



<b>METRIC - COLD FORMED WING NUTS, CLASS 5</b>						DIN 3155
Nominal Size	Thread Pitch	A	B	C	E	
		Wing Spread	Wing Height	Wing Thickness	Boss Diameter	
M3	0.50	17.60	8.60	1.60	8	
M4	0.70	17.60	8.60	1.60	8	
M5	0.80	22.50	11	2.10	10.30	
M6	1	27.80	13.60	2.50	12.70	
M8	1.25	30.30	14.80	2.80	13.80	
M10	1.50	36.20	17.70	3.30	16.50	
M12	1.75	49.40	24.10	4.50	22.50	

<b>Description</b>	A nut with a metric thread pitch and wings set 180° apart from each other which allows the part to be manually turned.
<b>Applications/ Advantages</b>	Class 5 metric cold-formed wing nuts are used when a part is frequently assembled and disassembled at a place where torque greater than that achieved with finger pressure is not needed. The cold-formed style nut has been more popular in the United States, especially in the automotive aftermarket. It can also be safer to use than a malleable wing nut which can have sharp burrs that must be filed down prior to installation.
<b>Material</b>	Class 5 metric cold-formed nuts shall be made of a steel which conforms to the following chemical composition-- <i>Carbon: 0.50% maximum; Phosphorus: 0.060% maximum; Sulfur: 0.150% maximum.</i>
<b>Hardness</b>	Rockwell B89 - C30 (Vickers HV 130 - 302)
<b>Plating</b>	See Appendix-A for plating information