

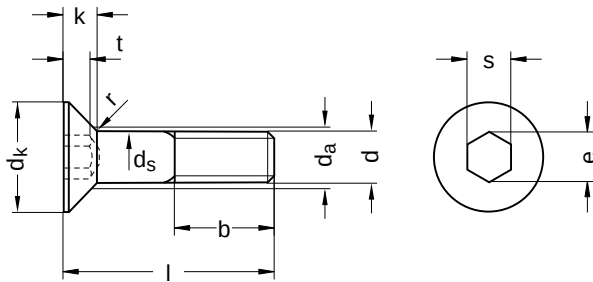
DIN 7991 similar to ISO 10642

Countersunk bolts

Hexagon socket

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

Further information: DIN-standard has been withdrawn | due to the head geometry, these screws have only a limited load bearing capacity, see DIN EN ISO 898-1



Diameter (d)	b			da max.	dk		ds		k max.
	l up to 125	l up to 200	l longer than 200		min.	max.	min.	max.	
M3	12	-	-	3.6	5.70	6	2.86	3	1.7
M4	14	-	-	4.7	7.64	8	3.82	4	2.3
M5	16	-	-	5.7	9.64	10	4.82	5	2.8
M6	18	24	-	6.8	11.57	12	5.82	6	3.3
M8	22	28	-	9.2	15.57	16	7.78	8	4.4
M10	26	32	45	11.2	19.48	20	9.78	10	5.5
M12	30	36	49	13.7	23.48	24	11.73	12	6.5
M16	38	44	57	17.7	29.48	30	15.73	16	7.5

Diameter (d)	e min.	r min.	s nominal size	s		Pitch (P)	t		Tool size
				min.	max.		max.	min.	
M3	2.30	0.10	2.0	2.05	2.10	0.50	1.2	0.95	SW 2
M4	2.87	0.20	2.5	2.52	2.60	0.70	1.8	1.55	SW 2,5
M5	3.44	0.20	3.0	3.02	3.10	0.80	2.3	2.05	SW 3
M6	4.58	0.25	4.0	4.02	4.12	1.00	2.5	2.25	SW 4
M8	5.72	0.40	5.0	5.02	5.14	1.25	3.5	3.20	SW 5
M10	6.86	0.40	6.0	6.02	6.14	1.50	4.4	4.10	SW 6
M12	9.15	0.60	8.0	8.02	8.18	1.75	4.6	4.30	SW 8
M16	11.43	0.60	10.0	10.02	10.18	2.00	5.3	5.00	SW 10

All technical data refer to the measure mm



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nominal size	Length (l)	
	min.	max.
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

nominal size	Length (l)	
	min.	max.
25	24.58	25.42
30	29.58	30.42
35	34.50	35.50
40	39.50	40.50
50	49.50	50.50
60	59.40	60.60
70	69.40	70.60

Diameter (d)	Length (l)														
	8	10	12	14	16	18	20	22	25	30	35	40	50	60	70
M3	●	●			●		●								
M4	●	●	●	●	●		●		●						
M5	●	●	●	●	●	●	●		●	●	●	●			
M6	●	●	●	●	●		●	●	●	●	●	●			
M8		●	●		●		●		●	●	●	●			●
M10					●		●		●	●			●		
M12							●		●	●	●	●	●	●	
M16										●		●		●	●

• Combinations available in the eShop | Other sizes on request

All technical data refer to the measure mm

