

## AN Nuts and Related Items

### MS20364 (AN364) Reduced Height Lock Nuts



These are Military Specification versions of what is commonly referred to as a "Nylock" nut. They are rated at 125,000 psi tensile strength and for operating temperatures of up to 250°F. The MS20364 series is a half-height variation for bolts loaded in shear.

Nut Thread Size (Reduced Height)	Part No.	Price Each
10-32 Reduced Height	<b>AN364-3</b>	<b>30¢</b>
1/4-28 Reduced Height	<b>AN364-4</b>	<b>39¢</b>
5/16-24 Reduced Height	<b>AN364-5</b>	<b>59¢</b>
3/8-24 Reduced Height	<b>AN364-6</b>	<b>89¢</b>
7/16-20 Reduced Height	<b>AN364-7</b>	<b>\$1.19</b>
1/2-20 Reduced Height	<b>AN364-8</b>	<b>\$1.49</b>
5/8-18 Reduced Height	<b>AN364-10</b>	<b>\$1.89</b>
3/4-16 Reduced Height	<b>AN364-12</b>	<b>\$1.99</b>

### AN316 Left and Right Hand Jam Nuts



These plated high-strength jam nuts are commonly used with rod end bearings. They are manufactured per Military Specification AN316 except for the 10-32 sizes as noted below.

Nut Thread Size – Available with left or right hand threads	Part No.	Price Each
10-32 Right-Hand (AN315)	<b>AN316-3-R</b>	<b>20¢</b>
10-32 Left-Hand (brass, not MS)	<b>AN316-3-L</b>	<b>49¢</b>
1/4-28 Right-Hand	<b>AN316-4-R</b>	<b>19¢</b>
1/4-28 Left-Hand	<b>AN316-4-L</b>	<b>49¢</b>
5/16-24 Right-Hand	<b>AN316-5-R</b>	<b>29¢</b>
5/16-24 Left-Hand	<b>AN316-5-L</b>	<b>69¢</b>
3/8-24 Right-Hand	<b>AN316-6-R</b>	<b>49¢</b>
3/8-24 Left-Hand	<b>AN316-6-L</b>	<b>69¢</b>
7/16-20 Right-Hand	<b>AN316-7-R</b>	<b>59¢</b>
7/16-20 Left-Hand	<b>AN316-7-L</b>	<b>\$1.09</b>
1/2-20 Right-Hand	<b>AN316-8-R</b>	<b>99¢</b>
1/2-20 Left-Hand	<b>AN316-8-L</b>	<b>\$2.99</b>
5/8-18 Right-Hand	<b>AN316-10-R</b>	<b>\$2.69</b>
5/8-18 Left-Hand	<b>AN316-10-L</b>	<b>\$4.49</b>
3/4-16 Right-Hand	<b>AN316-12-R</b>	<b>\$3.49</b>
3/4-16 Left-Hand	<b>AN316-12-L</b>	<b>\$8.99</b>

### Left and Right Hand Metric Jam Nuts

**Now in Metric!**

These plated high-strength jam nuts are ideal for use with our metric rod end bearings. They are very similar to the AN316 Jam Nuts shown above but with metric threads.

Nut Thread Size – Specify left or right hand threads	Part No.	Price Each
8 x 1.00mm Right-Hand	<b>MJAM-8x1.0-R</b>	<b>49¢</b>
8 x 1.00mm Left-Hand	<b>MJAM-8x1.0-L</b>	<b>54¢</b>
8 x 1.25mm Right-Hand	<b>MJAM-8x1.25-R</b>	<b>49¢</b>
8 x 1.25mm Left-Hand	<b>MJAM-8x1.25-L</b>	<b>69¢</b>
10 x 1.25mm Right-Hand	<b>MJAM-10x1.25-R</b>	<b>\$1.09</b>
10 x 1.25mm Left-Hand	<b>MJAM-10x1.25-L</b>	<b>\$1.29</b>
10 x 1.50mm Right-Hand	<b>MJAM-10x1.50-R</b>	<b>\$1.09</b>
10 x 1.50mm Left-Hand	<b>MJAM-10x1.50-L</b>	<b>\$1.09</b>
12 x 1.25mm Right-Hand	<b>MJAM-12x1.25-R</b>	<b>\$1.19</b>
12 x 1.25mm Left-Hand	<b>MJAM-12x1.25-L</b>	<b>\$1.29</b>
12 x 1.75mm Right-Hand	<b>MJAM-12x1.75-R</b>	<b>\$1.39</b>
12 x 1.75mm Left-Hand	<b>MJAM-12x1.75-L</b>	<b>\$1.39</b>
14 x 1.50mm Right-Hand	<b>MJAM-14x1.50-R</b>	<b>\$1.59</b>
14 x 1.50mm Left-Hand	<b>MJAM-14x1.50-L</b>	<b>\$1.89</b>
14 x 2.00mm Right-Hand	<b>MJAM-14x2.0-R</b>	<b>\$1.59</b>
14 x 2.00mm Left-Hand	<b>MJAM-14x2.0-L</b>	<b>\$1.99</b>
16 x 2.00mm Right-Hand	<b>MJAM-16x2.0-R</b>	<b>\$1.79</b>
16 x 2.00mm Left-Hand	<b>MJAM-16x2.0-L</b>	<b>\$1.89</b>

### MS20365 (AN365) Full Height Lock Nuts



These are Military Specification versions of what is commonly referred to as a "Nylock" nut. They are rated at 125,000 psi tensile strength and for operating temperatures of up to 250°F. The MS20365 series is the standard, full height lock nut.

Nut Thread Size (Full Height)	Part No.	Price Each
10-32 Full Height	<b>AN365-3</b>	<b>23¢</b>
1/4-28 Full Height	<b>AN365-4</b>	<b>49¢</b>
5/16-24 Full Height	<b>AN365-5</b>	<b>69¢</b>
3/8-24 Full Height	<b>AN365-6</b>	<b>99¢</b>
7/16-20 Full Height	<b>AN365-7</b>	<b>\$1.39</b>
1/2-20 Full Height	<b>AN365-8</b>	<b>\$1.79</b>
9/16-18 Full Height	<b>AN365-9</b>	<b>\$3.19</b>
5/8-18 Full Height	<b>AN365-10</b>	<b>\$2.89</b>
3/4-16 Full Height	<b>AN365-12</b>	<b>\$3.99</b>

### AN310 Castellated Nuts



These Mil Spec castellated nuts are used with drilled shank bolts and cotter pins to provide secure attachment for critical fastener applications. They are suitable for high temperature locations where "Nylock" or Loctite temperature limits are exceeded.

Nut Thread Size	Part No.	Price Each
10-32 Castellated Nut	<b>AN310-3</b>	<b>99¢</b>
1/4-28 Castellated Nut	<b>AN310-4</b>	<b>79¢</b>
5/16-24 Castellated Nut	<b>AN310-5</b>	<b>\$1.79</b>
3/8-24 Castellated Nut	<b>AN310-6</b>	<b>\$1.49</b>
7/16-20 Castellated Nut	<b>AN310-7</b>	<b>\$2.39</b>
1/2-20 Castellated Nut	<b>AN310-8</b>	<b>\$2.29</b>
5/8-18 Castellated Nut	<b>AN310-10</b>	<b>\$3.69</b>
3/4-16 Castellated Nut	<b>AN310-12</b>	<b>\$4.59</b>

### H20 Series 220,000 psi 12 Point Lock Nuts



These all metal self-locking, compact, lightweight, super-strong, aerospace quality nuts are stronger than standard AN364/AN365/MS21042 nuts.

Nut Thread Size	Part No.	Price Each
1/4-28 – 12 Point Nut	<b>H20-4</b>	<b>\$2.39</b>
5/16-24 – 12 Point Nut	<b>H20-5</b>	<b>\$2.99</b>
3/8-24 – 12 Point Nut	<b>H20-6</b>	<b>\$6.99</b>

### AN Bolt Identification Gauge



This handy gauge is indispensable when using AN hardware. With length increments of only 1/8 inch, it's not easy to determine at a glance if you have the correct bolt size for your application. Works with AN3 through AN10 bolts up to -50 size (5 inches long). This sturdy steel gauge fits easily into your toolbox. Measures 5 1/2" wide x 6 3/16" long.

*Pocket AN Bolt Gauge* ..... Part No. 3319-001 .. \$17.99

### Cross Check Inspector's Lacquer

**Cross Check** (also known as Anti-Sabotage Lacquer) is an easy way to detect loosening due to vibration or tampering. Apply to fasteners and fittings after tightening to proper torque. Dries quickly, leaving a highly visible but brittle mark which will crack at the first sign of loosening. Use on compression fittings, studs, nuts – any assembly where regularly checking the torque or proper positioning is difficult or impractical. Excellent adhesion to most clean surfaces. 1 oz. tube. Available in Blue, Grey, Green, Orange, Pink, Red, White, or Yellow.



*Cross Check, 1 oz.* .... Part No. 3329-001-Color ..... \$4.99

### MS21042 Jetnuts



These all metal self-locking nuts are rated at 160,000 psi tensile strength and can withstand temperatures to 450°F. Because of their reduced hex dimension, they are widely used in limited space applications where wrench access would otherwise be a problem.

Nut Thread Size	Part No.	Price Each
10-32 Jetnut	<b>MS21042-3</b>	<b>20¢</b>
1/4-28 Jetnut	<b>MS21042-4</b>	<b>64¢</b>
5/16-24 Jetnut	<b>MS21042-5</b>	<b>79¢</b>
3/8-24 Jetnut	<b>MS21042-6</b>	<b>99¢</b>
7/16-20 Jetnut	<b>MS21042-7</b>	<b>\$3.59</b>
1/2-20 Jetnut	<b>MS21042-8</b>	<b>\$4.99</b>

Replacing all of the full height MS20365 locknuts on your car with MS21042 jetnuts can result in a measurable weight reduction.

### Metric Jetnuts

These Metric Jetnuts are very similar to MS21042 jetnuts; however, there is currently no Military Specification for metric jetnuts.

Nut Thread Size	Part No.	Price Each
6 x 1.00 mm Jetnut	<b>MJET-M6x1.0</b>	<b>\$1.49</b>
8 x 1.25 mm Jetnut	<b>MJET-M8x1.25</b>	<b>\$1.99</b>
10 x 1.50 mm Jetnut	<b>MJET-M10x1.50</b>	<b>\$3.89</b>

### MS24665 Cotter Pins for Castellated Nuts



Install as shown here:

Bend one tang over end of bolt. Cut the other tang so it will end short of the washer when bent toward the bolt head.



These plated steel Mil Spec cotter pins are correctly sized to work with AN310 castellated nuts and drilled shank air-frame bolts. They are sold in packages of 100.

Cotter Pin Size and appropriate AN Bolt Size	Part No.	Price per 100
1/16 x 1/2 for AN3 Bolts	<b>MS24665-132</b>	<b>\$2.99</b>
5/64 x 1/2 for AN4 & AN5	<b>MS24665-208</b>	<b>\$3.59</b>
3/32 x 3/4 for AN6 & AN7	<b>MS24665-283</b>	<b>\$2.39</b>
3/32 x 1" for AN8 Bolts	<b>MS24665-285</b>	<b>\$3.99</b>

## AN Hardware Assortments

### Airframe Washer and Aircraft Locknut Kit

Contains 100 each thick and thin AN960 steel flat washers in each size #10, 1/4, 5/16, 3/8 (see chart on page 99). Also contains 10 each AN364 half height and AN365 full height nylon insert locknuts and 10 all-metal, self-locking "jet-nuts" in each size #10-32, 1/4-28, 5/16-24 and 3/8-24. Includes an unbreakable storage box.

*Airframe Washer and Locknut Kit*  
Part No. 4171 ..... \$74.99

### Airframe Washer and Jetnut Kit

Contains 100 each thick and thin AN960 steel flat washers in each size; #10, 1/4, 5/16, 3/8 (see chart on page 99). Also contains 50 each #10-32 and 1/4-28 and 25 each 5/16-24 and 3/8-24 all-metal "jetnuts". Includes an unbreakable box.

*Airframe Washer and Jetnut Kit*  
Part No. 4172 ..... \$99.99

### Airframe Washer Kit

Contains 100 each AN960 steel flat washers in each size; -10 through -616L and 50 each of -716 through -816L. See AN960 Flat Washer section on page 99 for sizes and measurements. Includes unbreakable box.

*Air Frame Washer Kit* ..... Part No. 4170 ..... \$49.99