

HFS PART NO.	THREADS PER AS8879	ϕA	ϕB	$\phi (C)$	$\phi (D)$	L MAX	ϕM MAX	X MIN	DRIVE TOOL DASH NO.	AXIAL TENSILE STRENGTH lbf MIN
EN1182ND(*)(*) EN1182ND(*)(*)X	5	.1640-32UNJC-3B .294 .288	.173 .167	.247	.219	.275	.219	.095	5	1,940
	6	.1900-32UNJF-3B .324 .318	.212 .206	.275	.242	.295	.242	.092	6	2,500
	8	.2500-28UNJF-3B .424 .418	.274 .268	.359	.323	.340	.323	.097	8	4,300
	10	.3125-24UNJF-3B .542 .532	.338 .330	.435	.390	.435	.390	.104	10	6,300
	12	.3750-24UNJF-3B .652 .642	.400 .392	.534	.483	.475	.483		12	8,700
	14	.4375-20UNJF-3B .762 .752	.466 .456	.622	.552	.570	.552	.110	14	11,700
	16	.5000-20UNJF-3B .860 .850	.530 .520	.710	.630	.650	.630		16	15,800

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THIRD ANGLE
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APPROVED DATE

26JUN2000

CURRENT DESIGN ACTIVITY:

Howmet Fastening Systems
800 S State College Boulevard
Fullerton, California, 92831<http://www.hfs.howmet.com>

TITLE:

EDDIE-BOLT® 2 NUT,
SHEAR, LIGHTWEIGHT

FOR USE ON STANDARD AND .0156 OVERSIZE PIN

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE
IN INCHES & TO ASME Y14.5-2018 TOLERANCES:
DECIMALS = ±.010; ANGLES = ±2°

CAGE CODE: 15653

SALES DRAWING No.

EN1182ND(*)(*)
EN1182ND(*)(*)X

SHEET 1 OF 2

MATERIAL: 3AL-2.5V TITANIUM ALLOY PER AMS6940 (UNS R56320).

HEAT TREAT: AMS-H-81200 AND/OR AMS2801.

FINISH: EN1182ND(*) & EN1182ND(*)X:
COAT OUTSIDE OF NUT, THREADS & C'BORE OPTIONAL, WITH SOLID FILM LUBE PER AS5272 TYPE I,
PLUS OPTIONAL: CETYL ALCOHOL LUBRICANT.
EN1182ND(*)NL & EN1182ND(*)NLX:
COAT OUTSIDE OF NUT, THREADS & C'BORE OPTIONAL, WITH SOLID FILM LUBE PER AS5272 TYPE I.

PERFORMANCE: ENS1312, EXCEPT AS FOLLOWS:
A) FREE RUNNING TORQUE FOR EN1182ND5 & NDU5 TO BE 4 in-ozf MAXIMUM.

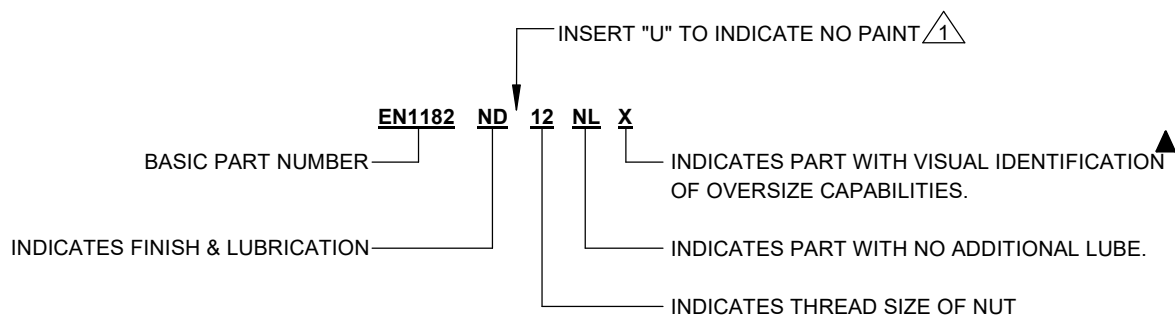
NOTES: 1.  COLOR IDENTIFICATION:

EN1182ND(*), EN1182ND(*)X, EN1182ND(*)NL & EN1182ND(*)NLX:
NUTS ARE IDENTIFIED WITH WHITE PAINT WITHIN LOBE AREA AS SHOWN. ALL THREE LOBES SHALL BE COVERED WITH PAINT ON APPROXIMATELY 95% OF THE LOBE AREA OF EACH PART.
OVERSPRAY PERMITTED ON EXTERIOR SURFACES.
EN1182NDU(*), EN1182NDU(*)X, EN1182NDU(*)NL & EN1182NDU(*)NLX: NO PAINT.

2. DIMENSIONS APPLY PRIOR TO LUBE.

3. ALL EDDIE-BOLT®2 NUTS MUST BE INSTALLED USING AN APPROPRIATE DELTA-RAD™ INSTALLATION TOOL.

EXAMPLE OF PART NUMBER



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APPROVED DATE

26JUN2000

REV. LETTER AND DATE:

AG 25MAR2021

CUSTOMER:

CURRENT DESIGN ACTIVITY:



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800 S State College Boulevard
Fullerton, California, 92831

<http://www.hfs.howmet.com>

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CAGE CODE: 15653

SALES DRAWING No.

EN1182ND(*)(*)
EN1182ND(*)(*)X

SHEET 2 OF 2

MANUFACTURE OF THE PROPRIETARY PARTS SHOWN HERE WITHOUT WRITTEN CONSENT OF HOWMET FASTENING SYSTEMS IS ABSOLUTELY PROHIBITED.

THIS DRAWING EMBODIES HOWMET FASTENING SYSTEMS CONFIDENTIAL PROPRIETARY DESIGN & ALL DESIGN, MANUFACTURING PRODUCTION, USE & SALE RIGHTS REGARDING SAME ARE EXPRESSLY RESERVED.

FILED AS:

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