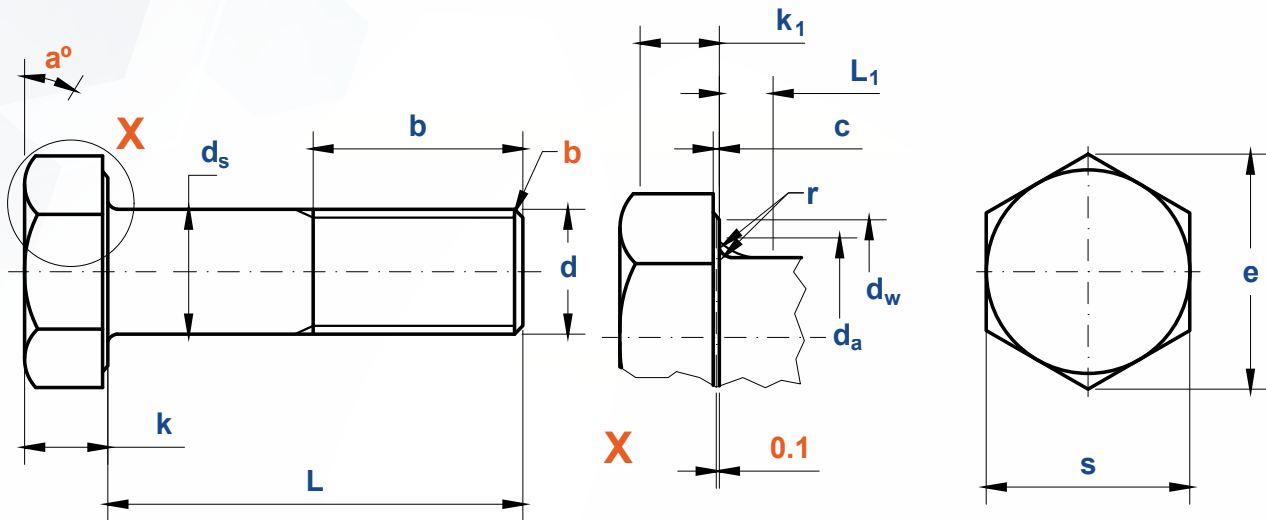
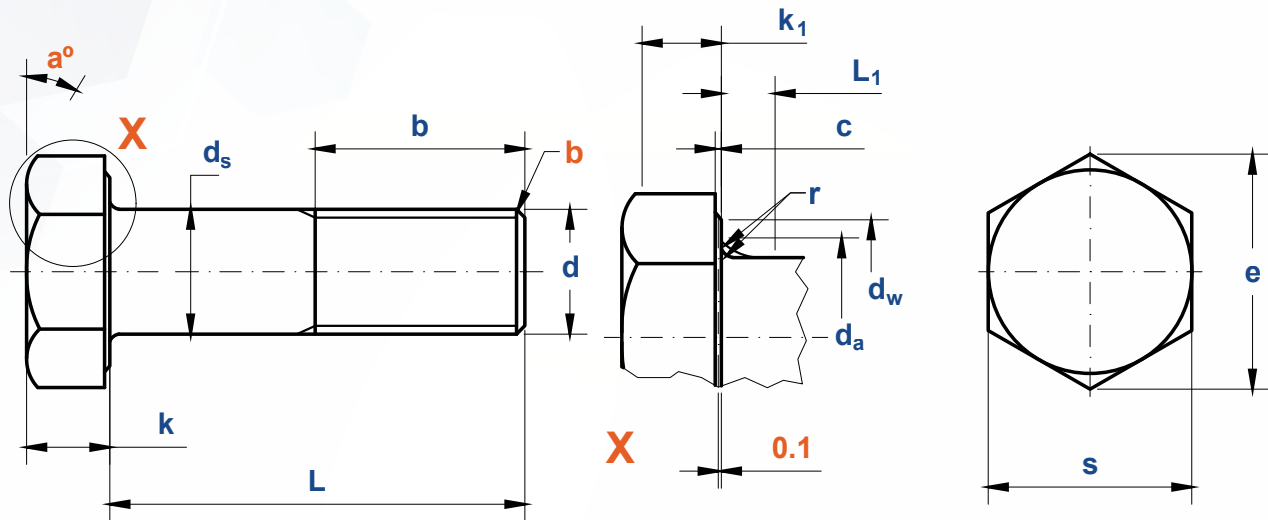




a. $a^\circ = 15^\circ \sim 30^\circ$

b. Point shall be chamfered or for threads $\leq M4$ may be as-rolled

Screw Thread d			M1.6	M2	M2.5	M3	(M3.5)	M4	M5	M6	M8	M10	M12	(M14)	M16	(M18)	M20
b ^①	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
	L ≤ 125		9	10	11	12	13	14	16	18	22	26	30	34	38	42	46
	125 < L ≤ 200		15	16	17	18	19	20	22	24	28	32	36	40	44	48	52
c	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	0.2	0.2	0.2
da	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
ds	max=nominal size		1.6	2	2.5	3	3.5	4	5	6	8	10	12	14	16	18	20
	Grade A	min	1.46	1.86	2.36	2.86	3.32	3.82	4.82	5.82	7.78	9.78	11.73	13.73	15.73	17.73	19.67
	Grade B	min	1.35	1.75	2.25	2.75	3.2	3.7	4.7	5.7	7.64	9.64	11.57	13.57	15.57	17.57	19.48
dw	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
e	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
L1	max		0.6	0.8	1	1	1	1.2	1.2	1.4	2	2	3	3	3	3	4
k	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
k1	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
r	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
s	max=nominal size		3.2	4	5	5.5	6	7	8	10	13	16	18	21	24	27	30
	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



a. $a^\circ = 15^\circ \sim 30^\circ$

b. Point shall be chamfered or for threads $\leq M4$ may be as-rolled

Screw Thread d		(M22)	M24	(M27)	M30	(M33)	M36	(M39)	M42	(M45)	M48	(M52)	M56	(M60)	M64
P	Pitch	2.5	3	3	3.5	3.5	4	4	4.5	4.5	5	5	5.5	5.5	6
b ^①	$L \leq 125$	50	54	60	66	-	-	-	-	-	-	-	-	-	-
	$125 < L \leq 200$	56	60	66	72	78	84	90	96	102	108	116	-	-	-
	$L > 200$	69	73	79	85	91	97	103	109	115	121	129	137	145	153
c	max	0.8	0.8	0.8	0.8	0.8	0.8	1	1	1	1	1	1	1	1
	min	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
d _a	max	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
d _s	max=nominal size	22	24	27	30	33	36	39	42	45	48	52	56	60	64
	Grade A	min	21.67	23.67	-	-	-	-	-	-	-	-	-	-	-
	Grade B	min	21.48	23.48	26.48	29.48	32.38	35.38	38.38	41.38	44.38	47.38	51.26	55.26	59.26
d _w	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
	Grade A	min	37.72	39.98	-	-	-	-	-	-	-	-	-	-	-
e	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
	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
L ₁	max	4	4	6	6	6	6	6	8	8	10	10	12	12	13
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	-	-	-	-	-	-	-	-	-	-	-
	Grade A	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
	Grade B	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
k ₁	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
r	min	0.8	0.8	1	1	1	1	1	1.2	1.2	1.6	1.6	2	2	2
s	max=nominal size	34	36	41	46	50	55	60	65	70	75	80	85	90	95
	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