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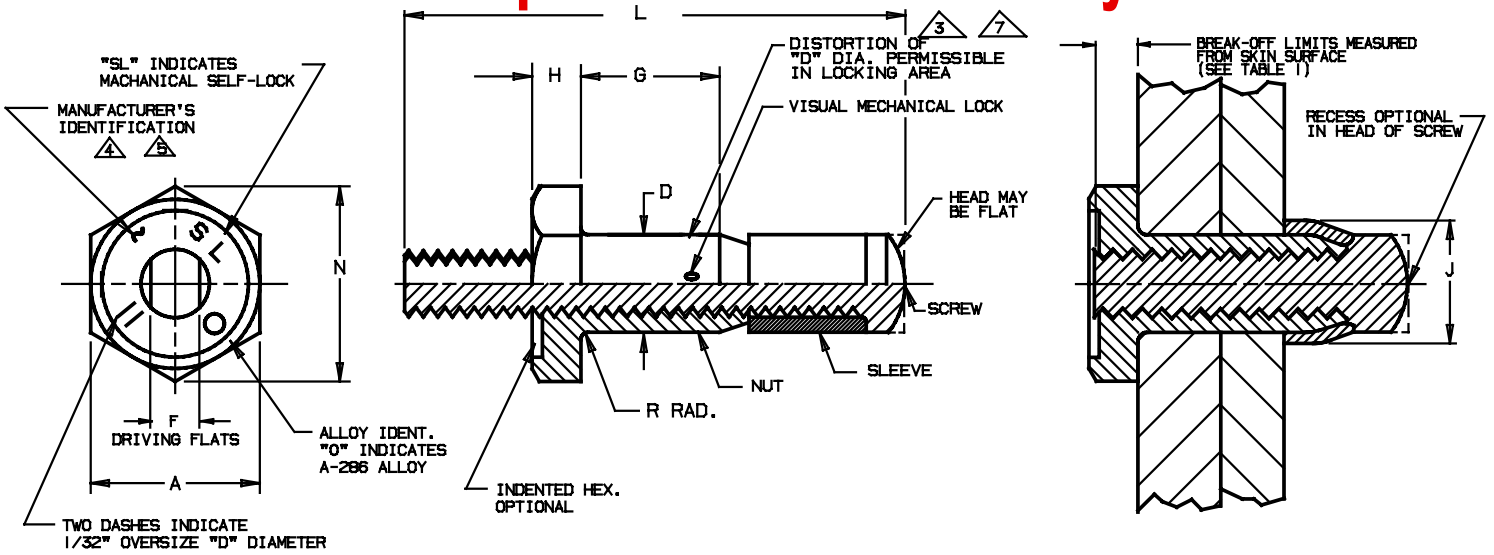


TABLE I

TYPICAL INSTALLATION

PART NUMBER	NOM. DIA.	A THEO. DIA.	D DIA.	F DRIVING FLATS	H MAX.	J DIA. MAX.	N MIN.	R RAD.	HOLE SIZE	BREAK-OFF LIMITS	PREVAILING TORQUE IN. LBS. MIN.	DOUBLE SHEAR STRENGTH LBS. MIN.	TENSILE STRENGTH LBS. MIN.
PLT 1055-6-(*)	.2290	.312 .305	.2300 .2280	.104 .099	.113	.315	.340	.025 .015	.233 .230	+.103 +.015	1.5	4530	1400
PLT 1055-8-(*)	.2900	.375 .367	.2910 .2890	.135 .130	.135	.401	.409	.025 .015	.294 .291	+.130 +.032	2.5	7200	2100
PLT 1055-10-(*)	.3415	.437 .429	.3425 .3405	.152 .147	.160	.442	.479	.030 .015	.346 .343	+.130 +.027	3.5	10350	3600
PLT 1055-12-(*)	.4045	.500 .491	.4055 .4035	.185 .180	.190	.531	.548	.030 .015	.409 .406	+.130 +.027	4.0	15750	5600

(\*) SEE TABLE II FOR SECOND DASH NUMBER AND APPROVED CALLOUT.

TABLE II

SECOND DASH NUMBER	G GRIP	GRIP RANGE		L REF.				SECOND DASH NUMBER	G GRIP	GRIP RANGE		L REF.			
		MIN.	MAX.	PLT1055						MIN.	MAX.	PLT1055			
				-6-(*)	-8-(*)	-10-(*)	-12-(*)					-6-(*)	-8-(*)	-10-(*)	-12-(*)
-1	.093	.031	.093	.874	-	-	-	-17	1.094	1.032	1.094	1.874	1.944	2.096	2.179
-2	.156	.094	.156	.936	1.006	1.158	-	-18	1.156	1.095	1.156	1.936	2.006	2.158	2.242
-3	.219	.157	.219	.999	1.069	1.221	1.304	-19	1.219	1.157	1.219	1.999	2.069	2.221	2.304
-4	.281	.220	.281	1.061	1.131	1.283	1.367	-20	1.281	1.220	1.281	2.061	2.131	2.283	2.367
-5	.344	.282	.344	1.124	1.194	1.346	1.429	-21	1.344	1.282	1.344	2.124	2.194	2.346	2.429
-6	.406	.345	.406	1.186	1.256	1.408	1.492	-22	1.406	1.345	1.406	2.186	2.256	2.408	2.492
-7	.469	.407	.469	1.249	1.319	1.471	1.554	-23	1.469	1.407	1.469	2.249	2.319	2.471	2.554
-8	.531	.470	.531	1.311	1.381	1.533	1.617	-24	1.531	1.470	1.531	2.311	2.381	2.533	2.617
-9	.594	.532	.594	1.374	1.444	1.596	1.679	-25	1.594	1.532	1.594	2.374	2.444	2.596	2.679
-10	.656	.595	.656	1.436	1.506	1.658	1.742	-26	1.656	1.595	1.656	2.436	2.506	2.658	2.742
-11	.719	.657	.719	1.499	1.569	1.721	1.804	-27	1.719	1.657	1.719	2.499	2.569	2.721	2.804
-12	.781	.720	.781	1.561	1.631	1.783	1.867	-28	1.781	1.720	1.781	2.561	2.631	2.783	2.867
-13	.844	.782	.844	1.624	1.694	1.846	1.929	-29	1.844	1.782	1.844	2.624	2.694	2.846	2.929
-14	.906	.845	.906	1.686	1.756	1.908	1.992	-30	1.906	1.845	1.906	2.686	2.756	2.908	2.992
-15	.969	.907	.969	1.749	1.819	1.971	2.054	-31	1.969	1.907	1.969	2.749	2.819	2.971	3.054
-16	1.031	.970	1.031	1.811	1.881	2.033	2.117	-32	2.031	1.970	2.031	2.811	2.881	3.033	3.117



\*G" TOLERANCES: FOR -6 SIZE +.030/-.010; FOR -8 & -10 SIZES +.040/-.010; FOR -12 SIZE +.050/-.010.

U.S. PATENT NO. 3643544, OTHER PATENTS PENDING.

**Fairchild**  
 CODE IDENT. NO.  
**92215**

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

APPROVED DATE  
 OCTOBER 19, 1976  
 REV. LETTER AND DATE  
 ① 12-01-93

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TITLE  
**VISU-LOK, FASTENER, BLIND INTERNALLY THREADED, EXTERNAL SLEEVE A-286 CRES, -1200°F PROTRUDING HEX HEAD, SELF LOCKING 1/32" OVERSIZE**

**STANDARD**  
**PLT 1055**  
**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 AMS 5732 OR AMS 5737.

HEAT TREAT : NUT & SCREW : SOLUTION HEAT TREATED AND AGED TO A CORE HARDNESS OF Rc 30 TO Rc 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 MIL-S-5002.

SLEEVE : PASSIVATE PER MIL-S-5002.

LUBRICANT : LUBRICANTS LISTED BELOW MAY BE APPLIED TO ANY OR ALL COMPONENTS IF REQUIRED FOR  
 PERFORMANCE; DRY FILM LUBE PER MIL-L-46010 TYPE I OR EVERLUBE 812 PER MIL-L-81329,  
 WWM CARBO WAX, PARAFFIN WAX, OR CETYL ALCOHOL PER MIL-L-87132.

PART CODE

& EXAMPLE :

PLT 1055 - 8 - 8

GRIP LENGTHS IN 1/16THS (SEE TABLE II).

NOMINAL BODY DIAMETER IN 1/32NDS (SEE TABLE I).

BASIC PART NUMBER, 1/32" OVERSIZE, SELF-LOCKING BLIND FASTENER.

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 VOI-SHAN.

5. HEAD MARKINGS ON NUT DEPRESSED .010 MAX.

6. STANDARD FINISHES AND LUBRICANTS ARE SHOWN ABOVE. REFER TO SPECIFICATION  
 ESCBB4 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  
 "D" MAX. + .001". FORCE FOR INSERTION SHALL NOT EXCEED FIVE (5) POUNDS.

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 A-286 CRES, -1200°F  
 PROTRUDING HEX HEAD, SELF LOCKING  
 1/32" OVERSIZE**

**STANDARD**

**PLT 1055**

**SHEET 2 OF 2**

REV. LETTER AND DATE

ⓐ 12-01-93