

TABLE 1B - G THROUGH N

BASIC NO. AS4200		G		J		K		L		M		(N)	LB/EA MAX
/9/	/17/	MIN	(H)	+ .010/- .005	0/- .015	+ .010/- .005	+ .007	MIN	MIN	MIN	MIN	MIN	
02		.246	.317	.496	.339	.125	.192	.141	.008				
03		.278	.349	.527	.350	.125	.192	.164	.011				
04		.331	.400	.569	.378	.125	.192	.197	.015				
05		.393	.491	.569	.404	.125	.192	.197	.020				
06		.456	.544	.610	.434	.125	.210	.205	.027				
07		.515	.605	.623	.458	.125	.210	.218	.035				
08		.574	.670	.623	.485	.125	.210	.218	.038				
09		.652	.739	.687	.513	.125	.210	.274	.049				
10		.717	.824	.687	.538	.125	.210	.274	.062				
11		.765	.891	.737	.561	.125	.220	.303	.074				

NOTES:

1. MATERIAL:
 - a. FITTING: 6Al-4V TITANIUM ALLOY PER AMS 4928, AMS 4965, OR AMS 4967
 - b. LOCKRING: A286 CORROSION RESISTANT STEEL PER AMS 5731 OR AMS 5734
2. HEAT TREATMENT:
 - a. FITTING: 140 ksi UTS MIN
 - b. LOCKRING: 34-40 HRC
3. FINISH:
 - a. FITTING: ANODIC TREATMENT PER AMS 2488, TYPE 2
 - b. LOCKRING: PASSIVATE PER QQ-P-35, TYPE II AND POLYTETRAFLUOROETHYLENE COATING (COLOR: ORANGE)
- /4/ PROCUREMENT SPECIFICATION: MIL-F-85720 EXCEPT AS SPECIFIED ON THIS STANDARD. THIS PART SHALL BE QUALIFIED TO THE PROCUREMENT SPECIFICATION IN A COMPLETE ASSEMBLY. USERS OF THIS STANDARD ARE ADVISED TO CONTROL SOURCE APPROVAL(S) BY STANDARD PAGE SUPPLEMENT SHEET OR SIMILAR MEANS.
- /5/ SEALING SURFACE: NO VISIBLE DEFECTS. TO BE PROTECTED FOR SHIPMENT
- /6/ LOCKRING RETAINED ON FITTING BY CONTROLLED INTERFERENCE FIT. FOUR TEETH, APPROXIMATELY 90° APART HAVE BEEN REMOVED FROM THE LOCKRING EXTERNAL SERRATION FOR 8000 psi IDENTIFICATION PURPOSES.
- /7/ SEALING ANGLES:
 - a. SIZES -02 AND -03: 3°00' TO 3°30'
 - b. SIZES -04 AND LARGER: 8°30' TO 9°00'
8. IDENTIFICATION PER AS478 CLASS 35D. NAME, TRADEMARK OR CAGE CODE, AND PART NUMBER.
- /9/ WORKING PRESSURE: PARTS ARE DESIGNED FOR USE IN 8000 psi WORKING PRESSURE SYSTEMS COMPATIBLE WITH TITANIUM. THE USE OF ODD SIZES (-03, -05, -07, -09, AND -11) IS RECOMMENDED. THE USE OF EVEN SIZES (-02, -04, -06, -08, AND -10) IS OPTIONAL AND SHALL BE THE RESPONSIBILITY OF THE DESIGN ACTIVITY.
10. ADAPTERS TO BE INSTALLED PER AS4202 INTO BOSS CAVITIES PER AS4201.
11. INVENTORIED PARTS CONFORMING TO THE PREVIOUS "LETTER CHANGE" MAY BE USED TO DEPLETION.
12. INTERPRETATION OF DRAWING PER ARP4296.
13. SURFACE TEXTURE: SYMBOLS PER ANSI Y14.36; REQUIREMENTS PER ANSI/ASME B46.1. UNLESS OTHERWISE SPECIFIED, MACHINED SURFACES TO BE 125 µin Ra AND SEALING SURFACE TO BE 63 µin Ra.
14. BREAK EDGES .003 TO .015 UNLESS OTHERWISE SPECIFIED.

	AEROSPACE STANDARD		AS4200 SHEET 2 OF 3	REV. A
	FITTING ASSEMBLY, ADAPTER RING LOCKED PORT CONNECTION TO BEAM SEAL 8000 PSI			