

PART NUMBER	NOM. DIAM.		A HEX.		C MAX.		D DIA.		F FLATS		H HEAD HEIGHT		J DIA. MAX.		K MAX.		L REF.		N. MIN.	
	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm
PLT1055-06-()	.2290	5,817	.312 .305	7,92 7,75	.360	9,14	.2300 .2280	5,84 5,79	.104 .099	2,64 2,52	.113 .074	2,87 1,88	.315	8,00	.333	8,46	.780	19,81	.340	8,64
PLT1055-08-()	.2900	7,866	.375 .367	9,52 9,32	.404	10,26	.2910 .2890	7,39 7,34	.135 .130	3,43 3,30	.135 .084	3,43 2,13	.401	10,19	.366	9,30	.850	21,59	.409	10,39
PLT1055-10-()	.3415	8,674	.437 .429	11,10 10,90	.493	12,52	.3425 .3405	8,70 8,65	.152 .147	3,86 3,73	.160 .106	4,06 2,69	.442	11,23	.447	11,35	1.002	25,45	.479	12,17
PLT1055-12-()	.4045	10,273	.500 .491	12,70 12,47	.583	14,80	.4055 .4035	10,30 10,25	.185 .180	4,70 4,57	.190 .127	4,83 3,22	.531	13,49	.527	13,39	1.085	27,56	.548	13,92

PART NUMBER	R RAD.		BREAK-OFF LIMITS		MINIMUM AVAILABLE GRIP LENGTH	HOLE SIZE		PREVAILING TORQUE MIN.		DOUBLE SHEAR STRENGTH MIN.		TENSILE STRENGTH MIN.	
	INCH	mm	INCH	mm		INCH	mm	IN-LB	Nm	LBS.	N	LBS.	N
PLT1055-06-()	.025 .015	0,63 0,38	+1,03 +0,15	+2,62 +0,38	-01	.233 .230	5,92 5,84	1.5	0,170	4600	20460	1400	6230
PLT1055-08-()	.025 .015	0,63 0,38	+1,30 +0,32	+3,30 +0,81	-02	.294 .291	7,47 7,39	2.5	0,282	7900	35140	2100	9340
PLT1055-10-()	.030 .015	0,76 0,38	+1,30 +0,27	+3,30 +0,69	-02	.346 .343	8,79 8,71	3.5	0,400	11350	50480	3600	16010
PLT1055-12-()	.030 .015	0,76 0,38	+1,30 +0,27	+3,30 +0,69	-03	.409 .406	10,39 10,32	4.0	0,452	16450	73170	5600	24910

▲ "G" TOLERANCE: FOR -06 SIZES +.030/-0.010; FOR -08 & -10 SIZES +.040/-0.010; FOR -12 SIZES +.050/- .010.

a TriMas company
3423 SOUTH GARFIELD AVENUE
COMMERCE, CALIFORNIA 90040
(323) 722-4760 FAX (323) 727-1029

TITLE:
VISU-LOK, FASTENER, BLIND INTERNALLY THREADED, EXTERNAL SLEEVE A-286 CRES, -1200 °F PROTRUDING HEX HEAD, SELF LOCKING 1/32" O/S TO PLT220; 1/64" O/S TO PLT21

DRAWING NO:
PLT1055-()-()

DRAWN BY:
B. GEE

DRAWN DATE:
01/03/14

APPROVED BY:

CHECKED DATE:

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5M902

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CAGE CODE:
98524

ECN NO:
14-0715

ECN DATE:
11/09/14

REV:
G

SHEET 1 OF 2



PROCUREMENT SPEC: ESCBB-2 CLASS 2, EXCEPT AS SPECIFIED HEREIN.

MATERIAL:

NUT, SCREW & SLEEVE: CORROSION AND HEAT RESISTANT STEEL, TYPE A-286 PER AMS5732 OR AMS5737.

HEAT TREAT:

NUT & SCREW: SOLUTION HEAT TREATED AND AGED TO A CORE HARDNESS OF HRC 30 TO HRC 45. ALL CORE HARDNESS READINGS ARE TAKEN ON MOUNTED SPECIMEN, USING A BRALE PENETRATOR AND A 30 Kg LOAD (ROCKWELL 30N).

SLEEVE: SOLUTION TREATED.

FINISH &:

NUT & SCREW: PASSIVATE PER AMS2700

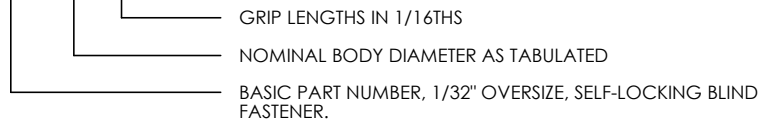
SLEEVE: PASSIVATE PER AMS2700

LUBRICANT :

LUBRICANTS LISTED BELOW MAY BE APPLIED TO ANY OR ALL COMPONENTS IF REQUIRED FOR PERFORMANCE:

DRY FILM LUBE PER AS5272 TYPE I OR EVERLUBE 812 PER MIL-PRF-81329, WWM CARBO-WAX, PARAFFIN WAX, OR CETYL ALCOHOL PER AS87132.

PART CODE & EXAMPLE: PLT1055 - 08 - 08



GENERAL NOTES:

1. OUTSIDE DIAMETER OF HEAD OF SCREW AND OUTSIDE DIAMETER OF SLEEVE SHALL NOT BE GREATER THAN MAXIMUM "D" DIAMETER.
2. REMOVE ALL LOOSE OR HANGING BURRS.
3. LOCKING FEATURE CONSISTS OF THREE (3) INDENTATIONS LOCATED 120° APART ON THE PERIPHERY OF THE NUT COMPONENT AND APPROXIMATELY .040 ABOVE THE INTERSECTION OF THE NUT NOSE ANGLE AND O.D. (MEAN GRIP OF FASTENER).
4. MANUFACTURER'S IDENTIFICATION: LETTER "N" DESIGNATES MONOGRAM AEROSPACE FASTENERS. LETTERS "VS" DESIGNATE ALCOA.
5. HEAD MARKINGS ON NUT DEPRESSED .010 MAX.
6. STANDARD FINISHES AND LUBRICANTS ARE SHOWN ABOVE. REFER TO SPECIFICATION ESCBB-4 FOR SPECIAL FINISHES AND/OR LUBRICANTS, IF REQUIRED.
7. DISTORTION OF "D" DIAMETER SHALL NOT PREVENT INSERTION OF THE FASTENER INTO A RING GAUGE OF LENGTH EQUAL TO ONE DIAMETER AND DIAMETER EQUAL TO MAXIMUM "D" + .001". FORCE FOR INSERTION SHALL NOT EXCEED FIVE (5) POUNDS.
8. DIMENSIONS ARE EXCLUSIVE OF LUBRICATION.

7 SECOND DASH NUMBER	G GRIP		GRIP RANGE			
			MIN		MAX	
	INCH	mm	INCH	mm	INCH	mm
-01	.093	2,36	.032	0,81	.093	2,36
-02	.156	3,96	.094	2,39	.156	3,96
-03	.219	5,56	.157	3,99	.219	5,56
-04	.281	7,14	.220	5,59	.281	7,14
-05	.344	8,74	.282	7,16	.344	8,74
-06	.406	10,31	.345	8,76	.406	10,31
-07	.469	11,91	.407	10,34	.469	11,91
-08	.531	13,49	.470	11,94	.531	13,49
-09	.595	15,11	.532	13,51	.595	15,11
-10	.656	16,66	.595	15,11	.656	16,66
-11	.719	18,26	.657	16,69	.719	18,26
-12	.781	19,84	.720	18,29	.781	19,84
-13	.844	21,44	.782	19,86	.844	21,44
-14	.906	23,01	.845	21,46	.906	23,01
-15	.969	24,61	.907	23,04	.969	24,61
-16	1.031	26,19	.970	24,64	1.031	26,19
-17	1.094	27,79	1.032	26,21	1.094	27,79
-18	1.156	29,36	1.095	27,81	1.156	29,36
-19	1.219	30,96	1.157	29,39	1.219	30,96
-20	1.281	32,54	1.220	30,99	1.281	32,54
-21	1.344	34,14	1.282	32,56	1.344	34,14
-22	1.406	35,71	1.345	34,16	1.406	35,71
-23	1.469	37,31	1.407	35,74	1.469	37,31
-24	1.531	38,89	1.470	37,34	1.531	38,89
-25	1.594	40,49	1.532	38,91	1.594	40,49
-26	1.656	42,06	1.595	40,51	1.656	42,06
-27	1.719	43,66	1.657	42,09	1.719	43,66
-28	1.781	45,24	1.720	43,69	1.781	45,24
-29	1.844	46,84	1.782	45,26	1.844	46,84
-30	1.906	48,41	1.845	46,86	1.906	48,41
-31	1.969	50,01	1.907	48,44	1.969	50,01
-32	2.031	51,59	1.970	50,04	2.031	51,59



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 INTERNALLY THREADED, EXTERNAL SLEEVE
 A-286 CRES, -1200°F
 PROTRUDING HEX HEAD, SELF LOCKING
 1/32" O/S TO PLT220; 1/64" O/S TO PLT221

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SHEET 2 OF 2