



STUD PART NUMBER REF	A THREAD CLASS-3B <div>2</div>	B DIA +.003 -.000 <div>1</div>	C CBORE DEPTH <div>3</div>	D CBORE DEPTH <div>4</div>	TAP DRILL SIZE REF	O-RING SIZE REF <div>5</div>
SHF101-9SA()A	.3125-18UNJC	.375	.148	.195	.257	AS568-010
SHF111-11SA()A	.3750-16UNJC	.437	.157	.205	.312	AS568-011
SHF121-12SA()A	.4375-14UNJC	.515	.186	.230	.368	AS568-012
SHF131-13SA()A	.5000-13UNJC	.593	.186	.255	.422	AS568-110
SHF144-14SA()A	.6250-11UNJC	.734	.201	.274	.535	AS568-112
SHF151-16SA()A	.6250-11UNJC	.734	.201	.274	.535	AS568-112
SHF161-18SA()A	.7500-10UNJC	.875	.201	.274	.656	AS568-115
SHF181-21SA()A	.8750-9UNJC	1.000	.201	.305	.765	AS568-210
SHF201-24SA()A	1.0000-8UNJC	1.125	.201	.305	.875	AS568-212

NOTES:

- 1

 "B" diameter and minor diameter of thread to be concentric within .003 FIM.
- 2

 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.
- 3

 WITHOUT O-RING: Use for dust and foreign matter exclusion. Install port until flange is seated in counter bore. Do not use excessive wrench torque.
- 4

 WITH O-RING: Use to effect fluid seal for pressures up to 150 PSI. See note

5

. Install part until top serrated flange is .010 to .020 below surface.
- 5

 O-ring must be specified separately and shall be selected based on system fluid and temperature and are not supplied by HFS. O-ring sizes per AS568. With proper installation and proper choice of O-ring, fluid seal up to 150 PSI will be effected.
6. Drive locking from .005 to .010 below material surface.
7. For removal procedure see page 36. Install new stud per notes 3 thru 6 above.

HOLE PREPARATION AND INSTALLATION STUD - RING LOCKED, HYDRAULIC

**SHF()
SERIES**