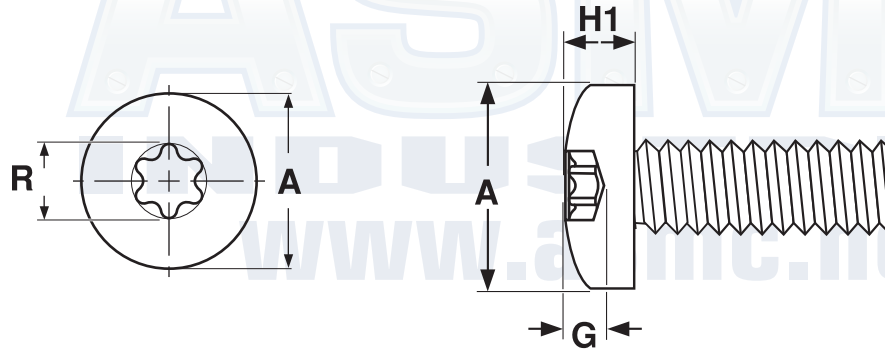
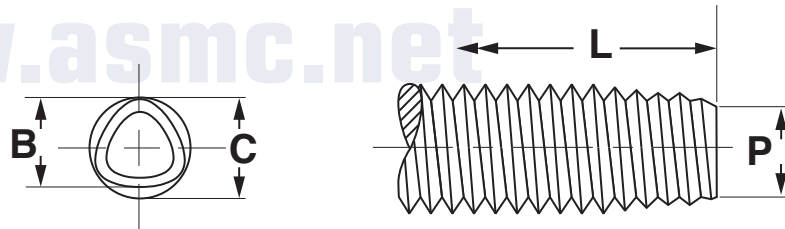


**DIN 750TX Head**  
**Dimensions per DIN 750CE** **THREAD FORMING SCREWS**



| METRIC - SIX-LOBE PAN HEAD DIN 750TX HEAD PER DIN 750CE |              |               |       |                |      |                 |                    |                            |                      |
|---|--------------|---------------|-------|----------------|------|-----------------|--------------------|----------------------------|----------------------|
| Nominal Size  | Thread Pitch | A             |       | H1             |      | R               | G                  | (Fallaway) Max Penetration | Six-Lobe Driver Size |
|   |              | Head Diameter |       | Height of Head |      | Recess Diameter | Recess Penetration |                            |                      |
|   |              | Max           | Min   | Max            | Min  | Ref             | Min                |                            |                      |
| M2  | 0.40         | 4.00          | 3.70  | 1.72           | 1.46 | 1.75            | 0.63               | 0.35                       | T6                   |
| M2.5  | 0.45         | 5.0           | 4.7   | 2.10           | 1.96 | 2.4             | 0.83               | 0.48                       | T8                   |
| M3  | 0.5          | 5.6           | 5.3   | 2.40           | 2.26 | 2.8             | 0.88               | 0.56                       | T10                  |
| M3.5  | 0.6          | 7             | 6.64  | 2.60           | 2.44 | 3.35            | 1.14               | 0.67                       | T15                  |
| M4  | 0.7          | 8.00          | 7.64  | 3.10           | 2.92 | 3.9             | 1.40               | 0.79                       | T20                  |
| M5  | 0.8          | 9.50          | 9.14  | 3.70           | 3.52 | 4.5             | 1.78               | 0.90                       | T25                  |
| M6  | 1.0          | 12            | 11.57 | 4.75           | 4.3  | 5.6             | 1.90               | 1.12                       | T30                  |



| METRIC - TRILOBULAR THREAD ROLLING SCREWS |                                   |      |                       |      |                |                       |               |      |                         |                        | DIN 7500-1              |  |
|---|-----------------------------------|------|-----------------------|------|----------------|-----------------------|---------------|------|-------------------------|------------------------|-------------------------|--|
| Nominal Size & Thread Pitch               | C                                 |      | B                     |      | P              | Test Plate Thickness  | Hole Diameter |      | Minimum Breaking Torque | Minimum Breaking Force | Maximum Screw-in Torque |  |
|   | Diameter of Circumscribing Circle |      | Major Thread Diameter |      | Point Diameter |                       | Max           | Min  | Nm                      | N                      | Nm                      |  |
|   | Max                               | Min  | Max                   | Min  | Max            |                       |               |      | Nm                      | N                      | Nm                      |  |
| M2-0.40                                   | 2.06                              | 1.98 | 1.98                  | 1.90 | 1.67           | 2.0                   | 1.825         | 1.8  | 0.4                     | 1650                   | 0.3                     |  |
| M2.5-0.45                                 | 2.55                              | 2.47 | 2.48                  | 2.38 | 2.11           | 2.5                   | 2.325         | 2.3  | 1                       | 2700                   | 0.6                     |  |
| M3-0.5                                    | 3.05                              | 2.97 | 2.95                  | 2.87 | 2.57           | 3.0                   | 2.775         | 2.75 | 1.8                     | 4000                   | 1                       |  |
| M3.5-0.6                                  | 3.58                              | 3.48 | 3.46                  | 3.36 | 3.00           | 3.5                   | 3.230         | 3.2  | 2.8                     | 5400                   | 1.6                     |  |
| M4-0.7                                    | 4.07                              | 3.99 | 3.93                  | 3.85 | 3.39           | 4.0                   | 3.680         | 3.65 | 4.1                     | 7000                   | 2.4                     |  |
| M5-0.8                                    | 5.08                              | 5.00 | 4.92                  | 4.84 | 4.30           | 5.0                   | 4.630         | 4.6  | 8.7                     | 11,400                 | 4.7                     |  |
| M6-1.0                                    | 6.10                              | 5.97 | 5.90                  | 5.77 | 5.13           | 6.0                   | 5.530         | 5.5  | 15                      | 16,000                 | 8                       |  |
| Tolerance on Length                       |                                   |      | 3-6mm: ±0.375         |      |                | over 6-10mm: ±0.45    |               |      | over 10-18mm: ±0.55     |                        |                         |  |
|   |                                   |      | over 18-30mm: ±0.65   |      |                | over 30 - 50mm: ±0.80 |               |      | over 50-80: ±0.95       |                        |                         |  |