



O-Ring to be 1/2" OD,
3/32 cross section.

Viton is preferred, but
Buna-N will work fine

Make pump ram from free machining
stainless steel. Finish all over, must have
no burrs. Should be a light slip fit in pump
body.

ID of o-ring groove must provide for a
0.002-0.003" crush / side of o-ring

This design is provided to the
live steam community by
W. C. Shields free of charge
and is not to be modified
or sold for profit.

DRAWN		W. C. Shields		TITLE: Pump Ram		
COMMENTS:						
MATERIAL		See Note		SIZE	DWG. NO.	REV
QUANTITY		1		A	6	
DO NOT SCALE DRAWING						SHEET 1 OF 1