

View Online at <https://aerobasegroup.com/nsn/4720-01-462-1844>

**Cross Sectional Shape:**

Round

**Inside Diameter:**

1.000 inches

**Temperature Rating:**

-40.0 degrees fahrenheit single response and 250.0 degrees fahrenheit single response

**Flange Thickness:**

0.295 inches 1st end

**Outside Diameter:**

1.542 inches

**Minimum Inside Bending Radius:**

12.000 inches

**Angle Between Rigid Elbow Fittings In Deg:**

90.0

**Hose Or Tubing Specification/std Data:**

Sae100r12 standard (includes industry or association standards, individual manufactureer standards, etc.).

**First End Fitting Specification/std Data:**

Sae j518 standard (includes industry or association standards, individual manufactureer standards, etc.).

**Center To Center Distance Between Bolt Holes Along Width:**

1.093 inches 1st end

**Center To Center Distance Between Bolt Holes Along Length:**

2.312 inches 1st end

**Bolt Hole Quantity:**

4 1st end

**Flange Length:**

3.190 inches 1st end

**End Application:**

M1 abrahms launcher and portable bridge

**Flange Width:**

2.750 inches 1st end

**Connection Style:**

Plain swivel w/ gasket groove 1st end

**Bolt Hole Diameter:**

0.469 inches 1st end

**End Flange Construction:**

Split 1st end

**End Connection Design:**

Elbow 1st end

**End Fitting Component And Material:**

Complete fitting steel all ends

**Fitting Component And Surface Treatment:**

Complete fitting cadmium 1st end

**Connection Type:**

Plain face flange 1st end

**Second End Relationship With First End:**

Identical

**Burst Test Pressure:**

16000.0 pounds per square inch

**First End Swivel Action Capability:**

Included

**Layer Composition And Location:**

1st layer spirally laid corrosion resistant steel wire err-100

**Maximum Operating Pressure:**

4000.0 pounds per square inch

**External Protection Type And Location (non-core):**

spring guard, round stainless steel coil

**Hydrostatic Test Pressure:**

8000.0 pounds per square inch

**Flow Angle:**

90.0 degrees 1st end

**Outer Covering Environmental Protection:**

Oil resistant

**Inside Surface Condition:**

Smooth

**Measuring Method And Length:**

37.750 inches working

**Flange Style:**

Double oval (sae split type flange) 1st end

**Special Features:**

External protection type and location- spring guard, round stainless steel coil , inner conveying tube material-rubber, synthetic

**Media For Which Designed:**

Hydraulic fluid single response

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A542a0