



Howmet Fastening Systems

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Item # RFK9906-13, RFK9900-13 - Adapter - Port Connection, Ring Locked to Flareless Tube End, 4000 PSI System

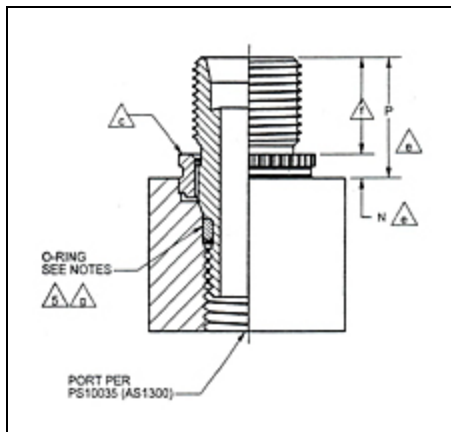
THREAD: AS8879 Class-3A

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	AS4099-06
(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	0.294-0.300

E (+.005/-0.002)	0.364
F (MIN)	0.456
G	0.544
H (± .005)	0.789
J (+.000/-0.015)	0.395
K (+.010/-0.005)	0.125
L (± .007)	0.210
M (No. of Teeth)	36
O-Ring Size	AS566-012
Weight lbs/ea	0.025
HFS port PS10035	PS 10035-06
SAE Port AS1300	AS1300-06
N (MAX)	0.130
P (± .0175)	0.6090
Porting Tool No.	RPT06
Chip Removal Tool Number	RF06CRP
Basic Broach Tool Non-Impact Type	RFOPB5006HDB
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 (SAE STANDARD AS18280) COMPATIBLE WITH TITANIUM.
- THESE PARTS PROVIDE SEMI-PERMANENT MALE ADAPTER INSTALLATIONS IN VALVE AND

CYLINDER BODIES, MANIFOLDS ETC...

c. SERRATED LOCKRING PREVENTS ROTATION WHEN MATING LINES ARE ATTACHED OR REMOVED.

Installation information

INSTALLATION INFORMATION:

d. ADAPTERS TO BE INSTALLED AND REMOVED PER METHODS DESCRIBED IN HFS RFK9900 CATALOG OR 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 STAND OFF REQUIREMENTS OF AS4375 OR AS33514, STYLE "E" EXCEPT SIZE-14.

g. O-RINGS MUST BE SPECIFIED SEPARATELY AND SHALL BE SELECTED BASED ON SYSTEM FLUID AND TEMPERATURE AND ARE NOT SUPPLIED BY HFS.

Notes

NOTE: UNLESS OTHERWISE SPECIFIED

3. LOCKRING RETAINED ON ADAPTER BY CONTROLLED INTERFERENCE FIT.

4. SEALING SURFACE: NO VISIBLE DEFECTS. TO BE PROTECTED FOR SHIPMENT. TAKE CARE IN HANDLING.

5. THIS PART IS USED IN CONJUNCTION WITH AN O-RING. O-RING SIZE PER AS568.

6. IDENTIFICATION:

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

BAG AND TAG PER AS478, METHOD 35D. MANUFACTURER'S NAME, TRADEMARK OR CAGE CODE, CUSTOMER PART NUMBER IF APPLICABLE, HFS PART NUMBER.

7. ALL MACHINED SURFACES SHALL BE SMOOTH TO 125 MICROINCHES Ra, SERRATION 250 MICROINCHES Ra AND SEALING SURFACES 63 MICROINCHES Ra PER ASME B46.1. 8. Diam. "D" FOR DASH 04 IS .184-.190 ON AS4375 OR AS33514 END AND REDUCED TO diam. "D" PER THIS STANDARD ON OPPOSITE END.

9. DASH 14 FITTING TUBE END SIDE PER BOEING AIRCRAFT COMPANY SPECIFICATION BACD 2068, STYLE "E".

10. PROCUREMENT SPECIFICATION: AS18280 EXCEPT AS SPECIFIED ON THIS CATALOG.