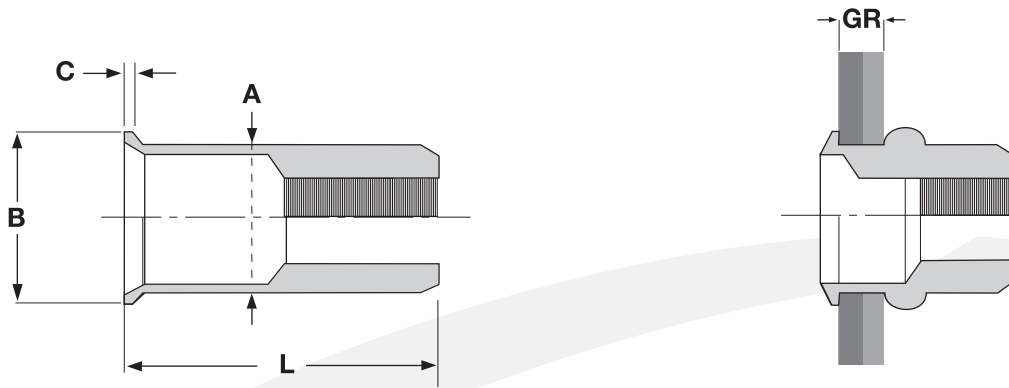


**Smooth Body,
Small Head** **RIVET NUTS (Blind Threaded Inserts)**



| SMALL HEAD, LOW PROFILE BLIND THREADED INSERTS | | | | | | | | |
|--|-------------|------|---------------|---------------|------|-----------|------|------------|
| Thread Size- Ultimate Grip | L | | A | B | | Hole Size | | Grip Range |
| | Body Length | | Body Diameter | Head Diameter | | Max | Min | |
| | Max | Min | Max | Max | Min | | | |
| 6-32-.080 | .415 | .385 | .249 | .287 | .267 | .254 | .250 | .020-.080 |
| 8-32-.080 | .415 | .385 | .249 | .287 | .267 | .254 | .250 | .020-.080 |
| 10-24-.130 | .465 | .435 | .280 | .320 | .300 | .285 | .281 | .020-.130 |
| 10-24-.225 | .575 | .545 | .280 | .320 | .300 | .285 | .281 | .125-.225 |
| 10-32-.130 | .465 | .435 | .280 | .320 | .300 | .285 | .281 | .020-.130 |
| 10-32-.225 | .575 | .545 | .280 | .320 | .300 | .285 | .281 | .125-.225 |
| 1/4-20-.130 | .610 | .580 | .374 | .415 | .395 | .379 | .375 | .030-.130 |
| 1/4-20-.165 | .610 | .580 | .374 | .415 | .395 | .379 | .375 | .030-.165 |
| 1/4-28-.165 | .610 | .580 | .374 | .415 | .395 | .379 | .375 | .030-.165 |
| 5/16-18-.200 | .720 | .690 | .499 | .540 | .510 | .504 | .500 | .040-.200 |
| 5/16-18-.312 | .835 | .805 | .499 | .540 | .510 | .504 | .500 | .185-.312 |
| 3/8-16-.200 | .720 | .690 | .499 | .540 | .510 | .504 | .500 | .040-.200 |

| | |
|----------------------------------|--|
| Description | A cylindrical internally threaded fastener, open at both ends with a low profile head at one end and a short, chamfered lead at the opposite end. It can be installed into a prepared hole from the blind side of the ultimate fastening. The outer surface of the insert is smooth. The insert is threaded onto mandrel of installation tool and positioned into hole. As mandrel is pulled back, the insert is expanded into the base material it is now gripping. Installation is complete when the mandrel of the tool is removed from the set insert. |
| Applications / Advantages | Ease of installation makes blind threaded inserts a low-cost way to provide threaded holes in thin sheet metal. Low profile head design enables insert to be nearly flush once it is set in place. |
| Material | Aluminum: 5056 Aluminum or ALMG 3 alloy Steel: 1006 - 1008 low carbon steel Stainless: Type 303 Stainless Steel |