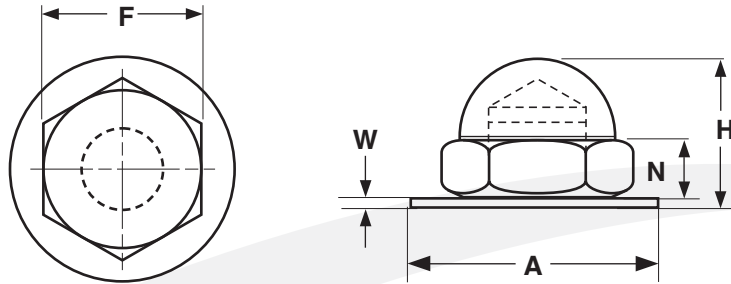


Zinc Alloy

CAP, WASHER-BASED, CLOSED-END



| WASHER-BASED CLOSED-END CAP NUTS | | | | | | | | | | |
|---------------------------------------|--------|------------------------|-------|----------------|-------|----------------------|-------|------------------|------------------|-------|
| Nominal Size or Basic Thread Diameter | | F | | H | | A | | W | N | |
| | | Width Across the Flats | | Overall Height | | Washer Base Diameter | | Washer Thickness | Wrenching Height | |
| | | Max | Min | Max | Min | Max | Min | Ref | Max | Min |
| 10 | 0.1900 | 0.375 | 0.362 | 0.353 | 0.333 | 0.450 | 0.430 | .035 | 0.170 | 0.150 |
| 1/4 | 0.2500 | 0.438 | 0.423 | 0.416 | 0.396 | 0.522 | 0.502 | .040 | 0.174 | 0.154 |
| 5/16 | 0.3125 | 0.562 | 0.545 | 0.478 | 0.458 | 0.667 | 0.647 | .045 | 0.198 | 0.178 |
| 3/8 | 0.3750 | 0.625 | 0.607 | 0.541 | 0.521 | 0.739 | 0.719 | .050 | 0.223 | 0.203 |

| | |
|----------------------------------|--|
| Description | A zinc alloy internally threaded fastener that features a wide-diameter, integral washer base and an acorn-shaped top. |
| Applications / Advantages | This design is preferred by some as a more attractive alternative to a basic hex nut. It is useful as a cover for projecting threads. 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-- <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). |