

ISO



INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION

R 861

HEXAGON SOCKET HEAD CAP SCREWS

METRIC SERIES

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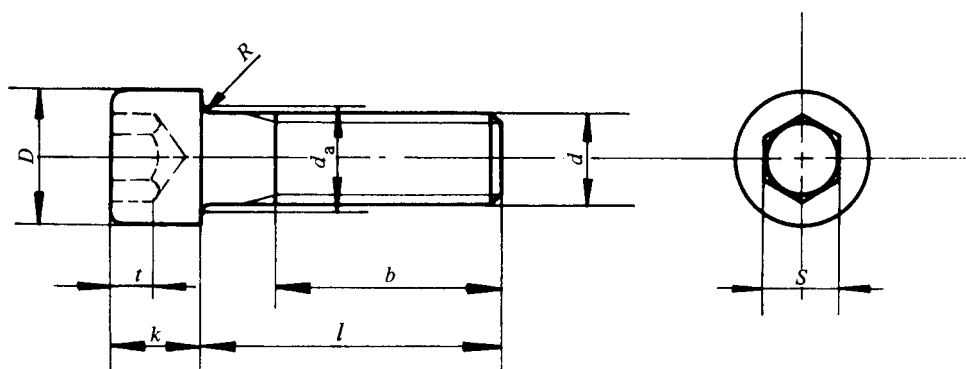
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Dimensions in millimetres

Thread diameter d			3	4	5	6	8	10	12
D	h13*	max.	5.5	7	8.5	10	13	16	18
		min.	5.32	6.78	8.28	9.78	12.73	15.73	17.73
k	h13	max.	3	4	5	6	8	10	12
		min.	2.86	3.82	4.82	5.82	7.78	9.78	11.73
S	D12	Nominal value	2.5	3	4	5	6	8	10
		min.	2.52	3.02	4.03	5.03	6.03	8.04	10.04
		max.	2.62	3.12	4.15	5.15	6.15	8.19	10.19
t		min.	1.3	2	2.7	3.3	4.3	5.5	6.6
		max.	1.7	2.4	3.1	3.78	4.78	6.25	7.5
R		min.	0.1	0.2	0.2	0.25	0.4	0.4	0.6
d_a		max.	3.6	4.7	5.7	6.8	9.2	11.2	14.2
b		$l \leq 125$	12	14	16	18	22	26	30
		$125 < l \leq 200$	—	—	—	—	28	32	36
		$l > 200$	—	—	—	—	—	—	—

* Tolerance field h14 for knurled heads.