

Voi-Shan • Tridair • Screwcorp

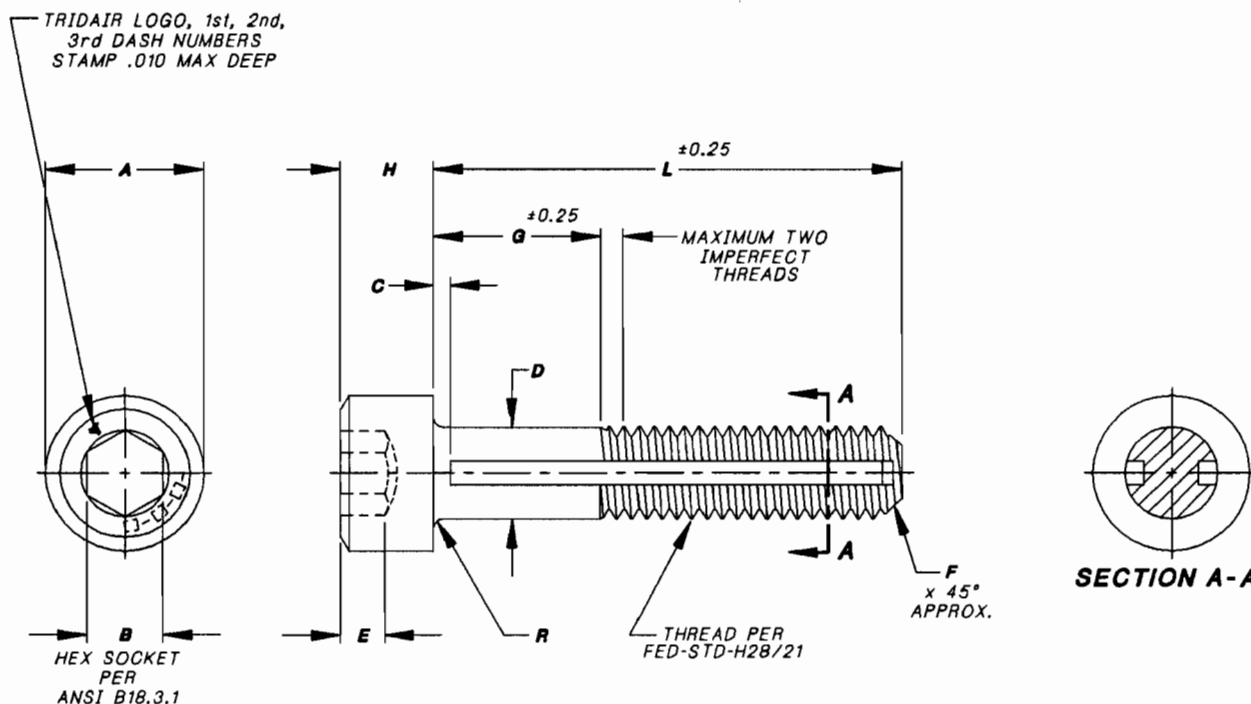


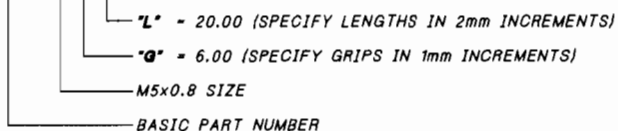
TABLE 1

FIRST DASH NUMBER	THREAD SIZE	A DIA	B NOMINAL	C MAX	D DIA	E MIN	F	H	R RAD	ULTIMATE TENSILE STRENGTH MINIMUM (NEWTONS)	ULTIMATE SINGLE SHEAR STRENGTH MINIMUM (NEWTONS)	RECOMMENDED SEATING TORQUE (NEWTON METERS)
-M3.5	M3.5x0.6-6g	6.00 5.80	2.5	1.27	3.50 3.32	1.50	0.64	3.50 3.38	0.25	4,540 N	2,800 N	1.4 TO 1.9 N·M
-M4	M4x0.7-6g	7.00 6.80	3.0	1.27	4.00 3.82	2.00	0.64	4.00 3.88	0.38	5,500 N	5,700 N	1.8 TO 2.7 N·M
-M5	M5x0.8-6g	8.50 8.27	4.0	1.27	5.00 4.82	2.50	0.76	5.00 4.86	0.51	9,490 N	9,260 N	3.8 TO 5.8 N·M
-M6	M6x1-6g	10.00 9.74	5.0	1.27	6.00 5.82	3.00	0.76	6.00 5.85	0.51	14,200 N	14,130 N	6.8 TO 10.5 N·M

NOTES:

- MATERIAL: 17-4PH CRES PER AMS5643.
- HEAT TREAT: CONDITION H1025 PER MIL-H-6875 (1068.7MPa MINIMUM).
- FINISH: PASSIVATED PER QQ-P-35.
- HEAD: HEX SOCKET HEAD CAP SCREW PER ANSI B18.3.1, PLAIN, NOT KNURLED.
- SCREW TO BE USED WITH CA2210-MI IR RETAINING RING TO CAPTIVATE TO PANEL.
- PANEL PREPARATION: REFER TO CAL-STD-0273 DRAWING.
- INSTALLATION: REFER TO TRIDAIR DRAWING NUMBER CA2210T-MI.

8. CA2253-M5-6-20



- TENSILE AND SHEAR STRENGTHS ARE CALCULATED VALUES.
- DIMENSIONS ARE IN MILLIMETERS.

INTERIM DOCUMENT REVISION		
Rev.	Date	DAF #
B1	14/21/10	94301

S4273 PROJECT NUMBER: 92-115

APPROVED DATE	21 JAN 92
REV. LETTER AND DATE	B 10 MAR 94
ECN NUMBER	ECN 33055

Fairchild AEROSPACE FASTENER DIVISION
 ENGINEERING CENTER
 3010 WEST LOMITA BOULEVARD
 TORRANCE, CA 90505

CAGE CODE **92215**
 TRIDAIR PRODUCT

SCREW, SOCKET HEAD,
 CAPTIVE, CRES,
 METRIC SIZES

CA2253-M()-()-()

SHEET 1 OF 1

SCANNED