

<b>TANK TYPE</b> Diaphragm	<b>MOUNT</b> Lugs (2)	<b>LOCATION</b> Girth
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This is a 19-inch spherical pressure vessel constructed of 6Al-4V titanium. Positive fuel expulsion is provided by a reversible ethylene-propylene terpolymer (AF-E-332) rubber diaphragm retained (welded in) at the sphere mid-plane. Mounting is accomplished by two (2) lugs parallel with and adjacent to the sphere mid-plane.

**Part Number 80460-1**  
**SIZE: 19.06 -inch ID Sphere**  
**SIZE: 484 -mm ID Sphere**

**ISO 9001 & AS 9100 REGISTERED**

<b>APPLICABLE DOCUMENTS</b>	<b>TANK CHARACTERISTICS</b>	<b>ACCEPTANCE TESTS</b>																																		
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Notes:  
1: Tube protector is SK 1476

<b>FORGINGS</b>		
<b>FORGINGS P/N</b>	<b>SUPPLIER</b>	<b>Die</b>
80-182061-1 (2)		

<b>QUALIFICATION TESTS</b>
Qual was performed on 80274-1.

<b>Ring Size, (Rough Machined)</b>		
<b>Ring Forging</b>		<b>SIZE</b>
80-274065-1, Retainer	19.03 + .12 OD x 17.55 -.12 ID x 1.5 + .12 Lg	
80-274063-1, Lug	21.25 + .06 OD x 19.31 -.06 ID x .85 + .06 Lg	

<b>VACUUM RATED</b>
YES

<b>TUBE TYPE AND SIZE</b>	
<b>TITANIUM</b>	<b>SIZE</b>
80-461001-3 (2)	.250 OD x .020 Wall

<b>TUBE TYPE AND SIZE (Metrics)</b>	
<b>TITANIUM</b>	<b>SIZE</b>
80-461001-3 (2)	6.35 x .5 MM Wall

