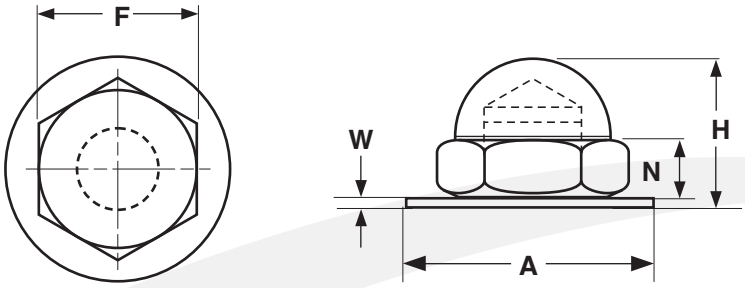
Steel CAP, WASHER-BASED, CLOSED-END



Washer-Based Closed-End Cap Nuts

Nominal Size or Basic Thread Diameter		F		N		H	W		A
		Width Across the Flats		Wrenching Height		Overall Height	Washer Thickness		Washer Base Diameter
		Max	Min	Max	Min	Nom	Max	Min	Nom
10	0.1900	0.382	0.372	0.165	0.155	3/8	0.040	0.030	19/32
1/4	0.2500	0.444	0.434	0.169	0.159	13/32	0.045	0.035	11/16
5/16	0.3125	0.569	0.589	0.193	0.183	15/32	0.050	0.040	27/32
3/8	0.3750	0.632	0.622	0.218	0.208	17/32	0.055	0.045	15/16

Description	A zinc alloy internally threaded fastener that features a wide-diameter, integral washer base and a low-crown cap with a dome-shaped top.
Applications / Advantages	This design is preferred by some as a more attractive alternative to a basic hex nut. Washer-base design enables the nut to be used in oversized or offset holes, and with soft materials such as wood or plastic.
Material	Nuts are made from the zinc die cast alloy Zamak #3 which conforms to the following chemical composition requirements-- ***Aluminum***: 3.5-4.3%; ***Magnesium***: 0.02-0.05%; ***Copper***: 0.25%* max.; Iron: 0.10% max.; ***Lead***: 0.005% max.; ***Cadmium***: 0.004% max.; ***Tin***: 0.003% max.; ***Zinc***: balance (*Note: Most commercial applications will accept copper content within the range of 0.25-0.75% without rejecting the product).