DIN 912 similar to ISO 4762

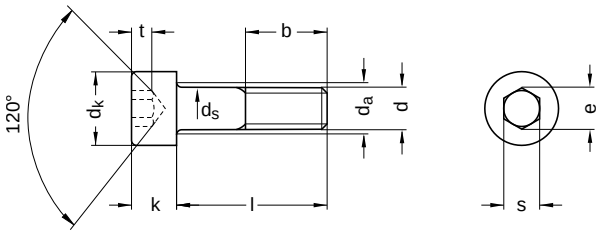
Cylinder screws

Hexagon socket



Steel 10.9 | bright | Cr(VI)-free | Metric thread

Further information: DIN-standard has been withdrawn | changed nominal lengths | the fine thread has been transferred to ISO 12474



Diameter (d)	Tool size	b nominal size	d_a max.	d_k min.	d_k max.	d_s min.	d_s max.	k min.	k max.	e min.	s nominal size	s min.	s max.	Pitch (P)	t min.
M3	SW 2,5	18	3.6	5.32	5.5	2.86	3	2.86	3	2.87	2.5	2.52	2.58	0.50	1.3
M4	SW 3	20	4.7	6.78	7.0	3.82	4	3.82	4	3.44	3.0	3.02	3.08	0.70	2.0
M5	SW 4	22	5.7	8.28	8.5	4.82	5	4.82	5	4.58	4.0	4.02	4.10	0.80	2.5
M6	SW 5	24	6.8	9.78	10.0	5.82	6	5.70	6	5.72	5.0	5.02	5.14	1.00	3.0
M8	SW 6	28	9.2	12.73	13.0	7.78	8	7.64	8	6.86	6.0	6.02	6.14	1.25	4.0
M10	SW 8	32	11.2	15.73	16.0	9.78	10	9.64	10	9.15	8.0	8.02	8.18	1.50	5.0
M12	SW 10	36	13.7	17.73	18.0	11.73	12	11.57	12	11.43	10.0	10.02	10.18	1.75	6.0
M14	SW 12	40	15.7	20.67	21.0	13.73	14	13.57	14	13.72	12.0	12.03	12.21	2.00	7.0
M16	SW 14	44	17.7	23.67	24.0	15.73	16	15.57	16	16.00	14.0	14.03	14.21	2.00	8.0
M18	SW 14	48	20.2	26.67	27.0	17.73	18	17.57	18	16.00	14.0	14.03	14.21	2.50	9.0
M20	SW 17	52	22.4	29.67	30.0	19.67	20	19.48	20	19.44	17.0	17.05	17.23	2.50	10.0
M22	SW 17	56	24.4	32.61	33.0	21.67	22	21.48	22	19.44	17.0	17.05	17.23	2.50	11.0
M24	SW 19	60	26.4	35.61	36.0	23.67	24	23.48	24	21.73	19.0	19.06	19.28	3.00	12.0
M27	SW 19	66	30.4	39.61	40.0	26.67	27	26.48	27	21.73	19.0	19.06	19.28	3.00	13.5
M30	SW 22	72	33.4	44.61	45.0	29.67	30	29.48	30	25.15	22.0	22.06	22.28	3.50	15.5
M36	SW 27	84	39.4	53.54	54.0	35.61	36	35.38	36	30.85	27.0	27.06	27.28	4.00	19.0

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Length (l)		
nominal size	min.	max.
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
20	19.58	20.42
22	21.59	22.42
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
65	64.40	65.60
70	69.40	70.60
75	74.40	75.60
80	79.40	80.60
85	84.30	85.70
90	89.30	90.70
100	99.30	100.70
105	104.30	105.70
110	109.30	110.70
115	114.30	115.70
120	119.30	120.70
125	124.20	125.80
130	129.20	130.80
135	134.20	135.80
140	139.20	140.80

Length (l)		
nominal size	min.	max.
145	144.20	145.80
150	149.20	150.80
160	159.20	160.80
170	169.20	170.80
180	179.20	180.80
190	189.10	190.90
200	199.10	200.90
210	209.10	210.90
220	219.10	220.90
230	229.10	230.90
240	239.10	240.90
250	249.10	250.90
260	258.95	261.05
280	278.95	281.05
300	298.95	301.05
310	308.95	311.05

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Diameter	Length (l)																					
(d)	6	8	10	12	14	16	18	20	22	25	30	35	40	45	50	55	60	65	70	75	80	85	90
M3	●	●	●	●	●	●		●		●													
M4	●	●	●	●		●		●	●	●	●		●	●	●			●					
M5	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●
M6			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
M8			●	●		●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●
M10						●	●	●		●	●	●	●	●	●	●	●	●	●	●	●		●
M12								●		●	●	●	●	●	●	●	●	●	●	●	●	●	●
M14										●	●	●	●	●	●	●	●	●	●	●	●		●
M16										●	●	●	●	●	●	●	●	●	●	●	●	●	●
M18											●		●		●	●	●		●		●		●
M20											●	●	●	●	●	●	●	●	●	●	●	●	●
M22																							●
M24															●	●	●	●	●	●	●		●
M27																					●		●
M30																	●		●		●		●
M36																							

Diameter	Length (l)																						
(d)	100	105	110	115	120	125	130	135	140	145	150	160	170	180	190	200	210	220	230	240	250	260	280	300	310
M3																									
M4																									
M5	●		●		●		●	●	●		●	●	●	●		●									
M6	●	●	●	●	●	●	●	●	●		●	●	●												
M8	●		●		●		●		●		●		●		●										
M10	●		●		●	●	●		●		●	●	●			●	●	●							
M12	●		●		●	●	●	●	●		●	●	●	●	●					●	●				
M14	●		●		●	●	●		●		●		●		●										
M16	●		●		●		●		●	●	●	●	●	●	●	●	●		●						
M18	●		●																						
M20	●		●		●		●		●		●	●	●	●	●	●	●	●	●	●	●				
M22																									
M24	●		●		●		●		●		●	●		●	●	●		●			●	●	●	●	●
M27											●		●			●									
M30	●		●		●		●		●		●	●	●	●		●		●		●			●	●	
M36					●				●		●	●	●	●		●		●		●		●		●	

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