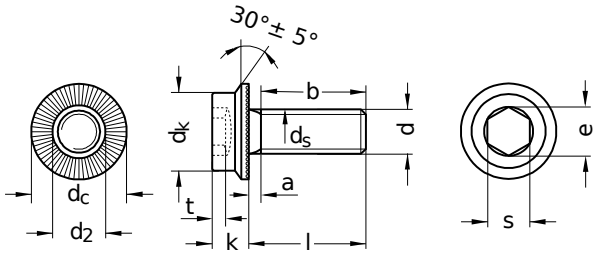
# Self-locking screws

**Cylinder head with flange and toothing | hexagon socket**

Steel | zinc-plated | Cr(VI)-free | Metric thread

Further information: Strength class 100






| Diameter (d) | Tool size | a max. | b nominal size | $d_2$ min. | $d_2$ max. | $d_c$ min. | $d_c$ max. | $d_k$ min. | $d_k$ max. |
|---|---|---|---|---|---|---|---|---|---|
| M5 | SW 4 | 2.40 | 22 | 5.7 | 5.9 | 10.0 | 11.0 | 8.5 | 9 |
| M6 | SW 5 | 3.00 | 24 | 6.8 | 7.0 | 12.5 | 13.5 | 10.0 | 11 |
| M8 | SW 6 | 3.75 | 28 | 9.2 | 9.4 | 16.0 | 17.0 | 13.0 | 14 |
| M10 | SW 8 | 4.50 | 32 | 11.2 | 11.5 | 18.5 | 19.5 | 16.0 | 17 |
| M12 | SW 10 | 5.25 | 36 | 13.7 | 14.0 | 21.5 | 22.5 | 18.0 | 19 |

| Diameter (d) | k min. | k max. | e min. | s nominal size | s min. | s max. | Pitch (P) |
|---|---|---|---|---|---|---|---|
| M5 | 4.82 | 5 | 4.58 | 4 | 4.02 | 4.10 | 0.80 |
| M6 | 5.70 | 6 | 5.72 | 5 | 5.02 | 5.14 | 1.00 |
| M8 | 7.64 | 8 | 6.86 | 6 | 6.02 | 6.14 | 1.25 |
| M10 | 9.64 | 10 | 9.15 | 8 | 8.02 | 8.18 | 1.50 |
| M12 | 11.57 | 12 | 11.43 | 10 | 10.02 | 10.18 | 1.75 |

| Length (l) nominal size | Length (l) min. | Length (l) max. |
|---|---|---|
| 10 | 9.71 | 10.29 |
| 12 | 11.65 | 12.35 |
| 16 | 15.65 | 16.35 |
| 20 | 19.58 | 20.42 |
| 25 | 24.58 | 25.42 |
| 30 | 29.58 | 30.42 |

| Length (l) nominal size | Length (l) min. | Length (l) max. |
|---|---|---|
| 35 | 34.50 | 35.50 |
| 40 | 39.50 | 40.50 |
| 45 | 44.50 | 45.50 |
| 50 | 49.50 | 50.50 |

All technical data refer to the measure mm



All technical data without obligation. Subject to technical changes and errors.

# Self-locking screws

**Cylinder head with flange and toothing | hexagon socket**

Steel | zinc-plated | Cr(VI)-free | Metric thread

| Diameter | Length (l) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| (d) | 10 | 12 | 16 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
| M5 | ● | ● | ● | ● | | | | | | |
| M6 | | ● | ● | ● | ● | ● | | | | |
| M8 | | | ● | ● | ● | ● | | ● | | |
| M10 | | | | ● | ● | ● | ● | ● | | |
| M12 | | | | | | ● | ● | ● | ● | ● |

All technical data refer to the measure mm


All technical data without obligation. Subject to technical changes and errors.