ISO 7380-1

Half-round screws

Hexagon socket

Steel 10.9 | zinc-plated | 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 (d)	Tool size	d_a max.	d_k min.	d_k max.	d_s min.	d_s max.	d_w min.	k min.	k 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 (d)	e min.	r min.	s nominal size	s min.	s max.	Pitch (P)	t max.	t min.	w min.
M3	2.30	0.10 0.30	2.0	2.02	2.08	0.50	1.20	1.04	0.20
M4	2.87	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	1.10	8.0	8.02	8.18	1.75	4.61	4.16	1.63

Length (l) nominal size	Length (l) min.	Length (l) max.	Length (l) nominal size	Length (l) min.	Length (l) max.
6	5.75	6.25	25	24.58	25.42
8	7.71	8.29	30	29.58	30.42
10	9.71	10.29	35	34.50	35.50
12	11.65	12.35	40	39.50	40.50
14	13.65	14.35	45	44.50	45.50
16	15.65	16.35	50	49.50	50.50
18	17.65	18.35	55	54.40	55.60
20	19.58	20.42	60	59.40	60.60

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

Diameter	Length (l)														
(d)	6	8	10	12	14	16	18	20	25	30	35	40	45	50	55	60
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.