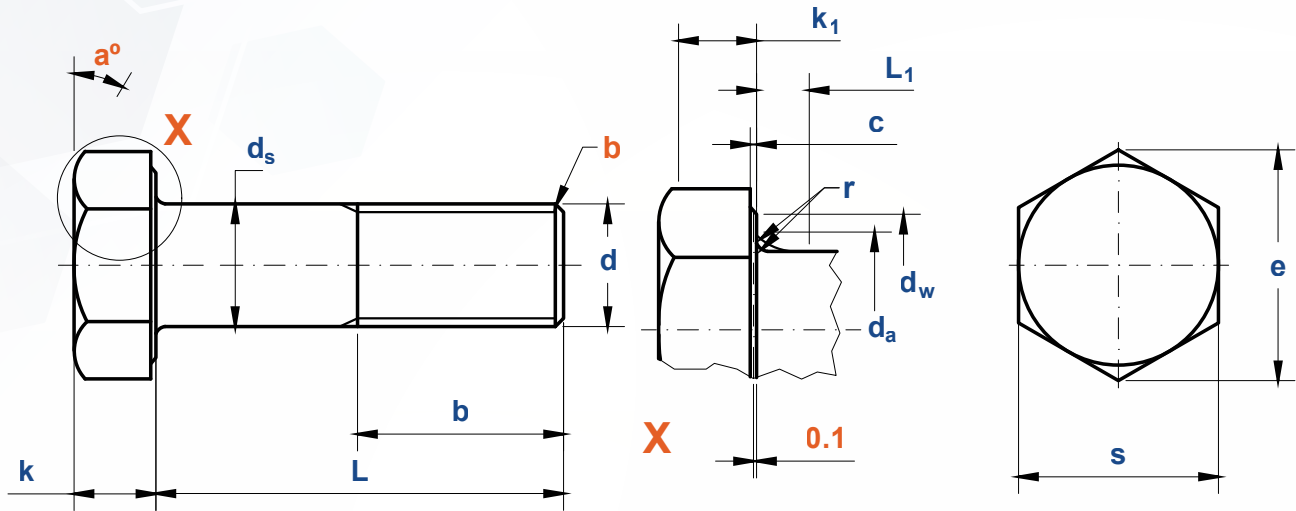
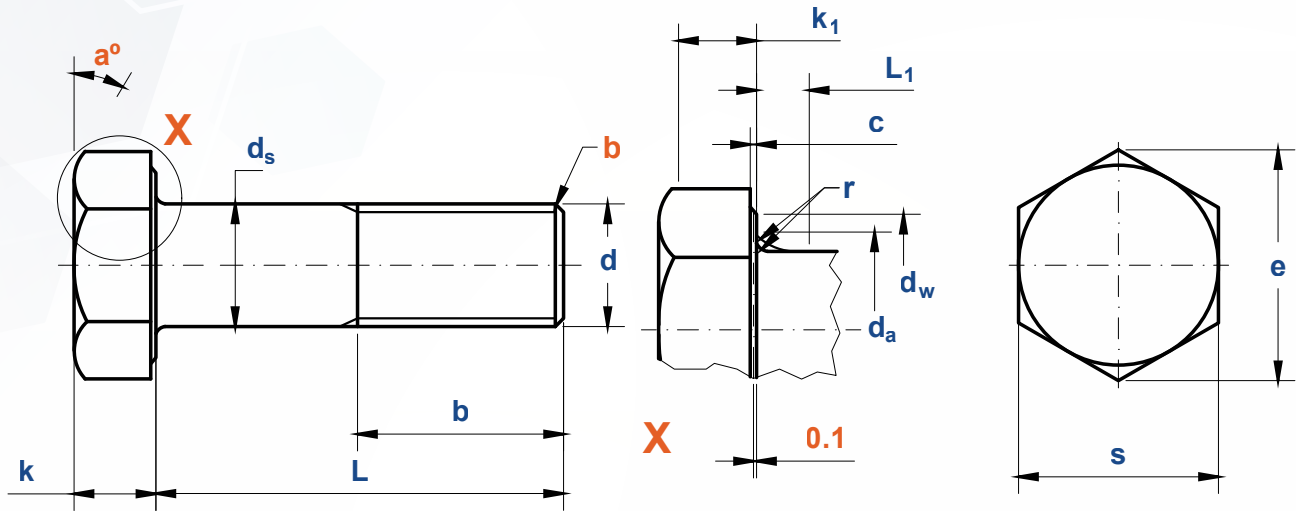




- a. $a^\circ = 15^\circ \sim 30^\circ$
b. Chamfered end

Screw Thread d			M8	M10	M12	(M14)	M16	(M18)	M20	(M22)	M24	(M27)	M30
P	Pitch	Fine thread, 1	1	1	1.5	1.5	1.5	1.5	1.5	1.5	2	2	2
		Fine thread, 2	-	-1.25	-1.25	-	-	-	-2	-	-	-	-
b	L≤125		22	26	30	34	38	42	46	50	54	60	66
	125<L≤200		-	-	-	40	44	48	52	56	60	66	72
	L>200		-	-	-	-	-	-	-	69	73	79	85
c	max		0.15	0.15	0.15	0.15	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	min		0.6	0.6	0.6	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8
da	max		9.2	11.2	13.7	15.7	17.7	20.2	22.4	24.4	26.4	30.4	33.4
ds	max=nominal size		8	10	12	14	16	18	20	22	24	27	30
	Grade A	min	7.78	9.78	11.73	13.73	15.73	17.73	19.67	21.67	23.67	-	-
	Grade B	min	-	-	-	-	15.57	17.57	19.48	21.48	23.48	26.48	29.48
dw	Grade A	min	11.63	14.63	16.63	19.37	22.49	25.34	28.19	31.71	33.61	-	-
	Grade B	min	-	-	-	-	22	24.85	27.7	31.35	33.25	38	42.75
e	Grade A	min	14.38	17.77	20.03	23.36	26.75	30.14	33.53	37.72	39.98	-	-
	Grade B	min	-	-	-	-	26.17	29.56	32.95	37.29	39.55	45.2	50.85
L1	max		2	2	3	3	3	3	4	4	4	6	6
k	Nominal Size		5.3	6.4	7.5	8.8	10	11.5	12.5	14	15	17	18.7
	Grade A	max	5.15	6.22	7.32	8.62	9.82	11.285	12.285	13.785	14.785	-	-
		min	5.45	6.58	7.68	8.98	10.18	11.715	12.715	14.215	15.215	-	-
	Grade B	max	-	-	-	-	9.71	11.15	12.15	13.65	14.65	16.65	18.28
		min	-	-	-	-	10.29	11.85	12.85	14.35	15.35	17.35	19.12
k1	Grade A	min	3.61	4.35	5.12	6.03	6.87	7.9	8.6	9.65	10.35	-	-
	Grade B	min	-	-	-	-	6.8	7.81	8.51	9.56	10.26	11.66	12.8
r	min		0.4	0.4	0.6	0.6	0.6	0.6	0.8	0.8	0.8	1	1
s	max=nominal size		13	16	18	21	24	27	30	34	36	41	46
	Grade A	min	12.73	15.73	17.73	20.67	23.67	26.67	29.67	33.38	35.38	-	-
	Grade B	min	-	-	-	-	23.16	26.16	29.16	33	35	40	45



- a. $a^\circ = 15^\circ \sim 30^\circ$
b. Chamfered end

Screw Thread d			(M33)	M36	(M39)	M42	(M45)	M48	(M52)	M56	(M60)	M64
P	Pitch	Fine thread, 1	2	3	3	3	3	3	4	4	4	4
		Fine thread, 2	-	-	-	-	-	-	-	-	-	-
b	L ≤ 125		-	-	-	-	-	-	-	-	-	-
	125 < L ≤ 200		78	84	90	96	102	108	116	-	-	-
	L > 200		91	97	103	109	115	121	129	137	145	153
c	max		0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
	min		0.8	0.8	1	1	1	1	1	1	1	1
d _a	max		36.4	39.4	42.4	45.6	48.6	52.6	56.6	63	67	71
d _s	max=nominal size		33	36	39	42	45	48	52	56	60	64
	Grade A	min	-	-	-	-	-	-	-	-	-	-
	Grade B	min	32.38	35.8	38.38	41.38	44.38	47.38	51.26	55.26	59.26	63.26
d _w	Grade A	min	-	-	-	-	-	-	-	-	-	-
	Grade B	min	46.55	51.11	55.86	59.95	64.7	69.45	74.2	78.66	83.41	88.16
e	Grade A	min	-	-	-	-	-	-	-	-	-	-
	Grade B	min	55.37	60.79	66.44	71.3	76.95	82.6	88.25	93.56	99.21	104.86
L ₁	max		6	6	6	8	8	10	10	12	12	13
k	Nominal Size		21	22.5	25	26	28	30	33	35	38	40
	Grade A	max	-	-	-	-	-	-	-	-	-	-
		min	-	-	-	-	-	-	-	-	-	-
	Grade B	max	20.58	22.08	24.58	25.58	27.58	29.58	32.5	34.5	37.5	39.5
		min	21.42	22.92	25.42	26.42	28.42	30.42	33.5	35.5	38.5	40.5
k ₁	Grade A	min	-	-	-	-	-	-	-	-	-	-
	Grade B	min	14.41	15.46	17.21	17.91	19.31	20.71	22.75	24.15	26.25	27.65
r	min		1	1	1	1.2	1.2	1.6	1.6	2	2	2
s	max=nominal size		50	55	60	65	70	75	80	85	90	95
	Grade A	min	-	-	-	-	-	-	-	-	-	-
	Grade B	min	49	53.8	58.8	63.1	68.1	73.1	78.1	82.8	87.8	92.8