

FED. SUPPLY CLASS

5306

ØK TWO HOLES

⊕ Ø 0.4 (M) A

WHEN SPECIFIED
BY PART CODE

IDENTIFY PER
NA0043 TYPE II
IN RADIAL PATTERN
RECESSED 0.25 MAX.

G RADIUS SPHERICAL

0.08 A

THREAD PER
FED-STD-H28/21

-A- MAJOR DIA

LENGTH ± 0.3

H

E

GRIP 1.5

0.8

/5/

N

/5/

ØU /6/

J

J

SLOT WHEN
SPECIFIED BY
PART CODE /8/

ØB MIN /7/

R

CHAMFER 15° TO ØB OPTIONAL

TABLE I – DIMENSIONS

DIA CODE	THREAD 4h6h	ØB MIN /7/	C MIN	E	F BASIC	G RAD ±0.3	H	J	ØK	M BASIC	N	R	ØU	W	Z FIM
050	MJ5 x 0.8	7.4	8.7	0.5 0.2	3.25	19.0	3.0 2.7	1.2 0.8	1.14 1.00	1.35	1.7 1.2	0.5 0.3	3.9 3.4	8.00 7.85	0.02
060	MJ6 x 1	9.3	10.9	0.5 0.2	4.10	19.0	3.5 3.2	1.2 0.8	1.54 1.40	1.60	2.2 1.7	0.7 0.5	4.7 4.2	10.00 9.78	0.02
080	MJ8 x 1	12.2	14.3	0.5 0.2	5.35	25.4	4.5 4.2	2.0 1.6	1.54 1.40	2.10	3.3 2.5	0.7 0.5	6.7 6.2	13.00 12.73	0.02
100	MJ10 x 1.25	16.0	18.9	0.6 0.3	7.10	25.4	5.0 4.7	2.0 1.6	1.74 1.60	2.35	4.3 3.5	0.8 0.6	8.4 7.9	17.00 16.73	0.015
120	MJ12 x 1.25	18.0	21.1	0.6 0.3	7.90	32.0	6.0 5.7	2.0 1.6	1.74 1.60	2.85	5.2 4.2	0.9 0.6	10.4 9.9	19.00 18.67	0.015

① COMPLETELY REVISED

THIRD
ANGLE
PROJECTION

CUSTODIAN
NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION

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PROCUREMENT
SPECIFICATION

TITLE

CLASSIFICATION
PART STANDARD

NOTED

**BOLT, ADJUSTING, CROWN HEXAGON HEAD,
ALLOY STEEL, FULL THREAD, 1100 MPa, METRIC**



Documents
SHEET 1 OF 3

MATERIAL:

ALLOY STEEL PER PROCUREMENT SPECIFICATION.

HEAT TREATMENT:

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

FINISH:

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

CODE:

FIRST THREE DIGITS OF THE DASH NUMBER DESIGNATE NOMINAL THREAD DIAMETER AS TABULATED.
SECOND THREE DIGITS DESIGNATE NOMINAL LENGTH IN MILLIMETERS. SEE TABLE II FOR SUGGESTED LIMITS.
CODE LETTER "H" FOLLOWING BASIC NUMBER (REPLACING THE DASH) DESIGNATES DRILLED HEAD.
CODE LETTER "S" FOLLOWING BASIC NUMBER DESIGNATES SLOTTED SHANK.

EXAMPLE OF PART NUMBER:

NA0126-060052 = ALLOY STEEL CROWNED HEXAGON HEAD MJ6 x 1 FULLY THREADED ADJUSTING BOLT
WITH LENGTH OF 52 mm.
NA0126H060052 = DRILLED HEAD MJ6 x 1 BY 52 mm ADJUSTING BOLT.
NA0126S060052 = SLOTTED SHANK MJ6 x 1 BY 52 mm ADJUSTING BOLT.
NA0126HS060052 = DRILLED HEAD AND SLOTTED SHANK MJ6 x 1 BY 52 mm ADJUSTING BOLT.

NOTES:

- (1) SURFACE ROUGHNESS: BEARING SURFACE OF HEAD, HEAD TO SHANK FILLET RADIUS, SHANK, AND ALL
THREAD ELEMENTS: 0.8 μ m Ra; ALL OTHER SURFACES: 3.2 μ m Ra PER ASME B46.1.
- (2) REMOVE ALL BURRS AND SHARP EDGES.
- (3) DIMENSIONS IN MILLIMETERS AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (4) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- /5/ INCOMPLETE THREADS IN ACCORDANCE WITH FED-STD-H28/21.
- /6/ POINT SHALL BE FLAT AND CHAMFERED TO 45° APPROXIMATELY FROM ØU.
- /7/ WASHER FACE DIAMETER SHALL NOT EXCEED ACTUAL WIDTH ACROSS HEX FLATS.
- /8/ SLOT IN SHANK NEED NOT BE IN ANY DEFINITE RELATION TO THE BOLT HEAD.

REVISION

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Documents
SHEET 2

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