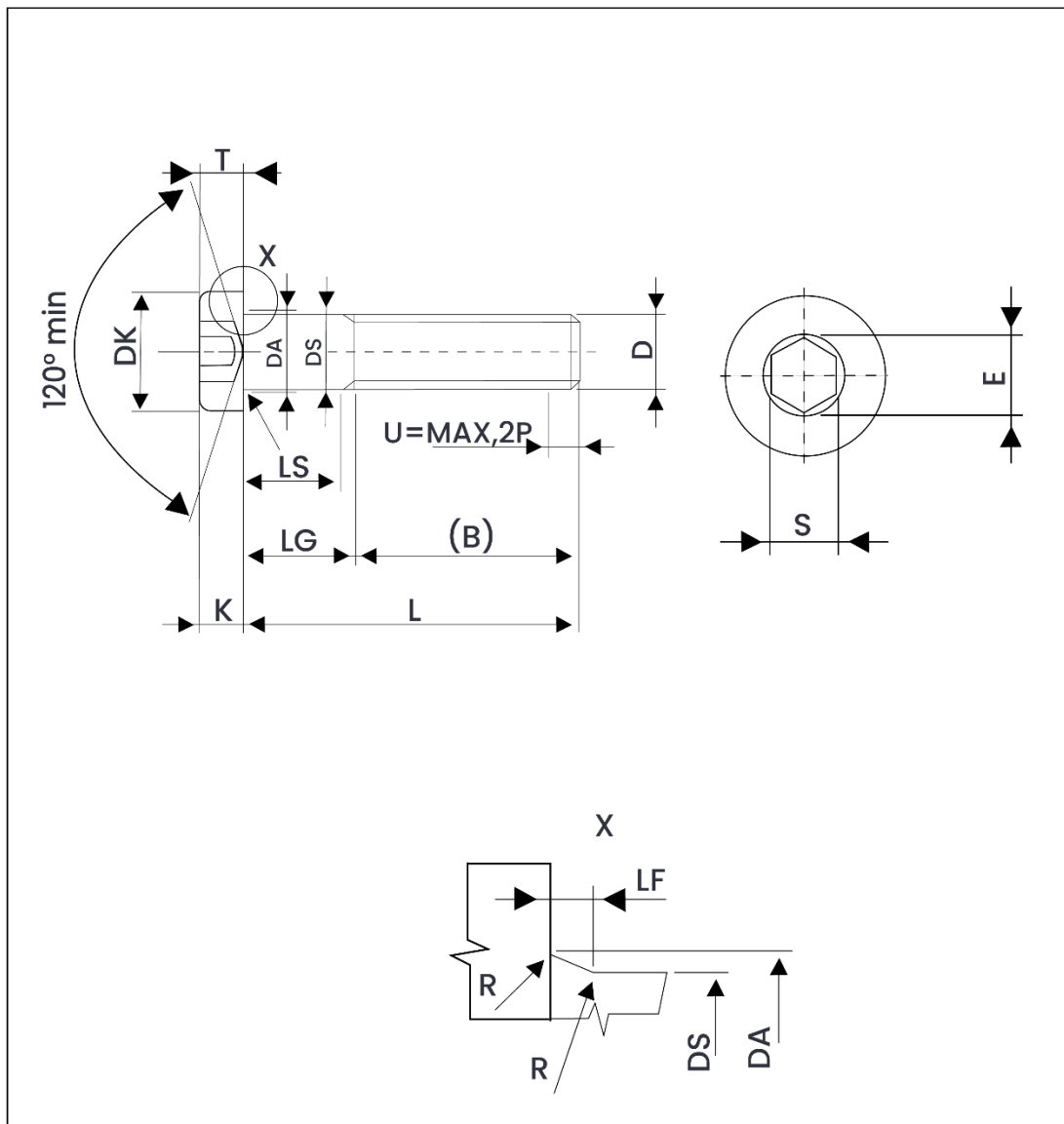


DIN 7984

Low Head Socket Cap Screw



Metric Dimensions – DIN 7984 Low Head Socket Cap Screw

Table 1: Metric Dimensions – M3 to M12

Thread D		M3	M4	M5	M6	M8	M10	M12
Pitch		0.50	0.70	0.80	1	1.25	1.50	1.75
DK	Min.	5.32	6.78	8.28	9.78	12.73	15.73	17.73
	Max.	5.50	7	8.50	10	13	16	18
DS	Min.	2.86	3.82	4.82	5.82	7.70	9.78	11.73
	Max.	3	4	5	6	8	10	12
F	Max.	0.51	0.60	0.60	0.68	1.02	1.02	1.87
DA	Max.	3.60	4.70	5.70	6.80	9.20	11.20	13.70
E	Min.	2.30	2.87	3.44	4.58	5.72	8.01	9.15
DW	Min.	4.84	6.20	7.70	9.20	12.03	15.03	17.03
K	Min.	1.86	2.66	3.32	3.82	4.82	5.82	6.78
	Max.	2	2.80	3.50	4	5	6	7
R	Min.	0.10	0.20	0.20	0.25	0.40	0.40	0.60
S	Nominal	2	2.50	3	4	5	7	8
	Min.	2.02	2.52	3.02	4.02	5.02	7.025	8.025
	Max	2.10	2.60	3.10	4.12	5.14	7.175	8.175
T	Nominal	1.50	2.30	2.70	3	3.80	4.50	5
	Min.	1.38	2.18	2.58	2.88	3.62	4.35	4.85
	Max	1.62	2.42	2.82	3.12	3.95	4.65	5.15
V	Max.	0.30	0.40	0.50	0.60	0.80	1	1.20
B	$L < 125\text{mm}$	12	14	16	18	22	26	30
	$125 > L < 200$	-	-	-	-	28	32	36
	$L > 200\text{mm}$	-	-	-	-	-	-	-

Table 2: Metric Dimensions – M14 to M24

Thread D		M14	M16	M18	M20	M22	M24
Pitch		2	2	2.50	2.50	2.50	3
DK	Min.	20.67	23.67	26.67	29.67	32.61	35.61
	Max.	21	24	27	30	33	36
DS	Min.	13.73	15.73	17.73	19.67	21.67	23.67
	Max.	14	16	18	20	22	24
F	Max.	1.87	1.87	1.87	2.04	2.04	2.04
DA	Max.	15.70	17.70	20.20	22.40	24.40	26.40
E	Min.	11.43	13.72	13.72	16	16	19.44
DW	Min.	19.83	22.83	25.83	28.83	31.61	34.61
K	Min.	7.78	8.78	9.78	10.73	11.73	12.73
	Max.	8	9	10	11	12	13
R	Min.	0.60	0.60	0.60	0.80	0.80	0.80
S	Nominal	10	12	12	14	14	17
	Min.	10.025	12.032	12.032	14.032	14.032	17.05
	Max	10.175	12.212	12.212	14.212	14.212	17.23
T	Nominal	5.30	5.50	6.50	7.50	8	8
	Min.	5.15	5.35	6.32	7.32	7.82	7.82
	Max	5.45	5.65	6.68	7.68	8.18	8.18
V	Max.	1.40	1.60	1.80	2	2.20	2.40
B	$L < 125\text{mm}$	34	38	42	46	50	54
	$125 > L < 200$	40	44	48	52	56	60
	$L > 200\text{mm}$	-	57	61	65	69	73