

**ISO 7380-1**  
**Round head screws**

Hexagon socket

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. Some dimensions thread up to head.



Diameter (d)	d <sub>a</sub>		d <sub>k</sub>		d <sub>s</sub>		d <sub>w</sub>		k		e	r	s			Pitch (P)	t	w	Tool size
	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	min.	nominal size	min.	max.		min.	min.		
M3	3.6	5.40	5.7	2.86	3	5.00	1.40	1.65	2.30	0.30	0.20	2.0	2.02	2.08	0.50	1.04	0.20	SW 2	
M4	4.7	7.24	7.6	3.82	4	6.84	1.95	2.20	2.87	0.40	0.40	2.5	2.52	2.58	0.70	1.30	0.30	SW 2,5	
M5	5.7	9.14	9.5	4.82	5	8.74	2.50	2.75	3.44	0.45	0.45	3.0	3.02	3.08	0.80	1.56	0.38	SW 3	
M6	6.8	10.07	10.5	5.82	6	9.57	3.00	3.30	4.58	0.50	0.25	4.0	4.02	4.10	1.00	2.08	0.74	SW 4	
M8	9.2	13.57	14.0	7.78	8	13.07	4.10	4.40	5.72	0.70	0.40	5.0	5.02	5.14	1.25	2.60	1.05	SW 5	
M10	11.2	17.07	17.5	9.78	10	16.57	5.20	5.50	6.86	0.70	0.40	6.0	6.02	6.14	1.50	3.12	1.45	SW 6	
M12	14.2	20.48	21.0	11.73	12	19.68	6.24	6.60	9.15	1.10	0.60	8.0	8.02	8.18	1.75	4.16	1.63	SW 8	

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
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

nominal size	Length (l)	
	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
75	-	-
80	79.40	80.60

Diameter (d)	Length (l)																	
	6	8	10	12	14	16	18	20	25	30	35	40	45	50	55	60	75	80
M3	●	●	●	●		●	●	●										
M4	●	●	●	●		●		●	●	●								
M5	●	●	●	●		●		●	●	●								
M6	●	●	●	●	●	●		●	●	●	●	●	●	●	●			
M8				●	●	●		●	●	●	●	●	●	●				
M10						●		●	●	●	●	●	●	●			●	●
M12								●	●	●	●	●	●	●	●	●		

• Combinations available in the eShop | Other sizes on request

All technical data refer to the measure mm

