



# Button Seal Process Adapter

*MODULAR SIMPLICITY TO  
PROCESS CONNECTION*



## Description

The Button Seal Process Adapter is a sensor accessory that allows for the installation of a 1/2-20 UNF (Unified National Fine thread) melt pressure sensor into a button seal style process mounting port. The sensor can be supplied by Dynisco or any other manufacturer.

Each Button Seal Process Adapter is made to order depending on the provided process mounting port sizing. Flange attachments are available as one piece solid construction, threaded, or threaded & welded. Flange design is application specific and dependent on the process sizing needs of diameter, thickness, bolt-hole diameter, mounting bolt pattern. Pricing and production time is also application dependent. Material of construction of the adaptor body and flange is standard 17-4 Stainless Steel (17-4 PH SST), UNS S17400, options are available. The external gasket seal is pressure dependant and can be 303 Stainless Steel, Parkerized Carbon Steel, Aluminum 6061, Hastelloy, or other material.

## Features

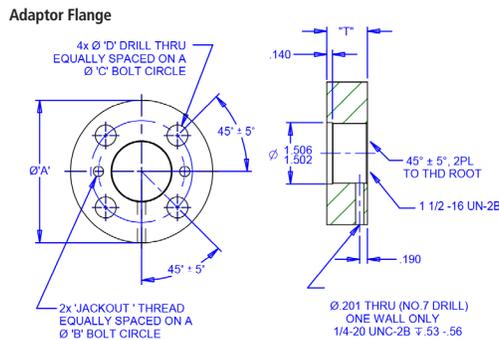
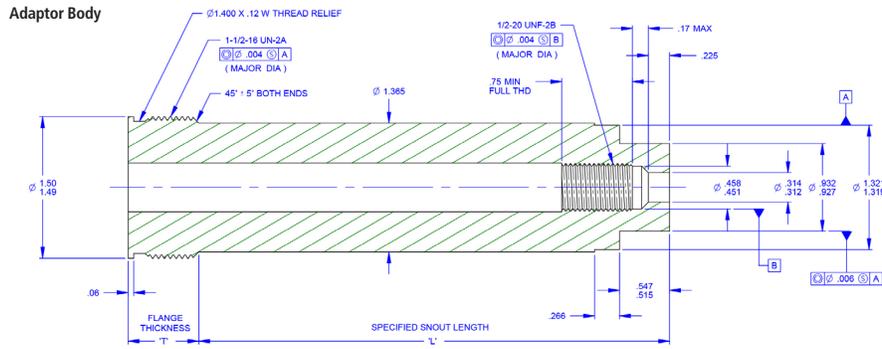
- Adapts any 1/2-20 UNF pressure sensor to a button seal mounting port
- Accommodates applicable sensors from Dynisco or other suppliers
- Flange attachment available in one piece, threaded, or threaded & welded
- Made to order

Performance Characteristics	
Pressure range:	Sensor dependent (min) to 10,000psi (max)
Temperature range:	Sensor dependent
Mechanical & Packaging	
Materials of Construction	
Adaptor body & flange:	17-4 Stainless Steel
Gasket (seal):	Pressure dependant
Approvals & Certifications	
ISO:	ISO 9001: 2008 production environment
Compatible with approved sensors:	Yes

## Ordering Guide for Button Seal Process Adapter

The Button Seal Process Adapter is application dependent. Adaptors are made to order depending on the interface sizing. The part number will be determined after an engineering review of application specifications.

## Dimensions



### Adaptor Gaskets

Adaptor Gaskets	
Pressure Range	P/N
0 - 3 M	494602 Aluminum .125 Thick
	450607 Aluminum .090 Thick
	634001 Parkerized Carbon Steel
0 - 10 M	634002 Hastelloy
	634004 303 SST

All dimensions are inches (mm) unless otherwise specified.  
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 DSBUTTONSEAL  
 Rev: 0717



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