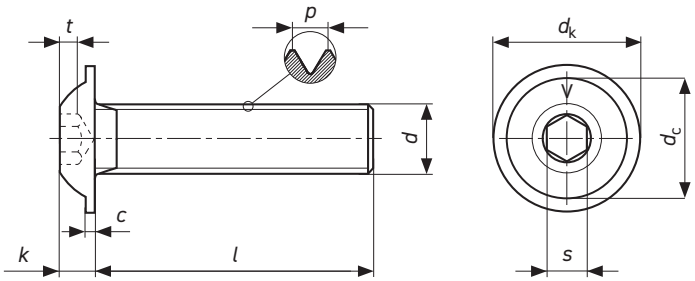
HEXAGON SOCKET FLANGED BUTTON HEAD SCREWS

ISO METRIC COARSE THREAD

ISO	UNI	DIN
7380/2	-	-



MATERIAL	STEEL	STAINLESS STEEL
MECHANICAL PROPERTIES	ACCORDING TO **ISO 898-1***	ACCORDING TO **ISO 3506-1**
CLASS	**10.9**	**A2** **A4**
TOLLERANCES	ACCORDING TO **ISO 4759-1 CAT A-B**	ACCORDING TO **ISO 4759-1 CAT A-B**
AVAILABLE TREATMENT	Black, White zinc plated or Yellow zinc plated with dehydrogenation according to RoHS. Other coatings on request	

d	M3	M4	M5	M6	M8	M10	M12
p	0,5	0,7	0,8	1	1,25	1,5	1,75
$d_{k\ max}$	6,9	9,40	11,8	13,6	17,8	21,9	26
$d_{c\ max}$	5,2	7,2	8,8	10	13,2	16,5	19,4
c	0,7	0,8	1	1,2	1,5	2	2,4
k	1,65	2,2	2,75	3,3	4,4	5,5	6,6
s	2	2,5	3	4	5	6	8
t_{min}	1,04	1,3	1,56	2,08	2,6	3,12	4,16

l = LENGTH							Kg
4							
5							
6	0,48	0,85					
8	0,55	1,10	1,9				
10	0,65	1,30	2,2	3,6	7,2		
12	0,75	1,50	2,5	3,9	7,7		
14	0,85	1,70	2,8	4,2	8,2		
16	0,95	1,90	3,1	4,5	8,8	15,5	
18		2,10	3,4	4,9	9,5	16,7	
20		2,30	3,7	5,2	10,2	17,9	25,5
25		2,80	4,4	6,2	12,5	21,0	29,5
30		3,30	5,1	7,3	14,0	22,0	32,5
35		3,80	5,8	8,3	15,7	25,5	36,5
40		4,30	6,5	9,3	17,5	28,5	40,0
45			7,2	10,3	19,3	31,5	45,0
50			7,9	11,3	21,1	34,5	50,0
55			8,6	12,3	22,9	37,5	55,0
60			9,3	13,3	24,7		60,0
70				14,3	28,3		
80							

Weight for 1000 pcs

For stainless steel A2 products, multiply the weight values for 1,01, A4 by 1,013. The weights indicated are approximate. **Other sizes avaible on request.** (*) For the form of head it is possible that these screws do not respect the yeld test charge according to 10.9 class prescribed in ISO 898-1, when tested according to program B. Further more they have to respect all others prescriptions for the strenght class 10.9 of ISO 898-1. Testing the yeld point the fracture may occur in the threaded portion, in the head, in the shank or in the junction head/shank.**For this reason the standard UNI EN ISO 898-1, paragraph 10.4, prescribes for new production a different marking, where the property class is preceded by the digit 0: it is 10.9 o 109, or the dot in the marking symbol may be omitted.**

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