ISO 7380-1

Half-round screws

Hexagon socket



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

Note: 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	d_a	d_k		d_s		d_w	k	
(d)	size	max.	min.	max.	min.	max.	min.	min.	max.
M3	SW 2	3.6	5.40	5.7	2.86	3	4.97	1.40	1.65
M4	SW 2,5	4.7	7.24	7.6	3.82	4	6.66	1.95	2.20
M5	SW 3	5.7	9.14	9.5	4.82	5	8.41	2.50	2.75
M6	SW 4	6.8	10.07	10.5	5.82	6	9.26	3.00	3.30
M8	SW 5	9.2	13.57	14.0	7.78	8	12.48	4.10	4.40
M10	SW 6	11.2	17.07	17.5	9.78	10	15.70	5.20	5.50
M12	SW 8	13.7	20.48	21.0	11.73	12	18.84	6.24	6.60

Diameter	e	r	s			Pitch	t		w
(d)	min.	min.	nominal size	min.	max.	(P)	max.	min.	min.
M3	2.30	0.30	2.0	2.02	2.08	0.50	1.20	1.04	0.20
M4	2.87	0.20 0.40	2.5	2.52	2.58	0.70	1.65	1.30	0.30
M5	3.44	0.20 0.45	3.0	3.02	3.08	0.80	2.12	1.56	0.38
M6	4.58	0.25 0.50	4.0	4.02	4.10	1.00	2.26	2.08	0.74
M8	5.72	0.40 0.70	5.0	5.02	5.14	1.25	3.05	2.60	1.05
M10	6.86	0.40 0.70	6.0	6.02	6.14	1.50	3.75	3.12	1.45
M12	9.15	0.60 1.10	8.0	8.02	8.18	1.75	4.61	4.16	1.63

Length (l)		
nominal size	min.	max.
6	5.75	6.25
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
55	54.40	55.60

All technical data refer to the measure mm

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

ISO 7380-1

Half-round screws

Hexagon socket

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

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

All technical data refer to the measure mm

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