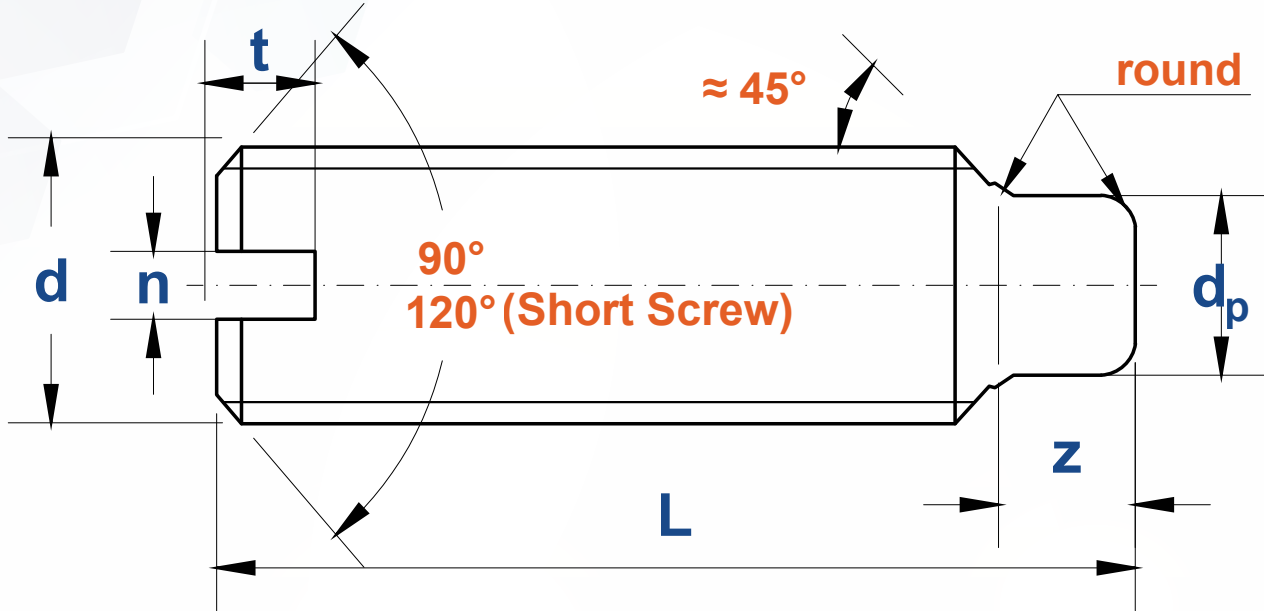




| Screw Thread<br>d |              | M1.6 | M2   | M2.5 | M3   | (M3.5) | M4   | M5   | M6   | M8   | M10  | M12  |
|-------------------|--------------|------|------|------|------|--------|------|------|------|------|------|------|
| P                 | Pitch        | 0.35 | 0.4  | 0.45 | 0.5  | 0.6    | 0.7  | 0.8  | 1    | 1.25 | 1.5  | 1.75 |
| d <sub>p</sub>    | max          | 0.8  | 1    | 1.5  | 2    | 2.2    | 2.5  | 3.5  | 4    | 5.5  | 7    | 8.5  |
|                   | min          | 0.55 | 0.75 | 1.25 | 1.75 | 1.95   | 2.25 | 3.2  | 3.7  | 5.2  | 6.64 | 8.14 |
| n                 | Nominal Size | 0.25 | 0.25 | 0.4  | 0.4  | 0.5    | 0.6  | 0.8  | 1    | 1.2  | 1.6  | 2    |
|                   | max          | 0.45 | 0.45 | 0.6  | 0.6  | 0.7    | 0.8  | 1    | 1.2  | 1.51 | 1.91 | 2.31 |
|                   | min          | 0.31 | 0.31 | 0.46 | 0.46 | 0.56   | 0.66 | 0.86 | 1.06 | 1.26 | 1.66 | 2.02 |
| t                 | max          | 0.74 | 0.84 | 0.95 | 1.05 | 1.21   | 1.42 | 1.63 | 2    | 2.5  | 3    | 3.6  |
|                   | min          | 0.56 | 0.64 | 0.72 | 0.8  | 0.96   | 1.12 | 1.28 | 1.6  | 2    | 2.4  | 2.8  |
| z                 | max          | 1.05 | 1.25 | 1.5  | 1.75 | 2      | 2.25 | 2.75 | 3.25 | 4.3  | 5.3  | 6.3  |
|                   | min          | 0.8  | 1    | 1.25 | 1.5  | 1.75   | 2    | 2.5  | 3    | 4    | 5    | 6    |
| L <sub>0</sub> ①  | Nominal Size | 2.5  | 3    | 4    | 5    | 5      | 6    | 8    | 10   | 12   | 16   | 20   |
| α                 | max          | 120° | 120° | 120° | 120° | 120°   | 120° | 120° | 120° | 120° | 120° | 120° |
|                   | min          | 90°  | 90°  | 90°  | 90°  | 90°    | 90°  | 90°  | 90°  | 90°  | 90°  | 90°  |

①, When  $L \leq L_0$ , it is a short screw; When  $L > L_0$ , it is a long screw.