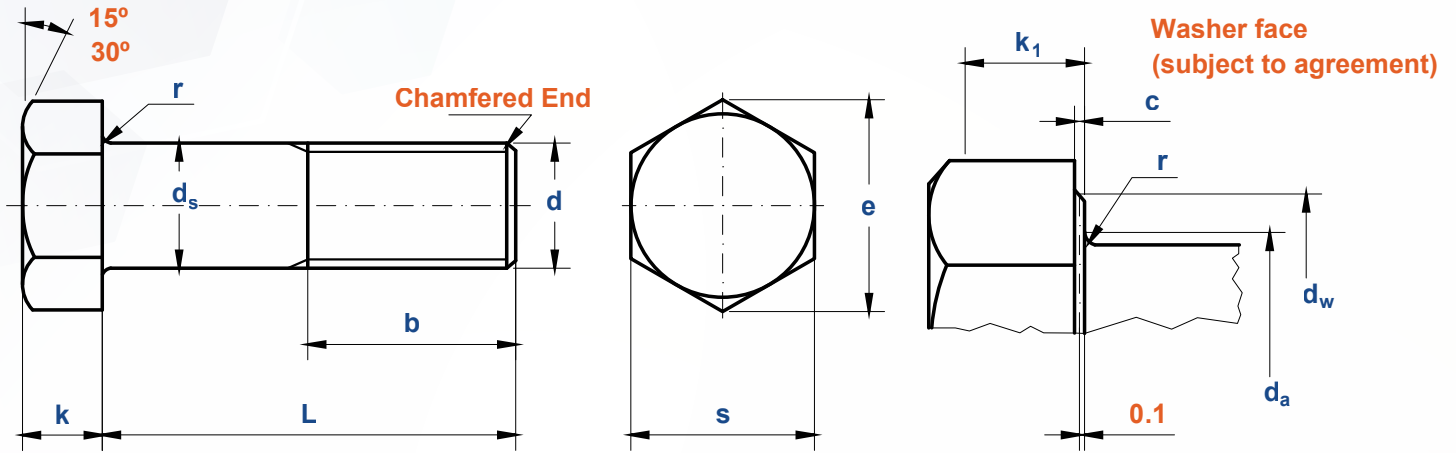




| Screw Thread<br>d |                  | (M68)  | M72    | (M76)  | M80    | M90    | M100   | M110   | M125   | M140  | M160  |
|-------------------|------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| P                 | Pitch            | 6      | 6      | 6      | 6      | 6      | 6      | 6      | 6      | 6     | 6     |
| b                 | 125 < L ≤ 200    | 148    | 156    | 164    | 172    | 192    | -      | -      | -      | -     | -     |
|                   | L > 200          | 161    | 169    | 177    | 185    | 205    | 225    | 245    | 275    | 305   | 345   |
| c                 | min              | 0.4    | 0.4    | 0.4    | 0.4    | 0.4    | 0.4    | 0.4    | 0.4    | 0.4   | 0.4   |
|                   | max              | 1      | 1      | 1      | 2      | 2      | 2      | 2      | 2      | 2     | 2     |
| d <sub>a</sub>    | max              | 75     | 79     | 83     | 87     | 97     | 107    | 117    | 132    | 147   | 167   |
| d <sub>s</sub>    | max=nominal size | 68     | 72     | 76     | 88     | 90     | 100    | 110    | 125    | 140   | 160   |
|                   | min              | 67.26  | 71.26  | 75.26  | 79.26  | 89.13  | 99.13  | 109.13 | 124    | 139   | 159   |
| d <sub>w</sub>    | min              | 92.9   | 97.7   | 102.1  | 106.9  | 121.1  | 135.4  | 144.9  | 168.6  | 185.6 | 214.1 |
| e                 | min              | 110.51 | 116.16 | 121.81 | 127.46 | 144.08 | 161.02 | 172.32 | 200.57 | 220.8 | 254.7 |
| k                 | Nominal Size     | 43     | 45     | 48     | 50     | 57     | 63     | 69     | 79     | 88    | 100   |
|                   | min              | 42.5   | 44.5   | 47.5   | 49.5   | 56.4   | 62.4   | 68.4   | 78.4   | 87.3  | 99.3  |
|                   | max              | 43.5   | 45.5   | 48.5   | 50.5   | 57.6   | 63.6   | 69.6   | 79.6   | 88.7  | 100.7 |
| k <sub>1</sub>    | min              | 29.8   | 31.2   | 33.2   | 34.6   | 40.3   | 43.7   | 47.9   | 54.9   | 61.1  | 69.5  |
| r                 | min              | 2      | 2      | 2      | 2      | 2.5    | 2.5    | 2.5    | 2.5    | 2.5   | 2.5   |
| s                 | max=nominal size | 100    | 105    | 110    | 115    | 130    | 145    | 155    | 180    | 200   | 230   |
|                   | min              | 97.8   | 102.8  | 107.8  | 112.8  | 127.5  | 142.5  | 152.5  | 177.5  | 195.4 | 225.4 |

①, Material:

Steel, mechanical properties: according to the respective material or by agreement.

Note: The marking of strength classes according to DIN EN ISO 898-1 can also be used for sizes over M39 if all mechanical properties assigned to the respective characteristic are maintained.