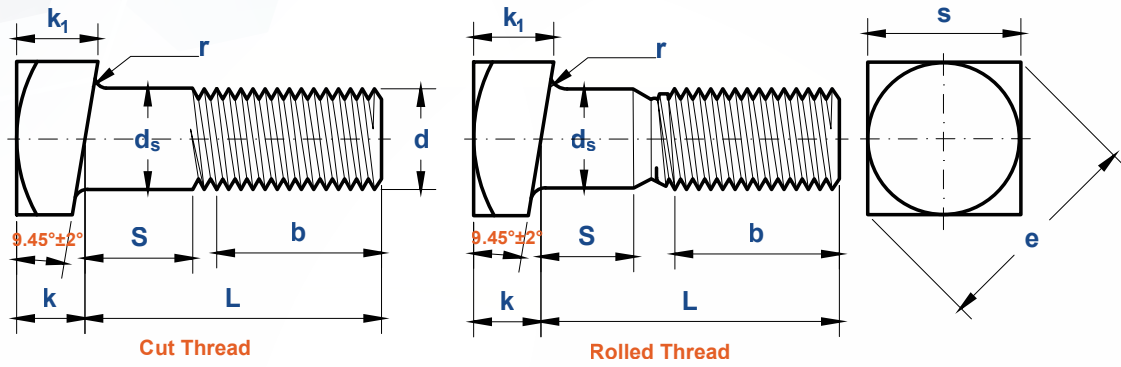




| Screw Thread<br>$d$ |            | 3/8    | 1/2    | 5/8    | 3/4    | 7/8    | 1      |
|---------------------|------------|--------|--------|--------|--------|--------|--------|
| $d$                 |            | 0.3750 | 0.5000 | 0.6250 | 0.7500 | 0.8750 | 1.0000 |
| PP                  | UNC        | 16     | 13     | 11     | 10     | 9      | 8      |
| $d_s$               | max        | 0.388  | 0.515  | 0.642  | 0.768  | 0.895  | 1.022  |
|                     | min        | 0.36   | 0.482  | 0.605  | 0.729  | 0.852  | 0.976  |
| $s$                 | Basic      | 9/16   | 3/4    | 15/16  | 1-1/8  | 1-5/16 | 1-1/2  |
|                     | max        | 0.562  | 0.75   | 0.938  | 1.125  | 1.312  | 1.5    |
|                     | min        | 0.544  | 0.725  | 0.906  | 1.088  | 1.269  | 1.45   |
| $e$                 | max        | 0.795  | 1.061  | 1.326  | 1.591  | 1.856  | 2.121  |
|                     | min        | 0.747  | 0.995  | 1.244  | 1.494  | 1.742  | 1.991  |
| $k_1$               | max        | 0.317  | 0.411  | 0.52   | 0.614  | 0.723  | 0.801  |
|                     | min        | 0.277  | 0.371  | 0.48   | 0.574  | 0.683  | 0.761  |
| $k$                 | Ref.       | 0.25   | 0.328  | 0.422  | 0.5    | 0.594  | 0.656  |
| $r$                 | max        | 0.03   | 0.03   | 0.06   | 0.06   | 0.06   | 0.09   |
|                     | min        | 0.01   | 0.01   | 0.02   | 0.02   | 0.02   | 0.03   |
| $b$                 | $L \leq 6$ | 1      | 1.25   | 1.5    | 1.75   | 2      | 2.25   |
|                     | $L > 6$    | 1.25   | 1.5    | 1.75   | 2      | 2.25   | 2.5    |