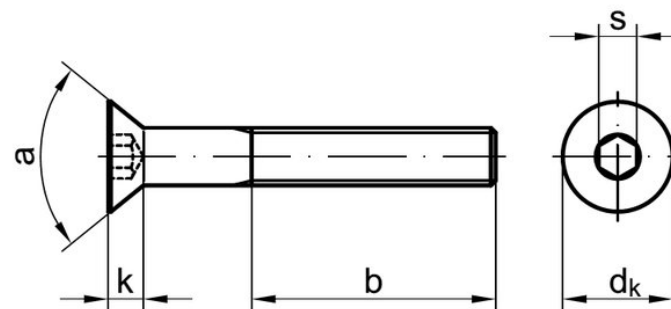


# Socket Countersunk Head Screws

## DIN 7991 / ISO 10642



| d        | M2              | M2.5 | M3  | M4  | M5  | M6  | M8  | M10 | M12 | M14 | M16 | M18 | M20 | M22  | M24 |
|----------|-----------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| a        | 90°             | 90°  | 90° | 90° | 90° | 90° | 90° | 90° | 90° | 90° | 90° | 90° | 90° | 60°  | 60° |
| k - Max. | 1.24            | 1.55 | 1.7 | 2.3 | 2.8 | 3.3 | 4.4 | 5.5 | 6.5 | 7   | 7.5 | 8   | 8.5 | 13.1 | 14  |
| b        | LENGTH OF SCREW |      |     |     |     |     |     |     |     |     |     |     |     |      |     |
| s        | 1.27            | 1.5  | 2   | 2.5 | 3   | 4   | 5   | 6   | 8   | 10  | 10  | 12  | 12  | 14   | 14  |
| dk       | 4               | 5    | 6   | 8   | 10  | 12  | 16  | 20  | 24  | 27  | 30  | 33  | 36  | 36   | 39  |

A common use is to allow the head of a **Countersunk Screw**, when placed in a hole, to sit flush with or below the surface of the surrounding material.

Due to the geometry of this type of fastener, its load carrying capability is reduced.