UNIT : MM

PT.NO	THREAD SIZE (D)	THREAD PITCH	F MIN	C	A	K	V MAX	E	T MIN	R MIN	B MIN	Z1 APPROX.
1	M1.6	0.35	2.4	1.6	3	1.6	0.16	1.5	0.7	0.7	2	-
2	M2	0.4	3	2	3.8	2	0.2	1.5	1	0.1	2.6	-
3	M3	0.5	4.5	3	5.6	3	0.3	2.5	1.3	0.1	3.6	-
4	M4	0.7	6	4	7	4	0.4	3	2	0.2	4.7	-
5	M5	0.8	7.5	5	8.5	5	0.5	4	2.5	0.2	5.7	0.9
6	M6	1	9	6	10	6	0.6	5	3	0.25	6.8	1
8	M8	1.25	12	8	13	8	0.8	6	4	0.4	9.2	1.2
10	M10	1.5	15	10	16	10	1	8	5	0.4	11.2	1.5
12	M12	1.75	18	12	18	12	1.2	10	6	0.6	14.2	2
14	(M14)	2	21	14	21	14	1.4	12	7	0.6	16.2	2
16	M16	2	32	16	24	16	1.6	14	8	0.6	18.2	2
18	(M18)	2.5	36	18	27	18	1.8	14	9	0.6	20.2	0.5
20	M20	2.5	40	20	30	20	2	17	10	0.8	22.4	2.5
24	M24	3	48	24	36	24	2.4	19	12	0.8	26.4	3
27	(M27)	3	54	27	40	27	2.7	19	13.5	1	30.4	3
30	M30	3.5	60	30	45	30	3	22	15.5	1	33.4	3
33	(M33)	3.5	66	33	50	33	3.3	24	16.5	1	36.4	3
36	M36	4	72	36	54	36	3.6	27	19	1	39.4	3
42	M42	4.5	84	42	63	42	4.2	32	21	1.2	45.6	4
48	M48	5	96	48	72	48	4.8	36	24	1.6	52.6	4
52	(M52)	5	104	52	78	52	5.2	36	26	1.6	56.6	5
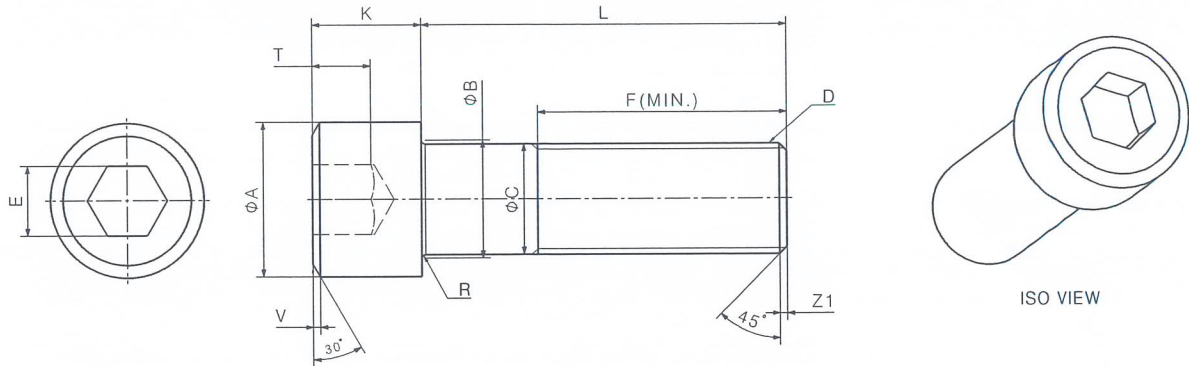
MODEL FOR PT.1 TO PT.52 (METRIC BOLT)

PT.1~PT.124: SCM440+Q.T (REF. ONLY)

EXAMPLE 1

TD0060701P020L070

TD0060701: 도면번호를 나타냄
P020 : 품번을 나타냄 (PT.020으로 M20)
L070 : 길이를 나타냄 (70mm)

UNIT : INCH

PT.NO	THREAD SIZE (D)	THREAD PITCH	A (IN) MAX	A (IN) MIN	H (IN) MAX	H (IN) MIN	S (IN) MIN	J (IN) MAX	J (IN) MIN	C (IN) MAX	C (IN) MIN	LT (IN) REF
101	0.112	40UNC	0.183	0.176	0.112	0.108	0.101	0.0952	0.0937	0.1120	0.1075	0.168
102	0.125	40UNC	0.205	0.198	0.125	0.121	0.112	0.0952	0.0937	0.1250	0.1202	0.1875
103	0.138	32UNC	0.226	0.218	0.138	0.134	0.124	0.1111	0.1094	0.1380	0.1329	0.207
104	0.164	32UNC	0.270	0.262	0.164	0.159	0.148	0.1426	0.1406	0.1640	0.1585	0.246
105	0.19	24UNC	0.312	0.303	0.190	0.185	0.171	0.1587	0.1562	0.1900	0.1840	0.285
106	0.25	20UNC	0.375	0.365	0.250	0.244	0.225	0.1900	0.1875	0.2500	0.2435	0.375
107	0.312	18UNC	0.469	0.457	0.312	0.306	0.281	0.2530	0.2500	0.3125	0.3053	0.468
108	0.375	16UNC	0.562	0.550	0.375	0.368	0.337	0.3160	0.3125	0.3750	0.3678	0.5625
109	0.438	14UNC	0.656	0.642	0.438	0.430	0.394	0.3790	0.3750	0.4375	0.4294	0.657
110	0.5	13UNC	0.750	0.735	0.500	0.492	0.450	0.3790	0.3750	0.5000	0.4919	0.75
111	0.625	11UNC	0.938	0.921	0.625	0.616	0.562	0.5050	0.5000	0.6250	0.6163	1.25
112	0.75	10UNC	1.125	1.107	0.750	0.740	0.675	0.6310	0.6250	0.7500	0.7408	1.5
113	0.875	9UNC	1.312	1.293	0.875	0.864	0.787	0.7570	0.7500	0.8750	0.7647	1.75
114	1	8UNC	1.500	1.479	1.000	0.988	0.900	0.7570	0.7500	1.0000	0.9886	2
115	1.125	8UN	1.688	1.665	1.125	1.111	1.012	0.8850	0.8750	1.1250	1.1086	2.25
116	1.25	8UN	1.875	1.852	1.250	1.236	1.125	0.8850	0.8750	1.2500	1.2336	2.5
117	1.375	8UN	2.062	2.038	1.375	1.360	1.237	1.0100	1.0000	1.3760	1.3568	2.75
118	1.5	8UN	2.250	2.224	1.500	1.485	1.350	1.0100	1.0000	1.5000	1.4818	3
119	1.75	8UN	2.625	2.597	1.75	1.734	1.575	1.2650	1.250	1.7500	1.7295	3.5
120	2	8UN	3.000	2.970	2.000	1.983	1.800	1.515	1.500	2.000	1.978	4.0
121	2.25	8UN	3.375	3.344	2.250	2.232	2.025	1.7675	1.750	2.250	2.228	4.25
122	2.5	8UN	3.750	3.717	2.500	2.481	2.250	1.7676	1.750	2.500	2.462	5.0
123	2.75	8UN	4.125	4.090	2.750	2.730	2.475	2.020	2.000	2.750	2.7262	5.5
124	3	8UN	4.500	4.464	3.000	2.979	2.700	2.2725	2.250	3.000	2.9762	6.0

ISO VIEW
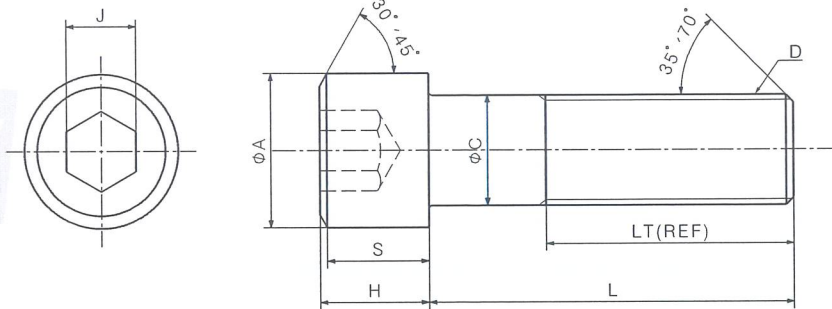
MODEL FOR PT.101 TO PT.124 (INCH BOLT)

제 작 용

NOTES
1. PT.1부터 PT.52는 METRIC 규격의 BOLT이고 PT.101부터 PT.124까지는 INCH BOLT규격임.
2. 제시되지 않은 치수는 ASME B18.3과 ASME B18.3.1M을 따를 것.
3. 이물질 및 날카로운 모서리는 제거할 것.

1. METRIC BOLT FROM PT.1 TO PT.52, AND INCH BOLT FROM PT.101 TO PT.124
2. FOLLOW ASME B18.3 AND ASME B18.3.1M FOR NOT SHOWN DIMENSION
3. REMOVE FOREIGN MATERIAL AND SHARP EDGE

EXAMPLE 2

TD0060701P114L070

TD0060701: 도면번호를 나타냄
P114 : 품번을 나타냄 (PT.114으로 1")
L070 : 길이를 나타냄 (70mm)

TITLE
HEX SOCKET HD BOLT

신 규 작 성
DESCRIPTION OF REVISION
REF. DWG NO. : REV. NO. : XX

UNIT : mm
SCALE : N/S

DWG NO : TD0060701

REV : B SHEET : 1/1

A1 (594x841mm)