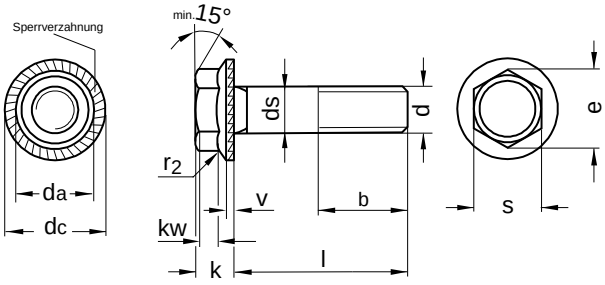
# Hexagon self-locking screws

**With flange and toothing | hexagon head**

Steel 8.8 | zinc-plated | Cr(VI)-free | Metric thread






| Diameter (d) | Tool size | b nominal size | c min. | $d_a$ nominal size | $d_c$ max. | $d_s$ nominal size | $d_s$ min. | $d_s$ max. | $d_w$ min. | k max. |
|---|---|---|---|---|---|---|---|---|---|---|
| M6 | SW 10 | 18 | 1.1 | 9 | 14.2 | 6 | 5.82 | 6 | 12.2 | 6.6 |
| M8 | SW 13 | 22 | 1.2 | 12 | 18.0 | 8 | 7.78 | 8 | 15.8 | 8.1 |
| M10 | SW 15 | 26 | 1.5 | 14 | 22.3 | 10 | 9.78 | 10 | 19.6 | 9.2 |
| M12 | SW 16 | 30 | 1.8 | 16 | 26.6 | 12 | 11.73 | 12 | 23.8 | 11.5 |

| Diameter (d) | e min. | s nominal size | s min. | s max. | Pitch (P) | kw min. | $r_2$ max. | $r_1$ min. | v | Quantity of locking teeth |
|---|---|---|---|---|---|---|---|---|---|---|
| M6 | 10.95 | 10 | 9.78 | 10 | 1.00 | 2.5 | 0.4 | 0.4 | 0.24 | 20 |
| M8 | 14.26 | 13 | 12.73 | 13 | 1.25 | 3.2 | 0.5 | 0.4 | 0.30 | 24 |
| M10 | 16.50 | 15 | 14.73 | 15 | 1.50 | 3.6 | 0.6 | 0.4 | 0.30 | 30 |
| M12 | 17.62 | 16 | 15.73 | 16 | 1.75 | 4.6 | 0.7 | 0.6 | 0.30 | 30 |

| Length (l) | | |
|---|---|---|
| nominal size | min. | max. |
| 12 | 11.58 | 12.42 |
| 16 | 15.58 | 16.42 |
| 20 | 19.58 | 20.42 |
| 25 | 24.58 | 25.42 |
| 30 | 29.58 | 30.42 |
| 40 | 39.50 | 40.50 |

All technical data refer to the measure mm


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

# Hexagon self-locking screws

**With flange and toothing | hexagon head**

Steel 8.8 | zinc-plated | Cr(VI)-free | Metric thread

| Diameter (d) | Length (l) 12 | 16 | 20 | 25 | 30 | 40 |
|---|---|---|---|---|---|---|
| M6 | ● | ● | ● | ● | | |
| M8 | | ● | ● | ● | ● | |
| M10 | | | ● | ● | ● | |
| M12 | | | | ● | ● | ● |

All technical data refer to the measure mm


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