

FED. SUPPLY CLASS

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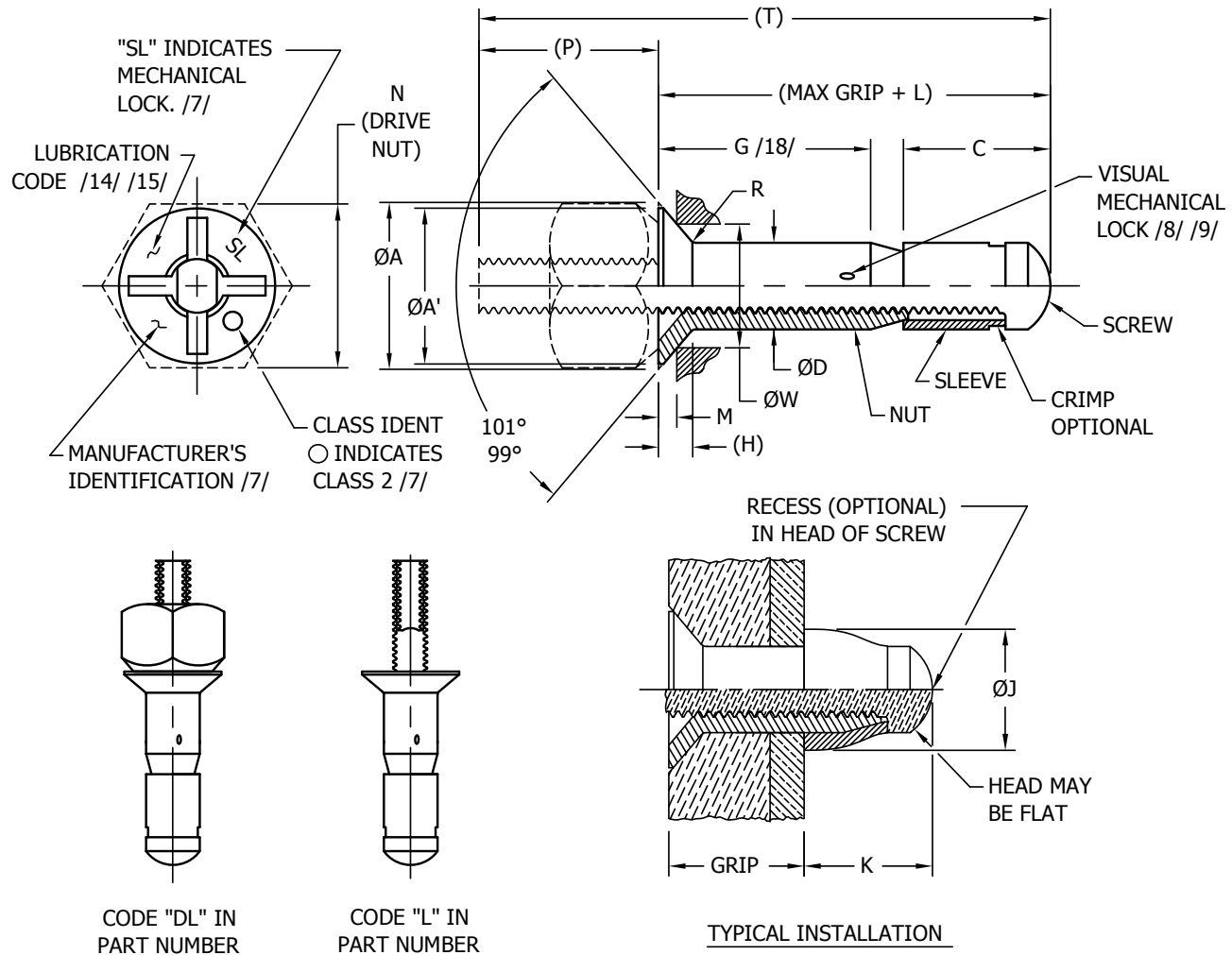


TABLE I – DIMENSIONS

FIRST DASH NUMBER (DIA)	NOM DIA	ØA THEO	ØA' ABS MIN	C MAX	ØD	(H)	ØJ MAX	K MAX	(L)	M HEAD PROT	N	(P)		R RAD	ØW GAGE
												"L"	"DL"		
08	.164	.332 .325	.296	.268	.1645 .1625	.069	.244	.246	.340	.0276 .0238	.375	.321	.766	.030 .010	.2671 .2667
3	.200	.385 .378	.342	.303	.1990 .1970	.077	.300	.281	.385	.0299 .0259	.375	.396	.806	.030 .015	.3147 .3143
4	.260	.507 .499	.463	.354	.2600 .2580	.102	.384	.325	.447	.0353 .0307	.375	.363	.905	.030 .015	.4245 .4241
5	.312	.635 .626	.577	.423	.3115 .3095	.134	.427	.390	.550	.0409 .0357	.500	.412	1.157	.040 .020	.5389 .5385
6	.375	.762 .752	.696	.510	.3745 .3725	.160	.516	.470	.660	.0466 .0407	.500	.376	1.226	.040 .020	.6532 .6528

THIRD ANGLE PROJECTION

CUSTODIAN
NATIONAL AEROSPACE STANDARDS COMMITTEE

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PROCUREMENT SPECIFICATION

NAS1675

TITLE
**FASTENER, BLIND, INTERNALLY THREADED,
EXTERNAL SLEEVE, HIGH TEMPERATURE,
FLUSH HEAD, SELF-LOCKING**

CLASSIFICATION
PART STANDARD

NAS1672
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MATERIAL: NUT, SCREW & SLEEVE - A286 HEAT RESISTANT STEEL. SEE PROCUREMENT SPECIFICATION. (CLASS 2)
DRIVE NUT - MILD STEEL.

FINISH: DRIVE NUT - COLOR CODED BLACK
NUT, SCREW & SLEEVE - PASSIVATED, SEE PROCUREMENT SPECIFICATION.

LUBRICATION: SEE PROCUREMENT SPECIFICATION: GRAPHITE FREE DRY FILM PER MIL-PRF-81329 OR DRY FILM TO
CHEMICAL REQUIREMENTS OF AS5272 WITH A TOTAL WEIGHT LOSS (TWL) LESS THAN 1% AND LESS
THAN .1% VOLATILE CONDENSABLE MATERIALS (VCM) WHEN TESTED IN ACCORDANCE WITH NASA
SPECIFICATION SP-R-0022 OR ASTM E595. /14/ /15/ /16/

CODE: FIRST DASH NUMBER DESIGNATES FASTENER DIAMETER AS SHOWN IN TABLE I.
SECOND DASH NUMBER DESIGNATES FASTENERS GRIP AS SHOWN IN TABLE II.
~~ADD "K" BETWEEN FIRST AND SECOND DASH NUMBER TO DESIGNATE FOUR VANE RECESS IN HEAD OF
NUT AND MILLED DRIVING FLATS ON SCREW. (INACTIVE FOR NEW DESIGN)~~
~~ADD "W" BETWEEN FIRST AND SECOND DASH NUMBER TO DESIGNATE SIX VANE RECESS IN HEAD OF
NUT AND 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.
ADD "B" AFTER SECOND DASH NUMBER TO DESIGNATE GRAPHITE FREE DRY FILM LUBRICANT PER
MIL-PRF-81329. /14/ /16/
ADD "U" AFTER SECOND DASH NUMBER TO DESIGNATE DRY FILM LUBRICANT TO THE CHEMICAL
REQUIREMENTS OF AS5272. /15/ /16/
NO CODE AFTER SECOND DASH NUMBER DESIGNATES LUBRICANTS (PARAFFIN WAX, CETYL ALCOHOL,
ETC.) AS REQUIRED TO MEET PERFORMANCE REQUIREMENTS.

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: ~~NAS1672-3-5 = HIGH TEMPERATURE BLIND FASTENER, FLUSH HEAD WITH A SHANK DIAMETER OF
.1980 AND A GRIP OF .282-.344 WITH OPTIONAL DRIVING PROVISIONS.
(INACTIVE FOR NEW DESIGN).~~

NAS1672-3L5 = HIGH TEMPERATURE BLIND FASTENER, FLUSH HEAD WITH A SHANK DIAMETER OF
.1980 AND GRIP OF .282 - .344 AND SELF-LOCKING FEATURE.

NAS1672-4DL6 = HIGH TEMPERATURE BLIND FASTENER, FLUSH HEAD WITH A SHANK DIAMETER OF
.2590 AND GRIP OF .345 - .406, SELF-LOCKING FEATURE AND DRIVE NUT FEATURE.

NAS1672-4DL6B = HIGH TEMPERATURE BLIND FASTENER, FLUSH HEAD WITH A SHANK DIAMETER OF
.2590 AND A GRIP OF .345 - .406, SELF-LOCKING AND DRIVE NUT FEATURE AND
GRAPHITE FREE DRY FILM LUBE PER MIL-PRF-81329.

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