

BASEPLATE

RETAINER

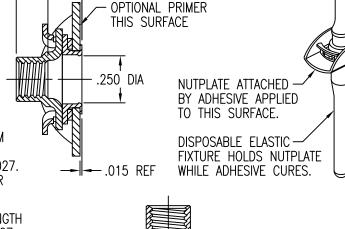
THREAD PER AS8879. RADIAL FLOAT OF NUT .030 FROM CENTER. NUT CAN ENGAGE SCREW FROM MAX MISALIGNED POSITION.

NUT MAY BE REMOVED FROM RETAINER AND REPLACED. THREAD LOCK PER NASM25027. DRI-FILM LUBE ON NUT PER AS5272.

NUTPLATE MEETS THE STRENGTH REQUIREMENTS OF NASM25027.

ALL DIMENSIONS BEFORE PAINT.

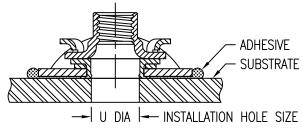
MINIMUM NUT HEIGHT H LIMITED BY STRENGTH REQUIREMENTS ONLY.



NUT HEIGHT

THREAD RELIEF

R



NUT AND RETAINER MATERIAL AND FINISH DATA

CODE	NUT MATERIAL	SPEC.	RETAINER MATERIAL	SPEC.	FINISH	SPEC.
CR	A-286 CRES	AMS 5525	17-7PH, A-286, 305 CRES	AMS 5528, 5525, 5514	PASSIVATE	AMS 2700
CRA	A-286 CRES	AMS 5525	A-286, 305 CRES	AMS 5525, 5514	PASSIVATE	AMS 2700
CRC	A-286 CRES	AMS 5525	17-7PH, A-286, 305 CRES	AMS 5528, 5525, 5514	CAD PLATE	AMS-QQ-P-416

BASEPLATE MATERIAL AND FINISH DATA

CODE	MATERIAL	SPEC.	FINISH	SPEC.
Α	5052 ALUMINUM	AMS 4016	NONE	
AA	5052 ALUMINUM	AMS 4016	ANODIZE	MIL-A-8625 TYPE I
CR	304 CRES OR A-286 CRES	AMS 5513 OR AMS 5525	PASSIVATE	AMS 2700
CRA	A-286 CRES	AMS 5525	PASSIVATE	AMS 2700

THREAD DATA

.250

MAX

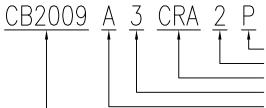
	=
CODE	THREAD SIZE
08	.1640-32 UNJC-3B
3	.1900-32 UNJF-3B

NUT HEIGH	IT AND	THREA	D RELIE	EF DIME	ENSIONS	S
CODE	NONE	2	3	4	5	6
R ±.025	.120	.165	.228	.291	.354	.417
H ±.025	.300	.362	.424	.486	.549	.612

INSTALLATION HOLE SIZE CODE U DIA 80 .164 - .2243 .190-.250

EXAMPLE PART NUMBER

NOTE: FOR NON-LOCKING NUT ADD "NL" SUFFIX TO PART NUMBER.

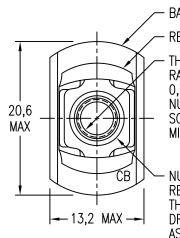


OPTIONAL MIL-PRF-85582 BASEPLATE PRIMER THREAD RELIEF CODE - 2 NUT AND RETAINER MATERIAL - A-286 AND 305 CRES THREAD SIZE - .1900-32 UNJF-3B

BASEPLATE MATERIAL - ALUMINUM

BASIC PART NUMBER

UNLESS OTHERWISE SPECIFIE IN INCHES AND TOLERANCES DIMENSIONAL TOLERANCES ALY14.5M-1982.	ARE AS SHOWN BELOW.	PROPRIETARY PARTS SHOWN IN OF ISSUED UNITED STATES AND PENDING. UNAUTHORIZED REPRODUCTION A DRAWING IS SPECIFICALLY PROH	AND/OR DISTRIBUTION OF THIS				<		ITY 706
CAD CB2	2009-1	APPROVALS	DATE	TITLE		T1110			
ANGLES	±1°	DRAWNDAC	17DEC13	NU	JIPLAIE	, IWO	LUG, ADHES	SIVE BO	NDFD
.XX	±.03	CHECKED DO CANTEN	17DEC13	SIZE	CAGE CODE	\cap	DWG. NO.		REV.
.XXX	±.010	RELEASED OB Catta	: 17DEC13	I A	6653	U	L CR5008		[18]
.XXXX	±.001	REVISED DAC	17DEC13	SCALE	2/1	17DEC13		SHEET 1	or 2



BASEPLATE

RETAINER

THREAD PER ISO 5855. RADIAL FLOAT OF NUT 0.75 FROM CENTER. NUT CAN ENGAGE SCREW FROM MAX MISALIGNED POSITION.

NUT MAY BE REMOVED FROM RETAINER AND REPLACED. THREAD LOCK PER ISO 5858. DRI-FILM LUBE ON NUT PER AS5272.

6,35 DIA -0,38 REF

R

NUT HEIGHT

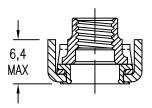
THREAD RELIEF

THIS SURFACE

OPTIONAL PRIMER

NUTPLATE ATTACHED -BY ADHESIVE APPLIED TO THIS SURFACE.

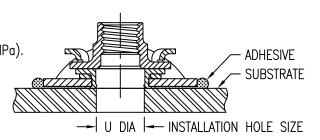
DISPOSABLE ELASTIC -FIXTURE HOLDS NUTPLATE WHILE ADHESIVE CURES.



NUTPLATE MEETS THE STRENGTH REQUIREMENTS OF ISO 5858 (900 MPa).

ALL DIMENSIONS BEFORE PAINT.

MINIMUM NUT HEIGHT H LIMITED BY STRENGTH REQUIREMENTS ONLY.



NUT AND RETAINER MATERIAL AND FINISH DATA

CODE	NUT MATERIAL	SPEC.	RETAINER MATERIAL	SPEC.	FINISH	SPEC.
CR	A-286 CRES	AMS 5525	17-7PH, A-286, 305 CRES	AMS 5528, 5525, 5514	PASSIVATE	AMS 2700
CRA	A-286 CRES	AMS 5525	A-286, 305 CRES	AMS 5525, 5514	PASSIVATE	AMS 2700
CRC	A-286 CRES	AMS 5525	17-7PH, A-286, 305 CRES	AMS 5528, 5525, 5514	CAD PLATE	AMS-QQ-P-416

BASEPLATE MATERIAL AND FINISH DATA

CODE	MATERIAL	SPEC.	FINISH	SPEC.
Α	5052 ALUMINUM	AMS 4016	NONE	
AA	5052 ALUMINUM	AMS 4016	ANODIZE	MIL-A-8625 TYPE I
CR	304 CRES OR A-286 CRES	AMS 5513 OR AMS 5525	PASSIVATE	AMS 2700
CRA	A-286 CRES	AMS 5525	PASSIVATE	AMS 2700

THREAD DATA

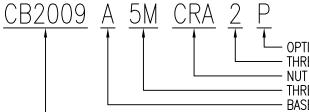
CODE	THRE	EAC) SIZ	Έ
4M	MJ4	Χ	0,7	4H6H
5M	MJ5	Χ	0,8	4H6H

NUT HEIGH	IT AND	THREA	D RELIE	EF DIME	ENSIONS	S
CODE	NONE	2	3	4	5	6
R +0.7	3.0	4 2	5.8	7.4	90	10

NUT HEIGH	IT AND	THREA	D RELI	EF DIME	ENSIONS	3	INSTALL	ATION HOLE SIZE
CODE	NONE	2	3	4	5	6	CODE	U DIA
R ±0,7	3,0	4,2	5,8	7,4	9,0	10,6	4M	4,00-5,50
H ±0,7	7,6	9,2	10,8	12,3	13,9	15,5	5M	5,00-6,50

EXAMPLE PART NUMBER

NOTE: FOR NON-LOCKING NUT ADD "NL" SUFFIX TO PART NUMBER.



OPTIONAL MIL-PRF-85582 BASEPLATE PRIMER

THREAD RELIEF CODE - 2

NUT AND RETAINER MATERIAL - A-286 AND 305 CRES

THREAD SIZE - MJ5 X 0,8 4H6H BASEPLATE MATERIAL - ALUMINUM

BASIC PART NUMBER

UNLESS OTHERWISE SPECIFI IN MILLIMETERS AND TOLER BELOW. DIMENSIONAL TOLE PER ANSI Y14.5M—1982.	ANCES ARE AS SHOWN	PROPRIEJANY PARIS SHOWN IN OF ISSUED UNITED STATES AND PENDING. UNAUTHORIZED REPRODUCTION A DRAWING IS SPECIFICALLY PROHI	FOREIGN PATENTS AND PATENTS ND/OR DISTRIBUTION OF THIS	GLIC	BK BO		CARSON CITY NEVADA 89706
CAD CB2	2009-2	APPROVALS	DATE	TITLE			
METRIC DIN	MENSIONS	DRAWN _DAC	17DEC13	I NUTPLATI	E, TWO L	_UG, ADHI	ESIVE BONDED
ANGLES	±1°	CHECKED DUCANTON	17DEC13	SIZE CAGE CODE	DWG	G. NO.	/ A F T D I O \ A O
.X	±0,8	RELEASED ABCUTE TE	17DEC13] A bb5,	50 (7RZ008	(METRIC) 18
.XX	±0,25	REVISED DAC	17DEC13	scale 2/1	17DEC13		SHEET 2 OF 2