THE NUTTY COMPANY INC
FASTENER SPECIALISTS SINCE 1977

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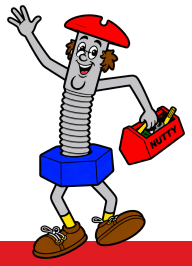
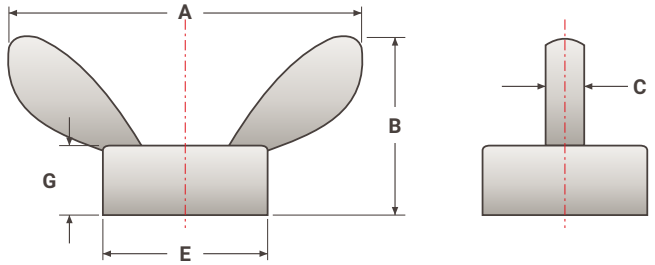


PRODUCT DATA SHEET

Metric Wing Nuts – Zinc Plated & A2 Stainless





ZINC PLATED STEEL



A2 STAINLESS STEEL

1.0 Dimensions DIN 315 AF (American form), nominal, millimeters

Thread Size	Pitch	Stock #		Wing Spread A	Height B	Wing Thick. C	Boss Dia. E	Boss Height G
		Zinc Plated	A2 Stainless					
M3	0.5	MWN3	XMWN3	15.3	7.2	1.2	6.8	2.4
M4	0.7	MWN4	XMWN4	17.6	8.6	1.6	8.0	2.9
M5	0.8	MWN5	XMWN5	22.5	11.0	2.1	10.3	4.1
M6	1.0	MWN6	XMWN6	27.8	13.6	2.5	12.7	5.1
M8	1.25	MWN8	XMWN8	30.3	14.8	2.8	13.8	5.6
M10	1.5	MWN10	XMWN10	36.2	17.7	3.3	16.5	6.8
M12	1.75	MWN12	XMWN12	49.4	24.1	4.5	22.5	9.0
M14	2.0	–	XMWN14	58.3	28.5	6.0	26.6	10.7
M16	2.0	–	XMWN16	58.3	28.5	6.3	26.6	10.7
M20	2.5	–	XMWN20	68.5	33.8	7.2	29.5	13.5

Note: Dimensions are typical (nominal) values for American-form wing nuts; wing shape and size vary between manufacturers. If a dimension is critical, call us to confirm the stock on hand before ordering. 1 inch = 25.4 mm.

- **Wing nuts** have two flat wings so they can be tightened and loosened by hand, with no tools.
- **Use:** covers, guards, panels, clamps, jigs and equipment that is adjusted or taken apart often.
- **Stocked in** zinc plated steel (M3–M12) and A2 stainless steel (M3–M20), standard (coarse) pitch.

2.0 Material & Finish

	Zinc Plated Steel	A2 Stainless Steel
Stock # prefix	**MWN**	**XMWN**
Material	Steel	A2 (18-8 / 304) austenitic stainless
Finish / color	Zinc plated, bright silver	Plain, natural stainless
Style / dimensions	American form (DIN 315 AF), nominal	American form (DIN 315 AF), nominal
Thread	ISO metric coarse, tolerance 6H	ISO metric coarse, tolerance 6H
Sizes stocked	M3 – M12	M3 – M20
Corrosion resistance	Good; zinc resists rust indoors	Excellent; outdoor & marine
Magnetic	Yes	Slightly or non-magnetic

Type 316 (A4) stainless wing nuts are available on request.

3.0 Installation & Use

- **Hand tighten only.** Pliers or wrenches can bend or break the wings; if a joint needs real torque, use a hex nut.
- **Match the thread:** metric wing nuts fit standard (coarse) pitch metric bolts only; they will not fit inch threads.
- **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. 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.

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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