

METRIC FASTENERS

NUTS DIN 917 Low Type Hex Cap Nuts



DIN 917 LOW TYPE HEX CAP NUTS						
Nominal Diameter & Thread Pitch	G	H	F	T		U
	Width Across the Corners	Total Nut Height	Width Across the Flats	Hex Height to Corner		Drill Depth
	Min	Ref	Ref	Max	Min	Ref
M3-0.5	6.08	5	5.5	3.4	3	2.5
M4-0.7	7.66	5.5	7	4.64	4.16	3.1
M5-0.8	8.79	7	8	5.44	4.96	3.7
M6-1.0	11.05	9	10	7.29	6.71	5.2

Description	A one-piece hex nut with a low-profile dome-shaped top and a threaded hole at the opposite end.	
Applications/ Advantages	Cap nuts serve two main purposes: (1) as decorative pieces, and (2) as covers for projecting threads. The low-type cap nut is chosen when there is limited clearance space above the nut.	
Material	<i>Steel</i>	<i>Stainless</i>
	Class 6 cap nuts shall be made from a low-carbon steel which conforms to the following chemical composition requirements-- Carbon: 0.50% max.; Phosphorus: 0.060% max.; Sulfur: 0.150% max..	Type A2 Stainless
Hardness	<i>M3 - M16:</i> Vickers HV 150 - 302	-
Plating	See Appendix-A for information about the plating of steel cap nuts.	Stainless cap nuts are typically provided without any secondary finish.