

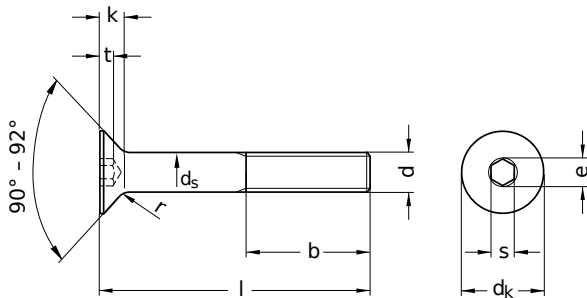
ISO 10642 similar to DIN 7991

Countersunk bolts

Hexagon socket

Stainless steel A2 | 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)	b nominal size	d _k		d _s		k	
		min.	max.	min.	max.	min.	max.
M3	18	5.54	6.72	2.86	3	1.52	1.86
M4	20	7.53	8.96	3.82	4	2.12	2.48
M5	22	9.43	11.20	4.82	5	2.67	3.10
M6	24	11.34	13.44	5.82	6	3.22	3.72
M8	28	15.24	17.92	7.78	8	4.37	4.96
M10	32	19.22	22.40	9.78	10	5.56	6.20
M12	36	23.12	26.88	11.73	12	6.71	7.44
M14	42	26.52	30.80	13.73	14	7.59	8.40
M16	48	29.01	33.60	15.73	16	7.87	8.80
M20	60	35.40	40.32	19.67	20	9.04	10.16

Diameter (d)	e min.	r min.	s nominal size	s		Pitch (P)	t min.	Tool size
				min.	max.			
M3	2.30	0.10	2.0	2.02	2.08	0.50	1.10	SW 2
M4	2.87	0.20	2.5	2.52	2.58	0.70	1.40	SW 2,5
M5	3.44	0.20	3.0	3.02	3.08	0.80	1.75	SW 3
M6	4.58	0.25	4.0	4.02	4.10	1.00	2.20	SW 4
M8	5.72	0.40	5.0	5.02	5.14	1.25	2.90	SW 5
M10	6.86	0.40	6.0	6.02	6.14	1.50	3.50	SW 6
M12	9.15	0.60	8.0	8.02	8.18	1.75	4.30	SW 8
M14	11.43	0.60	10.0	10.02	10.18	2.00	4.50	SW 10
M16	11.43	0.60	10.0	10.02	10.18	2.00	4.80	SW 10
M20	13.72	0.80	12.0	12.03	12.21	2.50	5.60	SW 12

All technical data refer to the measure mm



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nominal size	Length (l)	
	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
18	17.65	18.35
20	19.58	20.42
22	21.58	22.42
25	24.58	25.42

nominal size	Length (l)	
	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
60	59.40	60.60
70	69.40	70.60
80	79.40	80.60
90	89.30	90.70

nominal size	Length (l)	
	min.	max.
100	99.30	100.70
110	109.30	110.70
120	119.30	120.70
130	129.20	130.80
140	139.20	140.80

Diameter (d)	Length (l)																									
	6	8	10	12	14	16	18	20	22	25	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140	
M3	●	●	●	●	●	●	●	●		●	●															
M4	●	●	●	●	●	●	●	●		●	●	●	●													
M5		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●									
M6		●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●								
M8				●	●	●	●	●		●	●	●	●	●	●	●	●	●	●			●				
M10						●		●		●	●	●	●	●	●	●	●	●	●	●	●	●				
M12								●		●	●	●	●	●	●	●	●	●	●	●	●	●				
M14										●	●	●	●	●	●	●	●	●	●	●	●	●				
M16										●	●	●	●	●	●	●	●	●	●	●	●	●		●		
M20													●	●	●	●	●	●	●	●	●	●	●	●	●	●

● Combinations available in the eShop | Other sizes on request

All technical data refer to the measure mm

