

DIMENSIONS: in

Features:

- Protect
- Insulate
- Isolate

Replaces:

- Costly Brass and Stainless Steel Fasteners
- Costly Multiple Component Insulated Screw Assemblies
- Costly Sleeved and Cladded Screws
- Marginal Standard Nylon Fastener Applications

MATERIALS

| | |
|-------------------|---|
| Nylon Shell: | Nylon 6/6 Natural, High Dielectric Resistance, Corrosion Resistant, Vibration and Abrasion Resistant |
| Reinforcing Core: | High Strength, High Carbon, C.H.Q. Steel, Precision Cold Formed and Knurled, Electro Zinc or Cadmium Plated |

DIMENSIONS: IN.

| Head Style | Thread Size | | | |
|---------------------|-------------|-------------|-------------|-------------|
| | 632 | 832 | 1032 | 1/4-20 |
| 82° Flat | | | | |
| Head ϕ | 0.265±0.005 | 0.305±0.005 | 0.370±0.005 | 0.510±0.005 |
| Head Height | 0.085±0.005 | 0.100±0.005 | 0.120±0.005 | 0.155±0.005 |
| Fillister | | | | |
| Head ϕ | 0.230±0.005 | 0.260±0.005 | 0.310±0.005 | 0.400±0.005 |
| Head Height | 0.135±0.005 | 0.140±0.005 | 0.160±0.005 | 0.220±0.005 |
| Round | | | | |
| Head ϕ | 0.225±0.005 | 0.300±0.005 | 0.340±0.005 | 0.450±0.005 |
| Head Height | 0.095±0.005 | 0.120±0.005 | 0.130±0.005 | 0.165±0.005 |
| Round Washer | | | | |
| Head ϕ | 0.230±0.005 | 0.265±0.005 | 0.315±0.005 | 0.460±0.005 |
| Head Height | 0.100±0.005 | 0.110±0.005 | 0.125±0.005 | 0.175±0.005 |
| Washer Thickness | 0.025±0.005 | 0.032±0.005 | 0.036±0.005 | 0.056±0.005 |
| Washer ϕ | 0.300±0.005 | 0.370±0.005 | 0.425±0.005 | 0.550±0.005 |

| Thread Size | MOUSER STOCK NO. | Description (Thread x Length) |
|--------------|------------------|-------------------------------|
| 632 | 561-A632.25 | 632x0.25 |
| | 561-A632.375 | 632x0.375 |
| | 561-A632.5 | 632x0.5 |
| | 561-FMC632.25 | 632x0.25 |
| | 561-FMC632.375 | 632x0.375 |
| | 561-FMC632.5 | 632x0.5 |
| | 561-R632.25 | 632x0.25 |
| | 561-R632.375 | 632x0.375 |
| | 561-R632.5 | 632x0.5 |
| | 561-W632.25 | 632x0.25 |
| | 561-W632.375 | 632x0.375 |
| | 561-W632.5 | 632x0.5 |
| 832 | 561-A832.375 | 832x0.375 |
| | 561-A832.5 | 832x0.5 |
| | 561-FMC832.375 | 832x0.375 |
| | 561-FMC832.5 | 832x0.5 |
| | 561-R832.375 | 832x0.375 |
| | 561-R832.5 | 832x0.5 |
| | 561-W832.375 | 832x0.375 |
| 561-W832.5 | 832x0.5 | |
| 1032 | 561-A1032.375 | 1032x0.375 |
| | 561-A1032.5 | 1032x0.5 |
| | 561-A1032.75 | 1032x0.75 |
| | 561-F1032.375 | 1032x0.375 |
| | 561-F1032.5 | 1032x0.5 |
| | 561-F1032.75 | 1032x0.75 |
| | 561-R1032.375 | 1032x0.375 |
| | 561-R1032.5 | 1032x0.5 |
| | 561-R1032.75 | 1032x0.75 |
| | 561-W1032.375 | 1032x0.375 |
| | 561-W1032.5 | 1032x0.5 |
| 561-W1032.75 | 1032x0.75 | |
| 1/4-20 | 561-A2520.375 | 1/4-20x0.375 |
| | 561-A2520.5 | 1/4-20x0.5 |
| | 561-A2520.62 | 1/4-20x0.625 |
| | 561-A2520.75 | 1/4-20x0.75 |
| | 561-A2520.100 | 1/4-20x1 |
| | 561-F2520.375 | 1/4-20x0.375 |
| | 561-F2520.5 | 1/4-20x0.5 |
| | 561-F2520.62 | 1/4-20x0.625 |
| | 561-F2520.75 | 1/4-20x0.75 |
| | 561-F2520.100 | 1/4-20x1 |
| | 561-R2520.375 | 1/4-20x0.375 |
| | 561-R2520.5 | 1/4-20x0.5 |
| | 561-R2520.62 | 1/4-20x0.625 |
| | 561-R2520.75 | 1/4-20x0.75 |
| | 561-R2520.100 | 1/4-20x1 |
| | 561-W2520.375 | 1/4-20x0.375 |
| | 561-W2520.5 | 1/4-20x0.5 |
| | 561-W2520.62 | 1/4-20x0.625 |
| 561-W2520.75 | 1/4-20x0.75 | |