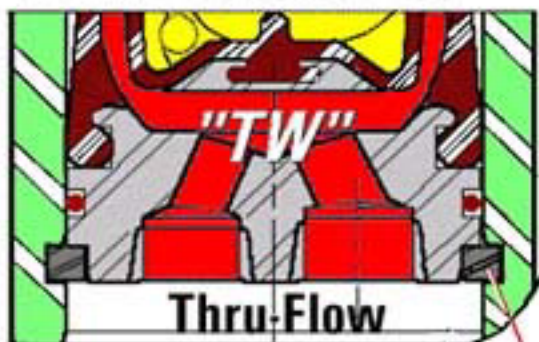


PipeHugger High Pressure and Super Pressure

Standard Thru-Flow Base Blocks. Under license from M. Packer since 1963



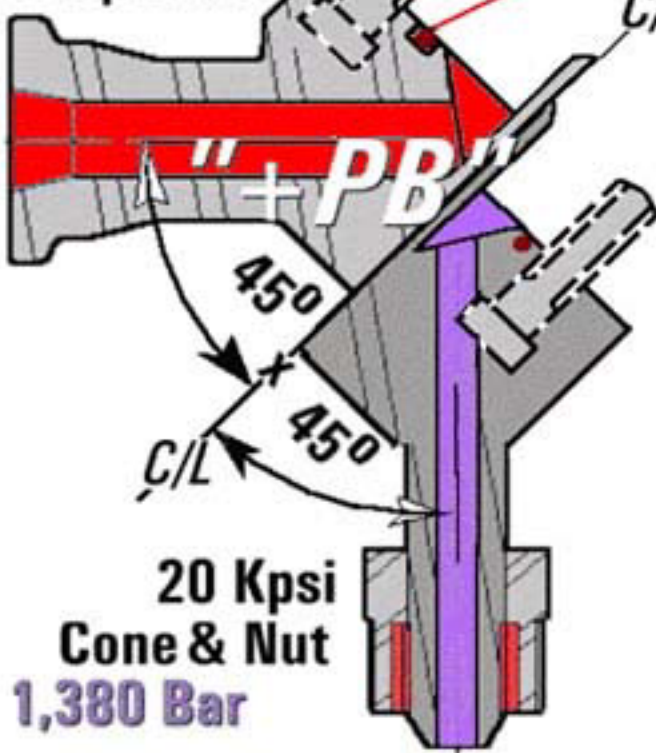
Direct Threaded



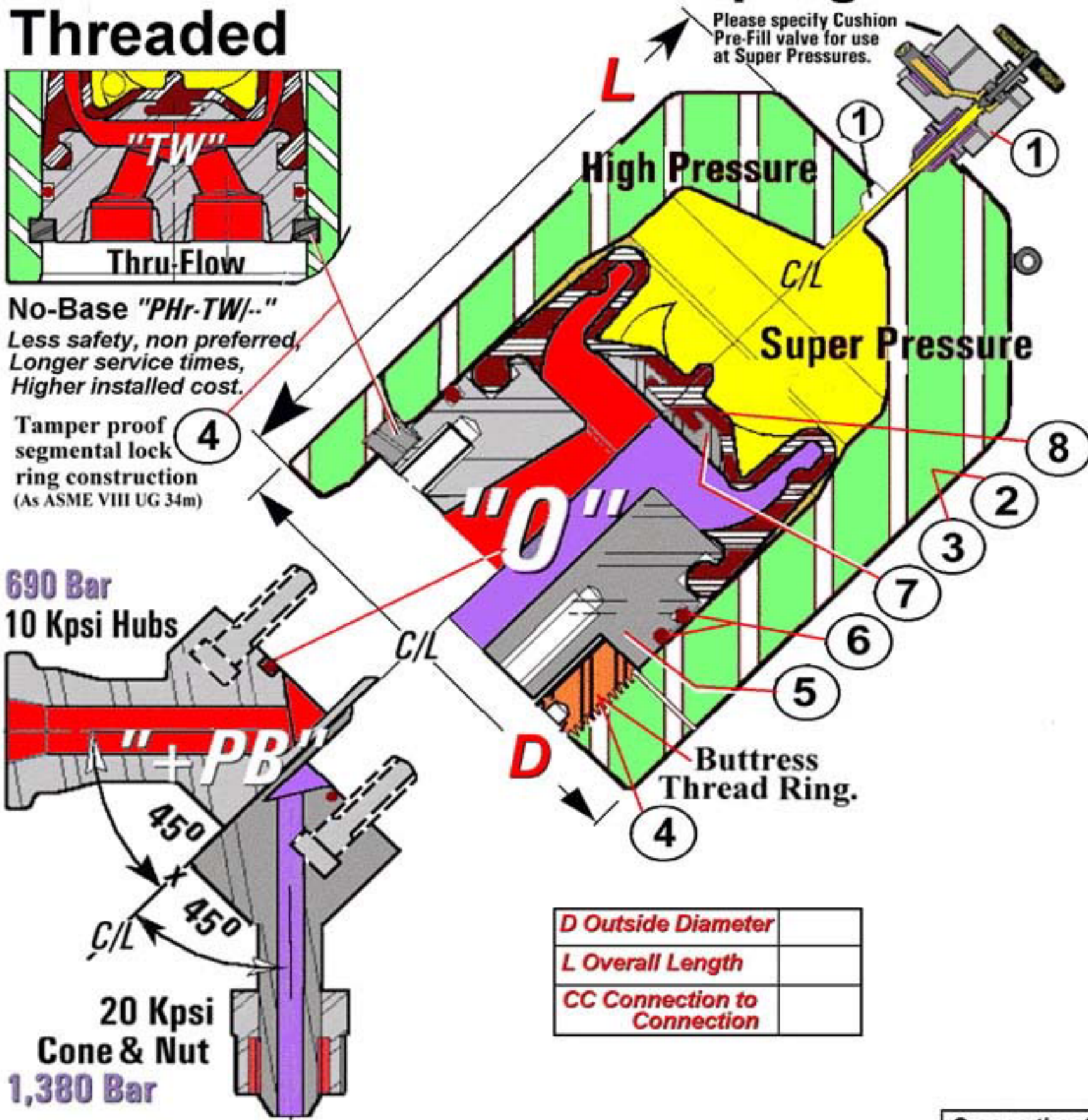
No-Base "PHr-TW/.." Less safety, non preferred, Longer service times, Higher installed cost.

Tamper proof segmental lock ring construction (As ASME VIII UG 34m)

690 Bar
10 Kpsi Hubs

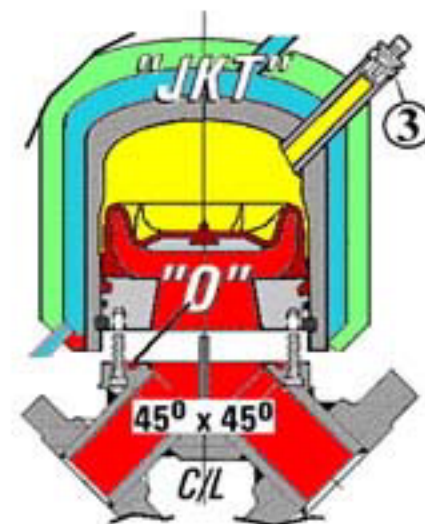


With Piping Bases

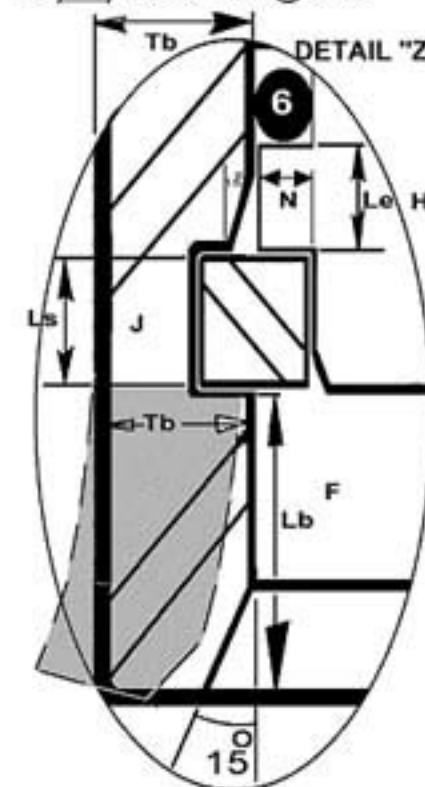


D	Outside Diameter	
L	Overall Length	
CC	Connection to Connection	

Hot or Cold Jacket



Rule of thumb for failure Control:- Where T=wall thickness
 F, distance in to groove = 1.4T
 J, groove width = 0.8T
 N, groove depth = 0.45T
 Ensures safe depressurization by the vomit of seal 6 down the adjacent seal lead in chamfer 15° when the mouth spreads to to dotted line @ 6Pd.



Connection Specification	
ANSI B16.5 DN-PN	
CUSTOMER:	
CUSTOMER REF.:	
QUANTITY:	
W/O No.:	
W: Procedure Nbr.	
WEIGHT (EST.):	
ISSUED BY:	
CHECKED BY:	
(DAY/MONTH/YEAR)	
ISSUE DATE: 10 Jly 1979	
FILE REF: E:\VWSHEETS\MRP-PHr.bmp	
SCALE: NTS	ALL DIMENSIONS ARE IN MM EXCEPT AS STATED.
SHEET: 1 OF 1	REV. 0

Item	Part No.	Description	Material	I.D. #
1		By User - N2 Prefill		
2		Cap-Gas	From Solid Billet	
3		Body (Shell)		
4		Segmental Lock Ring OR Buttress Thread Ring	from 106 Smls Pipe	
5		End-closure	Duplex, Super Duplex SS	
6		Dual Seals	90° Shore A	
7		Anti-Extrusion Plate		"Non Pressure Retaining component"
8		Liquid Bladder + Webs		"Non Pressure Retaining component"

PULSEGUARD Ltd. & Inc.
 Guard Against Pulsation Licensed M. Packer 1963

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in association with ShockGuard Ltd & Liquid Dynamics International Ltd

PIPE LINE SURGE PROTECTION ANALYTICS DIAGNOSTICS SOFTWARE

TITLE
APPLICATION