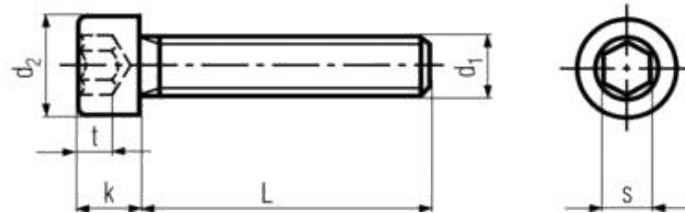


Metric Range

Diameter (d1)	Head diameter (d2)	Head height (max) (k)	Key size (S)	Key Engagement (min) (t)	Thread Length
M1.6	3.0	1.6	1.5	0.7	15
M2	3.8	2.0	1.5	1.0	16
M2.5	4.5	2.5	2	1.1	17
M3	5.5	3	2.5	1.3	18
M4	7.0	4	3	2.0	20
M5	8.5	5	4	2.5	22
M6	10	6	5	3	24
M8	13	8	6	4	28
M10	16	10	8	5	32
M12	18	12	10	6	36
M16	24	16	14	8	44
M20	30	20	17	10	52

All dimensions are in MM * = No dimensional data available



Unified (American) range.

Diameter (d1)	Head diameter (d2)	Head height (k)	Key size (S)	Thread length	
				Min	Max
0un	0.096	0.060	0.05	1/2	5/8
2un	0.140	0.086	5/64	5/8	7/8
3un	0.161	0.099	5/64	5/8	7/8
4un	0.183	0.112	3/32	3/4	1
5un	0.205	0.125	3/32	3/4	1
6un	0.226	0.138	7/64	3/4	1.1/8
8un	0.270	0.164	9/64	3/4	1.1/4
10un	0.312	0.190	5/32	7/8	1.3/8
1/4"	0.375	0.250	3/16	1	1.1/2
5/16"	0.468	0.312	1/4	1.1/8	1.3/4
3/8"	0.562	.0375	5/16	1.1/4	2
7/16"	0.656	0.437	3/8	1.3/8	2.1/4
1/2"	0.750	0.500	3/8	1.1/2	2.1/2

All dimensions are maximum in Inches

This information is for guidance only no liability can result from its use