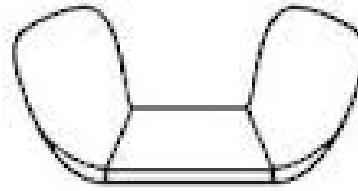


COLD FORMED WING NUTS METRIC



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	
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

Description	A nut with a metric thread pitch and wings set 180° apart from each other which allows the part to be manually turned.
Applications/ Advantages	Class 5 metric cold-forged 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-forged 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.
Material	Class 5 metric cold-forged 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>
Hardness	Rockwell B89 - C30 (Vickers HV 130 - 302)
Plating	See Appendix-A for plating information