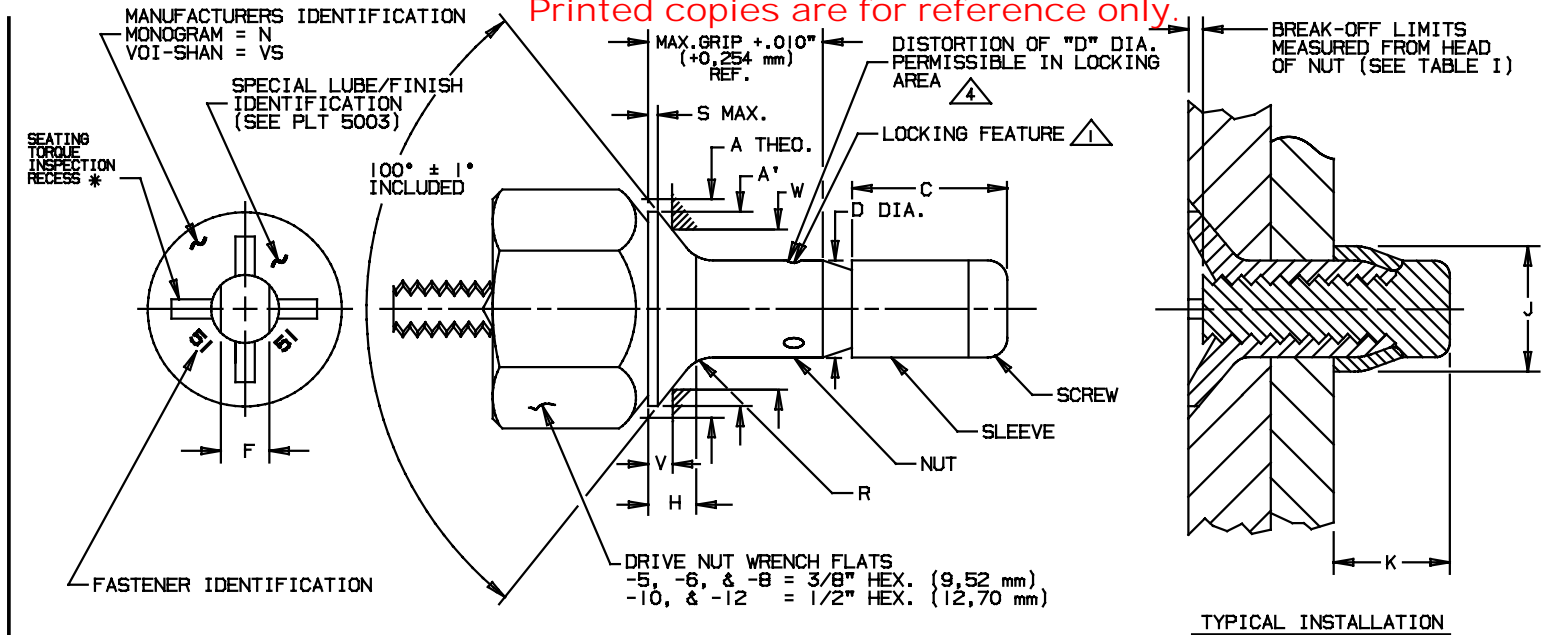


Printed copies are for reference only.



HEAD MARKINGS DEPRESSED .010 INCH ( 0,254 mm ) MAX. ( POSITION OPTIONAL )  
\* DRIVE-NUT NOT SHOWN FOR CLARITY OF HEAD MARKINGS.

TABLE I

PART NUMBER	NOM. DIA.		A DIA. THEO.		A' DIA. MIN.		C MAX.		D DIA.		F FLATS		H REF.		J DIA. MAX.		K REF.		R RAD.	
	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm
PLT 5151-5-()	.179	4,55	.332 .325	8,43 8,25	.296	7,52	.315	8,00	.1800 .1780	4,572 4,521	.086 .081	2,18 2,06	.063	1,60	.244	6,20	.300	7,62	.040 .035	1,02 0,89
PLT 5151-6-()	.214	5,44	.385 .378	9,78 9,60	.342	8,69	.350	8,89	.2150 .2130	5,461 5,410	.104 .099	2,64 2,52	.070	1,78	.300	7,62	.333	8,46	.050 .045	1,27 1,14
PLT 5151-8-()	.275	6,98	.507 .499	12,88 12,67	.463	11,76	.385	9,78	.2760 .2740	7,010 6,960	.135 .130	3,43 3,30	.096	2,44	.384	9,75	.366	9,30	.060 .055	1,52 1,40
PLT 5151-10-()	.326	8,28	.635 .626	16,13 15,90	.577	14,66	.470	11,94	.3270 .3250	8,306 8,255	.152 .147	3,86 3,73	.128	3,25	.427	10,85	.447	11,35	.070 .060	1,78 1,52
PLT 5151-12-()	.389	9,88	.762 .752	19,35 19,10	.696	17,68	.555	14,10	.3900 .3880	9,906 9,855	.185 .180	4,70 4,57	.154	3,91	.516	13,11	.527	13,39	.070 .060	1,78 1,52

TABLE I (CONT.)

PART NUMBER	S MAX.		V GAGE PROT.		W GAGE DIA.		BREAK-OFF LIMITS		MINIMUM AVAILABLE GRIP LENGTH (TABLE II)	HOLE SIZE		PREVAILING TORQUE MIN.		DOUBLE SHEAR STRENGTH MIN.		TENSILE STRENGTH MIN.	
	INCH	mm	INCH	mm	INCH	mm	INCH	mm		INCH	mm	IN-LB	Nm	LBS.	N	LBS.	N
PLT 5151-5-()	.012	0,30	.0276 .0239	0,701 0,607	.2671 .2669	6,784 6,779	+.020 -.068	+0,51 -1,73	-2	.183 .180	4,65 4,57	1.0	0,113	4680	20820	1350	6000
PLT 5151-6-()	.015	0,38	.0250 .0190	0,635 0,483	.3272 .3270	8,311 8,306	+.015 -.073	+0,38 -1,85	-2	.218 .215	5,54 5,46	1.5	0,170	6900	30700	2100	9340
PLT 5151-8-()	.015	0,38	.0327 .0263	0,831 0,668	.4320 .4318	10,973 10,968	+.010 -.078	+0,25 -1,98	-3	.279 .276	7,09 7,01	2.5	0,282	11800	52500	3650	16240
PLT 5151-10-()	.020	0,51	.0390 .0320	0,991 0,813	.5451 .5449	13,846 13,840	+.010 -.083	+0,25 -2,11	-4	.330 .327	8,38 8,30	3.5	0,400	17000	75620	5200	23130
PLT 5151-12-()	.023	0,58	.0452 .0378	1,148 0,960	.6582 .6580	16,718 16,713	+.010 -.093	+0,25 -2,36	-4	.393 .390	9,98 9,90	4.0	0,452	24500	109000	7500	33360

**VOI-SHAN**  
CODE IDENT. NO.  
**92215**

U.S. PATENT NO. 3643544, 4747202, AND 4967463  
EUROPEAN PATENT NO. 0152531 AND 0216980

**MONOGRAM**  
CODE IDENT. NO.  
**98524**

APPROVED DATE  
11-27-85 ECN 4345  
REV. LETTER AND DATE  
"D" 9-9-91 ECN 6960

TITLE  
VISU-LOK® II FASTENER, BLIND  
100° FLUSH TENSION HEAD 1/64 OVERSIZE DIAMETER  
5% CHROME ALLOY (H-11)

**STANDARD**  
**PLT 5151**  
SHEET 1 OF 2

APPLICABLE SPECIFICATIONS:

PROCUREMENT SPECIFICATION = PLT 5000, CLASS 4, TYPE I  
PART NUMBER ASSIGNMENT = PLT 5001  
INSTALLATION AND REMOVAL = PLT 5002  
SPECIAL LUBE AND FINISH = PLT 5003

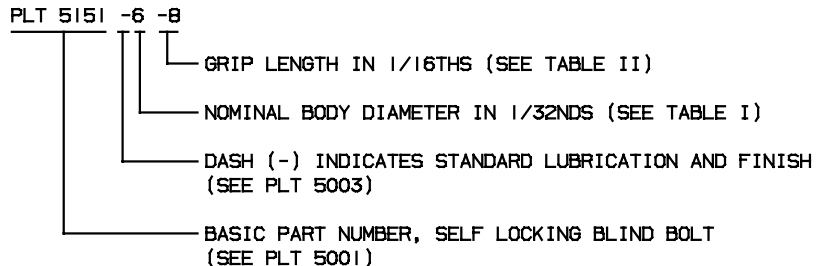
MATERIAL: NUT & SCREW: 5% CHROME STEEL (H-11) PER AMS 6487  
SLEEVE: A-286 PER AMS 5731, AMS 5732, AMS 5737,  
OR INCONEL X-750 PER AMS 5667 OR AMS 5582  
DRIVE NUT: MILD STEEL

HEAT TREAT: NUT & SCREW: HEAT TREAT TO RC 48-53  
SLEEVE: AS REQUIRED FOR PERFORMANCE  
DRIVE NUT: AS REQUIRED FOR PERFORMANCE

FINISH: NUT & SCREW: CADMIUM PLATE PER NAS 672, .0003" MINIMUM THICKNESS  
(EXCEPT THERMAL INDICATOR MAY BE OMITTED) FOLLOWED BY A  
DICHROMATE POST TREATMENT PER QQ-P-416, COLOR NUT BLUE  
SLEEVE: PASSIVATE PER MIL-S-5002. CADMIUM PLATE PER QQ-P-416,  
TYPE I, CLASS 3  
DRIVE NUT: CORROSION RESISTANT COATING. COLOR RED

LUBRICATION: SOLID DRY FILM LUBRICANT PER THE CHEMICAL REQUIREMENTS OF  
MIL-L-46010 TYPE I OR EVERLUBE 812 PER MIL-L-81329, PARAFFIN  
WAX OR CETYL ALCOHOL PER MIL-L-87132 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:

- 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 NUMBER  
EXAMPLE: PLT 5151-6-4.5 HAS A NOMINAL GRIP LENGTH OF 4-1/2 16THS  
(.281" = 7.14mm) AND A GRIP RANGE OF .250" THRU .312".  
(6.35mm THRU 7.92mm)
- 3 ALTERNATE HEAD MARKING: "N" (OR VS), "151"
- 4 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 MINIMUM RECOMMENDED HOLE SIZE. FORCE FOR INSERTION SHALL NOT EXCEED FIVE (5) POUNDS (22.23 NEWTONS)
- 5 SECOND DASH NUMBER (GRIP RANGE) -17 THROUGH -32 NOT AVAILABLE IN -5 DIAMETER

TABLE II

2ND DASH NO. 5	GRIP RANGE 2			
	MIN. GRIP		MAX. GRIP	
	INCH	mm	INCH	mm
-2	.094	2,39	.156	3,96
-3	.157	3,99	.219	5,56
-4	.220	5,59	.281	7,14
-5	.282	7,16	.344	8,74
-6	.345	8,76	.406	10,31
-7	.407	10,34	.469	11,91
-8	.470	11,94	.531	13,49
-9	.532	13,51	.594	15,09
-10	.595	15,11	.656	16,66
-11	.657	16,69	.719	18,26
-12	.720	18,29	.781	19,84
-13	.782	19,86	.844	21,44
-14	.845	21,46	.906	23,01
-15	.907	23,04	.969	24,61
-16	.970	24,64	1.031	26,19
-17	1.032	26,21	1.094	27,79
-18	1.095	27,81	1.156	29,36
-19	1.157	29,38	1.219	30,97
-20	1.220	30,98	1.281	32,54
-21	1.282	32,55	1.344	34,14
-22	1.345	34,15	1.406	35,72
-23	1.407	35,73	1.469	37,32
-24	1.470	37,33	1.531	38,89
-25	1.532	38,90	1.594	40,49
-26	1.595	40,50	1.656	42,07
-27	1.657	42,08	1.719	43,67
-28	1.720	43,68	1.781	45,24
-29	1.782	45,25	1.844	46,84
-30	1.845	46,85	1.906	48,42
-31	1.907	48,43	1.969	50,02
-32	1.970	50,03	2.031	51,59

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REV. LETTER AND DATE  
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**PLT 5151**  
SHEET 2 OF 2