



Howmet Fastening Systems

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Item # RFK9806-13, RFK9800-13 - Adapter - Port Connection, Ring Locked to Flared Tube End, 4000 PSI Working Pressure System

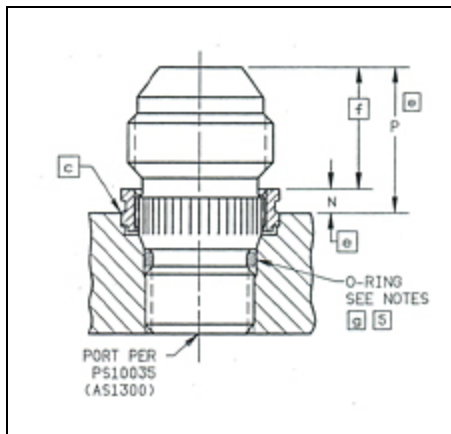
THREAD: AS8879 Class-3A

1. MATERIALS:

- Fitting: 6Al-4V titanium per AMS4928, AMS4965 or AMS4967, 130 KSI UTS MIN.
- Lockring: A286 cres per AMS5731, AMS5732, AMS5734 or AMS5737, 34-40 HRC.

2. FINISH:

- Fitting: Anodic treatment per AMS2488, Type 2.
- Lockring: Passivate per AMS2700, Type 2.



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Specifications

SAE Ident. Number	AS1985-06
Tube OD	0.375
A Thread AS8879 Class-3A	0.5625-18 UNJF
B Thread AS8879 Class-3A	0.4375-20 UNJF
C (± .005)	0.700
D	0.293-0.301

E (+.005/-.002)	0.364
F (MIN)	0.456
G	0.544
H (+.010/-.005)	0.872
J (+.000/-.015)	0.395
K (+.010/-.005)	0.125
L (± .007)	0.210
O-Ring Size	AS568-012
Adapter weight lbs/ea (MAX)	0.028
Port PS10035 (AS1300)	PS10035-06
N (MAX)	0.130
P (± .020)	0.691
Porting Tool No.	RPT06
Basic Broach Tool Impact Type	RFOPB5006
O-Ring Installation Tool Number	ORT437
Combination Wrench and Drive Tool	RF9806DW
Lockring Removal Tool Number	RF06LPDE

Engineering information

ENGINEERING INFORMATION:

- THESE PARTS ARE PRIMARILY DESIGNED FOR USE IN 4000 PSI HYDRAULIC WORKING PRESSURE SYSTEMS COMPATIBLE WITH TITANIUM.
- THESE PARTS PROVIDE SEMI-PERMANENT MALE ADAPTER INSTALLATIONS IN VALVE AND CYLINDER BODIES, MANIFOLDS ETC...
- SERRATED LOCKRING PREVENTS ROTATION WHEN MATING LINES ARE ATTACHED OR REMOVED.

Installation information

INSTALLATION INFORMATION:

- d. ADAPTERS TO BE INSTALLED AND REMOVED PER SAE STANDARD AS1301.
- e. "N" AND "P" STAND-OFF DIMENSIONS ARE FOR DESIGN PURPOSES ONLY. DO NOT USE AS INSTALLATION DATA.
- f. THIS DIMENSION MEETS THE MINIMUM REQUIREMENTS OF AS4395, STYLE "E".
- g. O-RINGS MUST BE SPECIFIED SEPARATELY AND SHALL BE SELECTED BASED ON SYSTEM FLUID AND TEMPERATURE AND ARE NOT SUPPLIED BY HFS.

Notes

NOTES: UNLESS OTHERWISE SPECIFIED

- 3. LOCKRING RETAINED ON ADAPTER BY CONTROLLED INTERFERENCE FIT.
- 4. SEALING SURFACE: NO VISIBLE DEFECTS. TO BE PROTECTED FOR SHIPMENT.
- 5. O-RING DASH NUMBERS SHOWN CONFORM TO AS568 UNIFORM DASH NUMBERING SYSTEM.
- 6. **IDENTIFICATION:**

MARK AT LOCATION SHOWN PER AS478 METHOD 2 OR 15, MANUFACTURER'S NAME, TRADEMARK OR CAGE CODE.

MARK PER AS478 METHOD 35D. NAME, TRADEMARK OR CAGE CODE, AS1985, IF APPLICABLE HFS PART NUMBER.

7. ALL MACHINED SURFACES SHALL BE SMOOTH TO 125 MICROINCHES Ra, SERRATION 250 MICROINCHES Ra,

SEALING SURFACES 63 MICROINCHES Ra PER ASME B46.1.

8. BREAK EDGES .003-.015.

9. PROCUREMENT SPECIFICATION: AS4841 EXCEPT AS SPECIFIED ON THIS DRAWING.