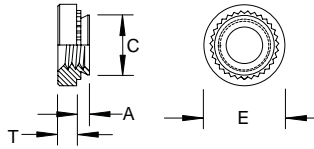


NC - Nuts

Self-Clinching
Inch

Sample Part Number

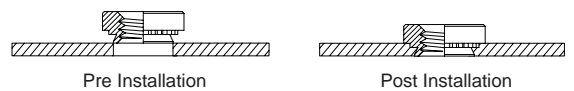
NCST - 440 - .030 - Z
Series/ Thread Shank Finish
Material Code



| Thread | Thread Code | A Shank MAX | Sheet Thickness MIN | Hole Size in Sheet +.003/- .000 | C MAX | E ±.010 | T ±.010 | Dist. Hole C/L to Edge MIN |
|-----------|-------------|-------------|---------------------|---------------------------------|-------|---------|---------|----------------------------|
| 2 - 56 | 256 | .030 | .030 | .166 | .165 | .25 | .07 | .19 |
| | | .038 | .040 | | | | | |
| | | .054 | .056 | | | | | |
| 3 - 48 | 348 | .030 | .030 | .166 | .165 | .25 | .07 | .19 |
| | | .038 | .040 | | | | | |
| | | .054 | .056 | | | | | |
| 4 - 40 | 440 | .030 | .030 | .166 | .165 | .25 | .07 | .19 |
| | | .038 | .040 | | | | | |
| | | .054 | .056 | | | | | |
| | | .087 | .091 | | | | | |
| 6 - 32 | 632 | .030 | .030 | .1875 | .187 | .28 | .07 | .22 |
| | | .038 | .040 | | | | | |
| | | .054 | .056 | | | | | |
| | | .087 | .091 | | | | | |
| 8 - 32 | 832 | .030 | .030 | .213 | .212 | .31 | .09 | .27 |
| | | .038 | .040 | | | | | |
| | | .054 | .056 | | | | | |
| | | .087 | .091 | | | | | |
| 10 - 24 | 1024 | .030 | .030 | .250 | .249 | .34 | .09 | .28 |
| | | .038 | .040 | | | | | |
| | | .054 | .056 | | | | | |
| | | .087 | .091 | | | | | |
| 10 - 32 | 1032 | .030 | .030 | .250 | .249 | .34 | .09 | .28 |
| | | .038 | .040 | | | | | |
| | | .054 | .056 | | | | | |
| | | .087 | .091 | | | | | |
| 12 - 24 | 1224 | .038 | .040 | .277 | .276 | .38 | .13 | .31 |
| | | .054 | .056 | | | | | |
| | | .087 | .091 | | | | | |
| 1/4 - 20 | 0420 | .045 | .047 | .344 | .343 | .44 | .17 | .34 |
| | | .054 | .056 | | | | | |
| | | .087 | .091 | | | | | |
| | | .120 | .125 | | | | | |
| 1/4 - 28 | 0248 | .054 | .056 | .344 | .343 | .44 | .17 | .34 |
| | | .087 | .091 | | | | | |
| | | .120 | .125 | | | | | |
| 5/16 - 18 | 3118 | .054 | .056 | .413 | .412 | .50 | .23 | .38 |
| | | .087 | .091 | | | | | |
| | | .120 | .125 | | | | | |
| 5/16 - 24 | 3124 | .054 | .056 | .413 | .412 | .50 | .23 | .38 |
| | | .087 | .091 | | | | | |
| | | .120 | .125 | | | | | |
| 3/8 - 16 | 3716 | .087 | .091 | .500 | .499 | .56 | .27 | .44 |
| | | .120 | .125 | | | | | |
| | | .235 | .250 | | | | | |
| 3/8 - 24 | 3724 | .087 | .091 | .500 | .499 | .56 | .27 | .44 |
| | | .120 | .125 | | | | | |
| | | .235 | .250 | | | | | |
| 1/2 - 13 | 5013 | .120 | .125 | .656 | .655 | .81 | .36 | .63 |
| | | .235 | .250 | | | | | |
| 1/2 - 20 | 5020 | .120 | .125 | .656 | .655 | .81 | .36 | .63 |
| | | .235 | .250 | | | | | |

| Material | Description | Finish | Description |
|----------|----------------------------|--------|-------------|
| ST | Carbon Steel | Z | Zinc Clear |
| SS | 300 Series Stainless Steel | P | Passivate |

Custom sizes available.



All Dimensions are in Inches

NC - Nuts

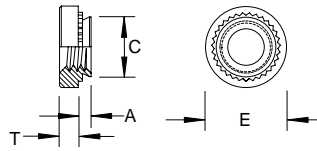
Self-Clinching

Metric

Sample Part Number

NCST - M3 - 0.77 - Z

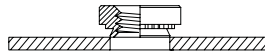
Series/ Thread Shank Finish
Material Code



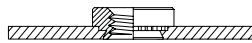
| Thread | Thread Code | A Shank MAX | Sheet Thickness MIN | Hole Size in Sheet +0.08 | C MAX | E ±0.25 | T ±0.25 | Dist. Hole C/L to Edge MIN |
|-------------|-------------|-------------|---------------------|--------------------------|-------|---------|---------|----------------------------|
| M2 x 0.4 | M2 | 0.77 | 0.8 - 1 | 4.25 | 4.22 | 6.3 | 1.5 | 4.8 |
| | | 0.97 | 1 | | | | | |
| | | 1.38 | 1.4 | | | | | |
| M2.5 x 0.45 | M2.5 | 0.77 | 0.8 - 1 | 4.25 | 4.22 | 6.3 | 1.5 | 4.8 |
| | | 0.97 | 1 | | | | | |
| | | 1.38 | 1.4 | | | | | |
| M3 x 0.5 | M3 | 0.77 | 0.8 - 1 | 4.25 | 4.22 | 6.3 | 1.5 | 4.8 |
| | | 0.97 | 1 | | | | | |
| | | 1.38 | 1.4 | | | | | |
| M3.5 x 0.6 | M3.5 | 0.77 | 0.8 - 1 | 4.75 | 4.73 | 7.1 | 1.5 | 5.6 |
| | | 0.97 | 1 | | | | | |
| | | 1.38 | 1.4 | | | | | |
| M4 x 0.7 | M4 | 0.77 | 0.8 - 1 | 5.4 | 5.38 | 7.9 | 2 | 6.9 |
| | | 0.97 | 1 | | | | | |
| | | 1.38 | 1.4 | | | | | |
| M5 x 0.8 | M5 | 0.77 | 0.8 - 1 | 6.4 | 6.38 | 8.7 | 2 | 7.1 |
| | | 0.97 | 1 | | | | | |
| | | 1.38 | 1.4 | | | | | |
| M6 x 1 | M6 | 1.15 | 1.2 | 8.75 | 8.72 | 11.05 | 4.08 | 8.6 |
| | | 1.38 | 1.4 | | | | | |
| | | 2.21 | 2.3 | | | | | |
| M8 x 1.25 | M8 | 1.38 | 1.4 | 10.5 | 10.47 | 12.65 | 5.47 | 9.7 |
| | | 2.21 | 2.3 | | | | | |
| | | 2.21 | 2.31 | | | | | |
| M10 x 1.5 | M10 | 3.05 | 3.18 | 14 | 13.97 | 17.35 | 7.48 | 13.5 |

| Material | Description | Finish | Description |
|----------|----------------------------|--------|-------------|
| ST | Carbon Steel | Z | Zinc Clear |
| SS | 300 Series Stainless Steel | P | Passivate |

Custom sizes available.



Pre Installation



Post Installation