

ISO 7380-1

Round head screws

Hexagon socket

Steel 10.9 | 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. Some dimensions thread up to head.



Diameter (d)	d _a	d _k		d _s		d _w	k	
	max.	min.	max.	min.	max.	min.	min.	max.
M3	3.6	5.40	5.7	2.86	3	5.00	1.40	1.65
M4	4.7	7.24	7.6	3.82	4	6.84	1.95	2.20
M5	5.7	9.14	9.5	4.82	5	8.74	2.50	2.75
M6	6.8	10.07	10.5	5.82	6	9.57	3.00	3.30
M8	9.2	13.57	14.0	7.78	8	13.07	4.10	4.40
M10	11.2	17.07	17.5	9.78	10	16.57	5.20	5.50
M12	13.7	20.48	21.0	11.73	12	19.68	6.24	6.60
M16	17.7	27.48	28.0	15.73	16	26.68	8.44	8.80

Diameter (d)	e	r	s		Pitch (P)	t	w	Tool size	
	min.	min.	nominal size	min.					max.
M3	2.30	0.10 0.30	2.0	2.02	2.08	0.50	1.04	0.20	SW 2
M4	2.87	0.20 0.40	2.5	2.52	2.58	0.70	1.30	0.30	SW 2,5
M5	3.44	0.20 0.45	3.0	3.02	3.08	0.80	1.56	0.38	SW 3
M6	4.58	0.25 0.50	4.0	4.02	4.10	1.00	2.08	0.74	SW 4
M8	5.72	0.40 0.70	5.0	5.02	5.14	1.25	2.60	1.05	SW 5
M10	6.86	0.40 0.70	6.0	6.02	6.14	1.50	3.12	1.45	SW 6
M12	9.15	0.60 1.10	8.0	8.02	8.18	1.75	4.16	1.63	SW 8
M16	11.43	0.60	10.0	10.02	10.18	2.00	5.20	2.25	SW 10

nominal size	Length (l)	
	min.	max.
6	7.71	8.29
8	7.71	8.29
10	9.71	10.29
12	11.65	12.35
13	12.65	13.35
14	13.65	14.35
16	15.65	16.35
18	17.65	18.35
20	19.58	20.42
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nominal size	Length (l)	
	min.	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
55	54.40	55.60
60	59.40	60.60

All technical data refer to the measure mm



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Diameter (d)	Length (l)																	
	6	8	10	12	13	14	16	18	20	22	25	30	35	40	45	50	55	60
M3	●	●	●	●			●				●							
M4	●	●	●	●		●	●		●	●	●			●				
M5	●	●	●	●			●	●	●		●	●	●	●				
M6		●	●	●		●	●		●		●	●	●	●	●	●		
M8			●	●	●	●	●	●	●		●	●	●	●	●	●	●	●
M10				●			●		●		●	●	●	●	●	●		
M12									●		●	●	●	●	●	●		●
M16																●		

• Combinations available in the eShop | Other sizes on request

All technical data refer to the measure mm

