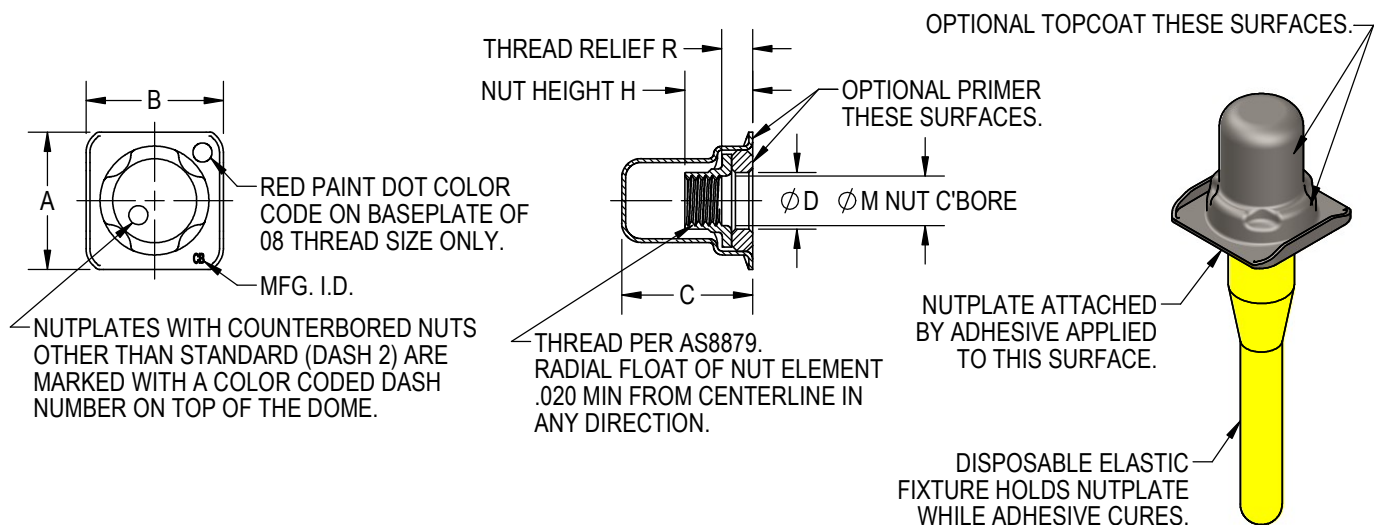




NUTPLATE MEETS THE STRENGTH AND REUSABILITY REQUIREMENTS OF NASM25027.

THREAD AND DIMENSION DATA (ALL DIMENSIONS BEFORE PAINT)

PART NUMBER	THREAD SIZE	A MAX	B MAX	C MAX	D MIN	H MAX	R MIN	M MIN	COLOR CODE
CB6005 () 08-2	.1640-32 UNJC-3B	.610	.580	.637	.204	.325	.125	.168	NONE
CB6005 () 3-2	.1900-32 UNJF-3B	.610	.580	.637	.230	.320	.125	.194	NONE
CB6005 () 3-3				.700		.383	.187		RED
CB6005 () 3-4				.762		.445	.250		GREEN
CB6005 () 3-5				.825		.508	.312		BLACK
CB6005 () 3-6				.887		.570	.375		BLUE
CB6005 () 3-7	.2500-28 UNJF-3B	.735	.725	.950	.290	.633	.437	.254	ORANGE
CB6005 () 3-8				1.012		.695	.500		PURPLE
CB6005 () 4-2				.691		.365	.125		NONE
CB6005 () 4-3				.754		.428	.187		RED
CB6005 () 4-4				.816		.490	.250		GREEN
CB6005 () 4-5	.3125-24 UNJF-3B	.860	.807	.879	.353	.553	.312	.317	BLACK
CB6005 () 4-6				.941		.615	.375		BLUE
CB6005 () 4-7				1.004		.678	.437		ORANGE
CB6005 () 4-8				1.066		.740	.500		PURPLE
CB6005 () 5-2				.785		.406	.125		NONE
CB6005 () 5-3	.3750-24 UNJF-3B	.99	.99	.848	.415	.462	.187	.379	RED
CB6005 () 5-4				.910		.524	.250		GREEN
CB6005 () 5-5				.973		.586	.312		BLACK
CB6005 () 5-6				1.035		.649	.375		BLUE
CB6005 () 5-7				1.098		.711	.437		ORANGE
CB6005 () 5-8	.4375-20 UNJF-3B	1.11	1.11	1.160	.478	.774	.500	.441	PURPLE
CB6005 () 6-2				.950		.430	.125		NONE
CB6005 () 7-2				1.037		.560	.125		NONE
CB6005 () 8-2	.5000-20 UNJF-3B	1.24	1.24	1.150	.540	.640	.125	.504	NONE

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES AND TOLERANCES ARE AS SHOWN BELOW. DIMENSIONAL TOLERANCES AND SYMBOLS PER ANSI Y14.5M-1982.

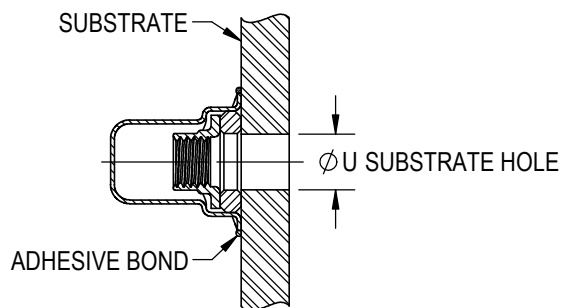
THE PARTS SHOWN IN THIS DRAWING ARE PROPRIETARY AND MAY BE THE SUBJECT OF ISSUED UNITED STATES AND FOREIGN PATENTS AND PATENTS PENDING. UNAUTHORIZED REPRODUCTION AND/OR DISTRIBUTION OF THIS DRAWING IS SPECIFICALLY PROHIBITED.

CLICK BOND

2151 LOCKHEED WAY
CARSON CITY, NEVADA 89706

APPROVALS		DATE
ANGLES	±1°	DRAWN GTP 16APR21
.XX	±.03	CHECKED <i>DO Carter</i> 21APR21
.XXX	±.010	RELEASED JLH 21APR21
.XXXX	±.001	REVISED GTP 21APR21

TITLE			
NUTPLATE, SEALED, NO LUG			
SIZE	CAGE CODE	DWG. NO.	REV.
A	66530	CB6005	2
SCALE: 1:1		21APR21	SHEET 1 OF 4



NUT MATERIAL AND FINISH DATA

CODE	MATERIAL	SPEC.	FINISH	SPEC.	DRI-FILM LUBE
-			PASSIVATE	AMS 2700 METHOD 1, TYPE 8	AS5272 TYPE I OR II
CRC	A-286 CRES	AMS 5525, 5726, 5731, 5732, 5737	CAD PLATE	AMS-QQ-P-416 TY II, CL 2	OR AS1701 CLASS I
CRS			SILVER PLATE	AMS 2410	NONE

DOME MATERIAL AND FINISH DATA

CODE	MATERIAL	SPEC.	PASSIVATE
CR	A-286 CRES	AMS 5525, 5726, 5731, 5732, 5737	AMS 2700 METHOD 1, TYPE 8
ACR			

WASHER MATERIAL AND FINISH DATA

CODE	MATERIAL	SPEC.	FINISH	SPEC.
CR	A-286 CRES	AMS 5726, 5731, 5732, 5737	PASSIVATE	AMS 2700 METHOD 1, TYPE 8
ACR	2024 OR 6061 ALUMINUM	AMS-QQ-A-200 OR AMS-QQ-A-225	ANODIZE	MIL-A-8625 TYPE I, CLASS 1 - DO NOT SEAL

OPTIONAL PRIMER

CODE	MATERIAL SPEC.
P	MIL-PRF-85582

OPTIONAL TOPCOAT

CODE	MATERIAL SPEC.
F	AMS-C-27725 TYPE 2 YELLOW

INSTALLATION HOLE SIZE

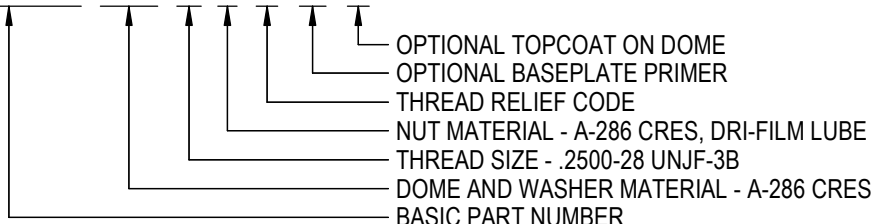
SIZE	ϕU
08	.164 - .204
3	.190 - .230
4	.250 - .290
5	.312 - .353
6	.375 - .415
7	.437 - .478
8	.500 - .540

PART NUMBER SUFFIXES

CODE	DESCRIPTION
NL	NON-LOCKING NUT ELEMENT
R	THREAD LOCK MEETS NASM25027 REUSE REQUIREMENTS FOR 50 REUSE CYCLES MANUFACTURER'S OPTION: COPPER PLATE PER AMS 2418

EXAMPLE PART NUMBER

CB6005 CR 4 - 2 P F



UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES AND TOLERANCES ARE AS SHOWN BELOW. DIMENSIONAL TOLERANCES AND SYMBOLS PER ANSI Y14.5M-1982.

ANGLES $\pm 1^\circ$

.XX $\pm .03$

.XXX $\pm .010$

.XXXX $\pm .001$

**CLICK
BOND**

SIZE **A** CAGE CODE **66530**

SCALE: 1:1

2151 LOCKHEED WAY
CARSON CITY, NEVADA 89706

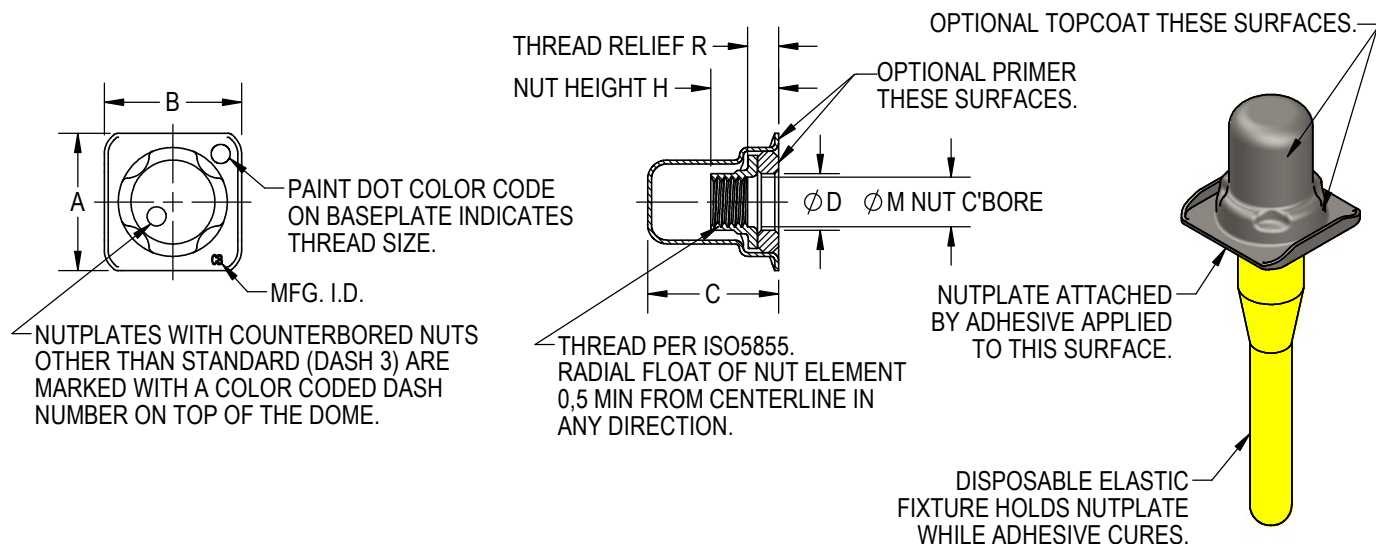
TITLE
NUTPLATE, SEALED, NO LUG

DWG. NO. **CB6005**

REV. **2**

21APR21

SHEET 2 OF 4



NUTPLATE MEETS THE STRENGTH AND REUSABILITY REQUIREMENTS OF ISO5858 (900 MPa).

THREAD AND DIMENSION DATA (ALL DIMENSIONS BEFORE PAINT)

PART NUMBER	THREAD SIZE	A MAX	B MAX	C MAX	D MIN	H MAX	R MIN	M MIN	COLOR CODE	
									THREAD	C'BORE
CB6005 () 4M 3	MJ4 X 0,7 4H6H	15,5	14,8	16,2	5,0	7,0	3,0	4,1	GREEN	NONE
CB6005 () 5M 3	MJ5 X 0,8 4H6H	15,5	14,8	16,2	6,0	8,0	3,0	5,1	BLUE	NONE
CB6005 () 5M 4				17,8		8,0	4,0			RED
CB6005 () 5M 6				19,4		10,0	6,0			GREEN
CB6005 () 5M 8				21,0		12,0	8,0			BLACK
CB6005 () 5M 10				22,6		14,0	10,0			BLUE
CB6005 () 6M 3	MJ6 X 1,0 4H5H	18,7	18,5	17,6	7,0	9,0	3,0	6,1	ORANGE	NONE
CB6005 () 6M 4				19,2		9,0	4,0			RED
CB6005 () 6M 6				20,8		11,0	6,0			GREEN
CB6005 () 6M 8				22,4		13,0	8,0			BLACK
CB6005 () 6M 10				23,9		15,0	10,0			BLUE
CB6005 () 8M 3	MJ8 X 1,0 4H5H	21,9	20,5	20,0	9,0	11,0	3,0	8,1	PURPLE	NONE
CB6005 () 8M 4				21,6		11,0	4,0			RED
CB6005 () 8M 6				23,2		13,0	6,0			GREEN
CB6005 () 8M 8				24,8		15,0	8,0			BLACK
CB6005 () 8M 10				26,3		17,0	10,0			BLUE

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS AND TOLERANCES ARE AS SHOWN BELOW. DIMENSIONAL TOLERANCES AND SYMBOLS PER ANSI Y14.5M-1982.

METRIC DIMENSIONS

ANGLES	±1°
.X	±0,8
.XX	±0,25

CLICK BOND

SIZE **A** CAGE CODE **66530**

SCALE: 1:1

2151 LOCKHEED WAY
CARSON CITY, NEVADA 89706

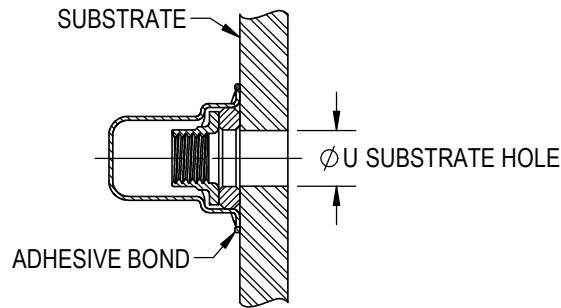
TITLE **NUTPLATE, SEALED, NO LUG**

DWG. NO. **CB6005 (METRIC)**

21APR21

REV. **2**

SHEET 3 OF 4



NUT MATERIAL AND FINISH DATA

CODE	MATERIAL	SPEC.	FINISH	SPEC.	DRI-FILM LUBE
NONE			PASSIVATE	AMS 2700 METHOD 1, TYPE 8	AS5272 TYPE I OR II OR AS1701 CLASS I
CRC	A-286 CRES	AMS 5525, 5726, 5731, 5732, 5737	CAD PLATE	AMS-QQ-P-416 TY II, CL 2	
CRS			SILVER PLATE	AMS 2410	NONE

DOME MATERIAL AND FINISH DATA

CODE	MATERIAL	SPEC.	PASSIVATE
CR	A-286 CRES	AMS 5525, 5726, 5731, 5732, 5737	AMS 2700 METHOD 1, TYPE 8
ACR			

WASHER MATERIAL AND FINISH DATA

CODE	MATERIAL	SPEC.	FINISH	SPEC.
CR	A-286 CRES	AMS 5726, 5731, 5732, 5737	PASSIVATE	AMS 2700 METHOD 1, TYPE 8
ACR	2024 OR 6061 ALUMINUM	AMS-QQ-A-200 OR AMS-QQ-A-225	ANODIZE	MIL-A-8625 TYPE I, CLASS 1 - DO NOT SEAL

OPTIONAL PRIMER

CODE	MATERIAL SPEC.
P	MIL-PRF-85582

OPTIONAL TOPCOAT

CODE	MATERIAL SPEC.
F	AMS-C-27725 TYPE 2 YELLOW

INSTALLATION HOLE SIZE

SIZE	Ø U
4M	4,0 - 5,0
5M	5,0 - 6,0
6M	6,0 - 7,0
8M	8,0 - 9,0

PART NUMBER SUFFIXES

CODE	DESCRIPTION
NL	NON-LOCKING NUT ELEMENT
R	THREAD LOCK MEETS ISO5858 REUSE REQUIREMENTS FOR 50 REUSE CYCLES MANUFACTURER'S OPTION: COPPER PLATE PER AMS 2418

EXAMPLE PART NUMBER

CB6005 **CR** **6M** **3** **P** **F**
 ↑ ↑ ↑ ↑ ↑ ↑
 BASIC PART NUMBER DOME AND WASHER MATERIAL - A-286 CRES THREAD SIZE - MJ6 X 1,0 4H5H NUT MATERIAL - A-286 CRES, DRI-FILM LUBE THREAD RELIEF CODE OPTIONAL BASEPLATE PRIMER OPTIONAL TOPCOAT ON DOME

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS AND TOLERANCES ARE AS SHOWN BELOW. DIMENSIONAL TOLERANCES AND SYMBOLS PER ANSI Y14.5M-1982.

METRIC DIMENSIONS		CLICK BOND		2151 LOCKHEED WAY CARSON CITY, NEVADA 89706	
ANGLES		SIZE	CAGE CODE	DWG. NO.	REV.
.X		±1°	A	66530	2
.XX		±0,8			
		±0,25	SCALE: 1:1	21APR21	SHEET 4 OF 4
				TITLE NUTPLATE, SEALED, NO LUG	
				CB6005 (METRIC)	