



STUD PART NUMBER REF	A THREAD CLASS-3B 3	B DIA +.003 -.000 1		C +.030 -.000	D MIN FULL THREAD DEPTH 6	E MIN DRILL DEPTH 6	
		AL	MAG			PLUG TAP	BOTTOM TAP
SFA101-9SA12A	.3125-18UNJC	.375	.381	.141	.595	.845	.734
SFA111-11SA14A	.3750-16UNJC	.437	.448	.156	.725	1.006	.881
SFA111-11SA16A	.3750-16UNJC	.437	.448	.156	.725	1.006	.881
SFA121-12SA16.5A	.4375-14UNJC	.515	.526	.172	.785	1.106	.964
SFA121-12SA18A	.4375-14UNJC	.515	.526	.172	.785	1.106	.964
SFA131-13SA18A	.5000-13UNJC	.593	.601	.172	.845	1.191	1.037
SFB101-9SA14A	.3125-18UNJC	.375	.381	.141	.595	.845	.734
SFB111-11SA14.5A	.3750-16UNJC	.437	.448	.156	.725	1.006	.881

NOTES:

1. "B" diameter and minor diameter of thread to be concentric within .003 FIM.
2. When parent material surface is not flat or normal to axis of hole, provide a spotface for proper locking entry.
3. Thread as shown per MIL-S-8879 is preferred. Alternate thread per FED-STD-H28/2 class 3B or National class 3 is applicable when specified by design activity.
4. Surface roughness: Machined surfaces to be 125 microinches Ra in accordance with ANSI/ASME B46.1.
5. Remove all burrs and sharp edges.
6. "D" minimum length full thread depth and "E" minimum drill depth are applicable for standard stud end length shown only. For non standard lengths (see part number coding) "D" and "E" must change accordingly.

**HOLE PREPARATION
STUD - RING LOCKED**

**SFA() & SFB()
SERIES**