

# 870 Series Impulse Dampeners



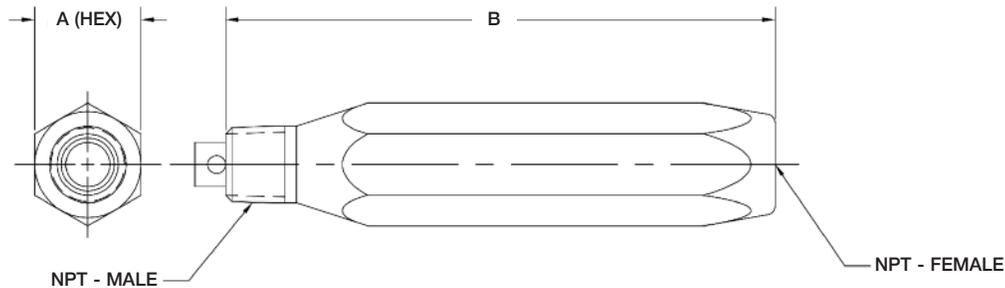
**870 Series** Pressure Impulse Dampeners are designed to improve readability and prevent wear on delicate gauge mechanisms by slowing rapid pressure changes and reducing shock and chattering. An impulse dampener should be installed on a gauge in any application where pressure spikes and/or pulsations may be present. Trerice Impulse Dampeners are engineered for field serviceability (cleaning and parts replacement) and are constructed from brass or stainless steel for use on a variety of pressure media.

## 870 Series Impulse Dampeners

Item No.	Body & Insert Material	Connection Size (NPT)	Maximum Pressure (psig)	Service	Approximate Shipping Weight
<b>870-1</b>	Brass*	1/4	1000	Air, water, steam and gases	0.5 lbs [0.23 kg]
<b>870-2</b>	Brass*	1/4	1000	Gasoline and light oils	0.5 lbs [0.23 kg]
<b>870-3</b>	Brass*	1/4	1000	Lubricating and heavy oils	0.5 lbs [0.23 kg]
<b>870-7</b>	303SS	1/4	5000	Includes 3 pistons for various viscosities	0.5 lbs [0.23 kg]
<b>870-10</b>	303SS	1/2	10,000	Includes 3 pistons for various viscosities	0.8 lbs [0.36 kg]
<b>870-13</b>	316SS	1/4	5000	Includes 3 pistons for various viscosities	0.5 lbs [0.23 kg]
<b>870-16</b>	316SS	1/2	10,000	Includes 3 pistons for various viscosities	0.8 lbs [0.36 kg]

\* Add (PBF) to the end of part number to specify Lead-Free brass.

All dimensions are nominal. Dimensions in [ ] are in millimeters.



Part No.	A	B	NPT
<b>870-1</b>			
<b>870-2</b>	0.75 [19]	3.88 [99]	1/4 - 18
<b>870-3</b>			
<b>870-7</b>	0.75 [19]	3.46 [88]	1/4 - 18
<b>870-10</b>	1.13 [29]	3.61 [92]	1/2 - 14
<b>870-13</b>	0.75 [19]	3.46 [88]	1/4 - 18
<b>870-16</b>	1.13 [29]	3.61 [92]	1/2 - 14