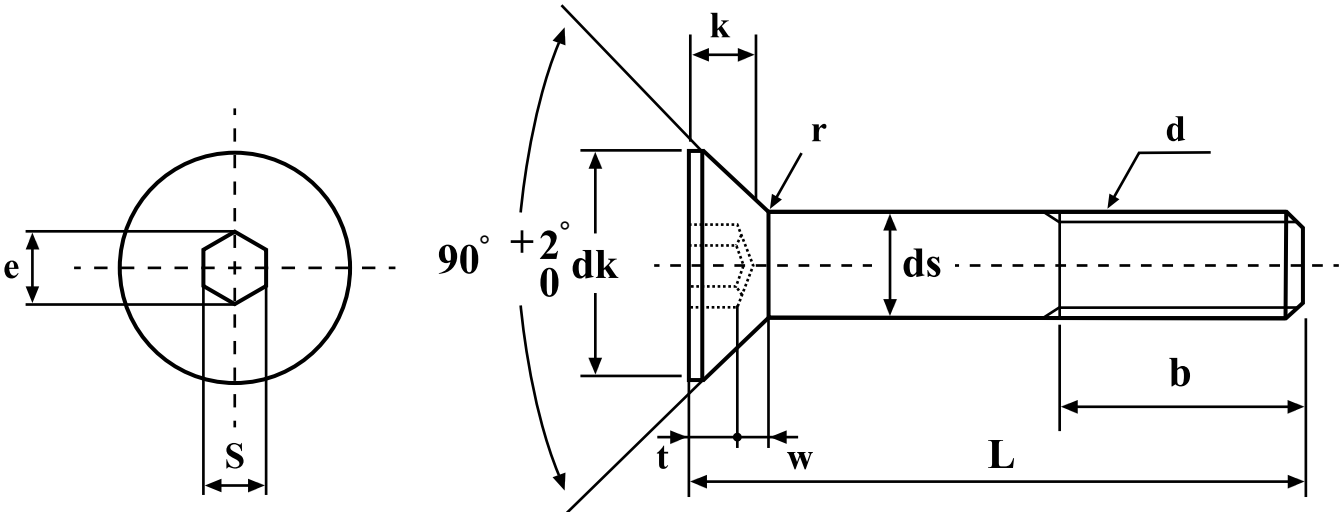


Drawing / Standard  
【Flat Head Cap Screw (Half Thread)】

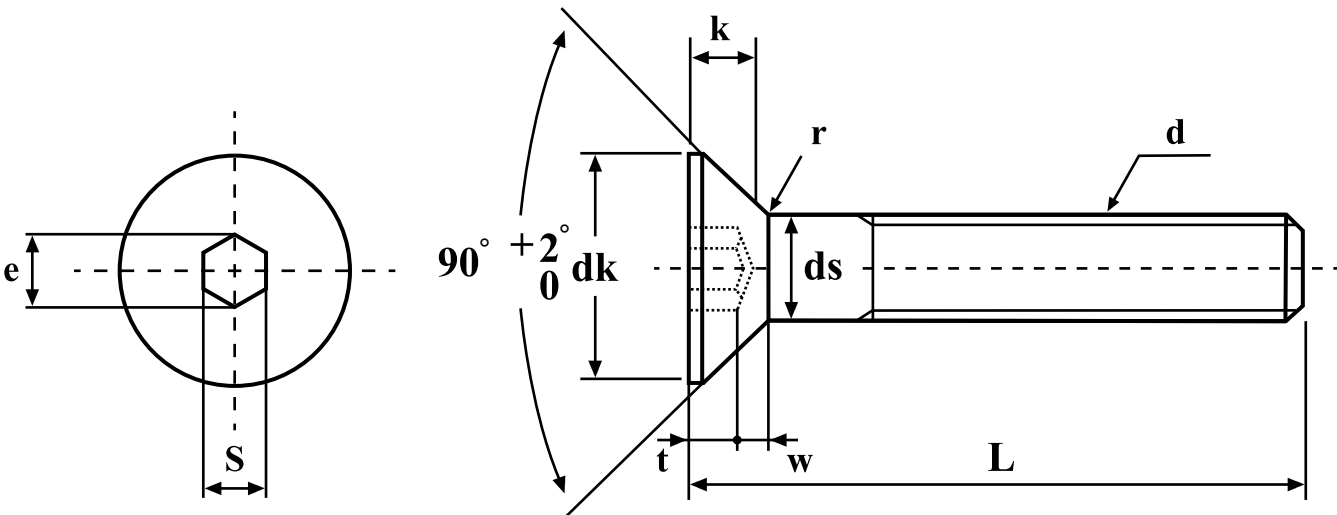


Unit : mm

| Nominal size (d) |           | M3    | M4    | M5    | M6    | M8    | M10   | M12   | M14    | M16    | M20    |
|------------------|-----------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| Pitch            |           | 0.5   | 0.7   | 0.8   | 1     | 1.25  | 1.5   | 1.75  | 2      | 2      | 2.5    |
| b                | Reference | 18    | 20    | 22    | 24    | 28    | 32    | 30    | 40     | 44     | 52     |
| dk               | Max.      | 6.72  | 8.96  | 11.20 | 13.44 | 17.92 | 22.40 | 26.88 | 30.8   | 33.60  | 40.32  |
|                  | Min.      | 5.54  | 7.53  | 9.43  | 11.34 | 15.24 | 19.22 | 23.12 | 26.52  | 29.01  | 36.05  |
| ds               | Max.      | 3.00  | 4.00  | 5.00  | 6.00  | 8.00  | 10.00 | 12.00 | 14.00  | 16.00  | 20.00  |
|                  | Min.      | 2.86  | 3.82  | 4.82  | 5.82  | 7.78  | 9.78  | 11.73 | 13.73  | 15.73  | 19.67  |
| e                | Min.      | 2.303 | 2.873 | 3.443 | 4.583 | 5.723 | 6.863 | 9.149 | 11.429 | 11.429 | 13.716 |
| k                | Max.      | 1.86  | 2.48  | 3.1   | 3.72  | 4.96  | 6.2   | 7.44  | 8.4    | 8.8    | 10.16  |
| r                | Min.      | 0.1   | 0.2   | 0.2   | 0.25  | 0.4   | 0.4   | 0.6   | 0.6    | 0.6    | 0.8    |
| s                | Max.      | 2.08  | 2.58  | 3.08  | 4.095 | 5.14  | 6.14  | 8.175 | 10.175 | 10.175 | 12.212 |
|                  | Min.      | 2.02  | 2.52  | 3.02  | 4.020 | 5.02  | 6.02  | 8.025 | 10.025 | 10.025 | 12.032 |
| t                | Min.      | 1.1   | 1.5   | 1.9   | 2.2   | 3     | 3.6   | 4.3   | 4.5    | 4.8    | 5.6    |
| w                | Min.      | 0.25  | 0.45  | 0.66  | 0.7   | 1.16  | 1.62  | 1.8   | 1.62   | 2.2    | 2.2    |

\*Dimension and tolerance may vary on each manufacturer.

Drawing / Standard  
【Flat Head Cap Screw (Full Thread)】



Unit : mm

| Nominal size (d) |      | M3    | M4    | M5    | M6    | M8    | M10   | M12   | M14    | M16    | M20    |
|------------------|------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| Pitch            |      | 0.5   | 0.7   | 0.8   | 1     | 1.25  | 1.5   | 1.75  | 2      | 2      | 2.5    |
| dk               | Max. | 6.72  | 8.96  | 11.20 | 13.44 | 17.92 | 22.40 | 26.88 | 30.8   | 33.60  | 40.32  |
|                  | Min. | 5.54  | 7.53  | 9.43  | 11.34 | 15.24 | 19.22 | 23.12 | 26.52  | 29.01  | 36.05  |
| ds               | Max. | 3.00  | 4.00  | 5.00  | 6.00  | 8.00  | 10.00 | 12.00 | 14.00  | 16.00  | 20.00  |
|                  | Min. | 2.86  | 3.82  | 4.82  | 5.82  | 7.78  | 9.78  | 11.73 | 13.73  | 15.73  | 19.67  |
| e                | Min. | 2.303 | 2.873 | 3.443 | 4.583 | 5.723 | 6.863 | 9.149 | 11.429 | 11.429 | 13.716 |
| k                | Max. | 1.86  | 2.48  | 3.1   | 3.72  | 4.96  | 6.2   | 7.44  | 8.4    | 8.8    | 10.16  |
| r                | Min. | 0.1   | 0.2   | 0.2   | 0.25  | 0.4   | 0.4   | 0.6   | 0.6    | 0.6    | 0.8    |
| s                | Max. | 2.08  | 2.58  | 3.08  | 4.095 | 5.14  | 6.14  | 8.175 | 10.175 | 10.175 | 12.212 |
|                  | Min. | 2.02  | 2.52  | 3.02  | 4.020 | 5.02  | 6.02  | 8.025 | 10.025 | 10.025 | 12.032 |
| t                | Min. | 1.1   | 1.5   | 1.9   | 2.2   | 3     | 3.6   | 4.3   | 4.5    | 4.8    | 5.6    |
| w                | Min. | 0.25  | 0.45  | 0.66  | 0.7   | 1.16  | 1.62  | 1.8   | 1.62   | 2.2    | 2.2    |