## **ACCESSORIES & HARDWARE**

#### SHROUDS, PANEL SEALS & MOUNTING HARDWARE

### **Shrouds**

Shrouds are added to pushbutton switches to guard against inadvertent actuation. The actuating device must be inserted into the shroud in order to actuate the switch. We have an assortment from which to choose shown here. We are also able to design and fabricate a shape to meet your specifications and application needs.



#### Material: **-**.375-Ø.875 -. 538--. 445<del>--</del> .062-R.031 Ø 750 Aluminum alloy, machined .040to specification. Ø.062 THRU ONE SIDE ONL Finish: R.020 .015 Black anodized. For other color Ø.75 UNS 2B THRU .020 -Ø. 875±.015 options, contact factory. R. 031 2 PLACES R.020 2 PLACES OTTO P/N C300793 OTTO P/N C300428 (Ø.875) ⊢(.538)**⊸** (Ø1.406) (1.000) (Ø.875) (.624)(Ø .688) -(.500) (.937)(Ø .626) .312) (.812 ACROSS FLATS) -5/8-24UNEF-2B **-(.020)** (Ø.75) (.281) (.032) OTTO P/N C300302 OTTO P/N C300871 OTTO P/N C300426

#### **Panel Seals** Stainless steel cup washer with silicone rubber seal assures proper watertight panel seal. Mounts behind panel. Approved to MIL-DTL-5423/16. Designed for sealing 15/32" bushing with keyway. OTTO P/N: 710196 MIL P/N: M5423/16-01 CUP WASHER CRES TYPE 202 OR 302 0.062 RAISED LETTERS 0.015 HIGH MAX Ø:677 Thickness of bushing seal is reduced to 0.080" when mounted to panel. ILICON RUBBER TO 55 DUROMETER O-Rings (Buna) Gaskets OTTO P/N OTTO P/N I.D. I.D. 0.250" 700117 802568-010 0.250" 700110 0.469" 802568-015 0.500" 700109 0.625" 802568-016 0.625"

Mounting Hardware		
MILITARY P/N	OTTO P/N	BUSHING SIZE
KEYWAY WASHERS		(IIIOIIOO)
MS25081-C0	710081-C0	0.250"
MS25081-C4	710081-C4	0.469"
MS25081-C6	710081-C6	0.625"
INTERNAL TOOTH LOCKW	ASHERS	
MS35333-135	710333-135	0.250"
MS35333-136	710333-136	0.469"
HEX NUTS—STANDARD		
MS25082-C14	710082-C14	0.250-40
MS25082-C21	710082-C21	0.469-32
MS25082-B11	710082-B11	0.625-24
HEX NUTS—WIRE LOCKIN	IG	
MS21340-04	710340-04	0.469-32
MS21340-05	710340-05	0.625-24

**HARDWARE** 

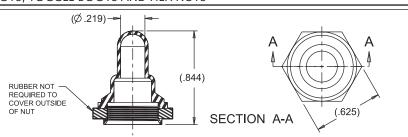
# CCESSORIES & HARDWARE

#### SWITCH BOOTS, TOGGLE BOOTS AND HEX NUTS

#### P/N 740191

T9 Toggle Boot with 15/32" Thread

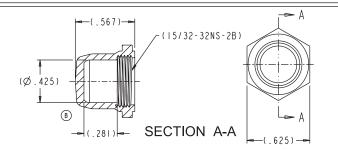
Boot: Black Silicone Rubber Nut: Brass, Nickel Plated



#### P/N 740144

P4-4 Switch Boot with Threaded Insert

Boot: Black Silicone Rubber Insert: Brass, Nickel Plated



#### .63 **P3-6 Pushbutton Boots** PANEL SEAL P/N 700179 POSITIVE STOP MIL-DTL-5423/7 Ø.525±.015 Type B, Style 2, Size 4 5/8-24 UNFF-2B Material: Silicone PERMISSIBLE RUBBER OVERLAY .005 MAX Rubber

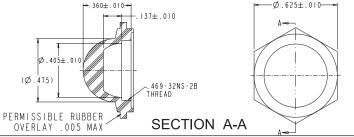
-609±.015→ P/N 701170 .281±.015 POSITIVE STOP Ø.516±.015 5/8-24 UNEF-2B **THREAD** Material: Grav PANEL SEALING Silicone Rubber PERMISSIBLE RUBBER OVERLAY .005 MAX. 700179-2S = Black, 700179-4S = Yellow, 700179-8S = Gray Thread: 5/8"-24

### P/N 701211

P7-6 Pushbutton Boot Hex Nut

Material: Black Neoprene

Thread: 15/32"

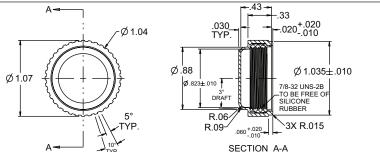


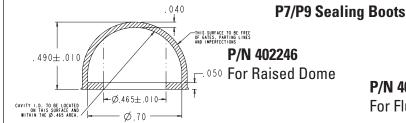
#### P/N 913786

**Boot with Hard Stop Feature** for Custom P3's and P8's that have Switch Buttons less than .78" Diameter

**Boot: Silicone Rubber** 

Insert: Clear Anodized Aluminum Threaded





.380 P/N 402339 -Ø.465±.010− For Flush Dome  $\emptyset.70$