

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 INLB. 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	GRIP RANGE				
DASH NO.	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:

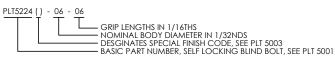
NUT, SCREW, & SLEEVE: PASSIVATED PER AMS2700.

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:



GENERAL NOTES:

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).



a TriMas company

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

PLT5224()-()-()							
DRAWN BY:	G.MARTINEZ	DRAWN DATE: 08-17-13					
APPROVED BY:		CHECKED DATE:					

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TITLE:

AlcoaCAGE CODE:
5M902

DRAWING NO:

MONOGRAM 14-0789 ECN DATE: 11/17/14 SHEET 1 OF 1