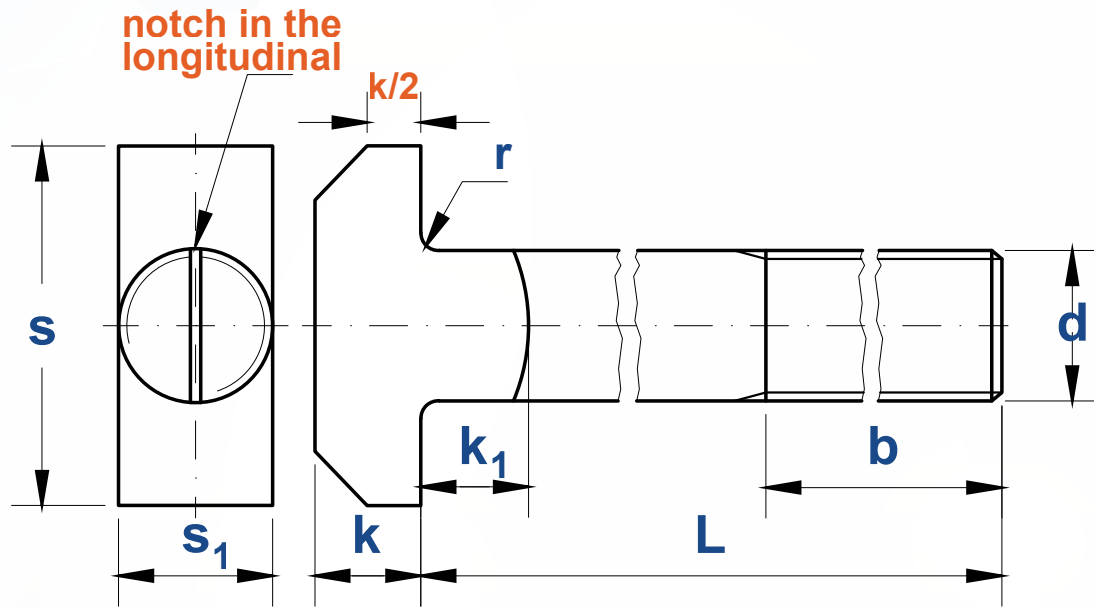




| Thread Size<br>d |                                        | M24   | M30   | M36   | M42   | M48   | M56   | M64   | M72  | M80  | M90   | M100 |
|------------------|----------------------------------------|-------|-------|-------|-------|-------|-------|-------|------|------|-------|------|
| P                | Pitch                                  | 3     | 3.5   | 4     | 4.5   | 5     | 5.5   | 6     | 6    | 6    | 6     | 6    |
| b                |                                        | 100   | 120   | 140   | 170   | 200   | 220   | 240   | 260  | 290  | 320   | 350  |
| k <sub>1</sub>   |                                        | 18    | 20    | 25    | 30    | 30    | 30    | 30    | 30   | 30   | 30    | 30   |
| k                |                                        | 18    | 22    | 25    | 30    | 35    | 40    | 50    | 55   | 60   | 70    | 75   |
| s <sub>1</sub>   |                                        | 24    | 30    | 36    | 42    | 48    | 56    | 64    | 72   | 80   | 90    | 100  |
| s                |                                        | 65    | 75    | 85    | 95    | 110   | 125   | 140   | 155  | 170  | 185   | 205  |
| r                | min                                    | 1.6   | 1.6   | 2     | 2     | 2     | 3     | 3     | 4    | 4    | 4     | 5    |
| per unit≈kg      | Head weight (size k) kg / piece        | 0.205 | 0.36  | 0.555 | 0.85  | 1.34  | 2     | 3.21  | 4.4  | 5.8  | 8.3   | 11   |
|                  | Weight per 20mm bolt length kg / piece | 0.071 | 0.111 | 0.16  | 0.218 | 0.284 | 0.386 | 0.506 | 0.64 | 0.79 | 0.998 | 1.23 |

①, Material:

a) Steel, Strength grade 5.6, d > M42 according to agreement. Standard DIN EN ISO 898-1

b) Other strength classes or materials by agreement

②, Length L must be specified separately when ordering.