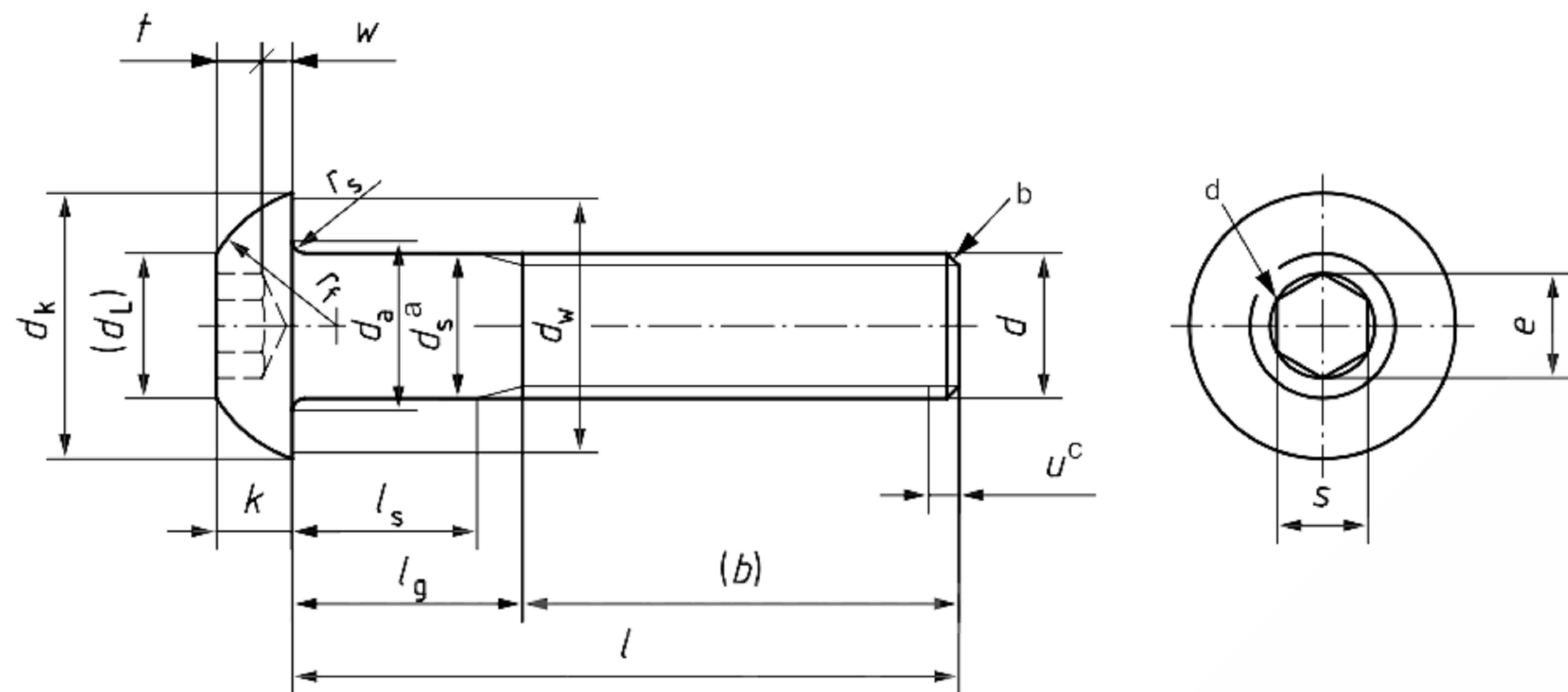


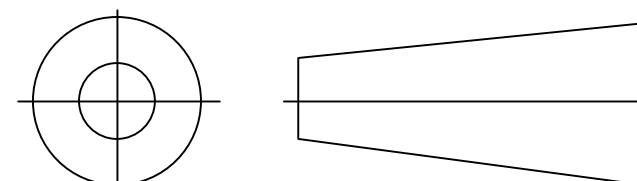


Thread, d	M3	M4	M5	M6	M8	M10	M12	M16
p^a	0,5	0,7	0,8	1	1,25	1,5	1,75	2
b^b ref.	18	20	22	24	28	32	36	44
d_a max.	3,6	4,7	5,7	6,8	9,2	11,2	13,7	17,7
d_k max.	5,70	7,60	9,50	10,50	14,00	17,50	21,00	28,00
d_k min.	5,40	7,24	9,14	10,07	13,57	17,07	20,48	27,48
d_L ref.	2,6	3,8	5,0	6,0	7,7	10,0	12,0	16,0
d_s max.	3	4	5	6	8	10	12	16
d_s min.	2,86	3,82	4,82	5,82	7,78	9,78	11,73	15,73
d_w min.	5,00	6,84	8,74	9,57	13,07	16,57	19,68	26,68
e^{cd} min.	2,303	2,873	3,443	4,583	5,723	6,863	9,149	11,429
k max.	1,65	2,20	2,75	3,30	4,40	5,50	6,60	8,80
k min.	1,40	1,95	2,50	3,00	4,10	5,20	6,24	8,44
r_t max.	3,70	4,60	5,75	6,15	7,95	9,80	11,20	15,30
r_t min.	3,30	4,20	5,25	5,65	7,45	9,20	10,50	14,50
r_s min.	0,10	0,20	0,20	0,25	0,40	0,40	0,60	0,60
r_t min.	0,30	0,40	0,45	0,50	0,70	0,70	1,10	1,10
s^d nom.	2	2,5	3	4	5	6	8	10
s^d max.	2,080	2,580	3,080	4,095	5,140	6,140	8,175	10,175
s^d min.	2,020	2,520	3,020	4,020	5,020	6,020	8,025	10,025
t min.	1,04	1,30	1,56	2,08	2,60	3,12	4,16	5,20
w min.	0,20	0,30	0,38	0,74	1,05	1,45	1,63	2,25

Thread, d			M3		M4		M5		M6		M8		M10		M12		M16	
l^e			l_s and l_g^f															
nom.	min.	max.	l_s min.	l_g max.	l_s min.	l_g max.	l_s min.	l_g max.	l_s min.	l_g max.	l_s min.	l_g max.	l_s min.	l_g max.	l_s min.	l_g max.	l_s min.	l_g 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																
25	24,58	25,42	4,5	7														
30	29,58	30,42	9,5	12	6,5	10	4	8										
35	34,5	35,5			11,5	15	9	13	6	11								
40	39,5	40,5			16,5	20	14	18	11	16	5,75	12						
45	44,5	45,5					19	23	16	21	10,75	17	5,5	13				
50	49,5	50,5					24	28	21	26	15,75	22	10,5	18				
55	54,4	55,6							26	31	20,75	27	15,5	23	10,25	19		
60	59,4	60,6							31	36	25,75	32	20,5	28	15,25	24		
65	64,4	65,6									30,75	37	25,5	33	20,25	29	11	21
70	69,4	70,6									35,75	42	30,5	38	25,25	34	16	26
80	79,4	80,6									45,75	52	40,5	48	35,25	44	26	36
90	89,4	90,6											50,5	58	45,25	54	36	46

NOTES :-
1. All Dim. are in mm.
2. Mechanical & Chemical properties as per specified grade.

DESCRIPTIONS
DRAWING TYPE:- 2D
PART NAME:- SOCKET BUTTON HEAD SCREW (ISO-7380)

Drawing No.	CBH-25-0282						--	 Capital Bolts and Hardwares		
Rev No.	00	Standard	Prepared By.	Checked By.	Approved By.	Prepared Date	Approved Date			
Rev Date.	---		Ravinder Singh	Yugam Sehgal	Diwakar Kushwaha	20-09-2025	---			
CBH Control No.	---				---		---			
								SCALE - N.T.S	Size A4	Sheet 1 of 1