

PART NUMBER	NOM DIA.		A THEO DIA.		A' DIA. MIN.		C MAX.		D DIA.		F DRIVING FLATS		H REF.		J DIA. MAX.		K MAX.	
	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm
PLT151-05(-)	.1790	4,547	.332 .325	8,44 8,25	.296	7,51	.315	8,00	.1800 .1780	4,572 4,521	.086 .081	2,19 2,05	.063	1,60	.244	6,20	.300	7,62
PLT151-06(-)	.2140	5,436	.385 .378	9,78 9,60	.342	8,68	.350	8,89	.2150 .2130	5,461 5,410	.104 .099	2,65 2,51	.070	1,78	.300	7,62	.333	8,46
PLT151-08(-)	.2750	6,985	.507 .499	12,88 12,67	.463	11,76	.385	9,78	.2760 .2740	7,011 6,959	.135 .130	3,43 3,30	.096	2,44	.384	9,76	.366	9,30
PLT151-10(-)	.3260	8,280	.635 .626	16,13 15,90	.577	14,65	.470	11,94	.3270 .3250	8,306 8,255	.152 .147	3,87 3,73	.120	3,25	.427	10,85	.447	11,36
PLT151-12(-)	.3890	9,881	.762 .752	19,36 19,10	.696	17,67	.555	14,10	.3900 .3880	9,906 9,855	.185 .180	4,70 4,57	.154	3,91	.516	13,11	.527	13,39

PART NUMBER	M GAGE PROT.		R RAD.		S MAX.		W GAGE DIA.		HOLE SIZE		BREAK-OFF LIMITS		PREVAILING TORQUE IN. LBS. MIN		DOUBLE SHEAR STRENGTH LBS. MIN		TENSILE STRENGTH LBS. MIN	
	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	IN-LBS	Nm	LBS.	N	LBS.	N
PLT151-05(-)	.0276 .0239	0,701 0,607	.040 .035	1,02 0,88	.012	0,31	.2671 .2669	6,785 6,779	.183 .180	4,65 4,57	+0,20 -0,68	+0,51 -1,73	1.0	0,11	4680	20818	1350	6005
PLT151-06(-)	.0250 .0190	0,635 0,482	.050 .045	1,27 1,14	.015	0,39	.3272 .3270	8,311 8,305	.218 .215	5,54 5,46	+0,15 -0,73	+0,39 -1,86	1.5	0,16	6900	30693	2100	9341
PLT151-08(-)	.0327 .0263	0,831 0,668	.060 .055	1,53 1,39	.015	0,39	.4320 .4318	10,973 10,967	.279 .276	7,09 7,01	+0,10 -0,78	+0,26 -1,99	2.5	0,28	11800	52489	3650	16236
PLT151-10(-)	.0390 .0320	0,991 0,812	.070 .060	1,78 1,52	.020	0,51	.5451 .5449	13,846 13,840	.330 .327	8,38 8,30	+0,10 -0,83	+0,26 -2,11	3.5	0,39	17000	75620	5200	23130
PLT151-12(-)	.0452 .0378	1,148 0,960	.070 .060	1,78 1,52	.023	0,59	.6582 .6580	16,719 16,713	.393 .390	9,98 9,90	+0,10 -0,93	+0,26 -2,37	4.0	0,45	24500	108981	7500	33361



PROCUREMENT SPEC: ESCBB-10.

MATERIAL:

NUT, & SCREW: 5% CHROME STEEL (H-11) PER AMS6487.
SLEEVE: INCONEL X-750 PER AMS5667 OR AMS5582; OR A286 PER AMS5731, AMS5732 OR AMS5737.

HEAT TREAT:

NUT & SCREW: ROCKWELL "C" 48-53.
SLEEVE: AS REQUIRED FOR PERFORMANCE.

FINISH: $\triangle 5$

(-) NUT & SCREW: CADMIUM PLATE PER NAS672 (.0003" MIN THICKNESS) EXCEPT THERMAL INDICATOR MAY BE OMITTED. SUPPLEMENTARY CHROME TREATMENT PER AMS-QQ-P-416 AFTER BAKE. COLOR NUT BLUE.
SLEEVE: CADMIUM PLATE PER AMS-QQ-P-416, TYPE I OR TYPE II, CLASS 2 OR CLASS 3.

(L) NUT & SLEEVE: ALUMINUM COAT PER NAS4006.

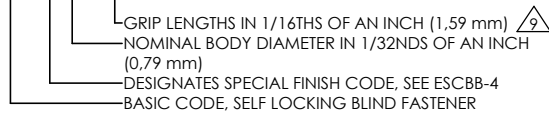
SCREW: CADMIUM PLATE PER NAS672 (.0003" MIN THICKNESS) EXCEPT THERMAL INDICATOR MAY BE OMITTED. SUPPLEMENTARY CHROME TREATMENT PER AMS-QQ-P-416 AFTER BAKE.

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

DRY FILM LUBE PER AS5272 OR MIL-PRF-81329, WWM CARBO-WAX, PARAFFIN WAX, AND/OR CETYL ALCOHOL PER AS87132.

PART CODE & EXAMPLE:

PLT151 L 05 - 05



SECOND DASH NUMBER	$\triangle 6$ GRIP		$\triangle 7$ $\triangle 9$ GRIP RANGE				L REF.									
							PLT151									
							-05-()		-06-()		-08-()		-10-()		-12-()	
INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	
-02	.156	3,96	.094	2,38	.156	3,97	.713	18,11	.829	21,06	-	-	-	-	-	-
-03	.219	5,56	.157	3,98	.219	5,57	.776	19,71	.892	22,66	.910	23,11	1.127	28,63	-	-
-04	.281	7,14	.220	5,58	.281	7,14	.838	21,29	.954	24,23	.972	24,69	1.189	30,20	1.261	32,03
-05	.344	8,74	.282	7,15	.344	8,74	.901	22,89	1.017	25,83	1.035	26,29	1.252	31,80	1.324	33,63
-06	.406	10,31	.345	8,75	.406	10,32	.963	24,46	1.079	27,41	1.097	27,86	1.314	33,38	1.386	35,20
-07	.469	11,91	.407	10,33	.469	11,92	1.026	26,06	1.142	29,01	1.160	29,46	1.377	34,98	1.449	36,80
-08	.531	13,49	.470	11,93	.531	13,49	1.088	27,64	1.204	30,58	1.222	31,04	1.439	36,55	1.511	38,38
-09	.594	15,09	.532	13,50	.594	15,09	1.151	29,24	1.267	32,18	1.285	32,64	1.502	38,15	1.574	39,98
-10	.656	16,66	.595	15,10	.656	16,67	1.213	30,81	1.329	33,76	1.347	34,21	1.564	39,73	1.636	41,55
-11	.719	18,26	.657	16,68	.719	18,27	1.276	32,41	1.392	35,36	1.410	35,81	1.627	41,33	1.699	43,15
-12	.781	19,84	.720	18,28	.781	19,84	1.338	33,99	1.454	36,93	1.472	37,39	1.689	42,90	1.761	44,73
-13	.844	21,44	.782	19,85	.844	21,44	1.401	35,59	1.517	38,53	1.535	39,88	1.752	44,50	1.824	46,33
-14	.906	23,01	.845	21,45	.906	23,02	1.463	37,16	1.579	40,11	1.597	40,56	1.814	46,08	1.886	47,90
-15	.969	24,61	.907	23,03	.969	24,62	1.526	38,76	1.642	41,71	1.660	42,16	1.877	47,68	1.949	49,50
-16	1.031	26,19	.970	24,63	1.031	26,19	1.588	40,34	1.704	43,28	1.722	43,74	1.939	49,25	2.011	51,08
-17	1.094	27,79	1.032	26,20	1.094	27,79			1.767	44,88	1.785	45,34	2.002	50,85	2.074	52,68
-18	1.156	29,36	1.095	27,80	1.156	29,37			1.829	46,46	1.847	46,91	2.064	52,43	2.136	54,25
-19	1.219	30,96	1.157	29,38	1.219	30,97			1.892	48,06	1.910	48,51	2.127	54,03	2.199	55,85
-20	1.281	32,54	1.220	30,98	1.281	32,54			1.954	49,63	1.972	50,09	2.189	55,60	2.261	57,43
-21	1.344	34,14	1.282	32,55	1.344	34,14			2.017	51,23	2.035	51,69	2.252	57,20	2.324	59,03
-22	1.406	35,71	1.345	34,15	1.406	35,72			2.079	52,81	2.097	53,26	2.314	58,78	2.386	60,60
-23	1.469	37,31	1.407	35,73	1.469	37,32			2.142	54,41	2.160	54,86	2.377	60,38	2.449	62,20
-24	1.531	38,89	1.470	37,33	1.531	38,89			2.204	55,98	2.222	56,44	2.439	61,95	2.511	63,78
-25	1.594	40,49	1.532	38,90	1.594	40,49			2.267	57,58	2.285	58,04	2.502	63,55	2.574	65,38
-26	1.656	42,06	1.595	40,50	1.656	42,07			2.329	59,16	2.347	59,61	2.564	65,13	2.636	66,95
-27	1.719	43,66	1.657	42,08	1.719	43,67			2.392	60,76	2.410	61,21	2.627	66,73	2.699	68,55
-28	1.781	45,24	1.720	43,68	1.781	45,24			2.454	62,33	2.472	62,79	2.689	68,30	2.761	70,13
-29	1.844	46,84	1.782	45,25	1.844	46,84			2.517	63,93	2.535	64,39	2.752	69,90	2.824	71,73
-30	1.906	48,41	1.845	46,85	1.906	48,42			2.579	65,51	2.597	65,96	2.814	71,48	2.886	73,30
-31	1.969	50,01	1.907	48,43	1.969	50,02			2.642	67,11	2.660	67,56	2.877	73,08	2.949	74,90
-32	2.031	51,59	1.970	50,03	2.031	51,59			2.704	68,68	2.722	69,14	2.939	74,65	3.011	76,47

NOT AVAILABLE IN -05 DIAMETER

GENERAL NOTES:

- OUTSIDE DIAMETER OF HEAD OF SCREW AND OUTSIDE DIAMETER OF SLEEVE SHALL NOT BE GREATER THAN MAXIMUM "D" DIAMETER.
- REMOVE ALL LOOSE OR HANGING BURRS.
- $\triangle 3$ LOCKING FEATURE CONSISTS OF THREE (3) INDENTATIONS LOCATED 120° APART ON THE PERIPHERY OF THE NUT COMPONENT AND APPROXIMATELY .040" (1,02 mm) ABOVE THE INTERSECTION OF THE NUT NOSE ANGLE AND O.D. (MEAN GRIP OF FASTENER).
- HEAD MARKING ON NUT DESPRESSED .010" (0,26 mm) MAXIMUM. LOCATION OPTIONAL.
- $\triangle 5$ STANDARD FINISHES AND LUBRICANTS ARE SHOWN ABOVE. REFER TO SPECIFICATION ESCBB-4 FOR SPECIAL FINISHES AND/OR LUBRICANTS, IF REQUIRED.
- CONCENTRICITY OF NUT HEAD CONICAL SURFACE TO "D" DIAMETER SHALL BE WITHIN 0.005" (0,13 mm) T.I.R., EXCEPT OVER INDENTATIONS.
- $\triangle 7$ STANDARD GRIP LENGTHS ARE SHOWN IN TABLE II. SHORTER OR LONGER GRIPS THAN THOSE LISTED MAY BE AVAILABLE AS SPECIALS. ON GRIP LENGTHS SHORTER THAN THOSE LISTED, THE BREAKOFF AND PREVAILING TORQUES DO NOT APPLY.
- $\triangle 8$ 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" MAX + .001". FORCE FOR INSERTION SHALL NOT EXCEED FIVE (5) POUNDS (22,23 NEWTONS).
- $\triangle 9$ HALF-GRIP SIZES MAY BE ORDERED BY ADDING (.5) TO THE GRIP DASH NUMBERS.
EXAMPLE: PLT151-06-4.5 INDICATES A NOMINAL GRIP LENGTH OF 4.5 SIXTEENTHS (.281 = 7,14 mm). THE GRIP RANGE FOR THESE HALF-GRIP SIZES WILL BE NOMINAL GRIP +.031/- .030 (+0,79/-0,79 mm). THE BASIC "G" DIMENSION WILL BE NOMINAL GRIP +.031 (+0,79) AND THE OVERALL SCREW LENGTH "L" DIMENSION MAY VARY AT MANUFACTURER'S OPTION.
- $\triangle 10$ DIMENSIONS "A", "A'" AND "H" ARE FOR ENGINEERING REFERENCE PURPOSES ONLY AND ARE NOT TO BE USED FOR INSPECTION PURPOSES. THESE DIMENSIONS ARE THEORETICAL VALUES DERIVED FROM "D", "S", "M", "W" AND HEAD ANGLE DIMENSIONS.
- DIMENSIONS ARE EXCLUSIVE OF LUBRICATION.
- $\triangle 12$ "G" TOLERANCES: FOR -05 & -06 SIZES +.030/-0,010 (+0,762/-0,254 mm), FOR -08 & -10 SIZES +.040/-0,010 (+1,016/-0,254 mm), FOR -12 SIZES +.050/-0,010 (+1,270/-0,254 mm).

3423 SOUTH GARFIELD AVENUE
COMMERCE, CALIFORNIA 90040
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TITLE:
VISU-LOK, FASTENER, BLIND INTERNALLY THREADED, EXTERNAL SLEEVE HIGH STRENGTH, 5% CHROME STEEL (H-11) 100° FLUSH HEAD, SELF-LOCKING 1/64" (0,40 mm) OVERSIZE

DRAWING NO:
PLT151()-()-()

DRAWN BY: G.MARTINEZ DRAWN DATE: 07-12-13

APPROVED BY: CHECKED DATE:

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