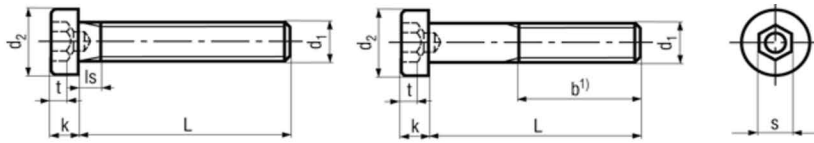
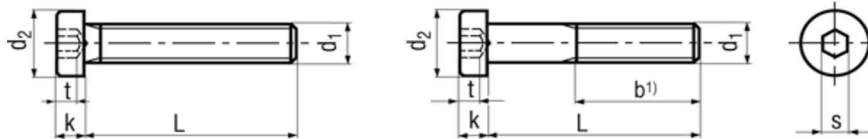


LOW HEAD SOCKET HEAD CAP SCREWS WITH PILOT RECESS - DIN 6912



Thread Size d1		M4	M5	M6	M8	M10	M12	(M14)	M16	(M18)	M20	(M22)	M24	(M27)	M30	(M33)	M36
Thread Pitch		0.7	0.8	1	1.25	1.5	1.75	2	2	2.5	2.5	2.5	3	3	3.5	3.5	4
Shank Length min. ls		1.4	1.8	2.5	3.2	3.5	4.2	4.5	5.0	5.5	6.5	6.5	7.0	8.0	8.5	9.5	10.5
Thread Length b1 (min.)	For Lengths ≤125mm	14	16	18	22	26	30	34	38	42	46	50	54	60	66	72	78
	For Lengths >125mm≤200mm					32	36	40	44	48	52	56	60	66	72	78	84
	For Lengths >200 mm								57	61	65	69	73	79	85	91	97
Head Dia. d2	min.	6.78	8.28	9.78	12.73	15.73	17.73	20.67	23.67	26.67	29.67	32.61	35.61	39.61	44.61	49.61	53.54
	max. = nominal	7.00	8.50	10.00	13.00	16.00	18.00	21.00	24.00	27.00	30.00	33.00	36.00	40.00	45.00	50.00	54.00
Head Height k	min.	2.66	3.32	3.82	4.82	6.28	7.28	8.28	9.78	10.73	11.73	12.73	13.73	15.73	17.23	19.17	21.17
	max. = nominal	2.80	3.50	4.00	5.00	6.50	7.50	8.50	10.00	11.00	12.00	13.00	14.00	16.00	17.50	19.50	21.50
Key Size s	Nominal Size	3	4	5	6	8	10	12	14	14	17	17	19	19	22	24	27
	min.	3.020	4.020	5.020	6.020	8.025	10.025	12.032	14.032	14.032	17.050	17.050	19.065	19.065	22.065	24.065	27.065
	max.	3.100	4.120	5.140	6.140	8.175	10.175	12.212	14.212	14.212	17.230	17.230	19.275	19.275	22.275	24.275	27.275
Key Engagement t	min.	1.48	1.88	2.38	2.88	3.35	3.85	4.35	5.35	5.85	6.32	6.82	6.82	8.32	8.82	9.82	11.28
	max.	1.72	2.12	2.62	3.12	3.65	4.15	4.65	5.65	6.15	6.68	7.18	7.18	8.68	9.18	10.18	11.72

LOW HEAD SOCKET HEAD CAP SCREWS - DIN 7984



Thread Size d1		M3	M4	M5	M6	M8	M10	M12	(M14)	M16	(M18)	M20	(M22)	M24	25	24.580	25.420	
Thread Pitch		0.5	0.7	0.8	1	1.25	1.5	1.75	2	2	2.5	2.5	2.5	3	(28)	27.580	28.420	
Thread Length b1 (min.)	For Lengths ≤125mm	12	14	16	18	22	26	30	34	38	42	46	50	54	30	29.580	30.420	
	For Lengths >125mm≤200mm					28	32	36	40	44	48	52	56	60	35	34.500	35.500	
	For Lengths >200 mm										57	61	65	69	73	40	39.500	40.500
																45	44.500	45.500
Head Dia. d2	min.	5.32	6.78	8.28	9.78	12.73	15.73	17.73	20.67	23.67	26.67	29.67	32.61	35.61	60	59.400	60.600	
	max. = nominal	5.50	7.00	8.50	10.00	13.00	16.00	18.00	21.00	24.00	27.00	30.00	33.00	36.00	65	64.400	65.600	
Head Height k	min.	1.86	2.66	3.32	3.82	4.82	5.82	6.78	7.78	8.78	9.78	10.73	11.73	12.73	70	69.400	70.600	
	max. = nominal	2.00	2.80	3.50	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	(75)	74.400	75.600	
Key Size s	Nominal Size	2	2.5	3	4	5	7	8	10	12	12	14	14	17	80	79.400	80.600	
	min.	2.020	2.520	3.020	4.020	5.020	7.025	8.025	10.025	12.032	12.032	14.032	14.032	17.050	(85)	84.300	85.700	
	max.	2.100	2.600	3.100	4.120	5.140	7.175	8.175	10.175	12.212	12.212	14.212	14.212	17.230	90	89.300	90.700	
Key Engagement t	min.	1.38	2.18	2.58	2.88	3.65	4.35	4.85	5.15	5.35	6.32	7.32	7.82	7.82	(95)	94.300	95.700	
	max.	1.62	2.42	2.82	3.12	3.95	4.65	5.15	5.45	5.65	6.68	7.68	8.18	8.18	100	99.300	100.700	

Diameters & Lengths With () are not recommended for new design.

Property Class	Steel	Stainless Steel
	8.8	A2 & A4
Finish	Furnace Black	Plain
Thread Tolerance	6g	6g

DIN 6912
DIN 7984
Neither of these designs are intended for high strength applications.

DIN 7984 Standard only covers through 100mm long.

DIN 6912 / 7984		
Nominal Length L	Length Tolerance	
	min.	max.
5	4.760	5.240
6	5.760	6.240
8	7.710	8.290
10	9.710	10.290
12	11.650	12.350
(14)	13.650	14.350
16	15.650	16.350
(18)	17.650	18.350
20	19.580	20.420
(22)	21.580	22.420
110	109.300	110.700
120	119.300	120.700
130	129.200	130.800
140	139.200	140.800
150	149.200	150.800
160	159.200	160.800
(170)	169.200	170.800
180	179.200	180.800
(190)	189.075	190.925
200	199.075	200.925

FOR MORE DETAILED INFORMATION, PLEASE REFER TO COMPLETE DIN STANDARD, WHICH IS THE GOVERNING STANDARD

DIN 6912 (1985) / DIN 7984 (1970)- LFG 10/01/2016 REVISED