DIN 6912

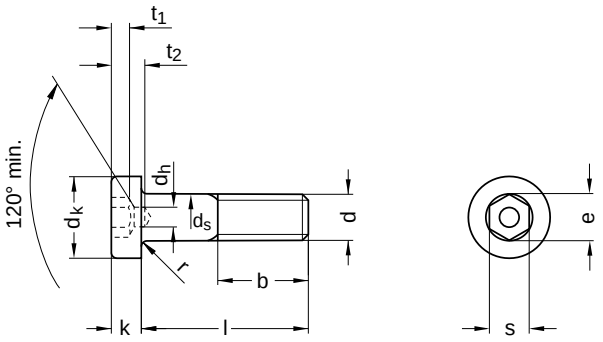
Cylinder screws

Hexagon socket with key guide | low head



Steel 08.8 | bright | Cr(VI)-free | Metric thread

Further information: Due to their head geometry, these screws are limited in their load bearing capacity, see DIN EN ISO 898-1



Diameter	Tool	b			d_h		d_k		d_s		k	
(d)	size	l up to 125	l up to 200	l longer than 200	min.	max.	min.	max.	min.	max.	min.	max.
M4	SW 3	14	–	–	2.0	2.06	6.78	7.0	3.82	4	2.66	2.8
M5	SW 4	16	–	–	2.5	2.56	8.28	8.5	4.82	5	3.32	3.5
M6	SW 5	18	–	–	3.0	3.06	9.78	10.0	5.82	6	3.82	4.0
M8	SW 6	22	–	–	4.0	4.08	12.73	13.0	7.78	8	4.82	5.0
M10	SW 8	26	32	–	5.0	5.08	15.73	16.0	9.78	10	6.28	6.5
M12	SW 10	30	36	–	6.0	6.08	17.73	18.0	11.73	12	7.28	7.5
M14	SW 12	34	40	–	7.0	7.09	20.67	21.0	13.73	14	8.28	8.5
M16	SW 14	38	44	57	8.0	8.09	23.67	24.0	15.73	16	9.78	10.0
M20	SW 17	46	52	65	10.0	10.09	29.67	30.0	19.67	20	11.73	12.0
M24	SW 19	54	60	73	12.0	12.11	35.61	36.0	23.67	24	13.73	14.0
M30	SW 22	66	72	85	15.0	15.11	44.61	45.0	29.67	30	17.23	17.5

Diameter	e	r	s			Pitch	t_2		t_1		
(d)	min.	min.	nominal size	min.	max.	(P)	min.	max.	nominal size	max.	min.
M4	3.44	0.20	3	3.02	3.10	0.70	3.3	3.60	1.6	1.72	1.48
M5	4.58	0.20	4	4.02	4.12	0.80	4.0	4.30	2.0	2.12	1.88
M6	5.72	0.25	5	5.02	5.14	1.00	5.0	5.30	2.5	2.62	2.38
M8	6.86	0.40	6	6.02	6.14	1.25	6.5	6.86	3.0	3.12	2.88
M10	9.15	0.40	8	8.02	8.18	1.50	7.5	7.86	3.5	3.65	3.35
M12	11.43	0.60	10	10.02	10.18	1.75	9.0	9.36	4.0	4.15	3.85
M14	13.72	0.60	12	12.03	12.21	2.00	10.0	10.36	4.5	4.65	4.35
M16	16.00	0.60	14	14.03	14.21	2.00	11.5	11.93	5.5	5.65	5.35
M20	19.44	0.80	17	17.05	17.23	2.50	14.0	14.43	6.5	6.68	6.23
M24	21.73	0.80	19	19.06	19.28	3.00	16.0	16.43	7.0	7.18	6.82
M30	25.15	1.00	22	22.06	22.28	3.50	19.0	19.52	9.0	9.18	8.82

All technical data refer to the measure mm

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

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

Length (l)		
nominal size	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
65	64.40	65.60
70	69.40	70.60

Length (l)		
nominal size	min.	max.
75	74.40	75.60
80	79.40	80.60
90	89.30	90.70
100	99.30	100.70
140	139.20	140.80

Diameter	Length (l)																				
(d)	10	12	14	16	18	20	25	30	35	40	45	50	55	60	65	70	75	80	90	100	140
M4	●	●		●			●	●		●											
M5	●	●	●	●	●	●	●	●		●											
M6		●	●	●	●	●	●	●	●	●		●	●		●	●					
M8		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					
M10				●		●	●	●	●	●	●	●		●		●		●	●		
M12				●		●	●	●	●	●	●	●	●	●		●	●	●	●		
M14							●	●								●					
M16						●	●	●	●	●	●	●		●		●		●	●	●	
M20								●		●	●										
M24																				●	
M30																					●

All technical data refer to the measure mm

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