

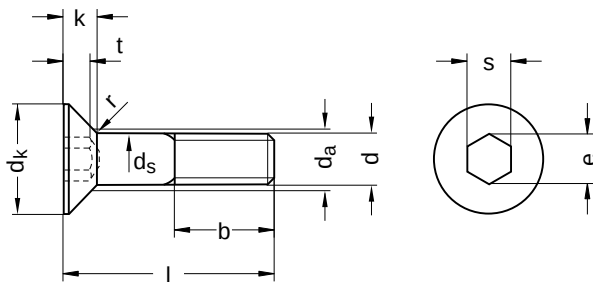
DIN 7991 similar to ISO 10642

Countersunk bolts

Hexagon socket

Stainless steel A2 | Cr(VI)-free | Metric thread

Further information: DIN-standard has been withdrawn | due to the head geometry, these screws have only a limited load bearing capacity, see DIN EN ISO 898-1



| Diameter (d) | b | | | da max. | dk | | ds | | k max. |
|-----------------|-------------|-------------|-------------------|------------|-------|------|-------|------|-----------|
| | l up to 125 | l up to 200 | l longer than 200 | | min. | max. | min. | max. | |
| M3 | 12 | - | - | 3.6 | 5.70 | 6 | 2.86 | 3 | 1.7 |
| M4 | 14 | - | - | 4.7 | 7.64 | 8 | 3.82 | 4 | 2.3 |
| M5 | 16 | - | - | 5.7 | 9.65 | 10 | 4.82 | 5 | 2.8 |
| M6 | 18 | 24 | - | 6.8 | 11.57 | 12 | 5.82 | 6 | 3.3 |
| M8 | 22 | 28 | - | 9.2 | 15.57 | 16 | 7.78 | 8 | 4.4 |
| M10 | 26 | 32 | 45 | 11.2 | 19.48 | 20 | 9.78 | 10 | 5.5 |
| M12 | 30 | 36 | 49 | 13.7 | 23.48 | 24 | 11.73 | 12 | 6.5 |
| M14 | 34 | 40 | 53 | 15.7 | 26.48 | 27 | 13.73 | 14 | 7.0 |
| M16 | 38 | 44 | 57 | 17.7 | 29.48 | 30 | 15.73 | 16 | 7.5 |
| M20 | 46 | 52 | 65 | 22.4 | 35.38 | 36 | 19.67 | 20 | 8.5 |

| Diameter (d) | e min. | r min. | nominal size | s | | Pitch (P) | t | | Tool size |
|-----------------|-----------|-----------|--------------|-------|-------|--------------|------|------|--------------|
| | | | | min. | max. | | max. | min. | |
| M3 | 2.30 | 0.10 | 2.0 | 2.02 | 2.10 | 0.50 | 1.2 | 0.95 | SW 2 |
| M4 | 2.87 | 0.20 | 2.5 | 2.52 | 2.60 | 0.70 | 1.8 | 1.55 | SW 2,5 |
| M5 | 3.44 | 0.20 | 3.0 | 3.02 | 3.10 | 0.80 | 2.3 | 2.05 | SW 3 |
| M6 | 4.58 | 0.25 | 4.0 | 4.02 | 4.12 | 1.00 | 2.5 | 2.25 | SW 4 |
| M8 | 5.72 | 0.40 | 5.0 | 5.02 | 5.14 | 1.25 | 3.5 | 3.20 | SW 5 |
| M10 | 6.86 | 0.40 | 6.0 | 6.02 | 6.14 | 1.50 | 4.4 | 4.10 | SW 6 |
| M12 | 9.15 | 0.60 | 8.0 | 8.02 | 8.18 | 1.75 | 4.6 | 4.30 | SW 8 |
| M14 | 11.43 | 0.60 | 10.0 | 10.02 | 10.18 | 2.00 | 4.8 | 4.50 | SW 10 |
| M16 | 11.43 | 0.60 | 10.0 | 10.02 | 10.18 | 2.00 | 5.3 | 5.00 | SW 10 |
| M20 | 13.72 | 0.80 | 12.0 | 12.03 | 12.21 | 2.50 | 5.9 | 5.60 | SW 12 |

All technical data refer to the measure mm



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| nominal size | Length (l) | |
|--------------|------------|-------|
| | min. | max. |
| 8 | 7.71 | 8.29 |
| 10 | 9.71 | 10.29 |
| 12 | 11.65 | 12.35 |
| 14 | 13.65 | 14.35 |
| 16 | 15.65 | 16.35 |
| 18 | 17.65 | 18.35 |
| 20 | 19.58 | 20.42 |
| 22 | 21.59 | 22.42 |
| 25 | 24.58 | 25.42 |
| 30 | 29.58 | 30.42 |

| nominal size | Length (l) | |
|--------------|------------|-------|
| | min. | max. |
| 35 | 34.50 | 35.50 |
| 40 | 39.50 | 40.50 |
| 45 | 44.50 | 45.50 |
| 50 | 49.50 | 50.50 |
| 55 | 54.40 | 55.60 |
| 60 | 59.40 | 60.60 |
| 70 | 69.40 | 70.60 |

| Diameter (d) | Length (l) | | | | | | | | | | | | | | | | |
|-----------------|------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 70 |
| M3 | ● | ● | | | ● | | | | ● | | | | | | | | |
| M4 | ● | ● | ● | | ● | ● | | | ● | ● | ● | ● | | | | | |
| M5 | ● | ● | ● | ● | ● | ● | | | ● | ● | ● | | | | | ● | |
| M6 | ● | ● | ● | ● | ● | | ● | ● | ● | ● | ● | ● | ● | | | | |
| M8 | | ● | ● | ● | ● | | ● | | ● | ● | ● | ● | ● | | | ● | |
| M10 | | | | | ● | | ● | | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| M12 | | | | | | | ● | | ● | | ● | ● | ● | ● | | ● | ● |
| M14 | | | | | | | | | | | | | | | | | ● |
| M16 | | | | | | | | | | ● | ● | | | ● | ● | ● | |
| M20 | | | | | | | | | | | | | | ● | | | |

• Combinations available in the eShop | Other sizes on request

All technical data refer to the measure mm

