DIN 6912

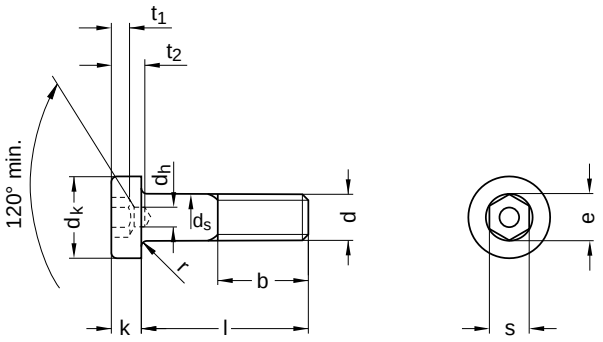
Cylinder screws

Hexagon socket with key guide | low head



Steel 10.9 | 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 (d)	Tool size	b			d_h		d_k		d_s		k	
		l up to 125	l up to 200	l longer than 200	min.	max.	min.	max.	min.	max.	min.	max.
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
M16	SW 14	38	44	57	8.0	8.09	23.67	24.0	15.73	16	9.78	10.0

Diameter (d)	e	r	s			Pitch	t_2		t_1		
	min.	min.	nominal size	min.	max.	(P)	min.	max.	nominal size	max.	min.
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
M16	16.00	0.60	14	14.03	14.21	2.00	11.5	11.93	5.5	5.65	5.35

Length (l)		
nominal size	min.	max.
12	11.65	12.35
16	15.65	16.35
20	19.58	20.42
25	24.58	25.42
30	29.58	30.42
35	34.50	35.50

Length (l)		
nominal size	min.	max.
40	39.50	40.50
45	44.50	45.50
50	49.50	50.50
60	59.40	60.60
70	69.40	70.60
80	79.40	80.60

All technical data refer to the measure mm

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

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Diameter (d)	Length (l)											
	12	16	20	25	30	35	40	45	50	60	70	80
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.