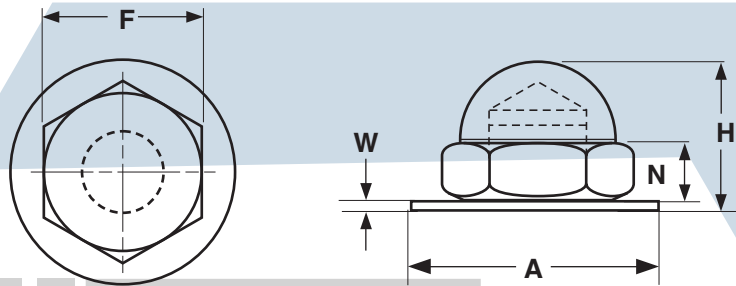


Steel

## 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

<b>Description</b>	A zinc alloy internally threaded fastener that features a wide-diameter, integral washer base and a low-crown cap with a dome-shaped top.
<b>Applications / Advantages</b>	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.
<b>Material</b>	Nuts are made from the zinc die cast alloy Zamak #3 which conforms to the following chemical composition requirements-- <i>Aluminum:</i> 3.5-4.3%; <i>Magnesium:</i> 0.02-0.05%; <i>Copper:</i> 0.25% * max.; <i>Iron:</i> 0.10% max.; <i>Lead:</i> 0.005% max.; <i>Cadmium:</i> 0.004% max.; <i>Tin:</i> 0.003% max.; <i>Zinc:</i> balance (*Note: Most commercial applications will accept copper content within the range of 0.25-0.75% without rejecting the product).