



## WING NUTS - COLD FORGED

ANSI/ASME  
B18.17

Nominal Size or Basic Major Diameter of Thread	Threads Per Inch	A		B		C		D		E		G		
		Wing Spread		Wing Height		Wing Thickness		Between Wings		Boss Diameter		Boss Height		
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	
4	0.1120	40 & 48	0.72	0.59	0.41	0.28	0.11	0.07	0.21	0.17	0.33	0.29	0.14	0.10
6	0.1380	32 & 40	0.72	0.59	0.41	0.28	0.11	0.07	0.21	0.17	0.33	0.29	0.14	0.10
8	0.1640	32 & 36	0.91	0.78	0.47	0.34	0.14	0.10	0.27	0.22	0.43	0.39	0.18	0.14
10	0.1900	24 & 32	0.91	0.78	0.47	0.34	0.14	0.10	0.27	0.22	0.43	0.39	0.18	0.14
12	0.2160	24 & 28	1.10	0.97	0.57	0.43	0.18	0.14	0.33	0.26	0.50	0.45	0.22	0.17
1/4	0.2500	20 & 28	1.10	0.97	0.57	0.43	0.18	0.14	0.33	0.26	0.50	0.45	0.22	0.17
5/16	0.3125	18 & 24	1.25	1.12	0.66	0.53	0.21	0.17	0.39	0.32	0.58	0.51	0.25	0.20
3/8	0.3750	16 & 24	1.44	1.31	0.79	0.65	0.24	0.20	0.48	0.42	0.70	0.64	0.30	0.26
7/16	0.4375	14 & 20	1.94	1.81	1.00	0.87	0.33	0.26	0.65	0.54	0.93	0.86	0.39	0.35
1/2	0.5000	13 & 20	1.94	1.81	1.00	0.87	0.33	0.26	0.65	0.54	0.93	0.86	0.39	0.35
5/8	0.6250	11 & 18	2.76	2.62	1.44	1.31	0.40	0.34	0.90	0.80	1.19	1.13	0.55	0.51
3/4	0.7500	10 & 16	2.76	2.62	1.44	1.31	0.40	0.34	0.90	0.80	1.19	1.13	0.55	0.51

<b>Description</b>	A nut with wings which allow the part to be manually turned.
<b>Applications/ Advantages</b>	Used when a part is frequently assembled and disassembled at a place where torque greater than that achieved with finger pressure is not needed.
<b>Material</b>	<b>Steel:</b> Carbon steel adaptable to the cold-forging process. <b>Stainless:</b> 18-8 stainless steel.
<b>Plating</b>	See Appendix-A for information about plating steel wing screws.