensions of Recess			Penetration Gaging Depth		Phillips Driver
			Corners							Diam.	Depth Width		- Gaging Deptil		Size
	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 SCREWSIMPORTED														
	Α		w	н		F Diameter of Washer		U Thickness of Washer		M Dimensions		G s of Recess		Phillips Driver Size
Nominal Size	Width Across Flats		Width	Height of Head										
			Across Corners							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