



- d** : Thread Nominal Diameter
- k** : Head Height
- t** : Groove Depth
- dk** : Head Diameter
- L** : Bolt Length
- s** : Width across flat
- e** : Width across corner

Nominal Size	ds		dk		k		s		w	
	Max	Min	Max	Min	Max	Min	Nom	Min	Min	Min
1/4"	6.35	6.19	9.52	9.28	6.35	6.2	4.78	3.05	2.42	25.4
5/16"	7.93	7.76	11.91	11.61	7.92	7.78	6.35	3.84	3.03	28.45
3/8"	9.52	9.35	14.27	13.97	9.52	9.35	7.92	4.63	3.64	31.75
7/16"	11.11	10.91	16.66	16.31	11.12	10.93	9.53	5.41	4.22	35.06
1/2"	12.7	12.5	19.05	18.67	12.7	12.5	9.53	6.23	4.83	38.1
5/8"	15.87	15.66	23.82	23.4	15.87	15.65	12.7	7.8	6.05	44.45
3/4"	19.05	18.82	28.57	28.12	19.05	18.8	15.88	9.4	7.24	50.8
7/8"	22.22	21.97	33.32	32.85	22.22	21.95	19.05	10.98	8.46	57.15
1"	25.4	25.11	38.1	37.57	25.4	25.1	19.05	12.58	9.66	63.5
1-1/8"	28.57	28.16	42.87	42.3	28.57	28.22	22.23	14.15	10.88	71.38
1-1/4"	31.75	31.34	47.62	47.05	31.75	31.4	22.23	15.75	12.07	79.25
1-3/8"	34.92	34.47	52.37	51.77	34.92	34.55	25.4	17.33	13.29	87.38
1-1/2"	38.1	37.64	57.15	56.49	38.1	37.72	25.4	18.93	14.48	95.25
1-3/4"	44.45	43.94	66.67	65.97	44.45	44.05	31.75	22.1	16.9	111.26
2"	50.8	50.25	76.2	75.44	50.8	50.37	38.1	25.28	19.31	127
2-1/4"	57.15	56.6	85.72	84.94	57.15	56.7	44.45	28.45	21.72	142.75
2-1/2"	63.5	62.9	95.25	94.42	63.5	63.02	44.45	31.63	24.13	158.75
2-3/4"	69.85	69.25	104.77	103.89	69.85	69.35	50.8	34.8	26.55	174.76
3"	76.2	75.6	114.3	113.39	76.2	75.67	57.15	37.98	28.96	190.5
3-1/4"	82.55	81.95	123.82	122.86	82.55	82	57.15	41.15	31.37	206.25
3-1/2"	88.9	88.3	133.35	132.36	88.9	88.35	69.85	44.33	33.79	222.25
3-3/4"	95.25	94.65	142.87	141.84	95.25	94.67	69.85	47.5	36.2	238.26
4"	101.6	101	152.4	151.34	101.6	101	76.2	50.68	38.61	254