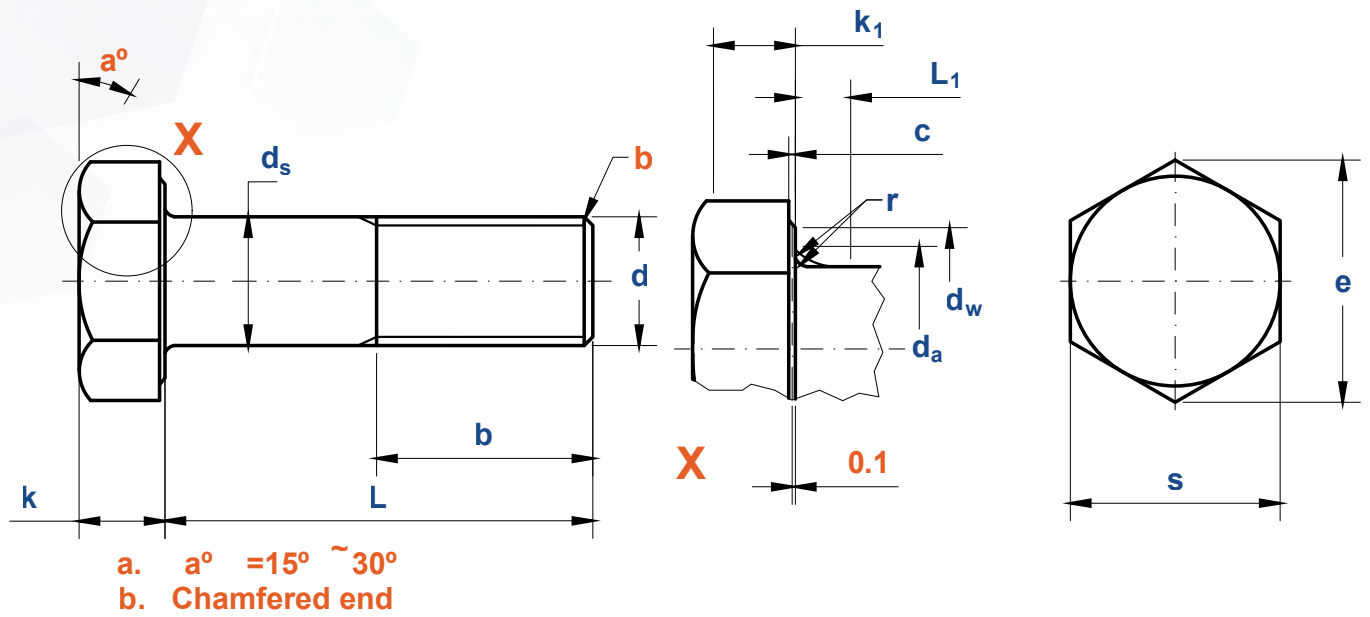
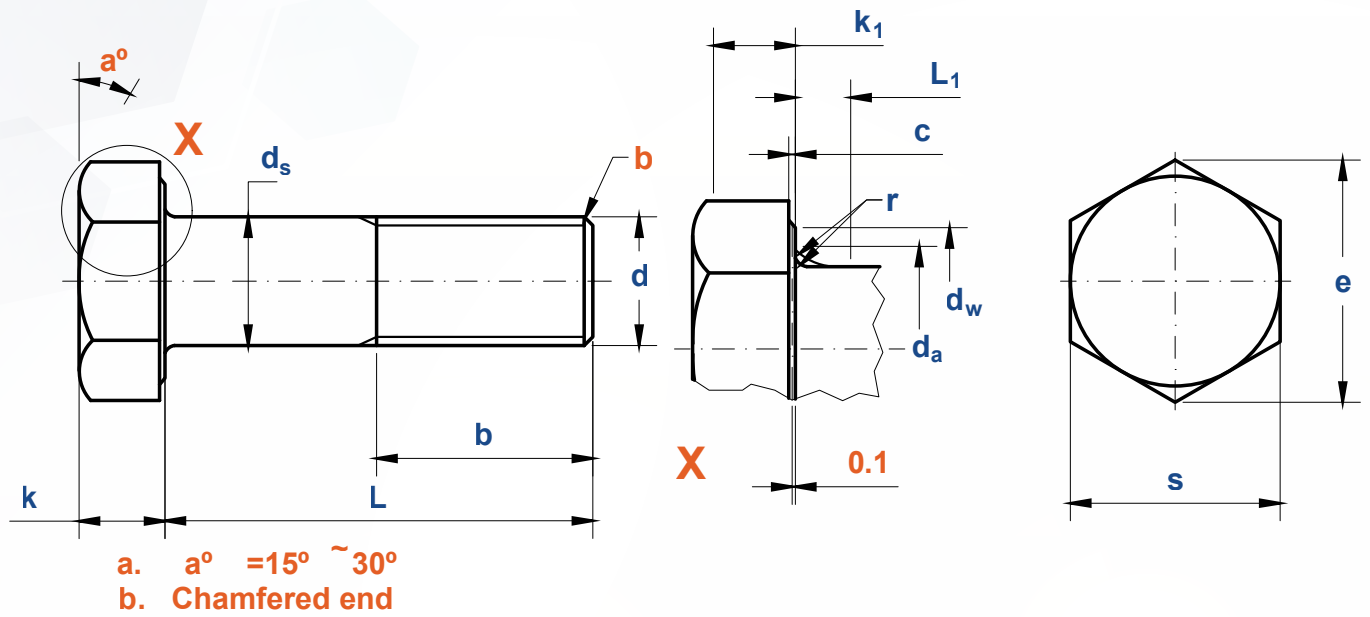




Thread Size d		M8 x1	M10 x1.25	(M10) x1	M12 x1.5	(M12) x1.25	(M14) x1.5	M16 x1.5	(M18) x2	(M18) x1.5	M20 x2	(M20) x1.5	(M22) x2	(M22) x1.5
P	Pitch	1	1.25	1	1.5	1.25	1.5	1.5	2	1.5	2	1.5	2	1.5
b	$L \leq 125$	22	26	26	30	30	34	38	42	42	46	46	50	50
	$125 < L \leq 200$	28	32	32	36	36	40	44	48	48	52	52	56	56
	$L > 200$	41	45	45	49	49	53	/	/	/	/	/	69	69
c	max	0.6	0.6	0.6	0.6	0.6	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8
	min	0.15	0.15	0.15	0.15	0.15	0.15	0.2	0.2	0.2	0.2	0.2	0.2	0.2
da	max	9.2	11.2	11.2	13.7	13.7	15.7	17.7	20.2	20.2	22.4	22.4	24.4	24.4
ds	max=nominal size	8	10	10	12	12	14	16	18	18	20	20	22	22
	Grade A	min	7.78	9.78	9.78	11.73	11.73	13.73	15.73	17.73	19.67	19.67	21.67	21.67
	Grade B	min	7.64	9.64	9.64	11.57	11.57	13.57	15.57	17.57	19.48	19.48	21.48	21.48
dw	Grade A	min	11.63	14.63	14.63	16.63	16.63	19.64	22.49	25.34	28.19	28.19	31.71	31.71
	Grade B	min	11.47	14.47	14.47	16.47	16.47	19.15	22	24.85	27.7	27.7	31.35	31.35
e	Grade A	min	14.38	17.77	17.77	20.03	20.03	23.36	26.75	30.14	33.53	33.53	37.72	37.72
	Grade B	min	14.2	17.59	17.59	19.85	19.85	22.78	26.17	29.56	32.95	32.95	37.29	37.29
k	Nominal Size		5.3	6.4	6.4	7.5	7.5	8.8	10	11.5	12.5	12.5	14	14
	Grade A	max	5.45	6.58	6.58	7.68	7.68	8.98	10.18	11.715	12.715	12.715	14.215	14.215
		min	5.15	6.22	6.22	7.32	7.32	8.62	9.82	11.285	12.285	12.285	13.785	13.785
	Grade B	max	5.54	6.69	6.69	7.79	7.79	9.09	10.29	11.85	12.85	12.85	14.35	14.35
		min	5.06	6.11	6.11	7.21	7.21	8.51	9.71	11.15	12.15	12.15	13.65	13.65
k1	Grade A	min	3.61	4.35	4.35	5.12	5.12	6.03	6.87	7.9	8.6	8.6	9.65	9.65
	Grade B	min	3.54	4.28	4.28	5.05	5.05	5.96	6.8	7.81	8.51	8.51	9.56	9.56
L1	max	2	2	2	3	3	3	3	3	3	4	4	4	4
r	min	0.4	0.4	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.8	0.8	0.8	0.8
s	max=nominal size		13	16	16	18	18	21	24	27	30	30	34	34
	Grade A	min	12.73	15.73	15.73	17.73	17.73	20.67	23.67	26.67	29.67	29.67	33.38	33.38
	Grade B	min	12.57	15.57	15.57	17.57	17.57	20.16	23.16	26.16	29.16	29.16	33	33



Thread Size d			M24 x2	M27 x2	M30 x2	M33 x2	M36 x3	M39 x3	M42 x3	M45 x3	M48 x3	M52 x4	M56 x4	M60 x4	M64 x4
P	Pitch		2	2	2	2	3	3	3	3	3	4	4	4	4
b	L≤125		54	60	66	72	/	/	/	/	/	/	/	/	/
	125<L≤200		60	66	72	78	84	90	96	102	108	116	/	/	/
	L>200		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	1	1	1	1	1	1	1	1
	min		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		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		24	27	30	33	36	39	42	45	48	52	56	60	64
	Grade A	min	23.67	/	/	/	/	/	/	/	/	/	/	/	/
	Grade B	min	23.48	26.48	29.48	32.38	35.38	38.38	41.38	44.38	47.38	51.26	55.26	59.26	63.26
d _w	Grade A	min	33.61	/	/	/	/	/	/	/	/	/	/	/	/
	Grade B	min	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	39.98	/	/	/	/	/	/	/	/	/	/	/	/
	Grade B	min	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		15	17	18.7	21	22.5	25	26	28	30	33	35	38	40
	Grade A	max	15.215	/	/	/	/	/	/	/	/	/	/	/	/
		min	14.785	/	/	/	/	/	/	/	/	/	/	/	/
	Grade B	max	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	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
k ₁	Grade A	min	10.35	/	/	/	/	/	/	/	/	/	/	/	/
	Grade B	min	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
L ₁	max		4	6	6	6	6	6	8	8	10	10	12	12	13
r	min		0.8	1	1	1	1	1	1.2	1.2	1.6	1.6	2	2	2
s	max=nominal size		36	41	46	50	55	60	65	70	75	80	85	90	95
	Grade A	min	35.38	/	/	/	/	/	/	/	/	/	/	/	/
	Grade B	min	35	40	45	49	53.8	58.8	63.1	68.1	73.1	78.1	82.8	87.8	92.8