

Hex Washer Head Tapping Screw

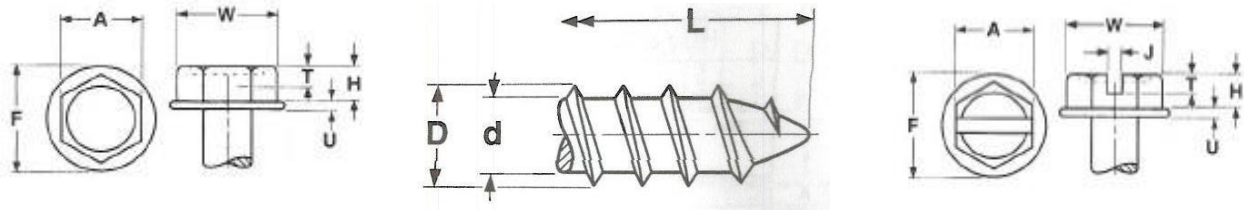
Zinc Plated

Product Specifications



PRODUCT FEATURES

- Zinc Plated
- AISI 1016 - 1024 or equivalent Steel or Stainless Austenitic 18-8 Stainless Steel



Screw Diameter	Threads Per Inch Type A	Threads Per Inch Type AB	D		d		D		d		Hole Sizes Type A&AB						
			Major Diameter Type A		Minor Diameter Type A		Major Diameter Type AB		Minor Diameter Type AB		Hole Diameter			Closest Drill Size To Mean Hole Diameter			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Mean	Max	Size	Diameter		
4	0.1120	n/a	24	n/a	n/a	n/a	n/a	n/a	.108	.114	.082	.086	.089	.096	.103	41	.086
5	0.1250	n/a	20	n/a	n/a	n/a	n/a	.123	.130	.090	.094	.100	.107	.114	36	.1065	
6	0.1380	18	20	.136	.141	.096	.102	.132	.139	.099	.104	.108	.116	.124	32	.116	
7	0.1510	16	19	.152	.158	.108	.114	.147	.154	.109	.115	.120	.129	.138	30	.1285	
8	0.1640	15	18	.162	.168	.116	.123	.159	.166	.116	.122	.128	.138	.148	29	.136	
10	0.1900	12	16	.188	.194	.126	.133	.182	.189	.135	.141	.148	.159	.170	21	.159	
12	0.2160	11	14	.215	.221	.155	.162	.208	.215	.157	.164	.169	.182	.194	14	.182	
14	0.2420	10	n/a	.248	.254	.178	.185	n/a	n/a	n/a	n/a	n/a	n/a	n/a	5.5mm	0.2165	
1/4	.2500	n/a	14	n/a	n/a	n/a	n/a	.237	.246	.185	.192	.196	.211	.226	4	.209	
5/16	.3125	n/a	12	n/a	n/a	n/a	n/a	.306	.315	.236	.244	.251	.270	.289	I	.272	
3/8	.3750	n/a	12	n/a	n/a	n/a	n/a	.371	.380	.299	.309	.310	.333	.356	Q	.332	
Tolerance on Length			Up to 1" ±0.03				Over 1" ±0.05				ANSI B18.6.4						

Screw Diameter	Minimum Torsional Strength, Lb. Steel Screws Only	Phillips Bit Size	A		W	H		F		U		J		T		
			Width Across Flats		Width Across Corners	Head Height		Diameter of Washer		Thickness of Washer		Width of Slot		Depth of Slot		
			Min	Max	Min	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
4	0.1120	13	1	.181	.188	.202	.049	.060	.225	.243	.011	.019	.031	.039	.025	.036
5	0.1250	18	2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
6	0.1380	24	2	.244	.250	.272	.080	.093	.302	.328	.015	.025	.039	.048	.033	.046
7	0.1510	30	2	.244	.250	.272	.080	.093	.302	.328	.017	.029	.039	.048	.040	.054
8	0.1640	39	2	.244	.250	.272	.096	.110	.322	.348	.019	.031	.045	.054	.052	.066
10	0.1900	48	2	.305	.312	.340	.105	.120	.384	.414	.019	.031	.050	.060	.057	.072
12	0.2160	83	3	.305	.312	.340	.139	.155	.398	.432	.022	.039	.056	.067	.077	.093
14	0.2420	125	3	.367	.375	.409	.172	.190	.480	.520	.030	.050	.064	.075	.083	.101
1/4	.2500	142	3	.367	.375	.409	.172	.190	.480	.520	.030	.050	.064	.075	.083	.101
5/16	.3125	290	4	.489	.500	.545	.208	.230	.624	.676	.035	.055	.072	.084	.100	.122
3/8	.3750	590	4	.551	.562	.614	.270	.295	.720	.780	.037	.063	.081	.094	.131	.131

Material	AISI 1016 - 1024 or equivalent Steel or Stainless Austenitic 18-8 Stainless Steel
Heat Treatment	Quenched in liquid and tempered by reheating to 650°F minimum.
Surface Hardness	Steel: Rockwell C45 minimum
Case Depth	No. 6 diameter .002 - .007 No. 8 - No. 12 .004 - .009 1/4" and larger .005 - .011
Core Hardness	Rockwell C28 - 38

Select MLWHKIT for the Hex Washer Head Tapping Screw Assortment Kit

Warranty: See warranty information for more details.

All dimensions listed are nominal. MAINLINE® reserves the right to make product and material changes at any time without notice.

Contact your sales representative for more information or visit our website at mainlinecollection.com