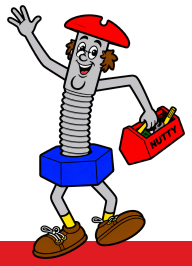
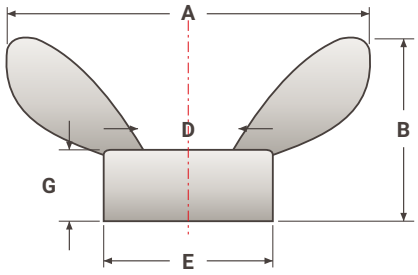
THE NUTTY COMPANY INC
FASTENER SPECIALISTS SINCE 1977

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PRODUCT DATA SHEET

Wing Nuts – Plated, Stainless, Brass & Nylon



FRONT VIEW SIDE VIEW

- **Wing nuts** have two flat wings so they can be tightened and loosened by hand, with no tools.
- **Use:** covers, panels, clamps, jigs, fixtures and equipment that is adjusted or taken apart often.
- **Materials stocked:** zinc plated steel, 18-8 stainless steel, brass and nylon 6/6.
- **Thread fit:** Class 2B, right hand.



ZINC PLATED STEEL



18-8 STAINLESS



BRASS



NYLON 6/6

1.0 Dimensions – Plated Steel, 18-8 Stainless & Brass

ASME B18.6.9 Type A (cold forged), inches

Thread Size	Stock #			Wing Spread A		Wing Height B		Wing Thick. C		Between Wings D		Boss Dia. E		Boss Height G	
	Plated	18-8 SS	Brass	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
#6-32	WN632	XWN632	BWN632	.72	.59	.41	.28	.11	.07	.21	.17	.33	.29	.14	.10
#8-32	WN832	XWN832	BWN832	.91	.78	.47	.34	.14	.10	.27	.22	.43	.39	.18	.14
#10-24	WN1024	XWN1024	BWN1024	.91	.78	.47	.34	.14	.10	.27	.22	.43	.39	.18	.14
#10-32	WN1032	XWN1032	BWN1032	.91	.78	.47	.34	.14	.10	.27	.22	.43	.39	.18	.14
1/4"-20	WN1420	XWN1420	BWN1420	1.10	.97	.57	.43	.18	.14	.33	.26	.50	.45	.22	.17
1/4"-28	–	XWN1428	–	1.10	.97	.57	.43	.18	.14	.33	.26	.50	.45	.22	.17
5/16"-18	WN51618	XWN51618	BWN51618	1.25	1.12	.66	.53	.21	.17	.39	.32	.58	.51	.25	.20
5/16"-24	–	XWN51624	–	1.25	1.12	.66	.53	.21	.17	.39	.32	.58	.51	.25	.20
3/8"-16	WN3816	XWN3816	BWN3816	1.44	1.31	.79	.65	.24	.20	.48	.42	.70	.64	.30	.26
3/8"-24	–	XWN3824	–	1.44	1.31	.79	.65	.24	.20	.48	.42	.70	.64	.30	.26
7/16"-14	WN71614	XWN71614	–	1.94	1.81	1.00	.87	.33	.26	.65	.54	.93	.86	.39	.35
1/2"-13	WN1213	XWN1213	BWN1213	1.94	1.81	1.00	.87	.33	.26	.65	.54	.93	.86	.39	.35
5/8"-11	WN5811	XWN5811	–	2.76	2.62	1.44	1.31	.40	.34	.90	.80	1.19	1.13	.55	.51
3/4"-10	–	XWN3410	–	2.76	2.62	1.44	1.31	.40	.34	.90	.80	1.19	1.13	.55	.51

Note: Wing shape and size vary between manufacturers. Dimensions above are the ASME B18.6.9 Type A limits; if a dimension is critical, call us to confirm the stock on hand before ordering.

1.1 Dimensions – Nylon 6/6 Wing Nuts nominal, inches

Stock #	Thread Size	Wing Spread A	Wing Height B	Boss Dia. E	Boss Height G
NYWN632	#6-32	.90	.48	.40	.23
NYWN832	#8-32	.90	.48	.40	.23
NYWN1024	#10-24	.90	.48	.40	.23
NYWN1032	#10-32	.90	.48	.40	.23
NYWN1420	1/4"-20	1.36	.71	.65	.36
NYWN51618	5/16"-18	1.38	.72	.65	.36
NYWN3816	3/8"-16	1.38	.72	.65	.36

Note: Nylon wing nut dimensions are nominal (typical) values for standard molded nylon 6/6 wing nuts. Molded parts may vary slightly.

2.0 Material & Finish

	Plated Steel	18-8 Stainless Steel	Brass	Nylon 6/6
Stock # prefix	**WN**	**XWN**	**BWN**	**NYWN**
Material	Low carbon steel, cold forged	18-8 (300 series) stainless	360 brass	Type 6/6 nylon, molded
Finish / color	Zinc plated	Plain, natural stainless	Plain, natural brass	Natural (off-white)
Dimensions	ASME B18.6.9 Type A	ASME B18.6.9 Type A	ASME B18.6.9 Type A	Industry std. (nominal)
Thread	UNC / UNF, Class 2B	UNC / UNF, Class 2B	UNC / UNF, Class 2B	UNC / UNF, molded, 2B
Corrosion resistance	Good; zinc resists rust indoors	Excellent; outdoor & marine	No rust; tarnishes	Will not rust or corrode
Magnetic	Yes	Slightly or non-magnetic	No	No
Electrically conductive	Yes	Yes	Yes (excellent)	No (insulator)
Service temperature	–	–	–	To approx. 185°F (85°C)

3.0 Installation & Use

- **Hand tighten only.** Wing nuts are made to be turned by hand. Pliers or wrenches can bend or break the wings; if a joint needs real torque, use a hex nut.
- **Stainless galling:** stainless threads can seize when tightened fast or under load. Use anti-seize, turn slowly and keep threads clean.
- **Match the metals:** use stainless wing nuts on stainless bolts and brass on brass. In wet locations, stainless touching zinc plated, galvanized or aluminum parts can cause galvanic corrosion.
- **Vibration:** wing nuts can work loose under vibration. Add a lock washer, or choose a lock nut where the joint does not need to come apart by hand.
- **Nylon:** lightweight, non-conductive and non-magnetic, for electrical panels, electronics and wet locations. Not for structural or high-load joints. Nylon absorbs some moisture, which can change dimensions slightly.

Disclaimer: The above is a compilation of data from various industry standards. The Nutty Company, Inc. has made every effort to present the data accurately. However, The Nutty Company, Inc. cannot be held liable for any claim traceable to any errors, typographical or otherwise, contained herein.



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