

FED. SUPPLY CLASS

5340

2X .1900-32 UNF-2B THREADED INSERT - LOCKING /9/

SAFETY WIRE HOLE FOR
Ø.032 WIRE. /1/

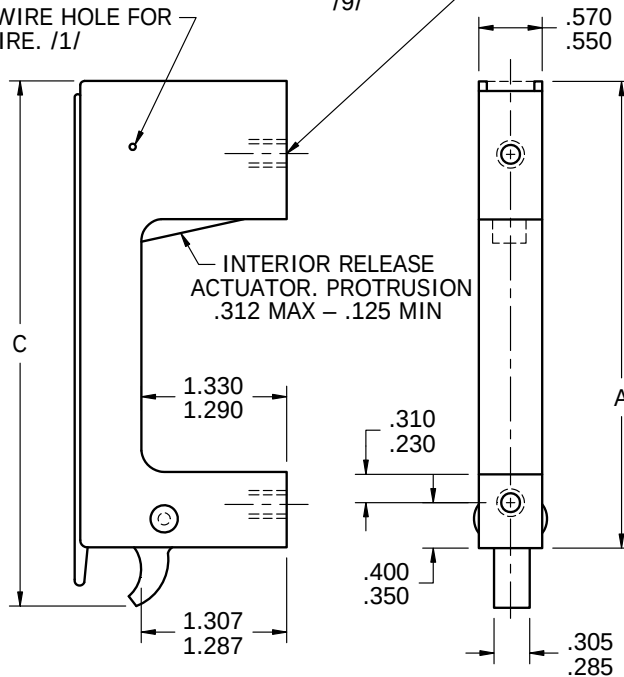


FIGURE 1 – INTERNAL RELEASE HANDLE
NAS1637-3 & -4
USED ON NAS1637-1 & -2 ASSEMBLIES

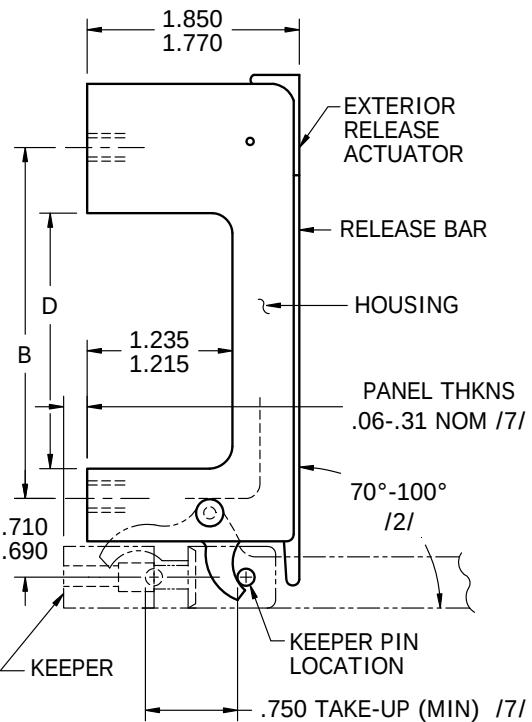


FIGURE 2 – EXTERNAL RELEASE HANDLE
NAS1637-8 & -9
USED ON NAS1637-6 & -7 ASSEMBLIES

2X .1900-32 UNF-2B THREADED INSERT - LOCKING /9/

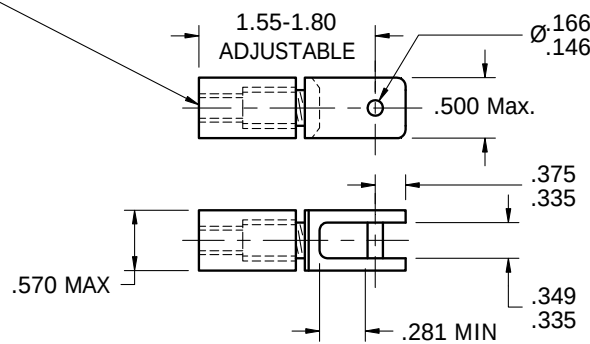


FIGURE 3 – ADJUSTABLE KEEPER; PART NUMBER “-5” /11/

THIRD ANGLE PROJECTION	
PROCUREMENT SPECIFICATION	NONE

CUSTODIAN	NATIONAL AEROSPACE STANDARDS COMMITTEE
TITLE	HANDLE, LATCHING, INTERNAL & EXTERNAL RELEASE, COMPONENTS & ASSEMBLY

REVISION	3
CLASSIFICATION PART STANDARD	NAS1637



NAS1637
SHEET 1 OF 3
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TABLE I – DIMENSIONS

BASIC PART NO	DASH NO. FOR ASSEMBLY (HDL & -5 KEEPER)		DASH NO. FOR HANDLE (LESS -5 KEEPER)		A MAX	B ± .005	C MAX	D MIN	NOMINAL RELEASE PRESSURE (LBF) /4/
NAS1637	1	6	3	8	5.395	4.375	6.350	3.500	15
NAS1637	2	7	4	9	4.015	3.000	4.975	2.125	25

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MATERIAL:

HANDLE AND INTEGRAL PARTS – ALUMINUM ALLOY TO MEET STRENGTH REQUIREMENTS LISTED BELOW.

INSERTS – CRES, AUSTENITIC SERIES.

SPRINGS – CARBON STEEL PER QQ-S-640, ASTM A682/A682M, MIL-S-46049, QQ-S-698, OR ASTM A684/A684M.

– MUSIC WIRE PER QQ-W-470 ASTM A228/A228M.

PINS – CRES, OR STEEL, HIGH CARBON, PER MIL-P-10971 NASM10971.

FINISH:

ALUMINUM PARTS – SEMI-GLOSS BLACK EPOXY PAINT, PER MIL-PRF-22750.

BRUSHED ALUMINUM – BRUSH SATIN FINISH NOMINAL 180 FINE GRIT, SIDES AND FRONT FACES, STROKE DIRECTION PER “A” DIMENSION (LONG AXIS), CLEAR PROTECTIVE COATING.

CARBON STEEL PARTS – CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 3 OR BETTER.

CRES PARTS – PASSIVATE BY IMMERSION FOR A PERIOD OF 30 MINUTES IN A SOLUTION CONTAINING 20%, BY VOLUME, OF NITRIC ACID AT A ROOM TEMPERATURE OF 70 °F ± 5 °F, FOLLOWED BY A THOROUGH RINSE IN HOT WATER (IN ACCORDANCE WITH MIL-DTL-14072, FINISH E300).

CODE:

FIRST DASH NUMBER – CONFIGURATION PER SHEET 1

FIRST CODE LETTER – FINISH

“B” – BLACK EPOXY PAINT

“P” – BRUSHED FINISH WITH CLEAR PROTECTIVE COATING

EXAMPLES OF PART NUMBERS:

NAS1637-1B = ALUMINUM ALLOY, LONG HANDLE-INTERIOR RELEASE WITH KEEPER, BLACK.

NAS1637-6B = ALUMINUM ALLOY, LONG HANDLE-EXTERIOR RELEASE WITH KEEPER, BLACK.

NAS1637-4B = ALUMINUM ALLOY, BLACK, SHORT HANDLE-INTERIOR RELEASE (WITHOUT KEEPER).

NAS1637-9B = ALUMINUM ALLOY, BLACK, SHORT HANDLE-EXTERIOR RELEASE (WITHOUT KEEPER).

NAS1637-5P = KEEPER, BRUSHED FINISH, CLEAR.

NOTES:

/1/ DETAILS OF CONSTRUCTION AND DESIGN CONFIGURATIONS ARE OPTIONAL WITHIN THE LIMITS OF THIS STANDARD.

/2/ LOCKING LEVER IS LIMITED TO A 90° +10/-20° OPEN POSITION AND MUST EXERCISE A STOPPING ACTION (REMAIN OPEN WHEN THRUST AGAINST THE KEEPER PIN). LOCKING LEVER MUST BE ACTUATED MANUALLY TO BE RAISED TO A VERTICAL POSITION; AND WHEN BEING ACTUATED, IT MUST ENGAGE THE KEEPER PIN AND ADVANCE THE HANDLE .750 INCHES MINIMUM.

REVISION

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NAS1637

SHEET 2

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