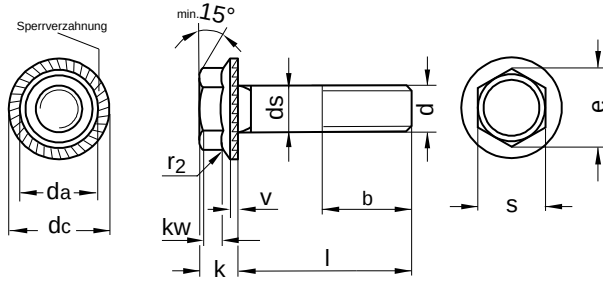


**B 53085**

**Hexagon self-locking screws**

With flange and tothing | hexagon head

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



| Diameter<br>(d) | b<br>nominal size | c<br>min. | d <sub>a</sub><br>nominal size | d <sub>c</sub><br>max. | d <sub>s</sub> |       |      | d <sub>w</sub><br>min. | k<br>max. | e<br>min. |
|-----------------|-------------------|-----------|--------------------------------|------------------------|----------------|-------|------|------------------------|-----------|-----------|
|                 |                   |           |                                |                        | nominal size   | min.  | max. |                        |           |           |
| M6              | 18                | 1.1       | 9                              | 14.2                   | 6              | 5.82  | 6    | 12.2                   | 6.6       | 10.95     |
| M8              | 22                | 1.2       | 12                             | 18.0                   | 8              | 7.78  | 8    | 15.8                   | 8.1       | 14.26     |
| M10             | 26                | 1.5       | 14                             | 22.3                   | 10             | 9.78  | 10   | 19.6                   | 9.2       | 16.50     |
| M12             | 30                | 1.8       | 16                             | 26.6                   | 12             | 11.73 | 12   | 23.8                   | 11.5      | 17.62     |

| Diameter<br>(d) | s<br>nominal size | s     |      | Pitch<br>(P) | Tool<br>size | kw<br>min. | r <sub>2</sub><br>max. | r <sub>1</sub><br>min. | v    | Quantity<br>of locking teeth |
|-----------------|-------------------|-------|------|--------------|--------------|------------|------------------------|------------------------|------|------------------------------|
|                 |                   | min.  | max. |              |              |            |                        |                        |      |                              |
| M6              | 10                | 9.78  | 10   | 1.00         | SW 10        | 2.5        | 0.4                    | 0.4                    | 0.24 | 20                           |
| M8              | 13                | 12.73 | 13   | 1.25         | SW 13        | 3.2        | 0.5                    | 0.4                    | 0.30 | 24                           |
| M10             | 15                | 14.73 | 15   | 1.50         | SW 15        | 3.6        | 0.6                    | 0.4                    | 0.30 | 30                           |
| M12             | 16                | 15.73 | 16   | 1.75         | SW 16        | 4.6        | 0.7                    | 0.6                    | 0.30 | 30                           |

| nominal size | Length (l) |       |
|--------------|------------|-------|
|              | 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



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**Hexagon self-locking screws**

With flange and tothing | hexagon head

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

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

- Combinations available in the eShop | Other sizes on request

All technical data refer to the measure mm

