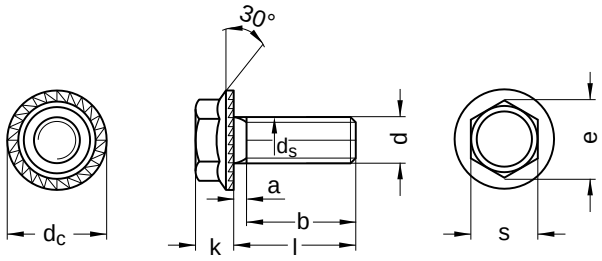
Self-locking screws

Hexagon head with flange and toothing

Steel | bright | Cr(VI)-free | Metric thread

Further information: Property class 90, from M12 Property class 100





Diameter (d)	Tool size	a max.	b l up to 125	b l up to 200	d_a max.	d_c min.	d_c max.	d_s min.	d_s max.
M5	SW 8	1.6	16	22	5.7	10.8	11.2	4.82	5
M6	SW 10	2.0	18	24	6.8	13.7	14.2	5.82	6
M8	SW 13	2.5	22	28	9.2	17.7	18.2	7.78	8
M10	SW 15	3.0	26	32	11.2	20.4	21.0	9.78	10
M12	SW 17	3.5	30	36	13.7	23.3	24.0	11.73	12
M16	SW 22	4.0	38	44	17.7	30.2	31.0	15.73	16

Diameter (d)	h_1 nominal size	h_2 min.	k min.	k max.	e min.	r min.	r max.	s min.	s max.	Pitch (P)
M5	0.20	0.17	4.0	4.3	8.87	0.20	0.35	7.78	8	0.80
M6	0.25	0.20	5.1	5.5	11.05	0.25	0.40	9.78	10	1.00
M8	0.30	0.25	6.6	7.0	14.38	0.40	0.60	12.73	13	1.25
M10	0.33	0.30	7.4	7.9	16.64	0.40	0.60	14.73	15	1.50
M12	0.33	0.30	8.2	8.7	18.90	0.60	0.85	16.73	17	1.75
M16	0.40	0.33	10.7	11.2	24.49	0.60	0.85	21.67	22	2.00

Length (l) nominal size	Length (l) min.	Length (l) 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

Length (l) nominal size	Length (l) min.	Length (l) max.
25	24.58	25.42
30	29.58	30.42
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.

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Diameter	Length (l)												
(d)	8	10	12	14	16	18	20	22	25	30	35	40	45	50
M5	●	●												
M6		●	●		●	●				●				
M8				●	●	●	●	●	●	●	●	●		
M10					●		●		●	●	●			
M12							●		●	●	●	●	●	●
M16										●	●	●		

All technical data refer to the measure mm

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