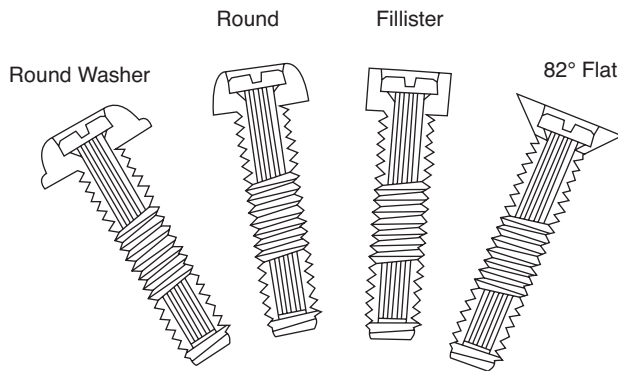


## DIMENSIONS: in



### 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            |
| <b>82° Flat</b>     |                   |                   |                   |                   |
| Head $\phi$         | 0.265 $\pm$ 0.005 | 0.305 $\pm$ 0.005 | 0.370 $\pm$ 0.005 | 0.510 $\pm$ 0.005 |
| Head Height         | 0.085 $\pm$ 0.005 | 0.100 $\pm$ 0.005 | 0.120 $\pm$ 0.005 | 0.155 $\pm$ 0.005 |
| <b>Fillister</b>    |                   |                   |                   |                   |
| Head $\phi$         | 0.230 $\pm$ 0.005 | 0.260 $\pm$ 0.005 | 0.310 $\pm$ 0.005 | 0.400 $\pm$ 0.005 |
| Head Height         | 0.135 $\pm$ 0.005 | 0.140 $\pm$ 0.005 | 0.160 $\pm$ 0.005 | 0.220 $\pm$ 0.005 |
| <b>Round</b>        |                   |                   |                   |                   |
| Head $\phi$         | 0.225 $\pm$ 0.005 | 0.300 $\pm$ 0.005 | 0.340 $\pm$ 0.005 | 0.450 $\pm$ 0.005 |
| Head Height         | 0.095 $\pm$ 0.005 | 0.120 $\pm$ 0.005 | 0.130 $\pm$ 0.005 | 0.165 $\pm$ 0.005 |
| <b>Round Washer</b> |                   |                   |                   |                   |
| Head $\phi$         | 0.230 $\pm$ 0.005 | 0.265 $\pm$ 0.005 | 0.315 $\pm$ 0.005 | 0.460 $\pm$ 0.005 |
| Head Height         | 0.100 $\pm$ 0.005 | 0.110 $\pm$ 0.005 | 0.125 $\pm$ 0.005 | 0.175 $\pm$ 0.005 |
| Washer Thickness    | 0.025 $\pm$ 0.005 | 0.032 $\pm$ 0.005 | 0.036 $\pm$ 0.005 | 0.056 $\pm$ 0.005 |
| Washer $\phi$       | 0.300 $\pm$ 0.005 | 0.370 $\pm$ 0.005 | 0.425 $\pm$ 0.005 | 0.550 $\pm$ 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                      |
| 832         | 561-W632.375     | 632x0.375                     |
|             | 561-W632.5       | 632x0.5                       |
|             | 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                     |
| 1032        | 561-R832.5       | 832x0.5                       |
|             | 561-W832.375     | 832x0.375                     |
|             | 561-W832.5       | 832x0.5                       |
|             | 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                    |
| 1/4-20      | 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                     |
|             | 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                   |