

FED SUPPLY CLASS

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AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
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FORM 12-01

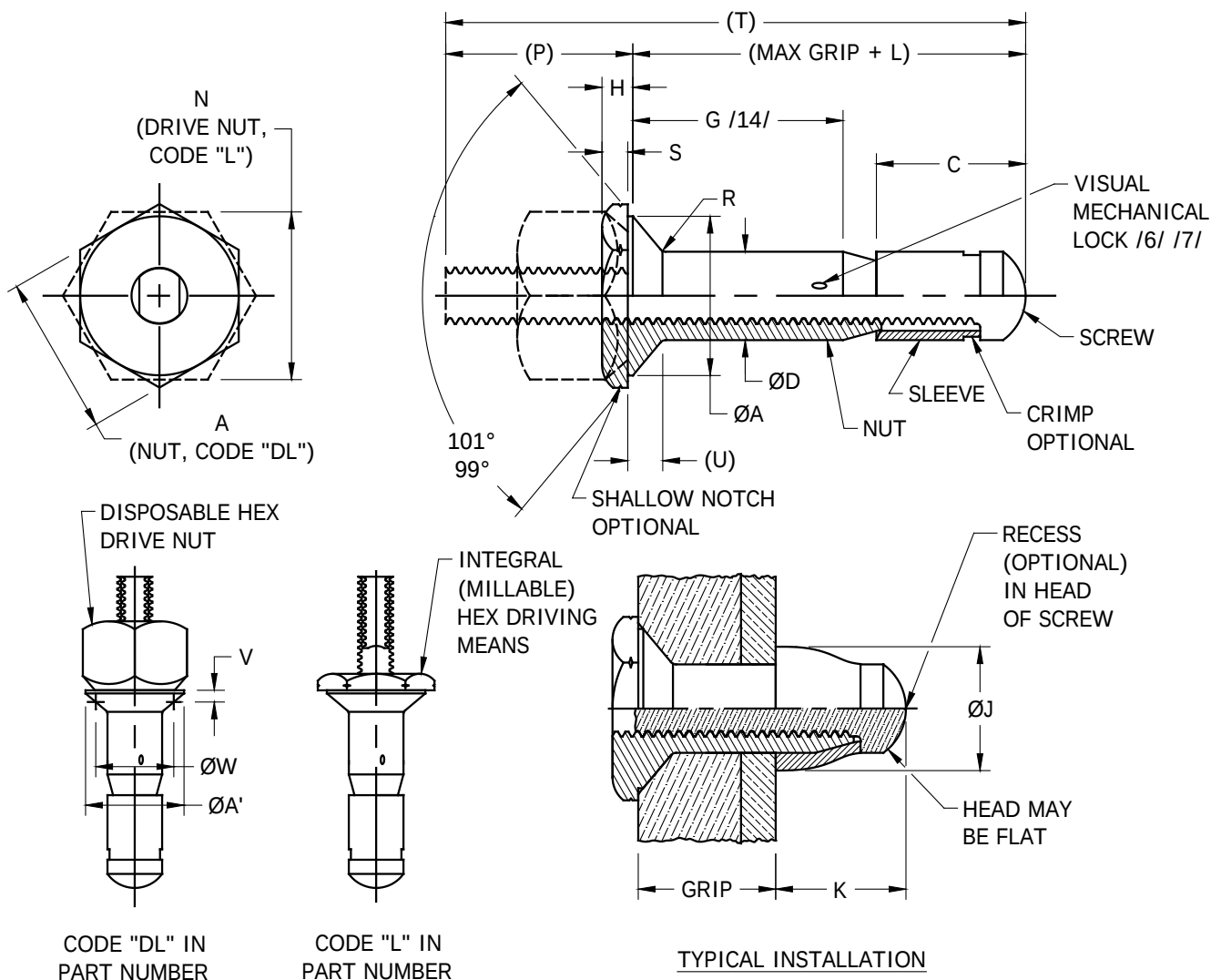


TABLE I – DIMENSIONS

FIRST DASH NUMBER (DIA)	NOM DIA	CODE "L" FASTENERS				CODE "DL" FASTENERS						C MAX	ØD	ØJ MAX	K MAX	(L)	R RAD	(U)
		ØA ACTUAL	H	(P)	S	ØA THEOR	ØA' MIN	N	(P)	ØW GAGE	V GAGE PROT							
08	.164	.283 .277	.074 .067	.390	.054 .044	.278	.259	.375	.766	.1992 .1990	.0346 .0317	.268	.1645 .1625	.244	.246	.340	.030 .010	.049
3	.200	.346 .332	.079 .072	.459	.059 .049	.333	.310	.375	.806	.2440 .2438	.0389 .0359	.303	.1990 .1970	.300	.281	.385	.030 .015	.061
4	.260	.472 .458	.079 .072	.426	.059 .049	.458	.430	.375	.905	.3314 .3312	.0550 .0514	.354	.2600 .2580	.384	.325	.447	.030 .015	.088

THIRD
ANGLE
PROJECTION

PROCUREMENT
SPECIFICATION

NAS1675

CUSTODIAN

NATIONAL AEROSPACE STANDARDS COMMITTEE

TITLE

**FASTENER, BLIND, INTERNALLY THREADED, EXTERNAL SLEEVE,
LIGHTWEIGHT, FLUSH HEAD, MILLABLE & NONMILLABLE,
SELF-LOCKING**

REVISION

7

CLASSIFICATION
PART STANDARD

NAS1675

SHEET 1 OF 4

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MATERIAL:

NUT – ALUMINUM	}	SEE PROCUREMENT SPECIFICATION (CLASS 3)
SCREW - ALLOY STEEL		
SLEEVE - CORROSION RESISTANT STEEL		
DRIVE NUT - MILD STEEL		

FINISH:

NUT - ANODIZE (CLEAR)	}	SEE PROCUREMENT SPECIFICATION
SCREW & SLEEVE - CADMIUM PLATE		
DRIVE NUT - COLOR CODED BLUE		

LUBRICATION:

SEE PROCUREMENT SPECIFICATION

CODE:

FIRST DASH NUMBER DESIGNATES FASTENER DIAMETER AS SHOWN IN TABLE I.
 SECOND DASH NUMBER DESIGNATES FASTENER GRIP AS SHOWN IN TABLE II.
~~ADD "K" BETWEEN FIRST AND SECOND DASH NUMBER TO DESIGNATE MILLED DRIVING FLATS ON SCREW.~~
 (INACTIVE FOR NEW DESIGN).
~~ADD "W" BETWEEN FIRST AND SECOND DASH NUMBER TO DESIGNATE DRIVING SPLINES ON SCREW.~~
 (INACTIVE FOR NEW DESIGN).
~~NO LETTER BETWEEN FIRST AND SECOND DASH NUMBER DESIGNATES OPTIONAL DRIVING PROVISIONS.~~
 (INACTIVE FOR NEW DESIGN).
 ADD "L" BETWEEN FIRST AND SECOND DASH NUMBER TO DESIGNATE FASTENER WITH SELF-LOCKING PROVISIONS.
 ADD "DL" BETWEEN FIRST AND SECOND DASH NUMBER TO DESIGNATE FASTENER WITH SELF-LOCKING PROVISIONS AND DRIVE NUT FEATURE.

EXAMPLE OF PART NUMBER:

~~NAS1674 3-5 = LIGHTWEIGHT BLIND FASTENER, FLUSH HEAD WITH A SHANK DIAMETER OF .1980 OF AN INCH AND A GRIP OF .282-.344 WITH OPTIONAL DRIVING PROVISIONS. (INACTIVE FOR NEW DESIGN)~~

NAS1674-3L5 = LIGHTWEIGHT BLIND FASTENER, FLUSH HEAD WITH A SHANK DIAMETER OF .1980 OF AN INCH AND GRIP OF .282 - .344 AND SELF-LOCKING FEATURE.

NAS1674-4DL6 = LIGHTWEIGHT BLIND FASTENER, FLUSH HEAD WITH A SHANK DIAMETER OF .2590 OF AN INCH AND GRIP OF .345 - .406, SELF-LOCKING FEATURE AND DRIVE NUT FEATURE.

NOTES:

- (1) "G" IS THE MEAN DIMENSION TO THE NUT NOSE ANGLE INTERSECTION. THIS INTERSECTION LOCATION MAY VARY AROUND THE PERIPHERY DUE TO ECCENTRICITY.
- (2) REMOVE ALL BURRS AND SHARP EDGES.
- (3) OUTSIDE DIAMETER OF HEAD OF SCREW AND OUTSIDE DIAMETER OF SLEEVE SHALL NOT BE GREATER THAN MAXIMUM "ØD".
- (4) CONCENTRICITY OF NUT HEAD CONICAL SURFACE TO "ØD" SHALL BE WITHIN .005 FIM EXCEPT IN SELF-LOCKING AREA /7/.
- (5) TEMPERATURE LIMITATION: 250 °F MAX.

REVISION

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NAS1674
SHEET 2



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