

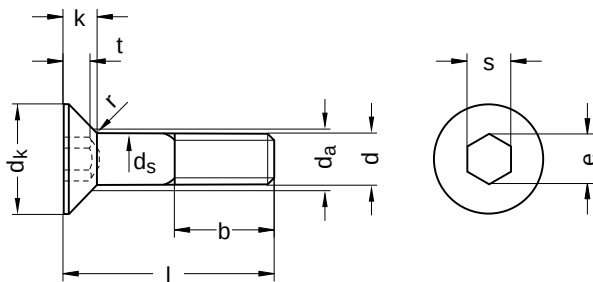
DIN 7991 similar to ISO 10642

Countersunk bolts

Hexagon socket

Steel 10.9 | bright | 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Further information: DIN-standard has been withdrawn | due to the head geometry, these screws have only a limited load bearing capacity, see DIN EN ISO 898-1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
M18	42	48	61	20.2	32.38	33	17.73	18	8.0
M20	46	52	65	22.4	35.38	36	19.67	20	8.5
M24	54	60	73	26.4	38.38	39	23.67	24	14.0

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
M18	13.72	0.80	12.0	12.03	12.21	2.50	5.5	5.20	SW 12
M20	13.72	0.80	12.0	12.03	12.21	2.50	5.9	5.60	SW 12
M24	16.00	1.60	14.0	14.03	14.21	3.00	10.3	9.87	SW 14

All technical data refer to the measure mm



DIN 7991 similar to ISO 10642

Countersunk bolts

Hexagon socket

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

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

nominal size	Length (l)	
	min.	max.
22	21.58	22.42
25	24.58	25.42
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

nominal size	Length (l)	
	min.	max.
60	59.40	60.60
65	64.40	65.60
70	69.40	70.60
80	79.40	80.60
90	89.30	90.70
100	99.30	100.70

Diameter (d)	Length (l)																						
	6	8	10	12	14	16	18	20	22	25	30	35	40	45	50	55	60	65	70	80	90	100	
M3	●	●	●	●		●		●		●													
M4	●	●	●	●	●	●	●	●	●	●	●	●	●	●									
M5		●	●	●	●	●	●	●	●	●	●	●	●	●	●								
M6		●	●	●	●	●	●	●	●	●	●	●	●	●	●					●	●		
M8			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●						
M10				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
M12								●		●	●	●	●	●	●	●	●	●	●				
M16											●	●	●	●	●	●	●	●	●	●			
M18																	●						
M20												●	●	●	●	●	●			●	●	●	●
M24															●	●	●			●	●	●	●

• Combinations available in the eShop | Other sizes on request

All technical data refer to the measure mm

