

View Online at <https://aerobasegroup.com/nsn/4820-01-056-5503>

**Thread Class:**

2b all ends

**Thread Direction:**

Right-hand all ends

**Offset Distance:**

0.630 inches

**Flow Control Device:**

Disk

**Bonnet Type:**

Inside screw

**Bonnet Attachment Method:**

Threaded

**Connection Style:**

High pressure flar (tube) all ends

**Valve Operation Method:**

Manual

**Connection Type:**

Threaded internal tube all ends

**Mounting Facility:**

Bracket

**Thready Qty Per Inch (tpi):**

16 all ends

**Maximum Operating Pressure:**

20000.0 pounds per square inch single response

**Thread Size:**

0.688 inches all ends

**Seat Angle:**

30.0 degrees all ends

**Criticality Code Justification:**

Zzzy

**Outside Diameter Tube Accommodated:**

0.562 inches all ends

**Special Features:**

For navy nuclear propulsion plant only

**Material:**

Steel comp 316 stem

**Material Specification:**

Qq0s0763, class 316 federal specification single material response stem

**Style Designator:**

Err-090

**Thread Series Designator:**

Un all ends

**Furnished Items And Quantity:**

2 nut

**Reference Number Differentiating Characteristics:**

As differentiated by free from mercury contamination

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A046b0