ISO 7380-2

Half-round screws

Hexagon socket



Steel 10.9 | zinc-plated | Cr(VI)-free | Metric thread

Further information: Due to the head geometry, the load capacity of these screws is limited, see DIN EN ISO 898-1. Some dimensions are provided from thread to head.

Diameter	Tool	c		d_a	d_c		d_k		d_s		d_w
(d)	size	min.	max.	max.	min.	max.	min.	max.	min.	max.	min.
M4	SW 2,5	0.65	0.8	4.7	8.82	9.4	6.84	7.2	3.82	4	7.94
M5	SW 3	0.80	1.0	5.7	11.10	11.8	8.44	8.8	4.82	5	9.99
M6	SW 4	1.00	1.2	6.8	12.90	13.6	9.60	10.0	5.82	6	12.20
M8	SW 5	1.25	1.5	9.2	17.10	17.8	12.77	13.2	7.78	8	15.39
M10	SW 6	1.70	2.0	11.2	21.06	21.9	16.10	16.5	9.78	10	18.95

Diameter	k		e	r	s			Pitch	t		w
(d)	min.	max.	min.	min.	nominal size	min.	max.	(P)	max.	min.	min.
M4	1.95	2.20	2.87	0.40	2.5	2.52	2.58	0.70	–	1.30	0.30
M5	2.50	2.75	3.44	0.20 0.45	3.0	3.02	3.08	0.80	2.12	1.56	0.38
M6	3.00	3.30	4.58	0.25 0.50	4.0	4.02	4.10	1.00	2.26	2.08	0.74
M8	4.10	4.40	5.72	0.40 0.70	5.0	5.02	5.14	1.25	3.05	2.60	1.05
M10	5.20	5.50	6.86	0.40 0.70	6.0	6.02	6.14	1.50	3.75	3.12	1.45

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
20	19.58	20.42
25	24.58	25.42

Length (l)		
nominal size	min.	max.
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
60	59.40	60.60

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

All technical data refer to the measure mm

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