



PART NUMBER	NOM DIA.	A HEX.	C MAX.	D DIA.	F FLATS	H HEAD HEIGHT	J DIA. MAX.	K MAX.	R RAD.	W REF. DRIVE NUT	BREAK-OFF LIMITS	MINIMUM AVAILABLE GRIP LENGTH	PREVAILING TORQUE IN.-LB. MIN.	DOUBLE SHEAR STRENGTH LBS. MIN.	TENSILE STRENGTH LBS. MIN.
PLT5224-05-(-)	.1640	.250 .244	.268	.1645 .1635	.086 .081	.096 .070	.244	.246	.020 .010	.375	+088 +000	-01	1.0	3150	900
PLT5224-06-(-)	.2021	.312 .305	.303	.2026 .2010	.104 .099	.113 .074	.300	.281	.025 .015	.375	+103 +015	-01	1.5	4600	1400
PLT5224-08-(-)	.2645	.375 .367	.354	.2651 .2641	.135 .130	.135 .084	.384	.325	.025 .015	.375	+130 +032	-02	2.5	7900	2100
PLT5224-10-(-)	.3115	.437 .429	.423	.3120 .3110	.152 .147	.160 .106	.427	.390	.030 .015	.500	+130 +027	-02	3.5	11350	3600
PLT5224-12-(-)	.3740	.500 .491	.510	.3745 .3735	.185 .180	.190 .127	.516	.470	.030 .015	.500	+130 +027	-03	4.0	16450	5600

2ND DASH NO.	GRIP RANGE	
	GRIP MIN.	GRIP MAX.
-01	.032	.093
-02	.094	.156
-03	.157	.219
-04	.220	.281
-05	.282	.344
-06	.345	.406
-07	.407	.469
-08	.470	.531
-09	.532	.594
-10	.595	.656
-11	.657	.719
-12	.720	.781
-13	.782	.844
-14	.845	.906
-15	.907	.969
-16	.970	1.031
-17	1.032	1.094
-18	1.095	1.156
-19	1.157	1.219
-20	1.220	1.281

PROCUREMENT SPEC:

PROCUREMENT SPECIFICATION = NAS1675
PART NUMBER ASSIGNMENT = PLT5001
INSTALLATION AND REMOVAL = PLT5002
SPECIAL LUBE AND FINISH = PLT5003

MATERIAL:

NUT, SCREW, & SLEEVE: CORROSION AND HEAT RESISTANT STEEL, A286 PER AMS5731, AMS5732, OR AMS5737.

DRIVE NUT: MILD STEEL.

HEAT TREAT:

NUT & SCREW: HEAT TREAT TO A CORE HARDNESS OF HRC 30-45.

SLEEVE & DRIVE NUT: AS REQUIRED FOR PERFORMANCE.

FINISH:

NUT, SCREW, & SLEEVE: PASSIVATED PER AMS2700.

DRIVE NUT: CORROSION RESISTANT COATING, COLOR BLACK.

LUBRICANT:

SOLID DRY FILM LUBE PER THE CHEMICAL REQUIREMENTS OF AS5272, OR EVERLUBE 812 PER MIL-PRF-81329, PARAFFIN WAX OR CETYL ALCOHOL PER AS87132 MAY BE APPLIED TO ANY OR ALL COMPONENTS AS REQUIRED FOR PERFORMANCE. (SEE PLT 5003 FOR SPECIAL LUBRICANTS AND FINISHES).

PART CODE & EXAMPLE:

PLT5224 () - 06 - 06

GRIP LENGTHS IN 1/16THS
NOMINAL BODY DIAMETER IN 1/32NDS
DESIGNATES SPECIAL FINISH CODE, SEE PLT 5003
BASIC PART NUMBER, SELF LOCKING BLIND BOLT, SEE PLT 5001

GENERAL NOTES:

1. LOCKING FEATURE CONSISTS OF THREE (3) INDENTATIONS LOCATED 120° APART ON THE PERIPHERY OF THE NUT COMPONENT.

2. HALF-GRIP SIZES MAY BE ORDERED BY ADDING (.5) TO THE GRIP DASH NUMBERS.

EXAMPLE: PLT5224-06-4.5 INDICATES A NOMINAL GRIP LENGTH OF 4.5 SIXTEENTHS = 0.281" (7.14mm) AND A GRIP RANGE OF .250" THRU .312" (6.35mm THRU 7.92mm).



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TITLE:

VISU-LOK® II, FASTENER, BLIND
HEXAGONAL PROTRUDING HEAD
NOMINAL DIAMETER GROUND SHANK
A286 CRES

DRAWING NO:

PLT5224()-()-()

DRAWN BY:

G.MARTINEZ

DRAWN DATE:

08-17-13

APPROVED BY:

CHECKED DATE:

PROPRIETARY AND CONFIDENTIAL:
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Alcoa
CAGE CODE:

5M902

MONOGRAM
CAGE CODE:

98524

ECN NO:
14-0789

ECN DATE:
11/17/14

REV:

E

SHEET 1 OF 1