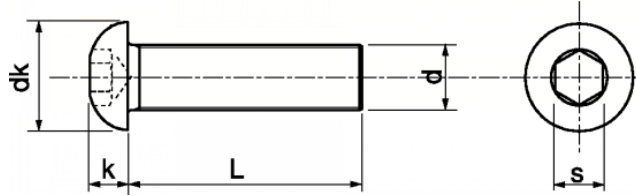


Hexagon socket button head cap screws

Steel zinc plated 010.9



Specifications

Mechanical properties	ISO 898-1
Property class	010.9
Threads	6h
Coating	Zinc plated CR3 - acc. ISO 4042 / A2K
Head Marking	Manufacturer's ID and 010.9

d	M3	M4	M5	M6	M8	M10	M12
dk	5,7	7,6	9,5	10,5	14	17,5	21
k	1,65	2,2	2,75	3,3	4,4	5,5	6,6
s	2	2,5	3	4	5	6	8
P	0,5	0,7	0,8	1	1,25	1,5	1,75

Proof load

Diameter	Pitch	Tensile stress area	Min. tensile load in N
	P	As/mm ²	Grade 10.9
m 3	0,5	5,03	4 180
m 4	0,7	8,78	7 300
m 5	0,8	14,20	11 800
m 6	1	20,10	16 700
m 8	1,25	36,60	30 500
m 10	1,50	58,00	48 200
m 12	1,75	84,30	70 200

Mechanical properties

			10.9
Surface hardness	Hv=0,3	Maximum	390
Vickers hardness	HV ≥ F 98N	Minimum	320
		Maximum	380
Brinell hardness	HB F=30D2	Minimum	316
		Maximum	375
Rockwell hardness	HRC	Minimum HRC	32
		Maximum HRC	39

These are our recommended guidelines only

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