

# Pulsation Damper Elastomer Lined, Bladder Type Minimum Tantalum, Zirconium, Gold !! etc.

Damper Part Nbr Series

**Peg/Lnd/ ---i/---p/"O" & PB/Plas/TW+Flgs.**

**PIPEHUGGER LP**

Pressure disturbance interceptor Damper for liquids that are not metal compatible, but are with elastomer & plastic.



**NITROGEN**

Only use air when there are no hydrocarbons that could cause a diesel explosion

**LIQUID**

Liquids that are highly corrosive of metals

**ELASTOMER**

Fluoro Carbon, Hypalon, EPDM, Nitrile, Silicon R.

**STEEL**

SA 106 Gr. B  
SA 516 Gr. 60

**STAINLESS**

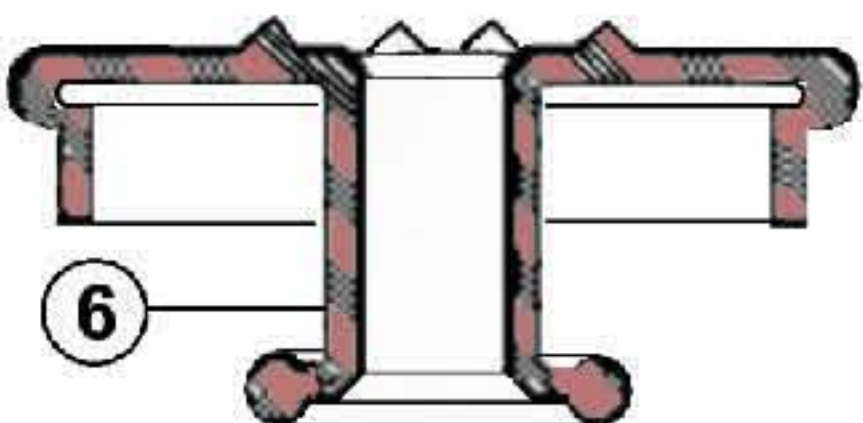
316L grade  
(No titanium "kill")

**SMALL AMOUNT FANCY Material**

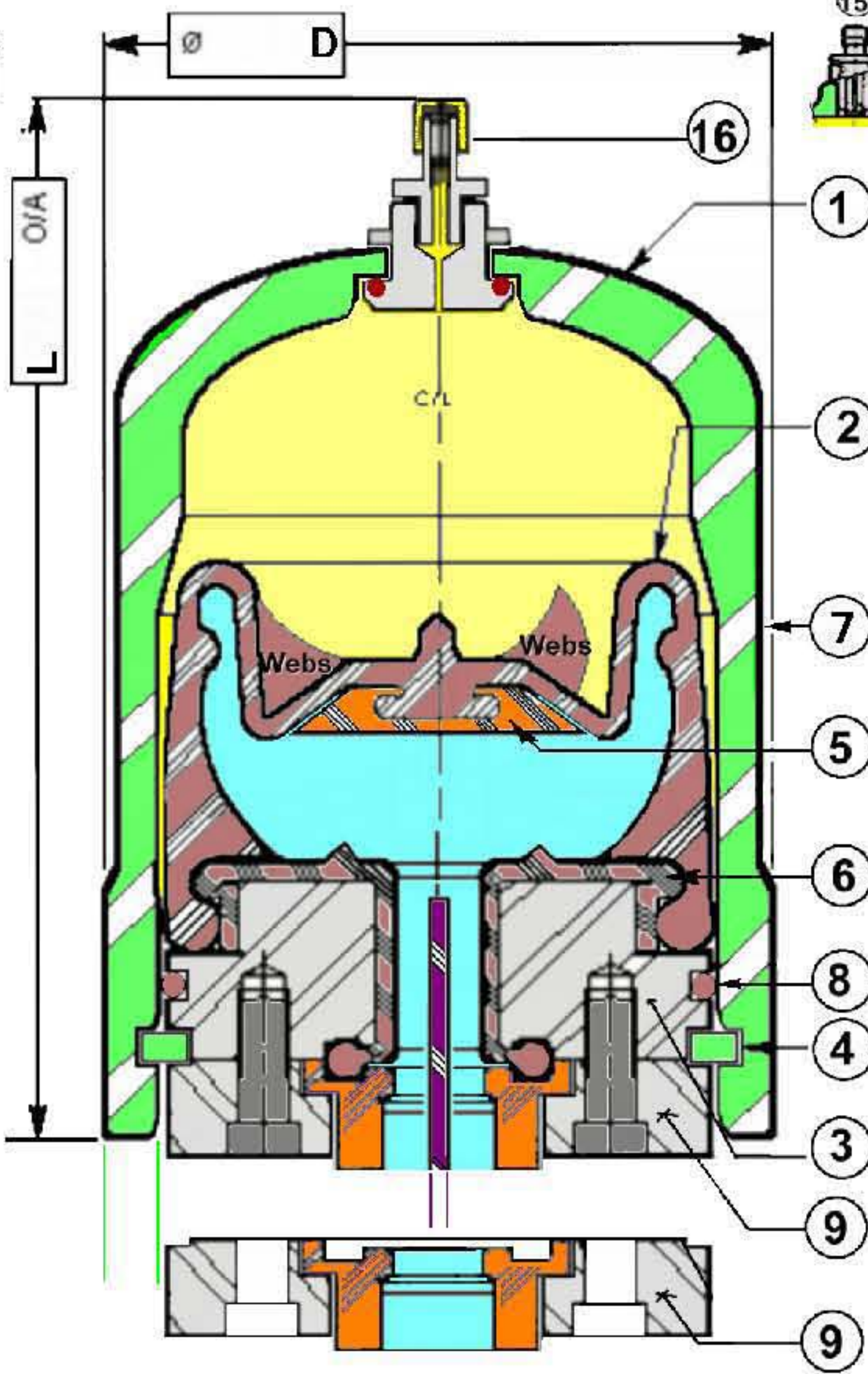
Ex/Eg :- Zirconium, Tantalum, Gold

**Plastics**

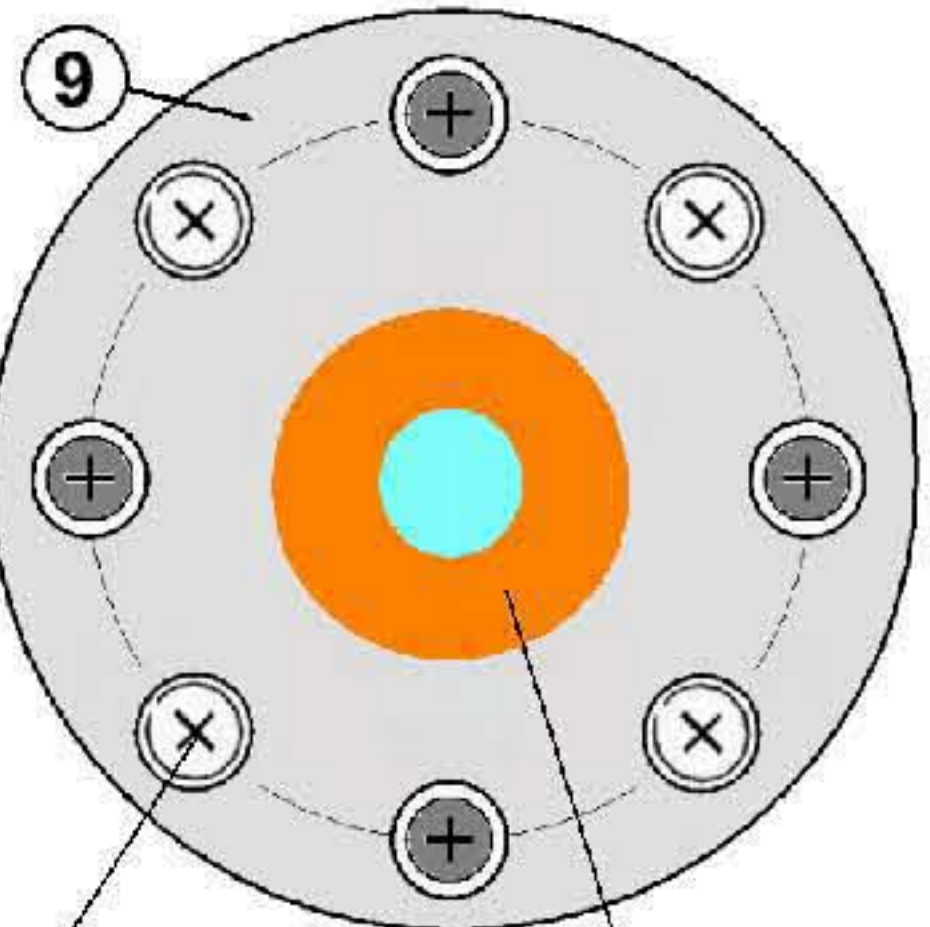
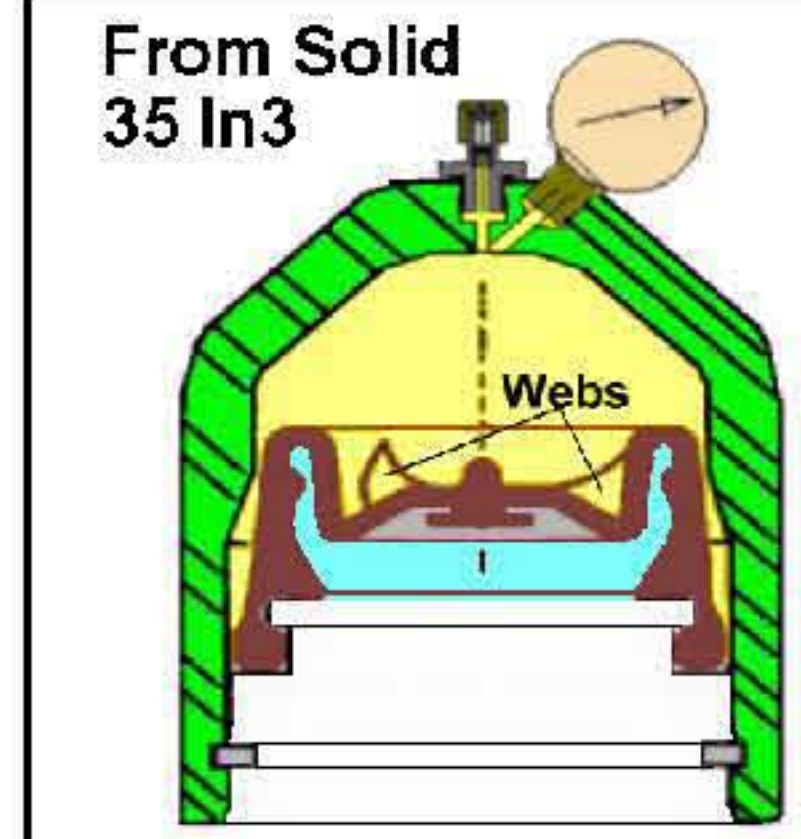
PVC, Poly Prop., Glass filled PTFE, PVDF etc



Replaceable elastomer Liner



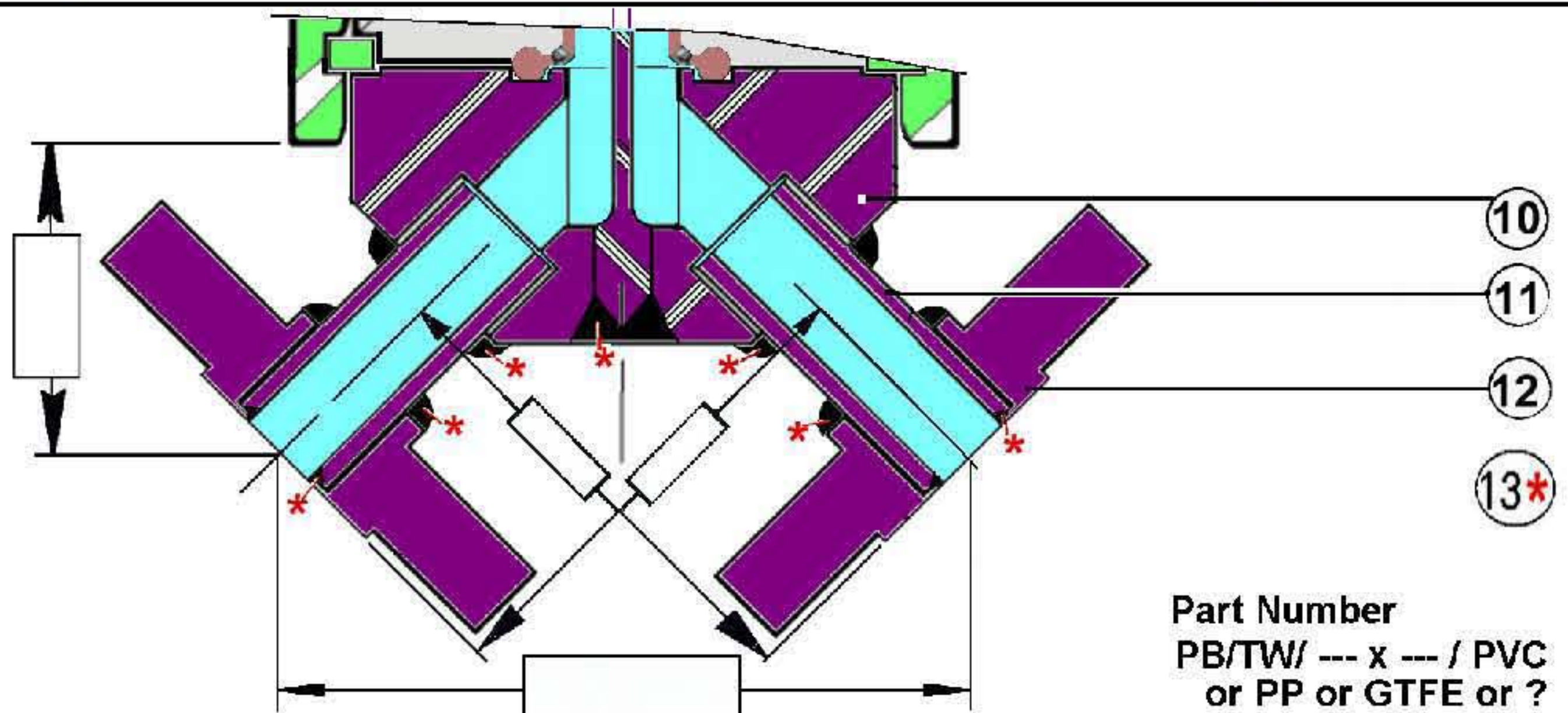
Standard, Pt Nbr. 15171 304ss Pre-Fill valve, screwed directly into a boss on item 1 cushion housing where "Fail Safe" option is prohibited by CE regulations.



Raised Face per ANSI B16.5, and Stud Bolt Holes.

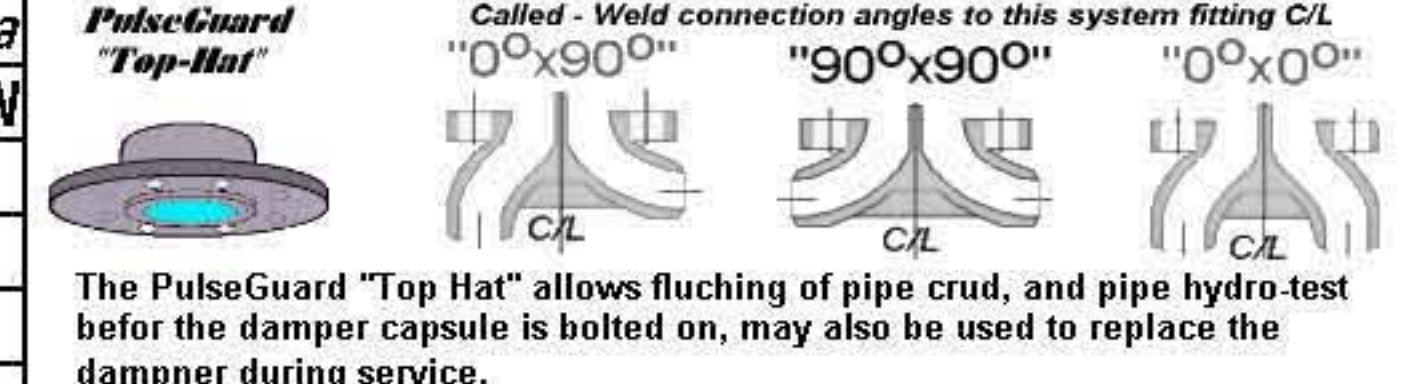
**OPTIONAL, PIPING BASE BLOCK, for:**

**Pulse Filtration Interception -- And -- Improved in place Flushability.**  
Maintains system integrity during service.  
With additional Flanges In Stead of system "T".



Item	Pt #	DESCRIPTION	Mtrl.	Ht./Cast/PO #	CUSTOMER
1		2:1 Semi-Elipsooidal head	516-70		CUSTOMER Ref.
2		Elastomer Bladder, rolling (liquid inside)			3 Rd. Party QA \$s Extra
3		Base Plug	316L		DOCUMENTATION LEVEL \$s Extra
4		Segmental Lock Ring from Pipe or Roll Ring			WELDING, W Nbr. 100% GTAW
5		Anti-Extrusion Plate (special metal - Tantalum - Zirconium etc.)			SHOP / JOB Nbr.
6		Elastomer Liner for base Plug, same material as Bladder.			WEIGHT Est.
7		Body from DOM Tube	A53		ISSUED By <i>TR</i> Date: / /
8		Diametral "O" Ring Seal			CHECKED By Date: / /
9		Special Materials Retaining Plate - Tapped in Flange stud platern			FILE NAME
10		PIPING BASE BLOCK PLASTIC			SCALE NOT TO SCALE
11		PLASTIC PIPE PVC, POLY PROPYLENE etc.			REVISION Nbr. Date: / /
12		PER CUSTOMER SPEC.			DIMENSIONS: mm, Unless Otherwise Stated
13		Welds if Poly Propylene			Sheet 1 of 1
14					
15		Pt Nbr. 15171 304ss PREFILL VLV. IN WELDED BOSS			L OAL mm
16		9D19c type, PREFILL VLV, IN FAIL SAFE PIECE	304ss		D OD mm

**PulseGuard "Y-T" Block Connection Options**  
Provides an "O" ring and bolts interface between a pipe system and the dampner capsule, ensures flo-thru pressure wave interception, in place flushability, saves flange and "T", 37.5° butt weld to system.



The PulseGuard "Top Hat" allows flushing of pipe crud, and pipe hydro-test before the dampner capsule is bolted on, may also be used to replace the dampner during service.

**PulseGuard** <http://www.PulseGuard.com>  
**PulseGuard für Deutschland** <http://www.PulseGuard.co.uk>  
**PulseGuard, de langue Francaise** [www.pulsationdaempfer.com](http://www.pulsationdaempfer.com)  
**PulseGuard, en Espanol / sud Amerique** [amortiguador-de-pulsaciones.com](http://www.amortiguador-de-pulsaciones.com)  
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VIEW NUMBER

