

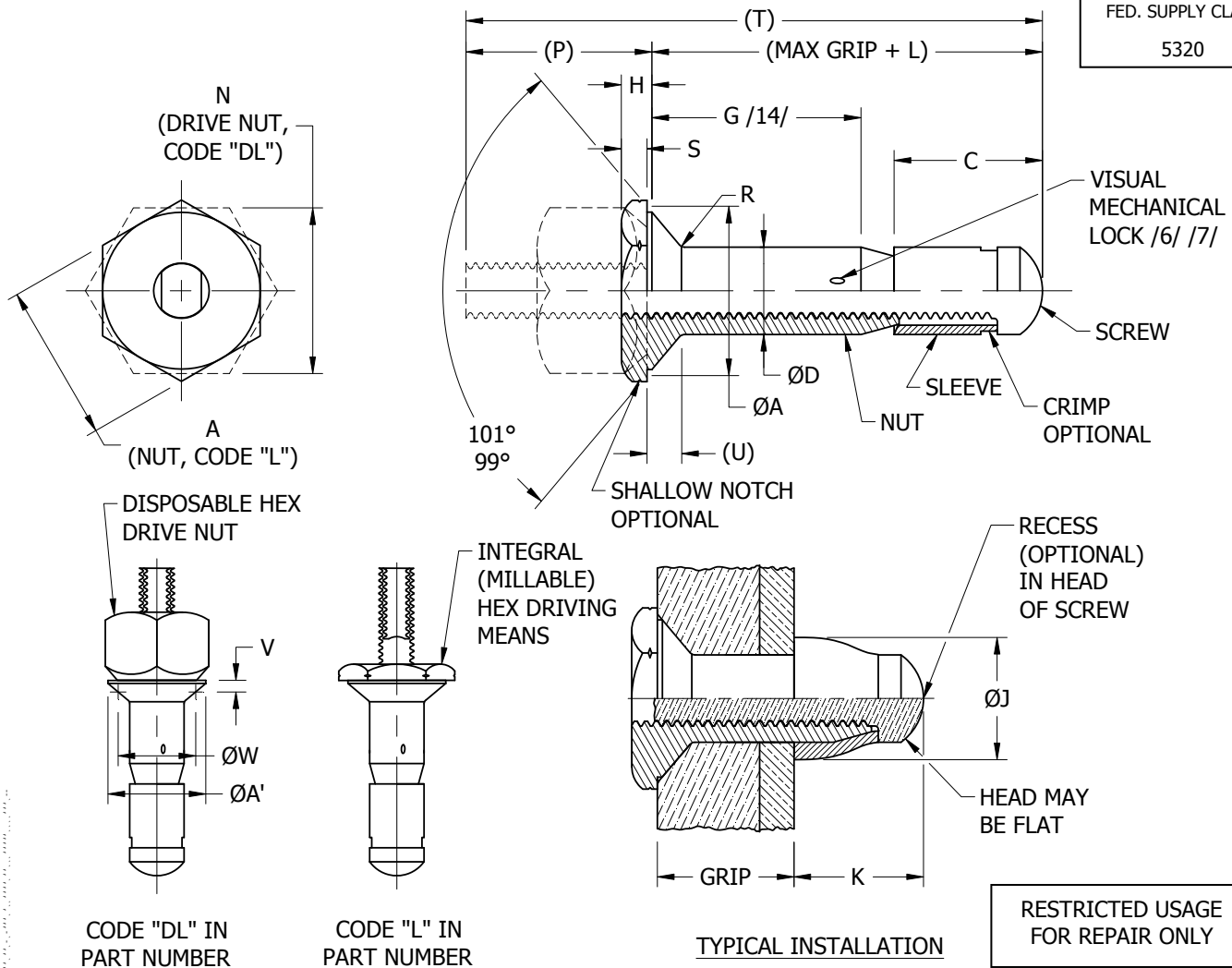


TABLE I – DIMENSIONS

FIRST DASH NUMBER (DIA)	NOM DIA	CODE "L" FASTENERS				CODE "DL" FASTENERS						C MAX	ØD	ØJ MAX	K MAX	(L)	R RAD	(U)
		A 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	.293	.180 .178	.244	.272	.388	.030 .010	.043
3	.200	.346 .332	.079 .072	.459	.059 .049	.333	.310	.375	.806	.2440 .2438	.0389 .0359	.328	.215 .213	.300	.312	.433	.030 .015	.055
4	.260	.472 .458	.079 .072	.426	.059 .049	.458	.430	.375	.905	.3314 .3312	.0550 .0514	.379	.276 .274	.384	.351	.495	.030 .015	.082

MATERIAL: NUT - ALUMINUM ALLOY
SCREW - ALLOY STEEL
SLEEVE - CORROSION RESISTANT STEEL
DRIVE NUT - MILD STEEL

SEE PROCUREMENT SPECIFICATION
(CLASS 3)

THIRD ANGLE PROJECTION	
PROCUREMENT SPECIFICATION	NAS1675

CUSTODIAN	NATIONAL AEROSPACE STANDARDS COMMITTEE
TITLE	FASTENER, BLIND, INTERNALLY THREADED, EXTERNAL SLEEVE, LIGHTWEIGHT, FLUSH HEAD, MILLABLE & NON-MILLABLE, SELF-LOCKING, 1/64" OVERSIZE

REVISION	5
CLASSIFICATION PART STANDARD	NAS1754 SHEET 1 OF 3

- FINISH:** NUT - ANODIZE (GREEN)
SCREW & SLEEVE - CADMIUM PLATE
DRIVE NUT - COLOR CODED BLUE } SEE PROCUREMENT SPECIFICATION
- 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 "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.
- INTERCHANGEABILITY:** THE "DL" CODE FASTENERS (DRIVE NUT) AND "L" CODE FASTENERS (NO DRIVE NUT) ARE FUNCTIONALLY INTERCHANGEABLE. THERE IS NO DIFFERENCE IN INSTALLED CONDITION.
"DL" PARTS USE EXISTING INSTALLATION TOOLING. THE NOSE ADAPTOR CURRENTLY USED TO INSTALL NAS1669-4L AND NAS1671-4L HEX HEAD PARTS IS USED TO INSTALL -08DL, -3DL AND -4DL SIZES. THE WRENCH ADAPTORS WHICH ENGAGE AND ROTATE THE SCREW DRIVING FLATS DURING INSTALLATION ARE THE SAME FOR "L" AND "DL" CODE FASTENERS.
THE "DL" CONFIGURATION IS CONSIDERED THE PREFERRED FASTENER SYSTEM.
- EXAMPLE:** NAS1754-3L5 = LIGHTWEIGHT BLIND FASTENER, FLUSH HEAD WITH A SHANK DIAMETER OF .2140, A GRIP OF .282 - .344 AND SELF LOCKING FEATURE, 1/64 OVERSIZE.
NAS1754-4DL6 = LIGHTWEIGHT BLIND FASTENER, FLUSH HEAD WITH A SHANK DIAMETER OF .2750, A GRIP OF .345 - .406, SELF-LOCKING FEATURE AND DRIVE NUT FEATURE, 1/64 OVERSIZE.
- 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) PARTS SHALL BE FREE OF ALL LOOSE OR HANGING BURRS.
 - (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.
 - /6/ LOCKING FEATURE CONSISTS OF THREE (3) SPHERICAL INDENTATIONS LOCATED 120° APART ON THE PERIPHERY OF THE NUT COMPONENT AND APPROXIMATELY .040 ABOVE THE INTERSECTION OF THE NUT NOSE ANGLE AND O.D. (MEAN GRIP OF FASTENER).
 - /7/ DISTORTION OF "ØD" SHALL NOT EXCEED "ØD" MAX +.002.
 - (8) ~~FASTENER IS IDENTIFIED BY GREEN DYE OF NUT COMPONENT WHICH INDICATES A STANDARD DIAMETER FASTENER WITH SELF-LOCKING FEATURE. EXISTING FASTENER MANUFACTURER'S STOCK CURRENTLY IDENTIFIED WITH A RED OR BLUE DYED NUT COMPONENT MAY BE REWORKED TO INCORPORATE THE LOCKING FEATURE AND MAY BE IDENTIFIED BY OVER STAMPING CODE LETTER(S) "L" OR "SL" ON HEAD OF NUT.~~
 - (9) NAS1754 IS AN OVERSIZE REPLACEMENT FOR NAS1674.
 - (10) LUBRICANTS MAY BE USED BY MANUFACTURER TO FACILITATE DRIVING.
 - (11) ~~TYPE "L" INACTIVE FOR NEW DESIGN AFTER MARCH 1989. SUPERSEDED BY TYPE "DL".~~

REVISION

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NAS1754
SHEET 2



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