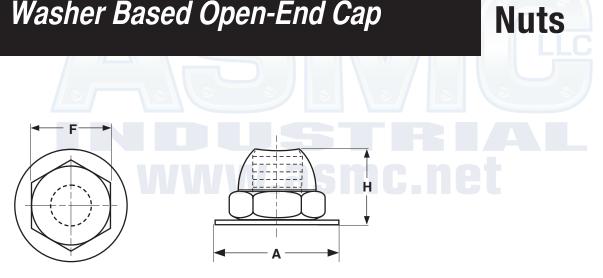
Washer Based Open-End Cap



Washer-Based Open-End Cap Nuts								
Nominal Size or Basic Thread Diameter		F Width Across the Flats		N Overall Height		R Washer Base Diameter		
10	0.1900	0.375	0.362	0.291	0.271	0.450	0.430	
1/4	0.2500	0.438	0.423	0.338	0.318	0.522	0.502	
5/16	0.3125	0.562	0.545	0.385	0.365	0.667	0.647	
3/8	0.3750	0.625	0.607	0.431	0.411	0.739	0.719	

Description	A zinc alloy internally threaded fastener that features a wide-diameter, integral washer base and a low-crown cap with the top portion of its dome removed.				
Applications / Advantages	This design is preferred by some as a more attractive alternative to a basic hex nut. It is a useful alternative to a washer-based closed-end cap nut because it can be used with bolts of any length. Washer-base design enables the nut to be used in oversized or offset holes, and with soft services 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).				

Die-Cast Zinc Alloy