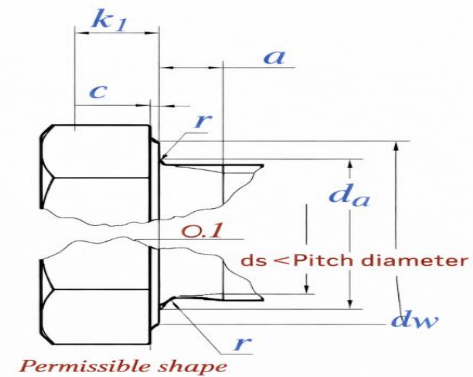
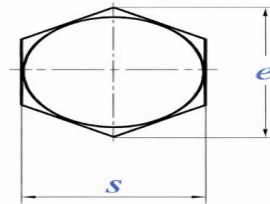
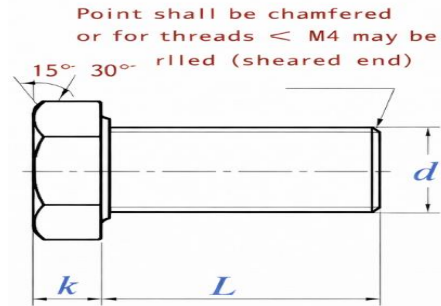


### Dimensions of Hexagon Head Screws

Screw Thread d			M1.6	M2	M2.5	M3	(M3.5)	M4	M5	M6	M8	M10	M12	(M14)	M16	(M18)	M20
<b>P</b>	Pitch		0.35	0.4	0.45	0.5	0.6	0.7	0.8	1	1.25	1.5	1.75	2	2	2.5	2.5
	<b>a</b>	max	1.05	1.2	1.35	1.5	1.8	2.1	2.4	3	4	4.5	5.3	6	6	7.5	7.5
min		0.35	0.4	0.45	0.5	0.6	0.7	0.8	1	1.25	1.5	1.75	2	2	2.5	2.5	
<b>c</b>	max		0.25	0.25	0.25	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.8	0.8	0.8
	min		0.1	0.1	0.1	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.2	0.2
<b>da</b>	max		2	2.6	3.1	3.6	4.1	4.7	5.7	6.8	9.2	11.2	13.7	15.7	17.7	20.2	22.4
<b>dw</b>	Grade A	min	2.27	3.07	4.07	4.57	5.07	5.88	6.88	8.88	11.63	14.63	16.63	19.64	22.49	25.34	28.19
	Grade B	min	2.3	2.95	3.95	4.45	4.95	5.74	6.74	8.74	11.47	14.47	16.47	19.15	22	24.85	27.7
<b>e</b>	Grade A	min	3.41	4.32	5.45	6.01	6.58	7.66	8.79	11.05	14.38	17.77	20.03	23.36	26.75	30.14	33.53
	Grade B	min	3.28	4.18	5.31	5.88	6.44	7.5	8.63	10.89	14.2	17.59	19.85	22.78	26.17	29.56	32.95
<b>k</b>	Nominal Size		1.1	1.4	1.7	2	2.4	2.8	3.5	4	5.3	6.4	7.5	8.8	10	11.5	12.5
	Grade A	max	1.225	1.525	1.825	2.125	2.525	2.925	3.65	4.15	5.45	6.58	7.68	8.98	10.18	11.715	12.715
		min	0.975	1.275	1.575	1.875	2.275	2.675	3.35	3.85	5.15	6.22	7.32	8.62	9.82	11.285	12.285
	Grade B	max	1.3	1.6	1.9	2.2	2.6	3	3.74	4.24	5.54	6.69	7.79	9.09	10.29	11.85	12.85
min		0.9	1.2	1.5	1.8	2.2	2.6	3.26	3.76	5.06	6.11	7.21	8.51	9.71	11.15	12.15	
<b>k1</b>	Grade A	min	0.68	0.89	1.1	1.31	1.59	1.87	2.35	2.7	3.61	4.35	5.12	6.03	6.87	7.9	8.6
	Grade B	min	0.63	0.84	1.05	1.26	1.54	1.82	2.28	2.63	3.54	4.28	5.05	5.96	6.8	7.81	8.51
<b>r</b>	min		0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.25	0.4	0.4	0.6	0.6	0.6	0.6	0.8
	max=nominal size		3.2	4	5	5.5	6	7	8	10	13	16	18	21	24	27	30
<b>s</b>	Grade A	min	3.02	3.82	4.82	5.32	5.82	6.78	7.78	9.78	12.73	15.73	17.73	20.67	23.67	26.67	29.67
	Grade B	min	2.9	3.7	4.7	5.2	5.7	6.64	7.64	9.64	12.57	15.57	17.57	20.16	23.16	26.16	29.16

NOTE: ALL DIMENSIONS ARE IN MM.



### Dimensions of Hexagon Head Screws

Screw Thread			(M22)	M24	(M27)	M30	(M33)	M36	(M39)	M42	(M45)	M48	(M52)	M56	(M60)	M64	
d																	
P	Pitch		2.5	3	3	3.5	3.5	4	4	4.5	4.5	5	5	5.5	5.5	6	
	a		7.5	9	9	10.5	10.5	12	12	13.5	13.5	15	15	16.5	16.5	18	
c	max		2.5	3	3	3.5	3.5	4	4	4.5	4.5	5	5	5.5	5.5	6	
	min		0.8	0.8	0.8	0.8	0.8	0.8	1	1	1	1	1	1	1	1	
da	max		0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
	min		24.4	26.4	30.4	33.4	36.4	39.4	42.4	45.6	48.6	52.6	56.6	63	67	71	
dw	Grade A	min	31.71	33.61	-	-	-	-	-	-	-	-	-	-	-	-	
	Grade B	min	31.35	33.25	38	42.75	46.55	51.11	55.86	59.95	64.7	69.45	74.2	78.66	83.41	88.16	
e	Grade A	min	37.72	39.98	-	-	-	-	-	-	-	-	-	-	-	-	
	Grade B	min	37.29	39.55	45.2	50.85	55.37	60.79	66.44	71.3	76.95	82.6	88.25	93.56	99.21	104.86	
k	Nominal Size		14	15	17	18.7	21	22.5	25	26	28	30	33	35	38	40	
	Grade A	max	14.215	15.215	-	-	-	-	-	-	-	-	-	-	-	-	-
		min	13.785	14.785	-	-	-	-	-	-	-	-	-	-	-	-	-
	Grade B	max	14.35	15.35	17.35	19.12	21.42	22.92	25.42	26.42	28.42	30.42	33.5	35.5	38.5	40.5	
min		13.65	14.65	16.65	18.28	20.58	22.08	24.58	25.58	27.58	29.58	32.5	34.5	37.5	39.5		
k1	Grade A	min	9.65	10.35	-	-	-	-	-	-	-	-	-	-	-	-	
	Grade B	min	9.56	10.26	11.66	12.8	14.41	15.46	17.21	17.91	19.31	20.71	22.75	24.15	26.25	27.65	
r	min		0.8	0.8	1	1	1	1	1	1.2	1.2	1.6	1.6	2	2	2	
	max=nominal size		34	36	41	46	50	55	60	65	70	75	80	85	90	95	
s	Grade A	min	33.38	35.38	-	-	-	-	-	-	-	-	-	-	-	-	
	Grade B	min	33	35	40	45	49	53.8	58.8	63.1	68.1	73.1	78.1	82.8	87.8	92.8	

NOTE: ALL DIMENSIONS ARE IN MM.