

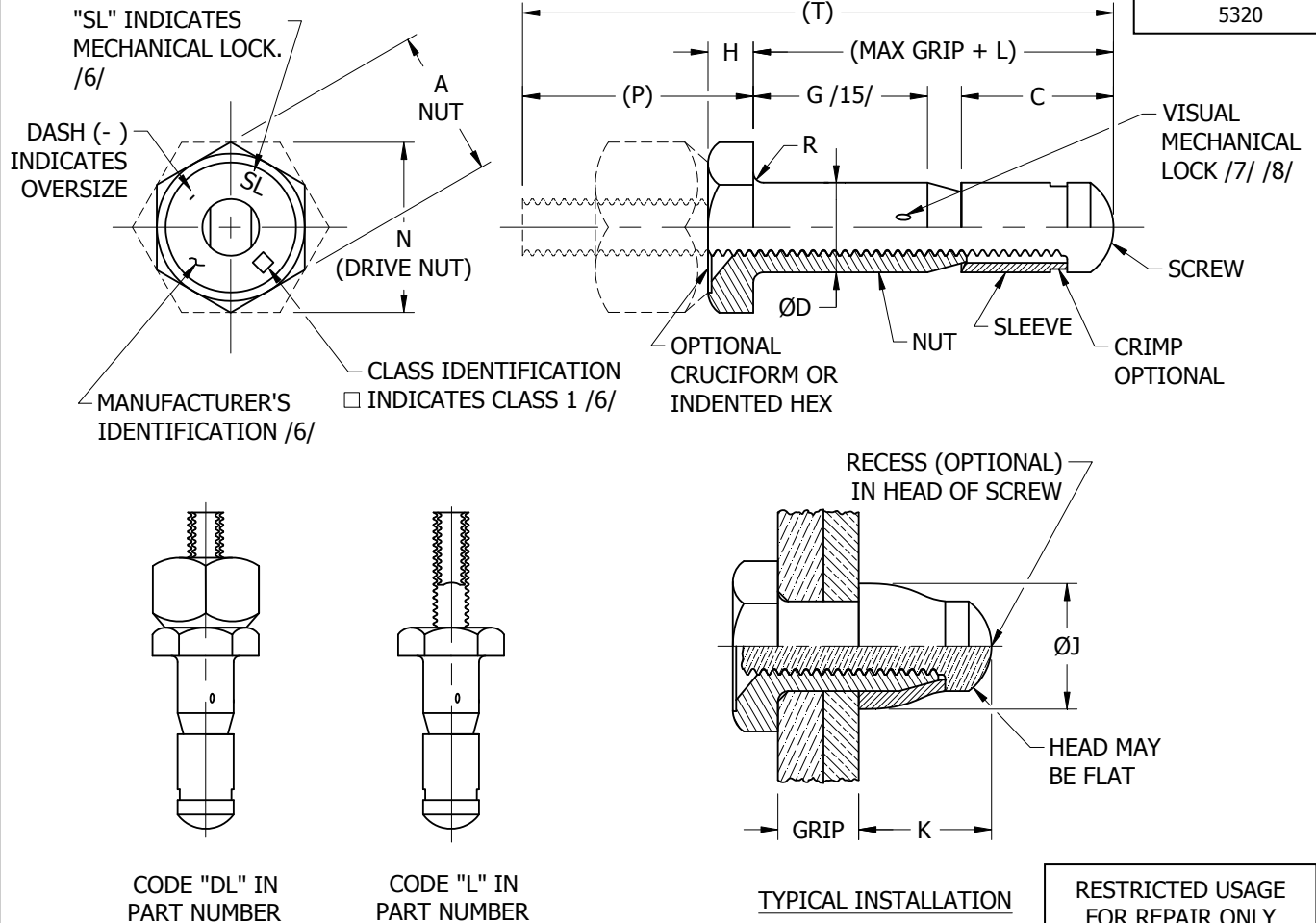


TABLE I - DIMENSIONS

FIRST DASH NUMBER (DIA)	NOM DIA	A	C MAX	ØD	H MAX	ØJ MAX	K MAX	(L)	N	(P)		R RAD
										"L"	"DL"	
08	.164	.250 .244	.293	.180 .178	.096	.244	.272	.388	.375	.388	.828	.020 .010
3	.200	.312 .305	.328	.215 .213	.113	.300	.312	.433	.375	.484	.868	.025 .015
4	.260	.375 .367	.379	.276 .274	.135	.384	.351	.495	.375	.493	1.030	.025 .015
5	.312	.437 .429	.448	.327 .325	.160	.427	.426	.598	.500	.542	1.282	.030 .015
6	.375	.500 .491	.535	.390 .388	.190	.516	.495	.708	.500	.506	1.351	.030 .015

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

SEE PROCUREMENT SPECIFICATION (CLASS 1)

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 5
PROCUREMENT SPECIFICATION NAS1675	TITLE FASTENER, BLIND, INTERNALLY THREADED, EXTERNAL SLEEVE, GENERAL PURPOSE, PROTRUDING HEAD, SELF-LOCKING, 1/64" OVERSIZE	CLASSIFICATION PART STANDARD

- FINISH:** DRIVE NUT - COLOR CODED GOLD.
NUT, SCREW & SLEEVE - CADMIUM PLATE, SEE PROCUREMENT SPECIFICATION.
- LUBRICANT:** SEE PROCUREMENT SPECIFICATION.
- CODE:** FIRST DASH NUMBER DESIGNATES FASTENER DIAMETER AS SHOWN IN TABLE I.
SECOND DASH NUMBER DESIGNATES FASTENERS 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 EXCEPT A NEW HEX NOSE ADAPTOR IS REQUIRED FOR THE -5DL SIZE. 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 -6DL SIZE IS INSTALLED WITH THE SAME NOSE ADAPTOR CURRENTLY USED TO INSTALL NAS1669-6L AND NAS1671-6L HEX HEAD FASTENERS. 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:** NAS1751-3L5 = GENERAL PURPOSE BLIND FASTENER, PROTRUDING HEAD WITH A SHANK DIAMETER OF .2140 AND GRIP OF .282 - .344 AND SELF-LOCKING FEATURE, 1/64 OVERSIZE.
NAS1751-4DL6 = GENERAL PURPOSE BLIND FASTENER, PROTRUDING HEAD WITH A SHANK DIAMETER OF .2750 AND 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) BEARING SURFACE OF HEAD SHALL BE AT RIGHT ANGLE TO THE SHANK WITHIN 1/2 DEGREE.
 - (5) TEMPERATURE LIMITATION: 450 °F MAX.
 - /6/ HEAD MARKINGS RAISED OR DEPRESSED .010 MAX.
 - /7/ 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).
 - /8/ DISTORTION OF "ØD" SHALL NOT EXCEED "ØD" MAX +.001. FASTENERS MANUFACTURED PRIOR TO 1 JANUARY 1988, SHALL NOT EXCEED "ØD" MAX +.002.
 - (9) ~~EXISTING FASTENER MANUFACTURERS STOCK MAY BE REWORKED TO INCORPORATE LOCKING FEATURE AND MAY BE IDENTIFIED BY OVER STAMPING CODE LETTER (S) "L" OR "SL" ON HEAD OF NUT.~~
 - (10) NAS1751 IS AN OVERSIZE REPLACEMENT FOR NAS1669.
 - (11) LUBRICANTS MAY BE USED BY THE MANUFACTURER TO FACILITATE DRIVING.
 - (12) ~~TYPE "L" INACTIVE FOR NEW DESIGN AFTER MARCH 1989. SUPERSEDED BY TYPE "DL".~~

REVISION

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NAS1751

SHEET 2



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