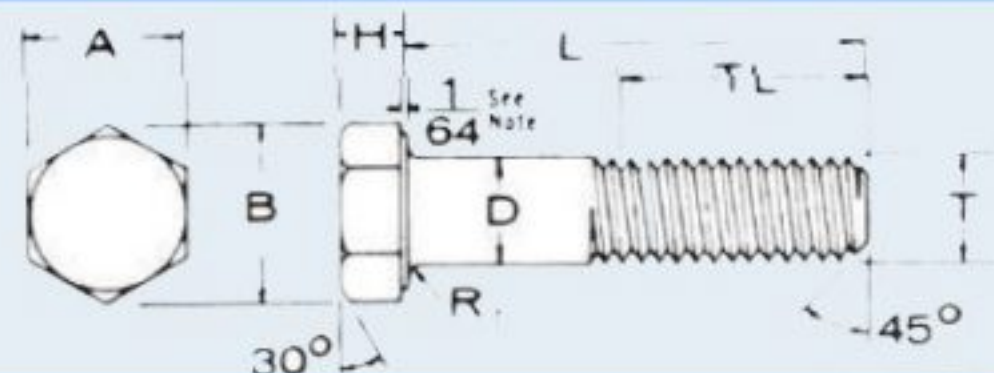


HEX CAP SCREWS

DIMENSIONAL DATA

ANSI B18:2.1



THREADS TO CLASS 2A TOLERANCE

THREAD SIZE	THREADS PER INCH		PITCH DIAMETER		THREAD LENGTH	BODY DIAMETER		WIDTH ACROSS FLATS			HEIGHT OF HEAD			HEX ACROSS CORNERS	
					TL	D		A			H			B	
Nom.			Min.	Max.	Min.	Min.	Max.	Nom.	Min.	Max.	Nom.	Min.	Max.	Min.	Max.
1/4	NC	20	0.2127	0.2164											
	NF	28	0.2225	0.2258	3/4	.2450	.2500	7/16	.4280	.4375	5/32	.150	.163	.488	.505
5/16	NC	18	0.2712	0.2752											
	NF	24	0.2806	0.2843	7/8	.3065	.3125	1/2	.4890	.5000	13/64	.195	.211	.557	.577
3/8	NC	16	0.3287	0.3331											
	NF	24	0.3430	0.3468	1	.3690	.3750	9/16	.5510	.5625	15/64	.226	.243	.628	.650
7/16	NC	14	0.3850	0.3897											
	NF	20	0.3995	0.4037	1-1/8	.4305	.4375	5/8	.6120	.6250	9/32	.272	.291	.698	.722
1/2	NC	13	0.4435	0.4485											
	NF	20	0.4619	0.4662	1-1/4	.4930	.5000	3/4	.7360	.7500	5/16	.302	.323	.840	.866
9/16	NC	12	0.5016	0.5068											
	NF	18	0.5205	0.5250	1-3/8	.5545	.5625	13/16	.7980	.8125	23/64	.348	.371	.910	.938
5/8	NC	11	0.5589	0.5644											
	NF	18	0.5828	0.5875	1-1/2	.6170	.6250	15/16	.9220	.9375	25/64	.378	.403	1.051	1.083
3/4	NC	10	0.6773	0.6832											
	NF	16	0.7029	0.7079	1-3/4	.7410	.7500	1-1/8	1.1000	1.1250	15/32	.455	.483	1.254	1.299
7/8	NC	9	0.7946	0.8009											
	NF	14	0.8216	0.8270	2	.8660	.8750	1-5/16	1.2850	1.3125	35/64	.531	.563	1.465	1.516
1	NC	8	0.9100	0.9168											
	NF	14	0.9463	0.9519	2-1/4	.9900	1.0000	1-1/2	1.4690	1.5000	39/64	.591	.627	1.675	1.732
1-1/8	NC	7	1.0228	1.0300											
	NF	12	1.0631	1.0691	2-1/2	1.1140	1.1250	1-11/16	1.6310	1.6875	11/16	.658	.718	1.859	1.949
1-1/4	NC	7	1.1476	1.1550											
	NF	12	1.1879	1.1941	2-3/4	1.2390	1.2500	1-7/8	1.8120	1.8750	25/32	.749	.813	2.066	2.165
1-3/8	NC	6	1.2563	1.2643											
	NF	12	1.3127	1.3190	3	1.3630	1.3750	2-1/16	1.9940	2.0625	27/32	.810	.878	2.273	2.382
1-1/2	NC	6	1.3812	1.3893											
	NF	12	1.4376	1.4440	3-1/4	1.4880	1.5000	2-1/4	2.1750	2.2500	15/16	.902	.974	2.480	2.598