DIN 7984

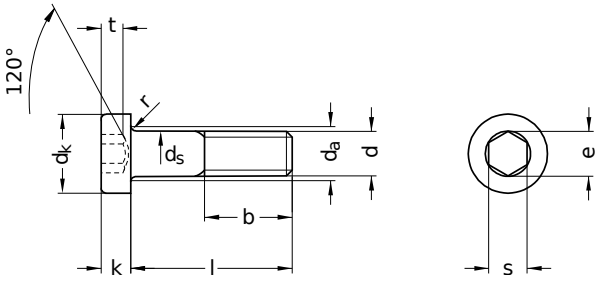
Cylinder screws

Hexagon socket | low head



Steel 08.8 | zinc-plated | 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_a	d_k		d_s		k	
(d)	size	l up to 125	l up to 200	l longer than 200	max.	min.	max.	min.	max.	min.	max.
M3	SW 2	12	–	–	3.6	5.32	5.5	2.86	3	1.86	2.0
M4	SW 2,5	14	–	–	4.7	6.78	7.0	3.82	4	2.66	2.8
M5	SW 3	16	–	–	5.7	8.28	8.5	4.82	5	3.32	3.5
M6	SW 4	18	–	–	6.8	9.78	10.0	5.82	6	3.82	4.0
M8	SW 5	22	28	–	9.2	12.73	13.0	7.78	8	4.82	5.0
M10	SW 7	26	32	–	11.2	15.73	16.0	9.78	10	5.82	6.0
M12	SW 8	30	36	–	13.7	17.73	18.0	11.73	12	6.78	7.0
M16	SW 12	38	44	57	17.7	23.67	24.0	15.73	16	8.78	9.0
M20	SW 14	46	52	65	22.4	29.67	30.0	19.67	20	10.73	11.0

Diameter	e	r	s			Pitch	t		
(d)	min.	min.	nominal size	min.	max.	(P)	nominal size	max.	min.
M3	2.30	0.10	2.0	2.02	2.10	0.50	1.5	1.62	1.38
M4	2.87	0.20	2.5	2.52	2.60	0.70	2.3	2.42	2.18
M5	3.44	0.20	3.0	3.02	3.10	0.80	2.7	2.82	2.58
M6	4.58	0.25	4.0	4.02	4.12	1.00	3.0	3.12	2.88
M8	5.72	0.40	5.0	5.02	5.12	1.25	3.8	3.95	3.65
M10	8.01	0.40	7.0	7.02	7.18	1.50	4.5	4.65	4.35
M12	9.15	0.60	8.0	8.02	8.18	1.75	5.0	5.15	4.85
M16	13.72	0.60	12.0	12.03	12.21	2.00	5.5	5.65	5.35
M20	16.00	0.80	14.0	14.03	14.21	2.50	7.5	7.68	7.32

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.
5	4.76	5.24
6	5.76	6.24
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

Length (l)		
nominal size	min.	max.
20	19.58	20.42
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
55	54.40	55.60

Length (l)		
nominal size	min.	max.
60	59.40	60.60
70	69.40	70.60
80	79.40	80.60
100	99.30	100.70

Diameter	Length (l)																			
(d)	5	6	8	10	12	14	16	18	20	25	30	35	40	45	50	55	60	70	80	100
M3	●	●	●	●	●	●	●		●											
M4		●	●	●	●	●	●		●	●	●		●							
M5			●	●	●		●		●	●	●									
M6			●	●	●		●	●	●	●	●	●	●	●	●			●		
M8					●		●	●	●	●	●	●	●	●	●	●	●	●	●	
M10							●		●	●	●	●	●	●	●		●	●		
M12									●	●	●	●	●	●	●		●	●		
M16											●	●	●	●	●					
M20												●	●		●		●			●

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