

FED. SUPPLY CLASS

5306

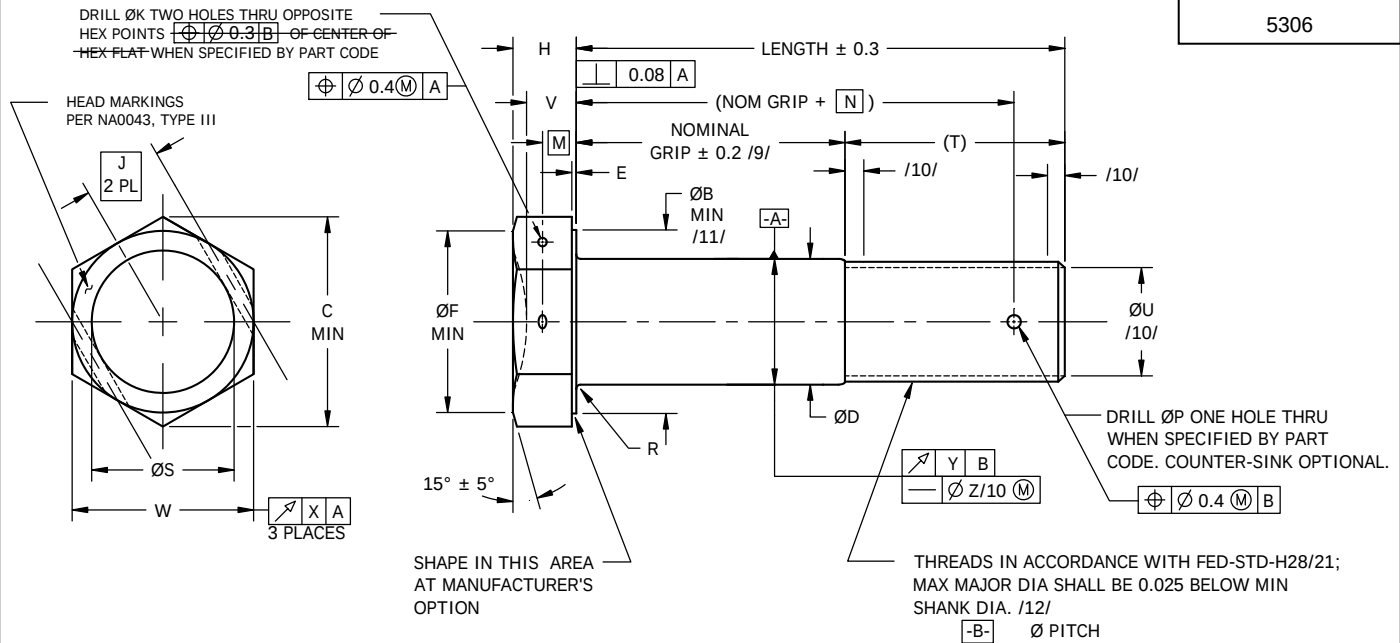


FIGURE 1 – BOLT

TABLE I – DIMENSIONS

DIA CODE	THREAD 4h6h	ØB MIN /11/	C MIN	ØD	E	ØF MIN	H	J BASIC	ØK	M BASIC	N BASIC	ØP	R RAD
050	MJ5 x 0.8	7.4	8.7	4.990 4.965	0.4 0.2	7.4	3.0 2.7	3.25	1.14 1.00	1.35	6.0	1.64 1.50	0.5 0.3
060	MJ6 x 1	9.3	10.9	5.990 5.965	0.4 0.2	9.4	3.5 3.2	4.10	1.54 1.40	1.60	7.0	1.64 1.50	0.7 0.5
080	MJ8 x 1	12.2	14.3	7.987 7.962	0.5 0.2	12.3	4.5 4.2	5.35	1.54 1.40	2.10	7.5	2.04 1.90	0.7 0.5
100	MJ10 x 1.25	16.0	18.9	9.987 9.962	0.5 0.2	16.3	5.0 4.7	7.10	1.74 1.60	2.35	9.0	2.54 2.40	0.8 0.6
120	MJ12 x 1.25	18.0	21.1	11.984 11.959	0.5 0.2	18.3	6.0 5.7	7.90	1.74 1.60	2.85	10.0	2.54 2.40	0.9 0.6
140	MJ14 x 1.5	21.0	24.5	13.984 13.959	0.6 0.3	21.3	7.0 6.7	9.20	1.74 1.60	3.35	12.0	3.14 3.00	1.1 0.8
160	MJ16 x 1.5	23.0	26.8	15.984 15.959	0.6 0.3	23.3	8.0 7.7	10.05	1.74 1.60	3.85	13.0	3.14 3.00	1.1 0.8
180	MJ18 x 1.5	26.0	30.2	17.984 17.959	0.6 0.3	26.3	9.0 8.7	11.30	1.74 1.60	4.35	14.5	3.98 3.80	1.3 1.0
200	MJ20 x 1.5	29.0	33.6	19.980 19.955	0.6 0.3	29.3	10.0 9.7	12.60	1.74 1.60	4.85	15.0	3.98 3.80	1.3 1.0

⑤ COMPLETELY REVISED

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 5
PROCUREMENT SPECIFICATION NA0008	TITLE BOLT, CLOSE TOLERANCE, HEXAGON HEAD, ALLOY STEEL, 1100 MPa, METRIC	CLASSIFICATION PART STANDARD



Documents
SHEET 1 OF 5

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TABLE I – DIMENSIONS (CONT)

DIA CODE	ØS	(T)	ØU	V	W	X FIM	Y FIM	Z FIM
050	5.25 4.75	9.0	4.0 3.5	2.0 1.7	8.0 7.85	0.25	0.12	0.02
060	6.25 5.75	10.0	4.7 4.2	2.3 2.0	10.0 9.78	0.30	0.12	0.02
080	8.25 7.75	11.5	6.7 6.2	3.0 2.7	13.0 12.73	0.40	0.15	0.02
100	10.25 9.75	14.5	8.4 7.9	3.4 3.1	17.0 16.73	0.50	0.15	0.015
120	12.25 11.75	16.0	10.4 9.9	4.0 3.7	19.0 18.67	0.60	0.18	0.015
140	14.25 13.75	19.0	12.0 11.5	4.7 4.4	22.0 21.67	0.70	0.18	0.015
160	16.25 15.75	20.5	14.0 13.5	5.4 5.1	24.0 23.67	0.75	0.18	0.015
180	18.25 17.75	22.5	16.0 15.5	6.0 5.7	27.0 26.67	0.75	0.18	0.015
200	20.25 19.75	24.5	18.0 17.5	6.7 6.4	30.0 29.67	0.75	0.21	0.015

MATERIAL:

ALLOY STEEL PER PROCUREMENT SPECIFICATION.

HEAT TREAT:

1100 MPa MINIMUM ULTIMATE TENSILE (36-40 HRC).

FINISH:

CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2 (8-14 µm THICK).

CODE:

FIRST THREE NUMBERS INDICATE NOMINAL SHANK DIAMETER IN MILLIMETERS AND TENTHS AS TABULATED.

SECOND THREE NUMBERS DESIGNATE NOMINAL GRIP LENGTH IN MILLIMETERS AS TABULATED.

DRILL: CODE LETTER "D" FOLLOWING BASIC PART NUMBER INDICATES DRILLED THREADS. /5/
CODE LETTER "H" FOLLOWING BASIC PART NUMBER INDICATES DRILLED HEAD.
CODE LETTERS "DH" FOLLOWING BASIC PART NUMBER INDICATE DRILLED HEAD AND THREADS.

EXAMPLE OF PART NUMBER:

NA0036-080016 = BOLT: MJ8 x 1 THREAD: 16 mm GRIP.

NA0036H080016 = BOLT: MJ8 x 1 THREAD: 16 mm GRIP; DRILLED HEAD.

NA0036DH090016 = BOLT: MJ8 x 1 THREAD: 16 mm GRIP; 1 mm OVERSIZE SHANK; DRILLED HEAD AND THREAD.

⑤ COMPLETELY REVISED

REVISION
5
NA0036
SHEET 2



Documents

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