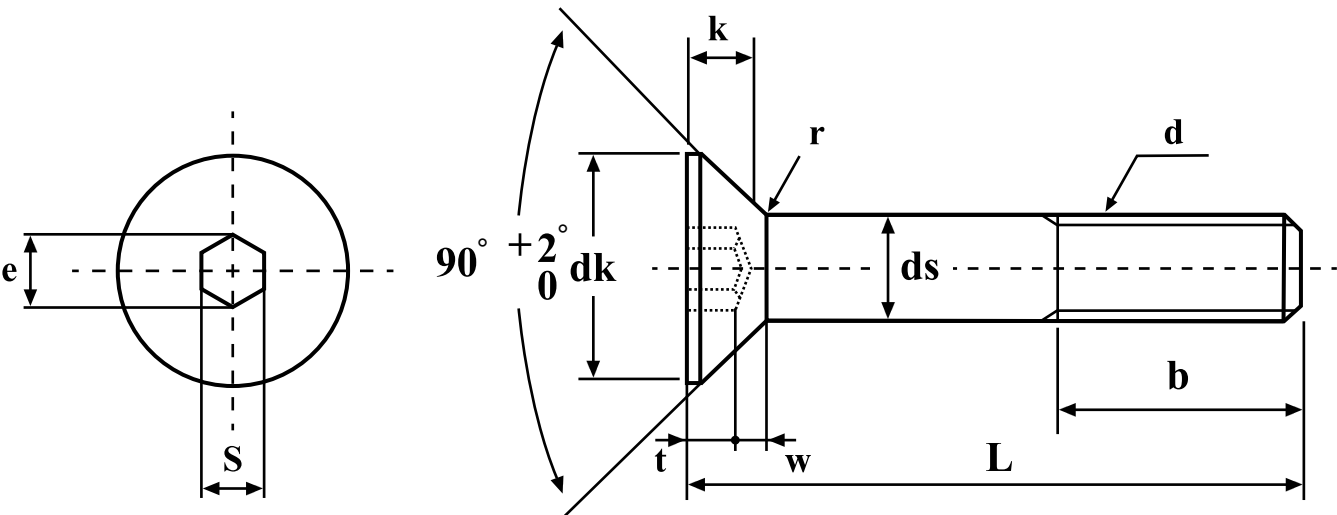


Drawing / Standard
【Flat Head Cap Screw (Half Thread)】

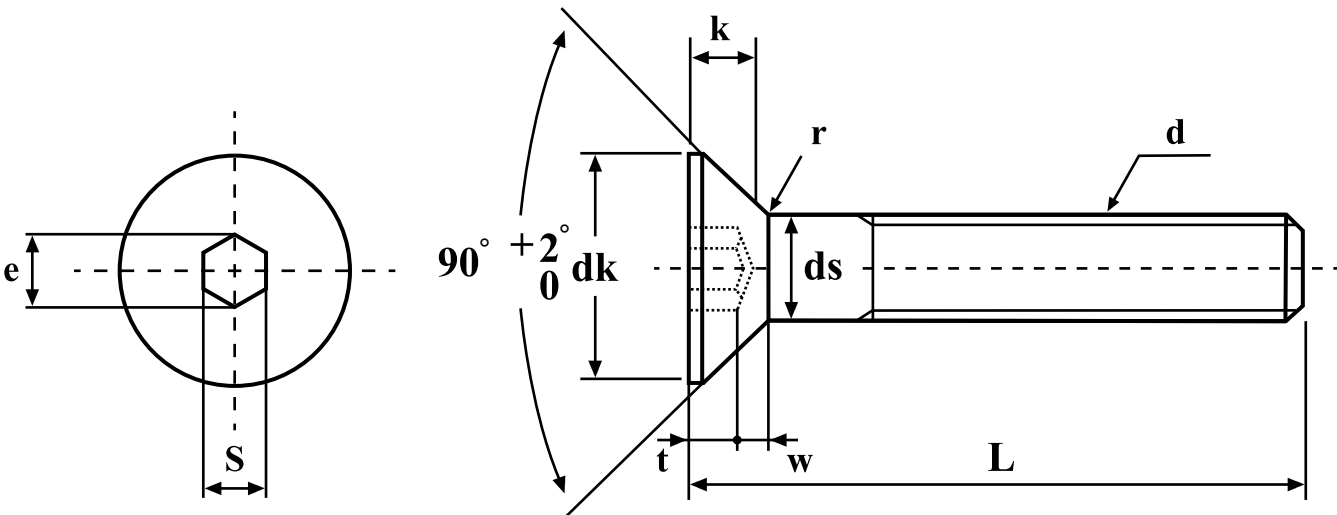


Unit : mm

| 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

| Norminal 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 |