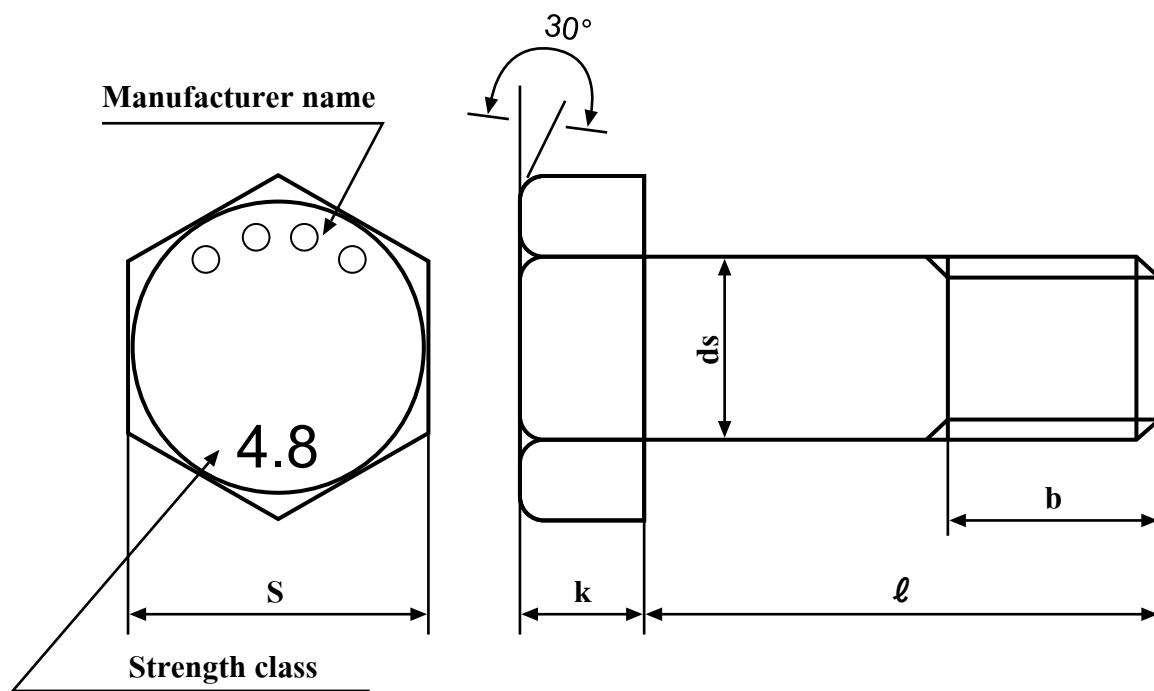


**Drawing / Standard**  
**【4.8 Hexagon bolt (Half-thread) (Fine-pitch)】**



| Nominal size (d) | Pitch | ds        |           | k         |            | S         |           |
|------------------|-------|-----------|-----------|-----------|------------|-----------|-----------|
|                  |       | Dimension | Tolerance | Dimension | Tolerance  | Dimension | Tolerance |
| M8               | 1.0   | 8         | 0         | 5.5       | $\pm 0.25$ | 13        | 0         |
| M10              | 1.25  | 10        | -0.2      | 7         | $\pm 0.3$  | 17        | -0.7      |
| M12              | 1.25  | 12        | 0         | 8         |            | 19        | 0<br>-0.8 |
| M14              | 1.5   | 14        |           | 9         |            | 22        |           |
| M16              | 1.5   | 16        |           | 10        |            | 24        |           |
| M18              | 1.5   | 18        |           | 12        | $\pm 0.35$ | 27        |           |
| M20              | 1.5   | 20        | -0.35     | 13        |            | 30        | 0<br>-1.0 |
| M22              | 1.5   | 22        |           | 14        |            | 32        |           |
| M24              | 2.0   | 24        |           | 15        |            | 36        |           |
| M27              | 2.0   | 27        |           | 17        |            | 41        |           |
| M30              | 2.0   | 30        | 0         | 19        | $\pm 0.4$  | 46        | 0<br>-1.2 |
| M33              | 2.0   | 33        |           | 21        |            | 50        |           |
| M36              | 3.0   | 36        |           | 23        |            | 55        |           |

( b is  $d \times 2 + 6$ , length > 130 is  $d \times 2 + 12$ , length > 220 is  $d \times 2 + 25$  )