ISO 10642 similar to DIN 7991

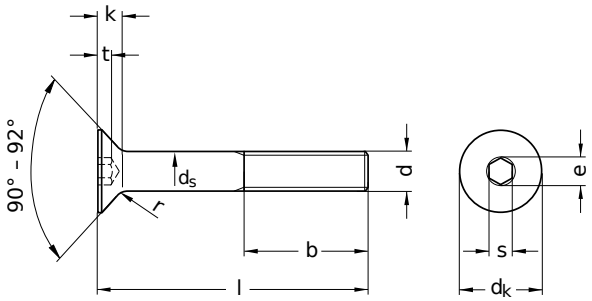
Countersunk bolts

Hexagon socket



Steel 8.8 | zinc-plated, thick-film passivated (VZD) | Cr(VI)-free | Metric thread

Further information: the head height and head diameter have been partly changed | due to the head geometry, these screws have only a limited load bearing capacity, see DIN EN ISO 898-1



Diameter (d)	Tool size	b nominal size	d_k min.	d_k max.	d_s min.	d_s max.	k min.	k max.	e min.	r min.	s nominal size	s min.	s max.	Pitch (P)	t min.
M4	SW 2,5	20	7.53	8.96	3.82	4	2.12	2.48	2.87	0.20	2.5	2.52	2.58	0.70	1.5
M5	SW 3	22	9.43	11.20	4.82	5	2.67	3.10	3.44	0.20	3.0	3.02	3.08	0.80	1.9
M6	SW 4	24	11.34	13.44	5.82	6	3.22	3.72	4.58	0.25	4.0	4.02	4.10	1.00	2.2
M8	SW 5	28	15.24	17.92	7.78	8	4.37	4.96	5.72	0.40	5.0	5.02	5.14	1.25	3.0
M10	SW 6	32	19.22	22.40	9.78	10	5.56	6.20	6.86	0.40	6.0	6.02	6.14	1.50	3.6

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
16	15.65	16.35
20	19.58	20.42

Length (l)		
nominal size	min.	max.
25	24.58	25.42
30	29.58	30.42
35	34.50	35.50
40	39.50	40.50

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

All technical data refer to the measure mm

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