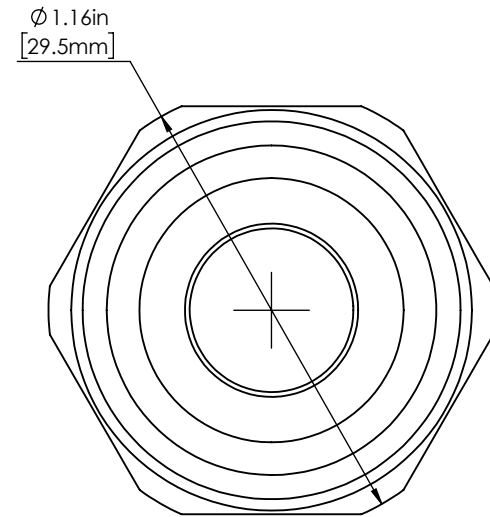
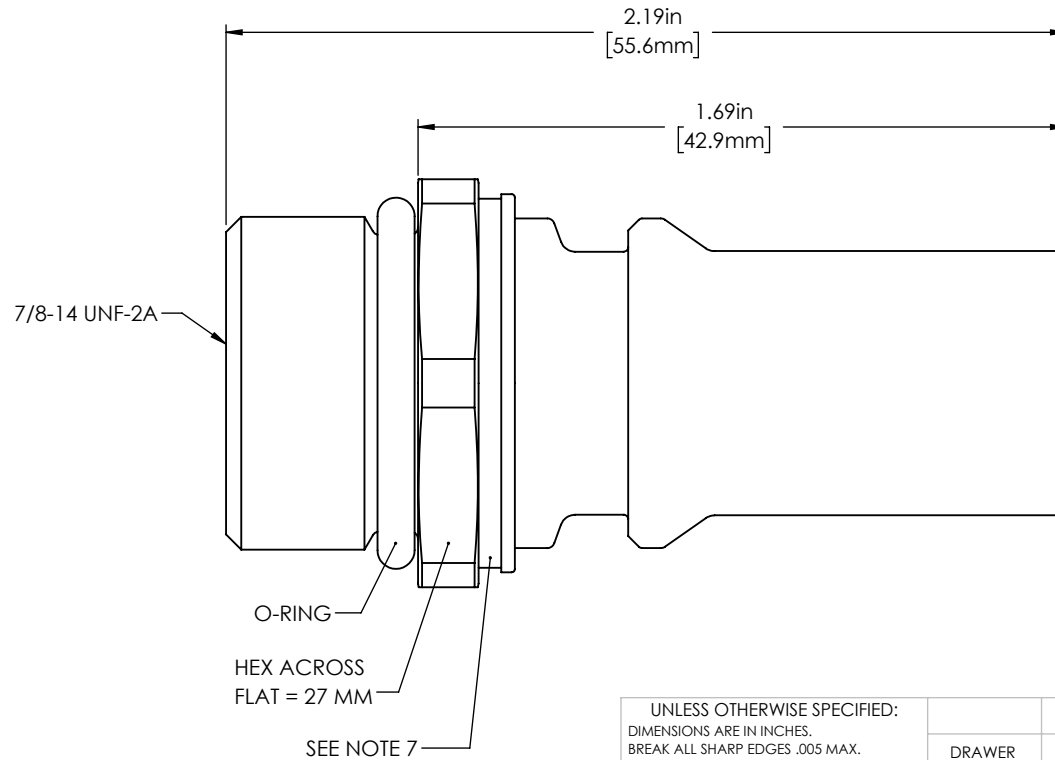
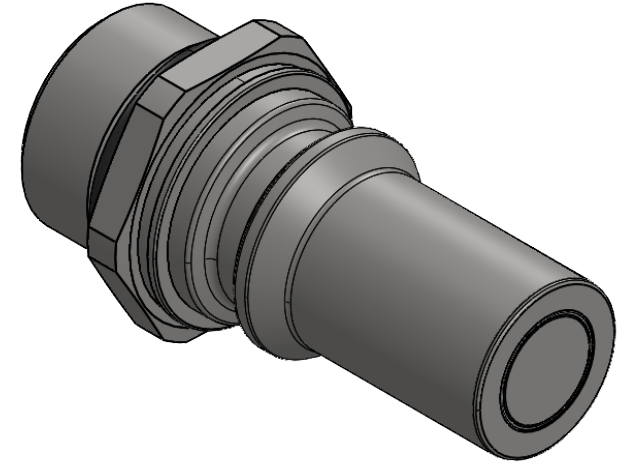


NOTES:

1. METAL IS UNS S31603/AISI 316L PER ASTM A276.
2. O-RING MATERIAL IS EPDM.
3. MAXIMUM WORKING PRESSURE = 20 BAR (290 PSI).
4. BURST PRESSURE RATING = 80 BAR (1160 PSI).
5. TEMPERATURE RATING = -40°C TO 120°C (-40°F TO 248°F).
6. TORQUE THREAD TO 35 N-M (310 IN-LB).
7. A BLUE OR RED RING IS LOCATED HERE.
8. FORCE TO CONNECT UNDER NO PRESSURE = 70 N (15.7 LBF).
9. MAXIMUM FLOW RATE = 84 LPM (22.2 GPM).
10. FLOW COEFFICIENT = 5.15.
11. MAXIMUM FLUID LOSS = <0.025 ML (0.39 DROP).



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES.
 BREAK ALL SHARP EDGES .005 MAX.
 TOLERANCES:
 ANGULAR: ±0.5°
 TWO PLACE DECIMAL: ±0.010"
 THREE PLACE DECIMAL: ±0.005"
 DIAMETERS: 0.006" TIR ABOUT Q
 MAXIMUM SURFACE ROUGHNESS: Ra 90 µin

MATERIAL
 SEE NOTES 1 AND 2

HEAT TREATMENT
 N/A

SURFACE FINISH
 N/A

	NAME	DATE
DRAWER	TONY HEPP	6-16-2026
ENG APPR.	TONY HEPP	6-16-2026
MFG APPR.	MIKE RUSSELL	6-17-2026



2324 W. Battlefield Rd. Springfield, MO 65807

TITLE:
 UNIVERSAL QUICK DISCONNECT
 COUPLER, BODY SIZE 08 / 1/2", MALE
 PLUG, MALE ORB 7/8-14 UNF

SIZE A	DWG. NO. UQD08M-SM70U	REV A
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THEORETICAL WEIGHT 3.08 OZ	SCALE:	SHEET 1 OF 1
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