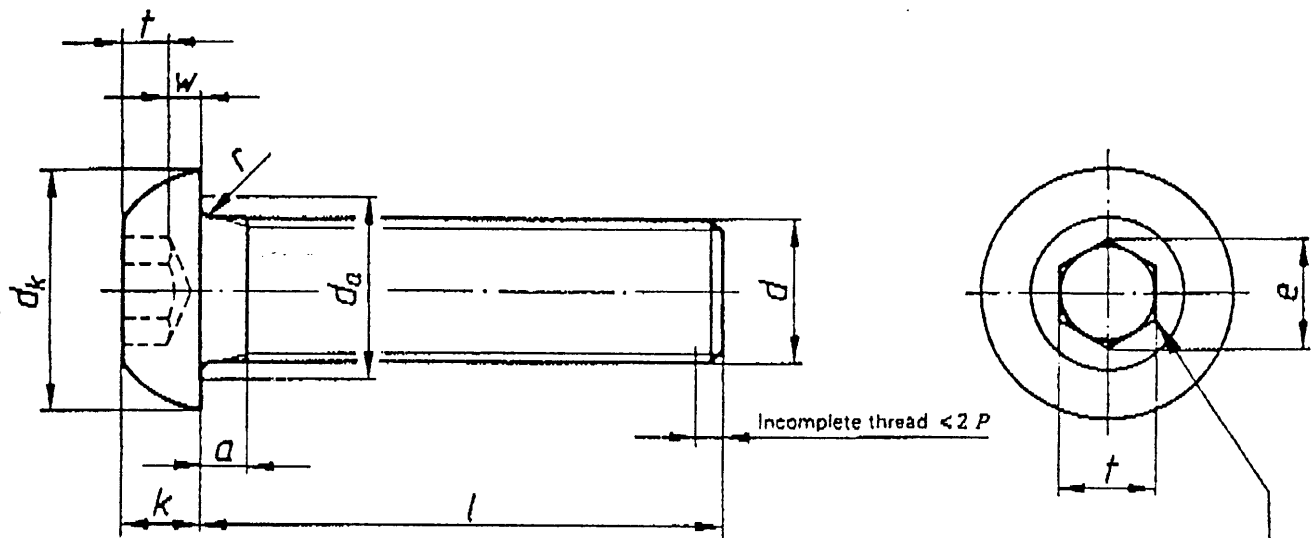
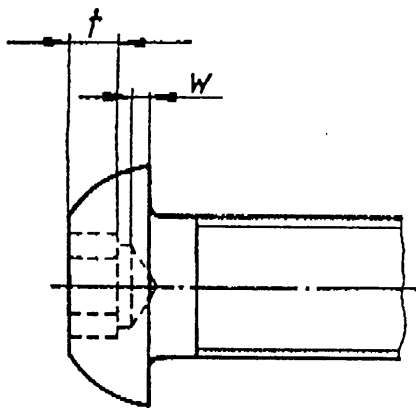


Dimensions



Slight rounding or countersink permissible at mouth of socket



Alternative form of socket permissible

For broached sockets which are at the maximum limit of size, the undercut resulting from drilling shall not exceed 20 % of the length of any flat of the socket.

Dimensions in millimetres

Thread size d			M 3	M 4	M 5	M 6	M 8	M 10	M 12	M 16
$P^{1)}$			0,5	0,7	0,8	1	1,25	1,5	1,75	2
a	max.		1	1,4	1,6	2	2,5	3	3,5	4
	min.		0,5	0,7	0,8	1	1,25	1,5	1,75	2
d_a	max.		3,6	4,7	5,7	6,8	9,2	11,2	13,7	17,7
d_k	max.		5,7	7,6	9,5	10,5	14	17,5	21	28
	min.		5,4	7,24	9,14	10,07	13,57	17,07	20,48	27,48
k	min.		2,3	2,87	3,44	4,58	5,72	6,86	9,15	11,43
	max.		1,65	2,2	2,75	3,3	4,4	5,5	6,6	8,8
	min.		1,4	1,95	2,5	3	4,1	5,2	6,24	8,44
	min.		0,1	0,2	0,2	0,25	0,4	0,4	0,6	0,6
s	nom.		2	2,5	3	4	5	6	8	10
	max.		2,045	2,56	3,08	4,095	5,095	6,095	8,115	10,115
	min.		2,02	2,52	3,02	4,02	5,02	6,02	8,025	10,025
l	min.		1,04	1,3	1,56	2,08	2,6	3,12	4,16	5,20
w	min.		0,2	0,3	0,38	0,74	1,05	1,45	1,63	2,25
/2/										
nom.	min.	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			Range					
20	19,58	20,42			of					
25	24,58	25,42				commercial				
30	29,58	30,42					lengths			
35	34,5	35,5								
40	39,5	40,5								
45	44,5	45,5								
50	49,5	50,5								

1) P = pitch of the thread.2) For lengths below the bottom stepped line, the thread lengths, at the option of the manufacturer, can be between a minimum of $2d + 12$ mm and a maximum which is within $2P$ of the thread.

Intermediate lengths according to ISO 888 are permissible.