

# Penn State Industries Bushing Book

## HOW TO USE THIS DOCUMENT

Welcome to the Bushing Book from Penn State Industries. This document covers bushings, trimming sleeves and chucks that are used to turn and size your project. The bushings are listed in the Table of Contents and the corresponding page matches the page number of the PDF document page. The document is broken up into three sections. The first section has specification sheets for each bushing. The last two sections are Appendices. The List by Kit appendix is a listing of each series of kit and the bushing used for that kit. The second appendix lists each bushing and all kits that use that bushing.

The specification sheets consist of a simplified drawing of the item with each section marked off for length and diameter. The type of product is listed on each page. The drawing is representative and is made to relative scale, not exact scale. Each part (e.g. tip, center) and each section is named to help distinguish what section of the kit the part is for. Some sets contain more than one of a particular part. Next to each part name is a number in parenthesis noting how many will come in the set. At the bottom of each page is a list of Kit Item Numbers for kits that use the bushing.

This document is searchable through several methods. It can be searched by the Bushing Item Number, or it can be searched by the Kit Series Number. This is the part of the kit item code that does not include the finish. For example the Bolt Action Series Number would be “PKCP80(XX)” the last 2 numbers of a Bolt Action Kit reference the finish of the kit and are not listed individually in this document for reasons of space. You can also search for “BOLT” which would take you to the appendix pages which will tell you which bushing is used by the Bolt Action Pens.

## FAQ SHEET

### **What is a Bushing?**

A bushing is used to support the turning projects from Penn State while mounted on the mandrel. When mounted, these bushings act as a size guide to help make sure that when the turned piece is combined with the kit hardware, the places where they meet will match.

### **What is a Barrel and what is an Extension?**

A Barrel means that that section is intended to mark the outside diameter that the turned piece must be cut to. This is the part that the kit hardware will be next to and this is the size intended to make sure the turned piece matches that hardware. The Extension is intended to fit inside the tube that is glued into the turning material. The Penn State mandrel systems all have a single mandrel rod size. The Extension acts as a bridge to fit on the rod and act as a support for larger tubes.

### **Why are some pieces are marked “upper” or “lower”?**

This is mostly on bushings that are intended to fit in between two turned portions of a single kit. This helps point out which section of the assembled kit these parts should be oriented towards. The upper side will generally be the one that points towards the top of the pen, and the bottom will generally refer to the side that the tip is on.

### **What is a Trimming Sleeve?**

The PSI Barrel Trimmer systems have a pilot shaft designed to help line up the trimming surface with the tube inside the turning material. The Sanding Disc systems have a 7mm pilot shaft meant to be aligned 90° to a sanding disc. The Barrel Trimmers have cutting heads mounted on pilot shafts. These shafts come in 4 basic sizes: 7mm, 8mm, 10mm, and 3/8”. Some tubes are larger than these sizes. The Barrel Trimming Sleeves are meant to be inserted in the tube and the internal hole in the sleeve guides the Trimmer Pilot Shaft helping to maintain the alignment between the trimmer and the tube.

### **What is an Internal Bushing?**

Internal bushings are meant to act like Extensions. Mostly used in closed end kits, they support the tube, but do not have exposed sections for sizing the outer barrel of the pen.

### **What is a Drill Chuck Mandrel?**

Drill chuck mandrels are for turning vanity projects, such as a Purse Hanger. They are mounted in a drill chuck and the material is attached to the faceplate with double sided tape. The faceplate is sized to act like a bushing so that the project can be turned to the correct dimension.

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**ID NUMBER BS11GSBU**

**TYPE: BUSHING**

**NOTES: TOP SIDE FITS INTO RECESS DRILL IN THE TOP OF BLANK**

**NUMBER OF PARTS 2**

**THRU HOLE STANDARD (0.248')**

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**BASE (1)**

**TOP (1)**

**BARREL**

**RECESS BUSHING**

0.620"

0.875"



**LENGTH**

0.377"

0.100"

**ASSOCIATED BS11GS(XX)**

**KITS:**

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**ID NUMBER BS12GABU**

**TYPE: BUSHING**

**NOTES:**

**NUMBER OF PARTS 2**

**THRU HOLE STANDARD (0.248")**

**PART NAME AND (QUANTITY)**

**SHORT BUSHING (1)**

**LONG BUSHING (1)**

**SECTION NAME**

**CYLINDER SIDE**

**BEADING SIDE**

**CYLINDER SIDE**

**TENON SIDE**

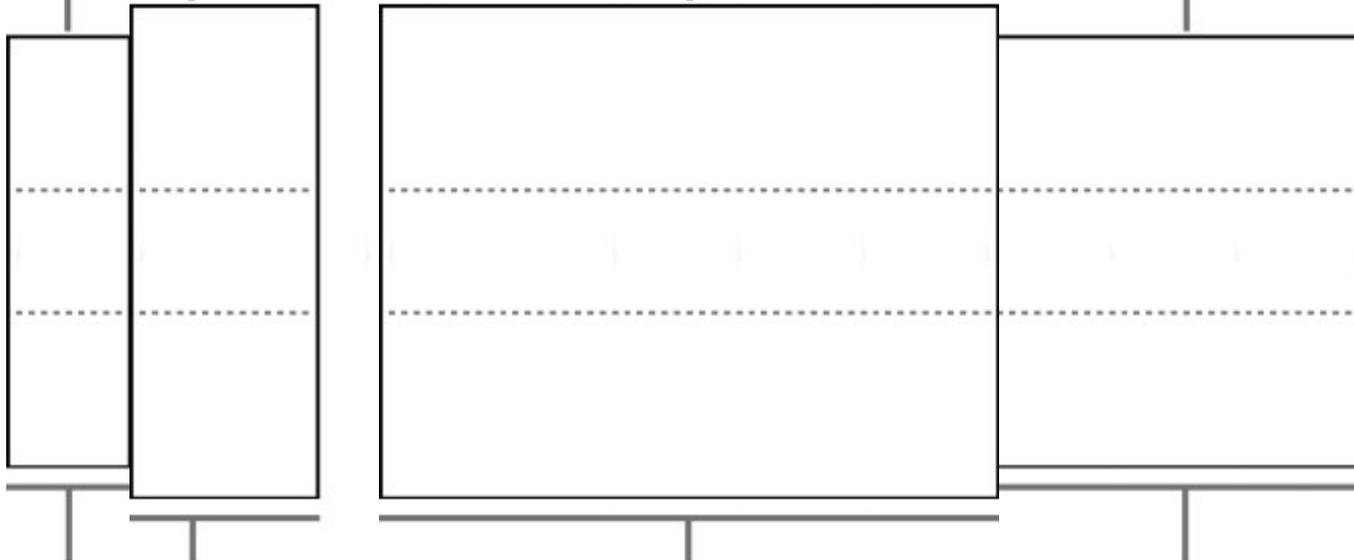
**DIAMETER**

0.780"

0.930"

0.802"

0.720"



**LENGTH**

0.250"

0.378"

1.000"

0.625"

**ASSOCIATED BS12GA(XX)**

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

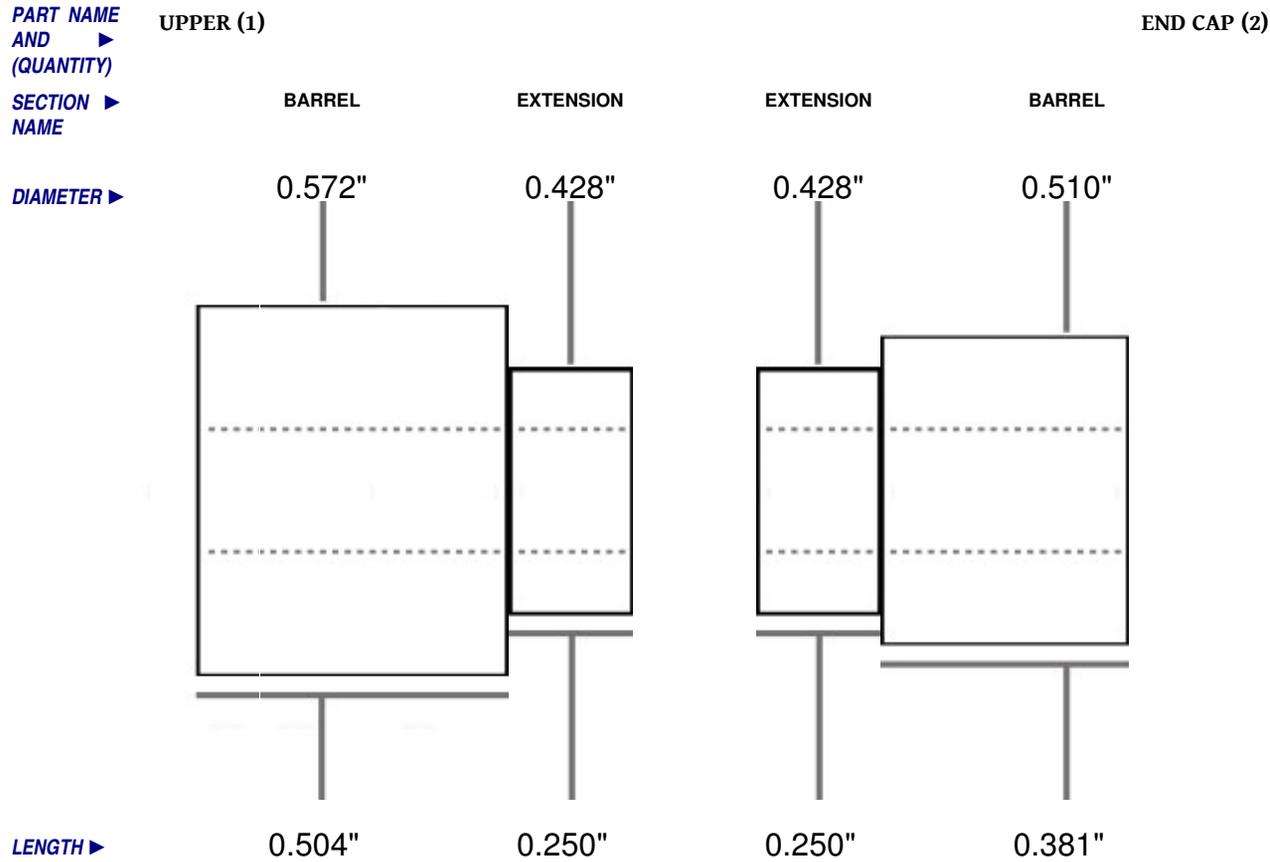
**ID NUMBER BS15BU**

**TYPE: BUSHING**

**NOTES:**

**NUMBER OF PARTS 2**

**THRU HOLE STANDARD (0.248")**



**ASSOCIATED BS15(XX)**

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

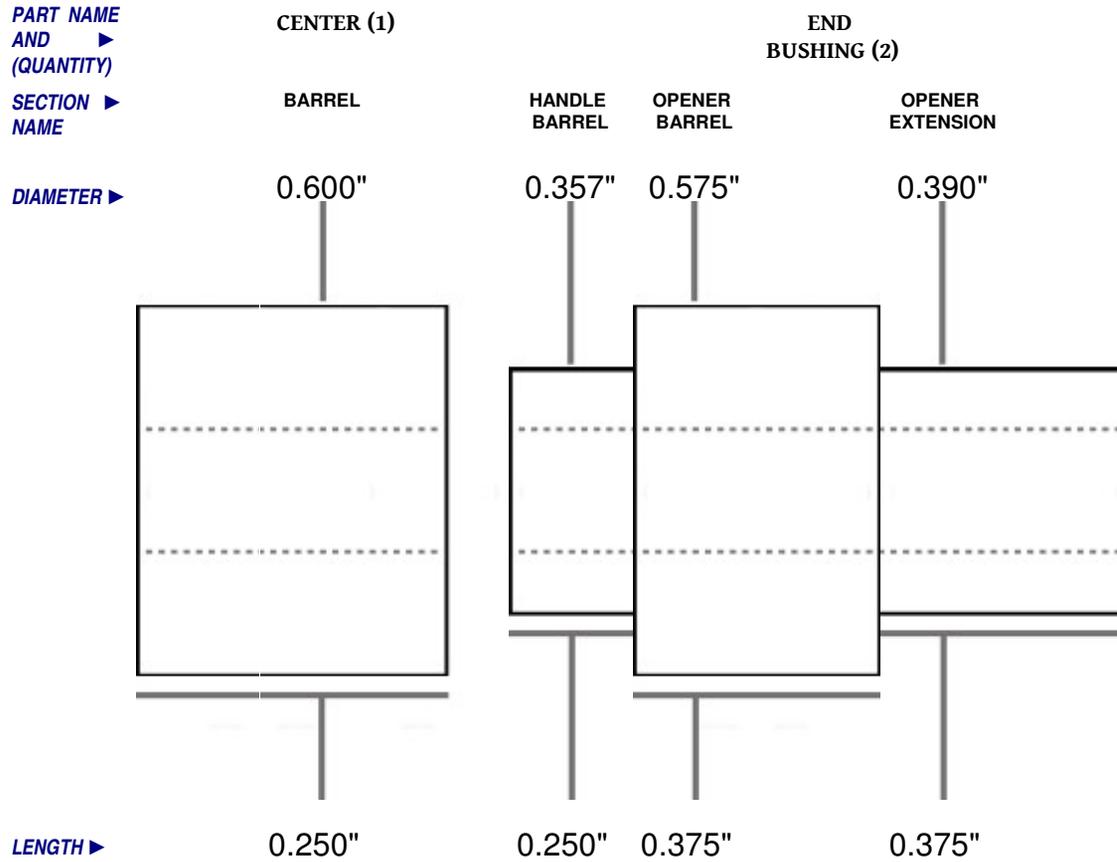
**ID NUMBER BS25XBU**

**TYPE: BUSHING**

**NOTES: END BUSHINGS ARE SAME MEASUREMENTS**

**NUMBER OF PARTS 3**

**THRU HOLE STANDARD (0.248")**



**ASSOCIATED BS25X(XX)**

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER BS6-BU**

**TYPE: BUSHING**

**NOTES: END BUSHINGS SAME DIMENSION**

**NUMBER OF PARTS 3**

**THRU HOLE STANDARD(0.248")**

**PART NAME  
AND ►  
(QUANTITY)**

**SECTION ►  
NAME**

**DIAMETER ►**

END (2)

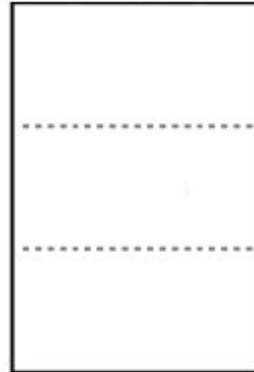
CENTER (1)

BARREL

BARREL

0.390"

0.600"



**LENGTH ►**

0.450"

0.400"

**ASSOCIATED BS6(XX), BS7(XX)**

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER BSLEDBU**

**TYPE: BUSHING**

**NOTES:**

**NUMBER OF PARTS 2**

**THRU HOLE STANDARD (0.248")**

**PART NAME AND (QUANTITY)**

**BUTTON END (1)**

**STOPPER END (1)**

**SECTION NAME**

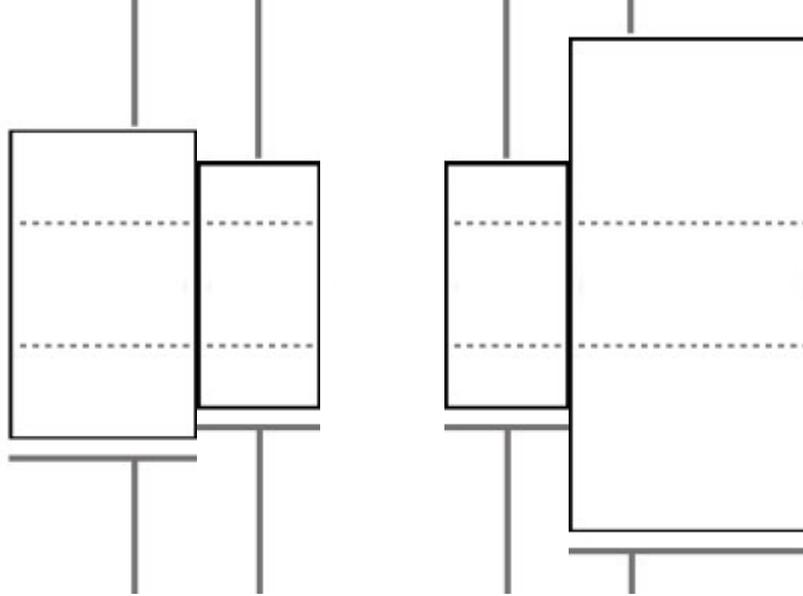
**BARREL EXTENSION**

**EXTENSION BARREL**

**DIAMETER**

0.500" 0.428"

0.428" 0.841"



**LENGTH**

0.375" 0.250"

0.250" 0.437"

**ASSOCIATED BSLED(XX)**

**KITS:**

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**ID NUMBER KSEG-M**

**TYPE: BUSHING**

**NOTES: BOTH BUSHINGS SAME DIMENSION**

**NUMBER OF PARTS 2**

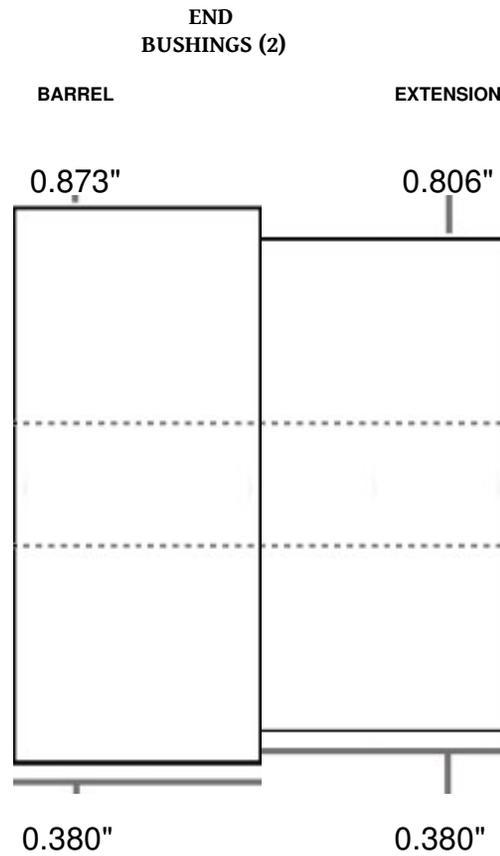
**THRU HOLE STANDARD(0.248")**

**PART NAME  
AND ►  
(QUANTITY)**

**SECTION ►  
NAME**

**DIAMETER ►**

**LENGTH ►**



**ASSOCIATED KSEG(XX), KSWAND(XX)**

**KITS:**

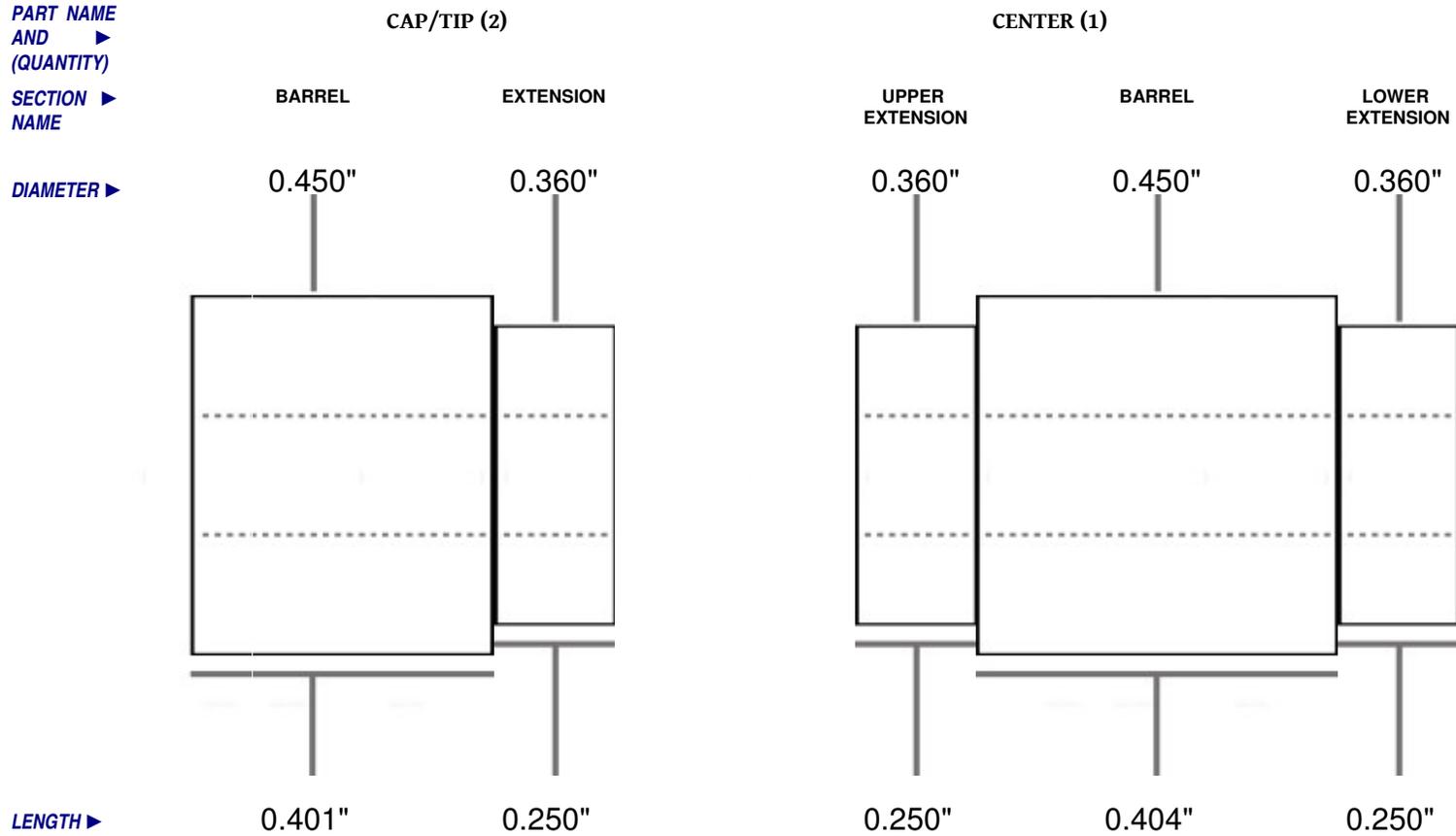
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PK10-BUSH3      **TYPE:** BUSHING

**NOTES:** CAP AND TIP HAVE SAME DIMENSIONS

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")

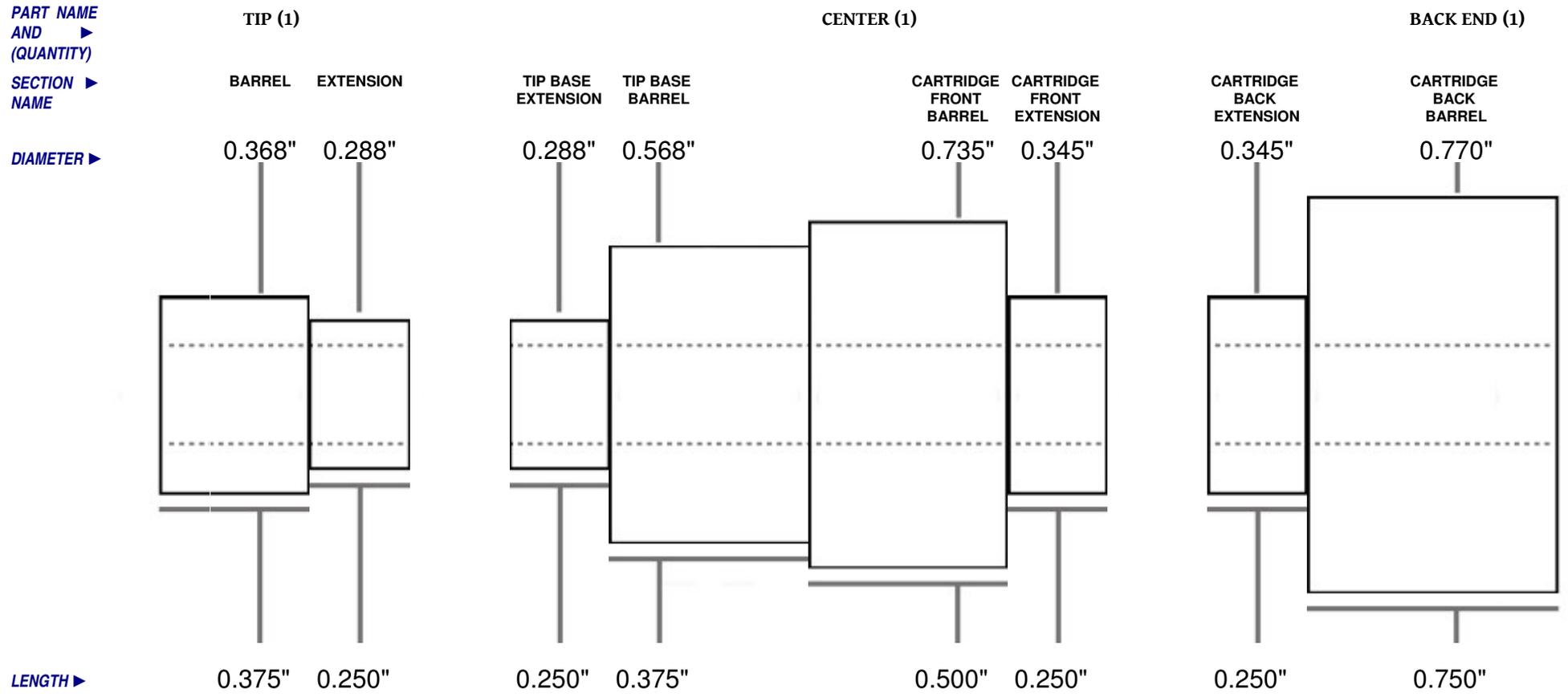


**ASSOCIATED KITS:** PK10-FP2(XX), PK10-RP2(XX), PKSECRET(XX), PKSEWHIST(XX), PKTOOL(XX), PKTOP2(XX), PKYOYO(XX)

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**ID NUMBER** PK50BABU      **TYPE:** BUSHING  
**NUMBER OF PARTS** 3  
**THRU HOLE** STANDARD (0.248")

**NOTES:** TIP BUSHING AND SMALLER SIDE OF CENTER BUSHING ARE NOT USED FOR TURNING IF USING PRE-MADE BULLET TIP. LARGER SIDE OF CENTER BUSHING IS FOR THE BASE (WIDER) END OF TIP AND THE FRONT (TIP SIDE) END OF THE TURNED CARTRIDGE SECTION.



**ASSOCIATED** PK50BA(XX), PK50BA(XX)2  
**KITS:**

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**ID NUMBER** PK50CALBU

**TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 2

**THRU HOLE** CENTER BUSHING THRU HOLE IS .277 TO FIT OVER 7MM TUBE. TIP IS STANDARD(0.248)

**PART NAME AND (QUANTITY)**

CENTER (1)

TIP (1)

**SECTION NAME**

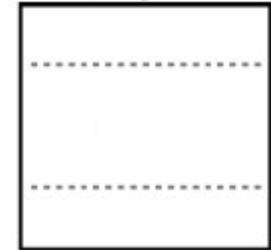
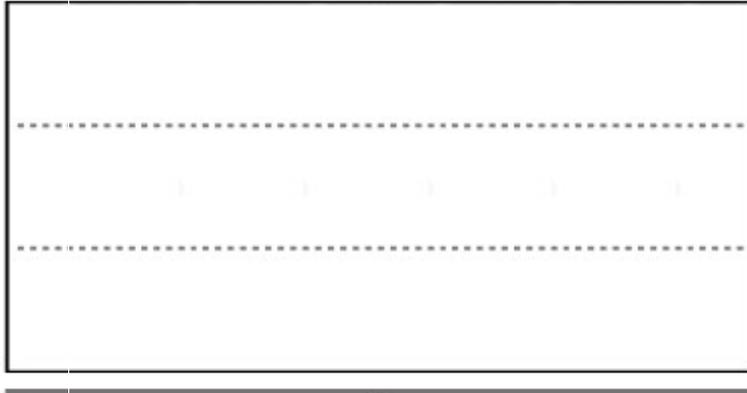
BARREL

BARREL

**DIAMETER**

0.571"

0.369"



**LENGTH**

1.500"

0.375"

**ASSOCIATED** PK50CAL(XX), PK50CALBS(XX)

**KITS:**

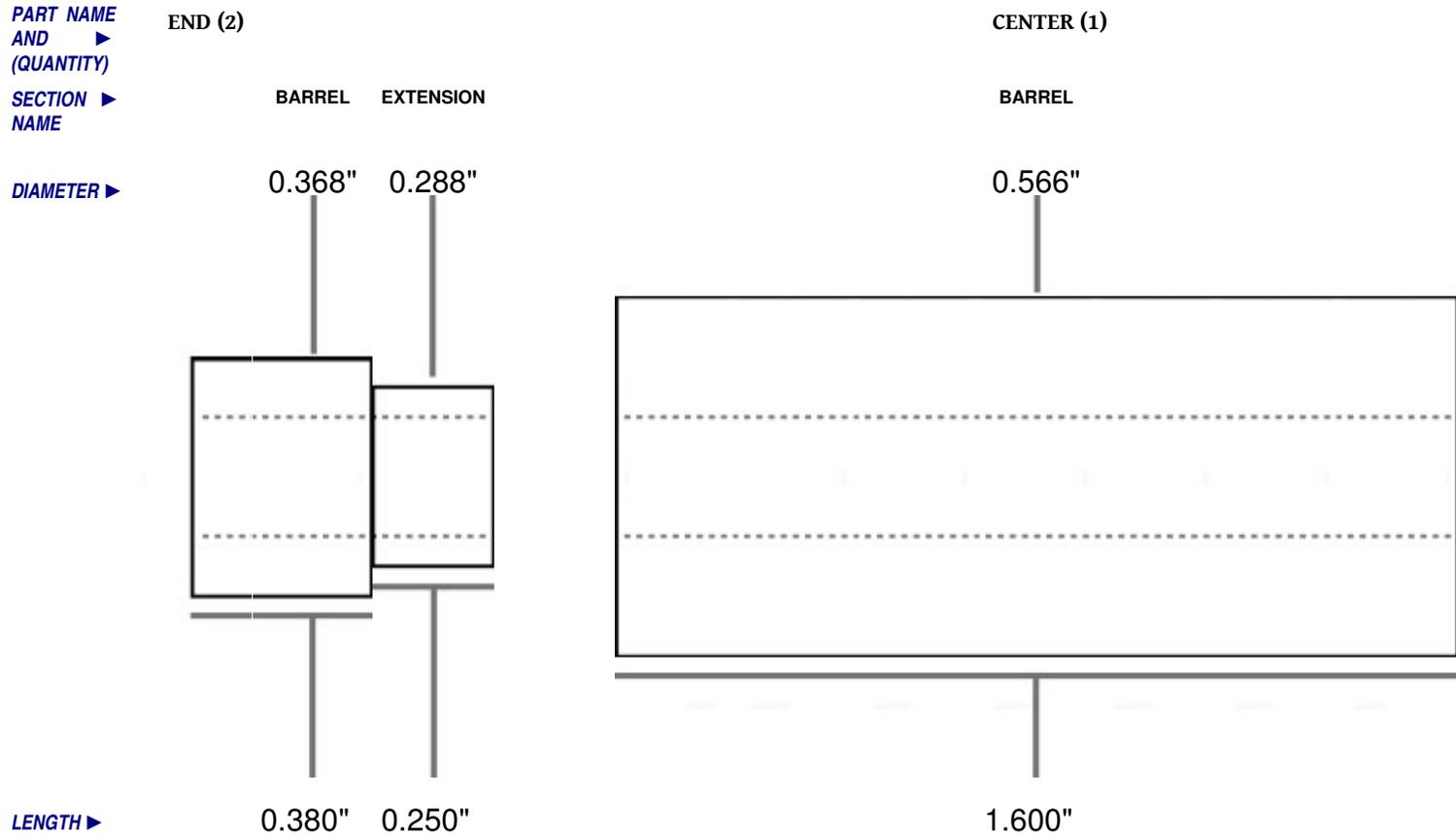
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PK50CALPBU      **TYPE:** BUSHING

**NOTES:** END BUSHINGS SAME MEASUREMENT

**NUMBER OF PARTS** 3

**THRU HOLE** CENTER BUSHING THRU HOLE IS .304" TO ACCOMMODATE OUTSIDE OF 8MM TUBE. END BUSHING IS STANDARD (.248")



**ASSOCIATED** PK50CALP(XX)

**KITS:**

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**ID NUMBER PK50RBU**

**TYPE: BUSHING**

**NOTES: TIP CAP SAME DIMENSION**

**NUMBER OF PARTS 2**

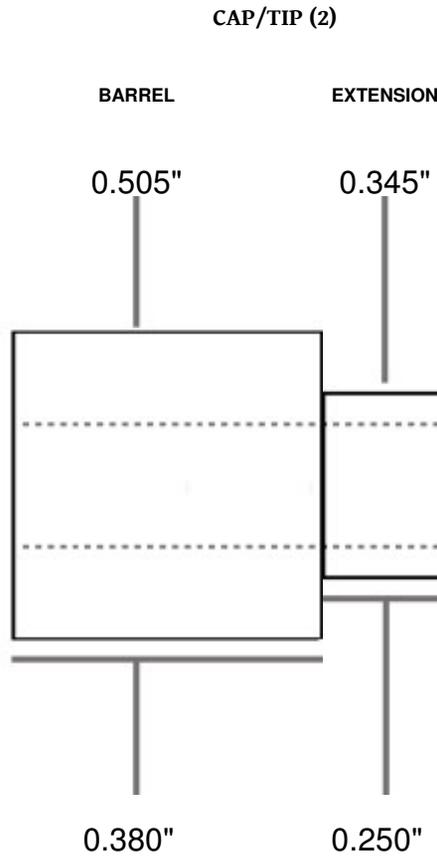
**THRU HOLE STANDARD(0.248")**

**PART NAME  
AND ►  
(QUANTITY)**

**SECTION ►  
NAME**

**DIAMETER ►**

**LENGTH ►**



**ASSOCIATED PK50BPX(XX), PK50RBX(XX)**

**KITS:**

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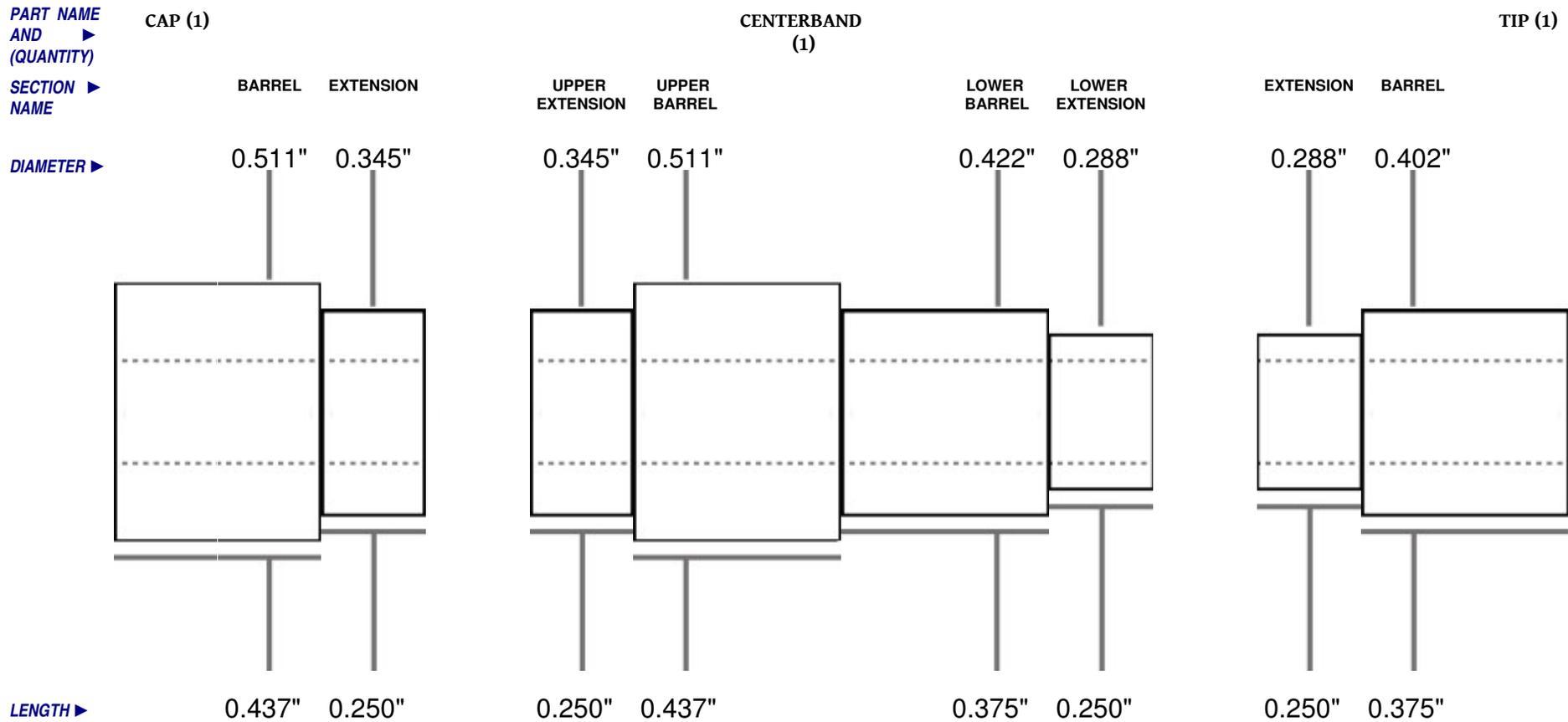
**ID NUMBER** PKAPBBU

**TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD (0.248")



**ASSOCIATED** PKAPB(XX)

**KITS:**

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**ID NUMBER** PKAPBTS  
**NUMBER OF PARTS** 2

**TYPE:** TRIMMING SLEEVE

**NOTES:** FITS STANDARD TUBES SIZED 9/16" (UPPER) AND 12.5MM (LOWER)

**THRU HOLE** 7MM TRIMMER SHAFT

**PART NAME AND (QUANTITY)**

UPPER  
BARREL (1)

LOWER  
BARREL (1)

**SECTION NAME**

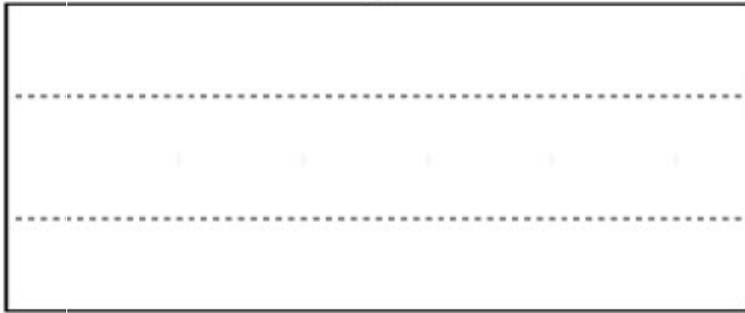
BARREL

BARREL

**DIAMETER**

0.534"

0.454"



**LENGTH**

1.563"

2.000"

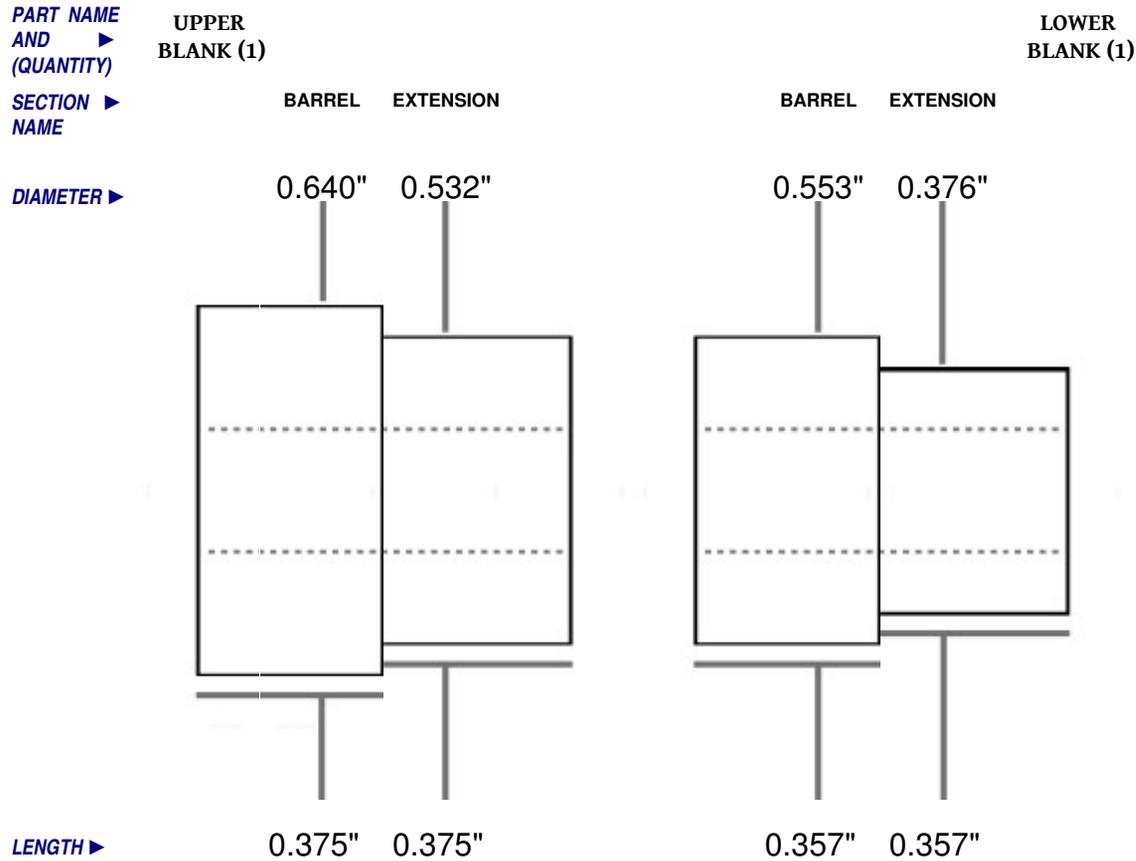
**ASSOCIATED KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKAPCEBU      **TYPE:** BUSHING  
**NUMBER OF PARTS** 2

**NOTES:** PART OF CLOSED END SYSTEM. ONLY ONE BUSHING IS USED ON EACH BLANK

**THRU HOLE** STANDARD (0.248")



**ASSOCIATED KITS:** PKAPCF(XX), PKAPCR(XX)

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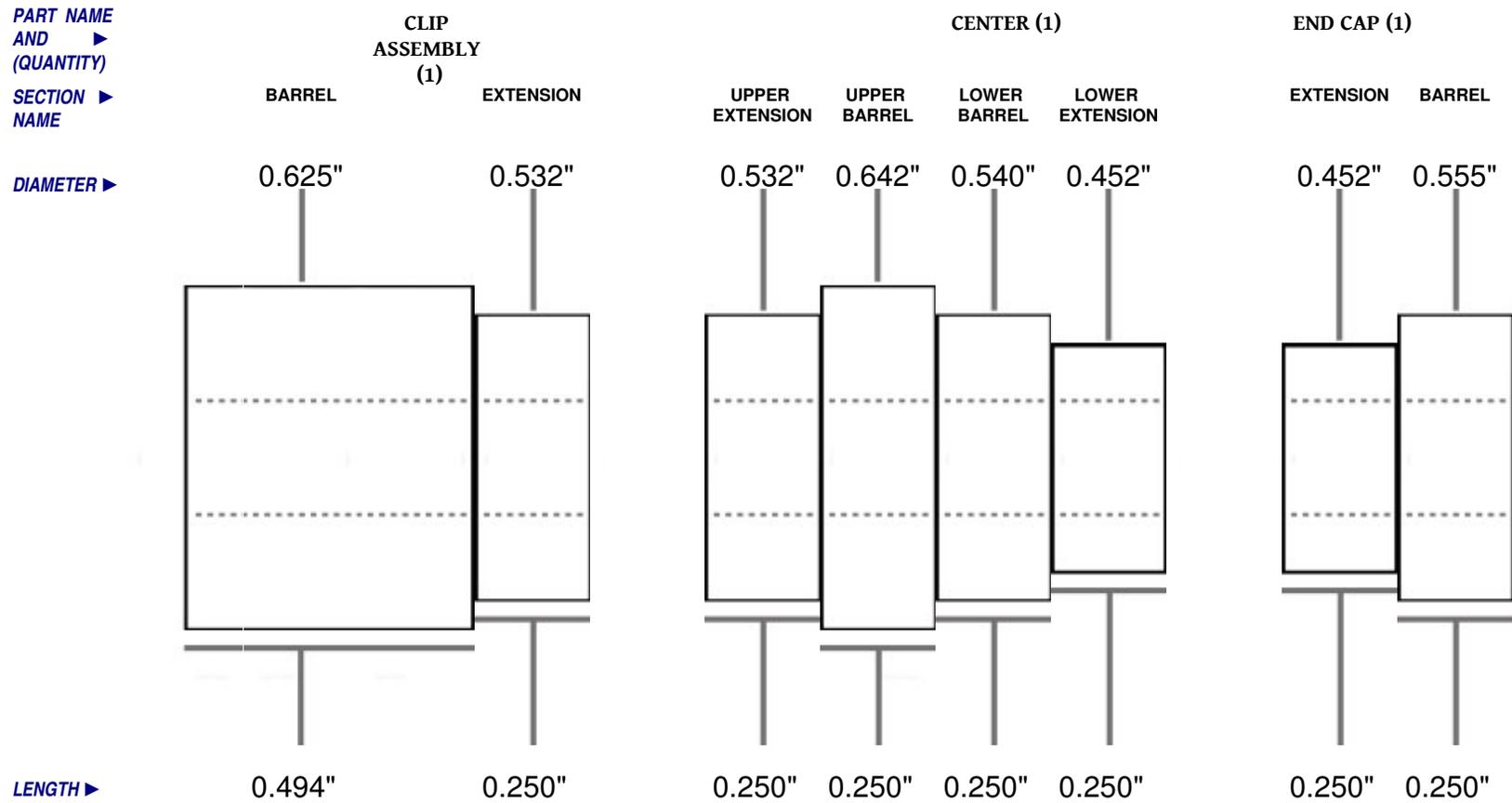
**ID NUMBER** PKAPR2BU

**TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKAPFP2(XX), PKAPRB(XX)

**KITS:**

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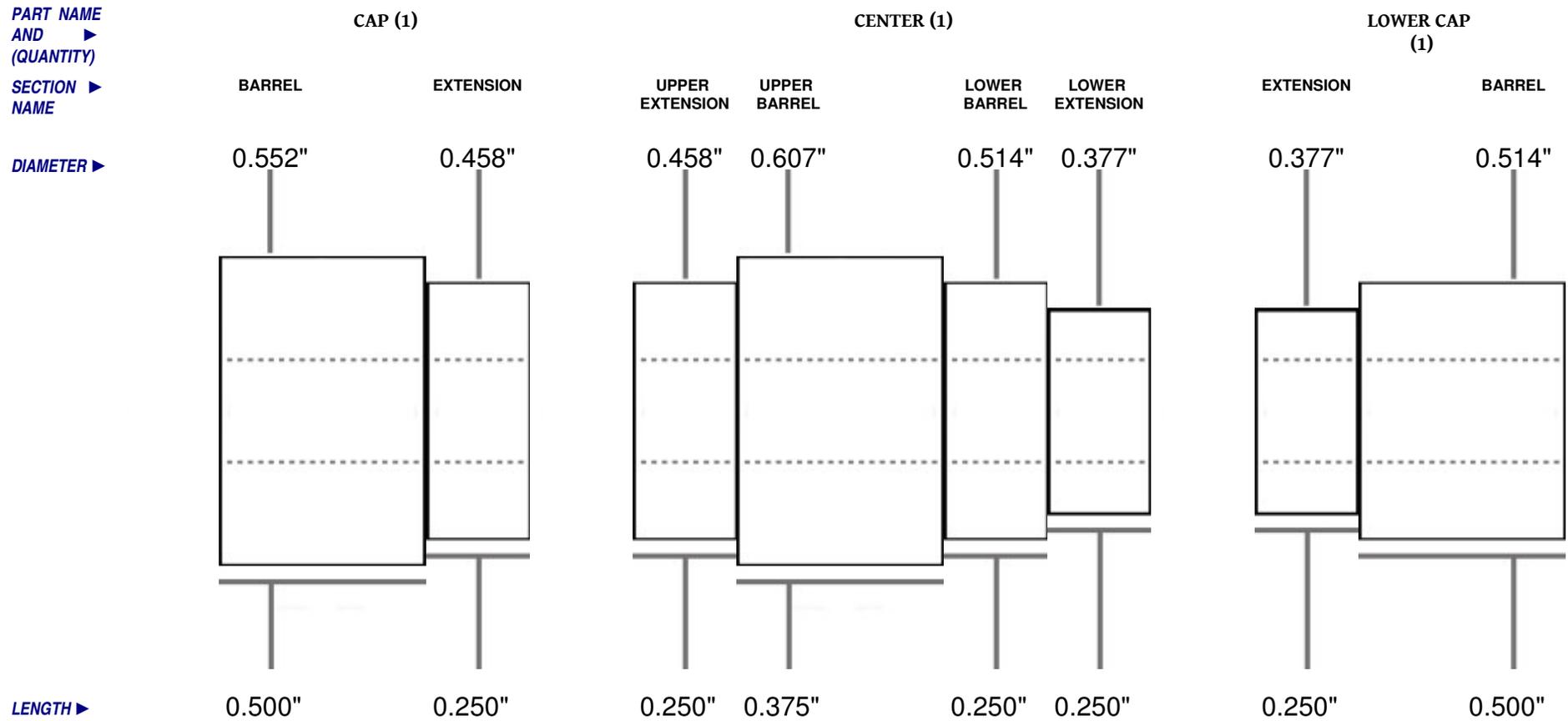
**ID NUMBER** PKARTBU

**TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKART(XX)F, PKART(XX)R  
**KITS:**

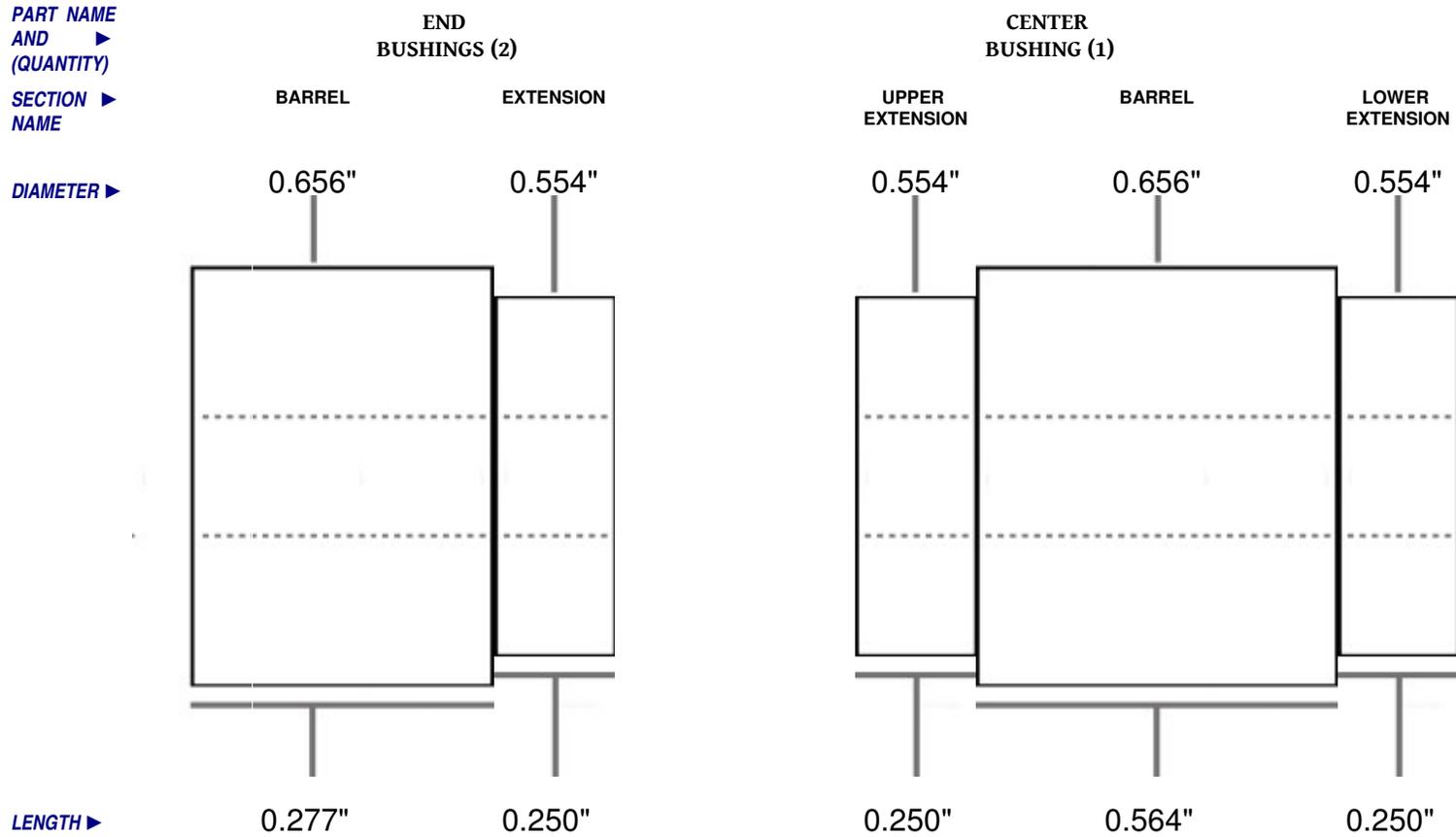
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKATOM-BU      **TYPE:** BUSHING

**NOTES:** END BUSHINGS ARE THE SAME DIMENSION

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKATOM(XX), PKATOM2(XX)  
**KITS:**

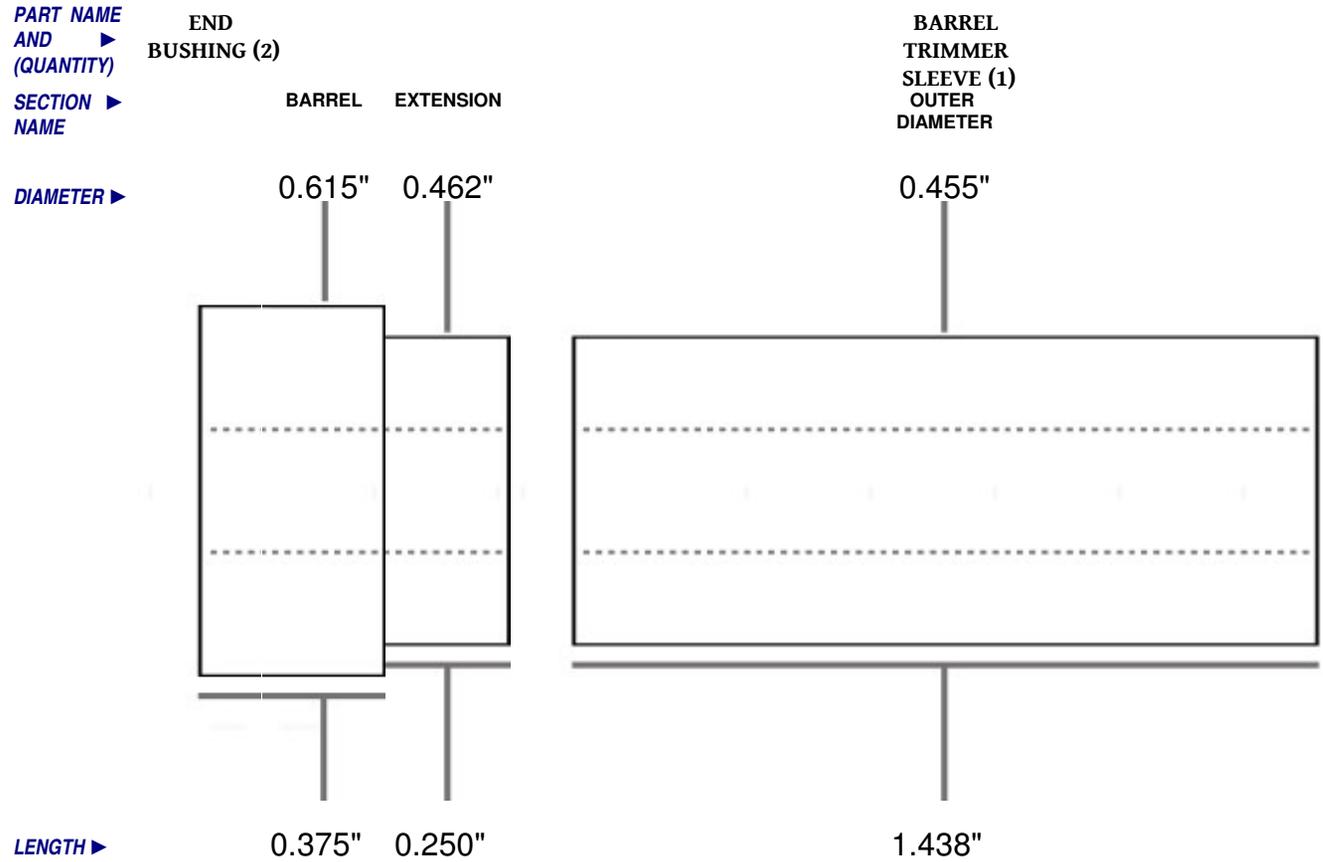
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKATOMKCBU     **TYPE:** BUSHING

**NOTES:** BARREL TRIMMER COMES WITH BUSHINGS. END BUSHINGS ARE SAME MEASUREMENT

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD (0.248") ON BUSHINGS, .355" ON BARREL TRIMMING SLEEVE



**ASSOCIATED** PKATOMKC(XX)  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKAUTOBU      **TYPE:** BUSHING

**NOTES:** BOTH BUSHINGS SAME DIMENSIONS

**NUMBER OF PARTS** 2

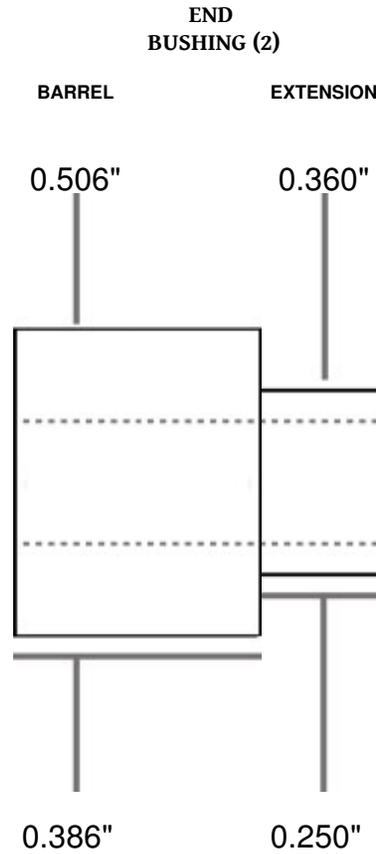
**THRU HOLE** STANDARD (0.248')

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED** PKAUTO(XX)  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

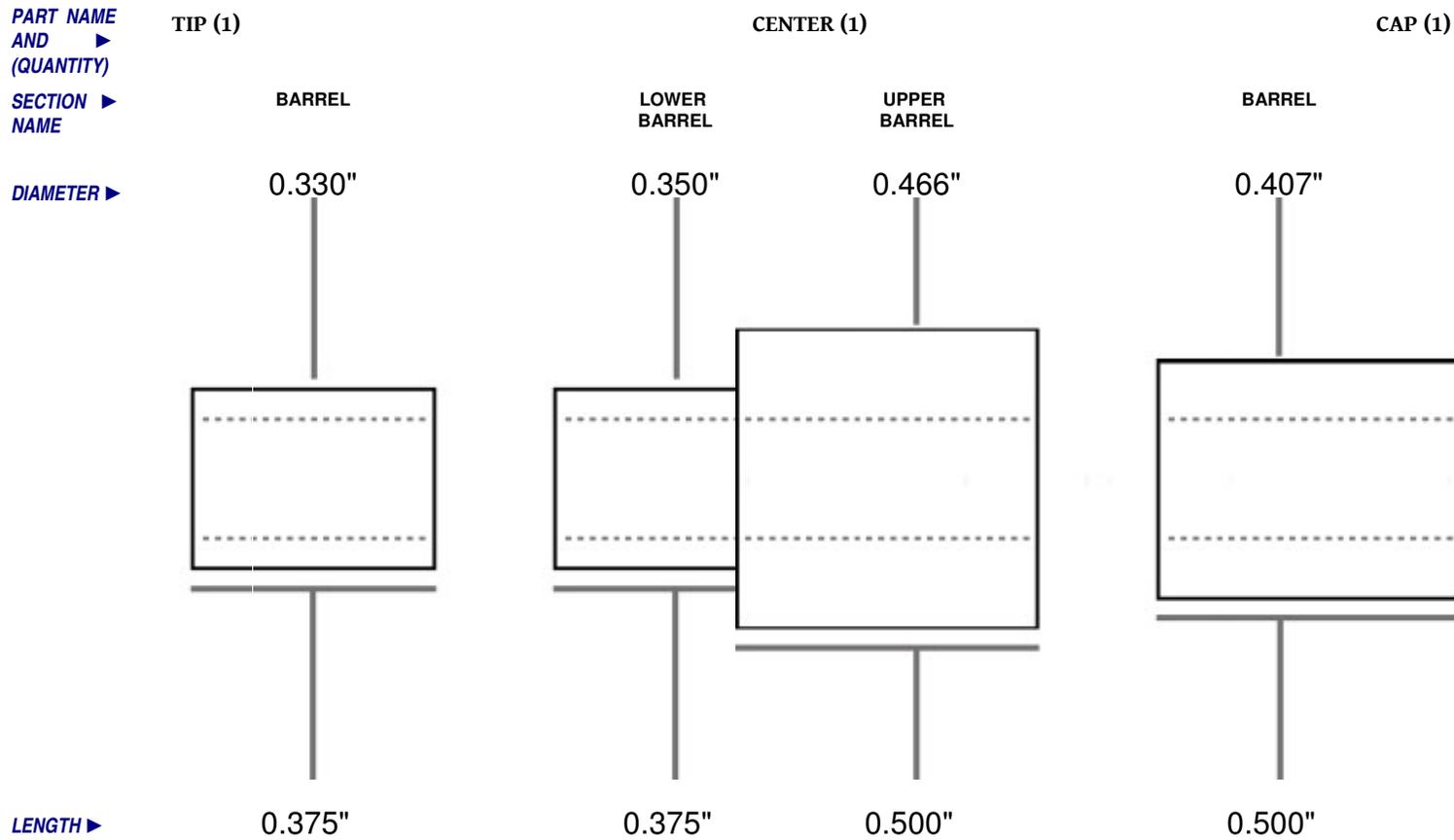
**ID NUMBER** PKBCMBU

**TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD (0.248')



**ASSOCIATED** PKBCM(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

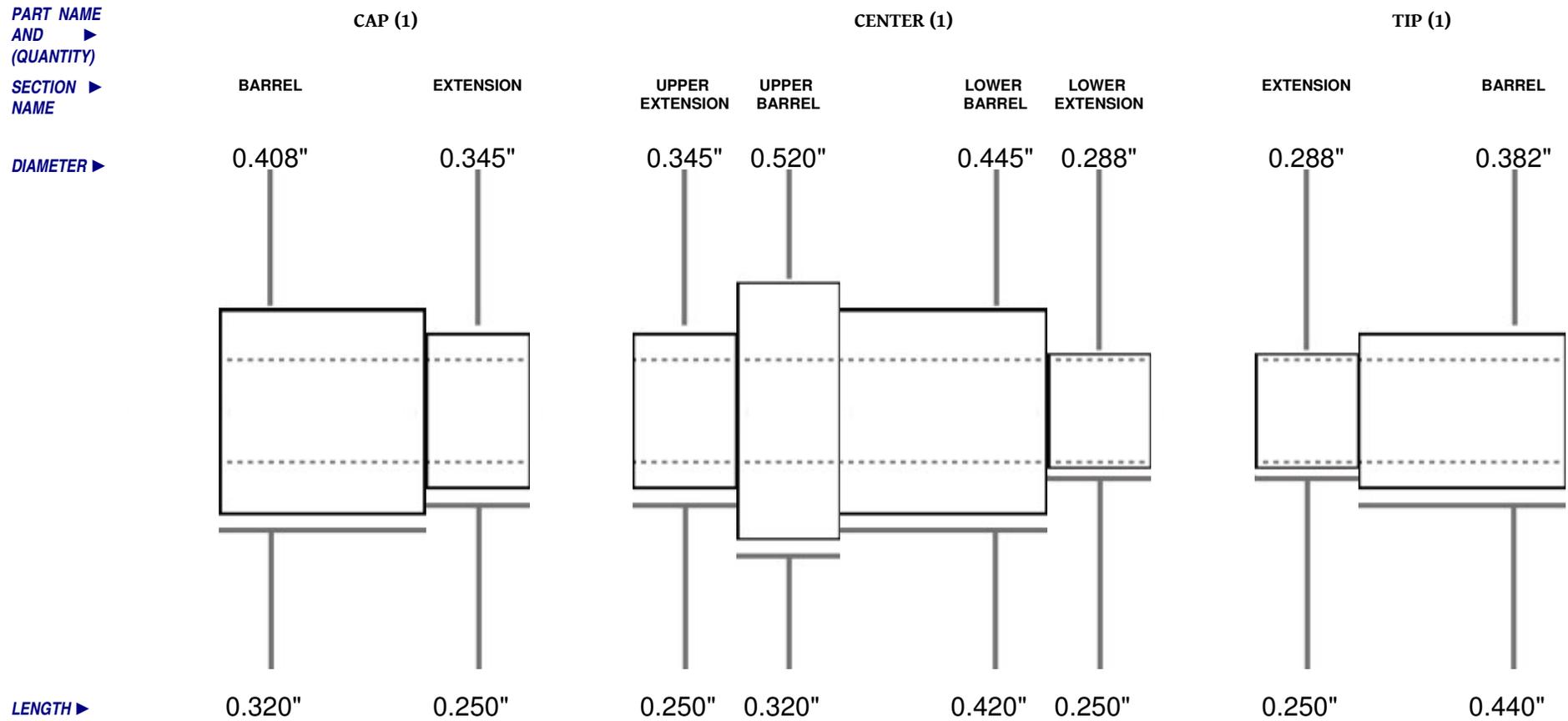
**ID NUMBER PKBCPBU**

**TYPE: BUSHING**

**NOTES:**

**NUMBER OF PARTS 3**

**THRU HOLE STANDARD(0.248")**



**ASSOCIATED PKBCP(XX), PKBLPEN(XX)**

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKBHOLDBU      **TYPE:** BUSHING

**NOTES:** END BUSHINGS HAVE SAME DIMENSIONS

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")

**PART NAME AND (QUANTITY)**

**END BUSHINGS (2)**

**CENTER BUSHING (1)**

**SECTION NAME**

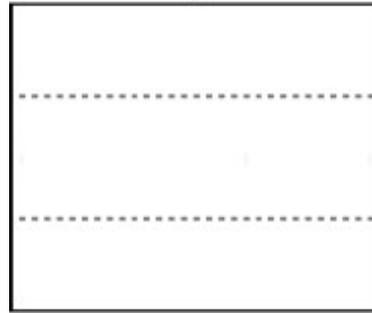
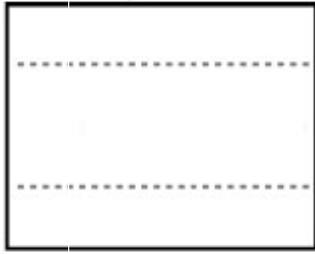
BARREL

BARREL

**DIAMETER**

0.440"

0.490"



**LENGTH**

0.375"

0.437"

**ASSOCIATED** PKBHOLD(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

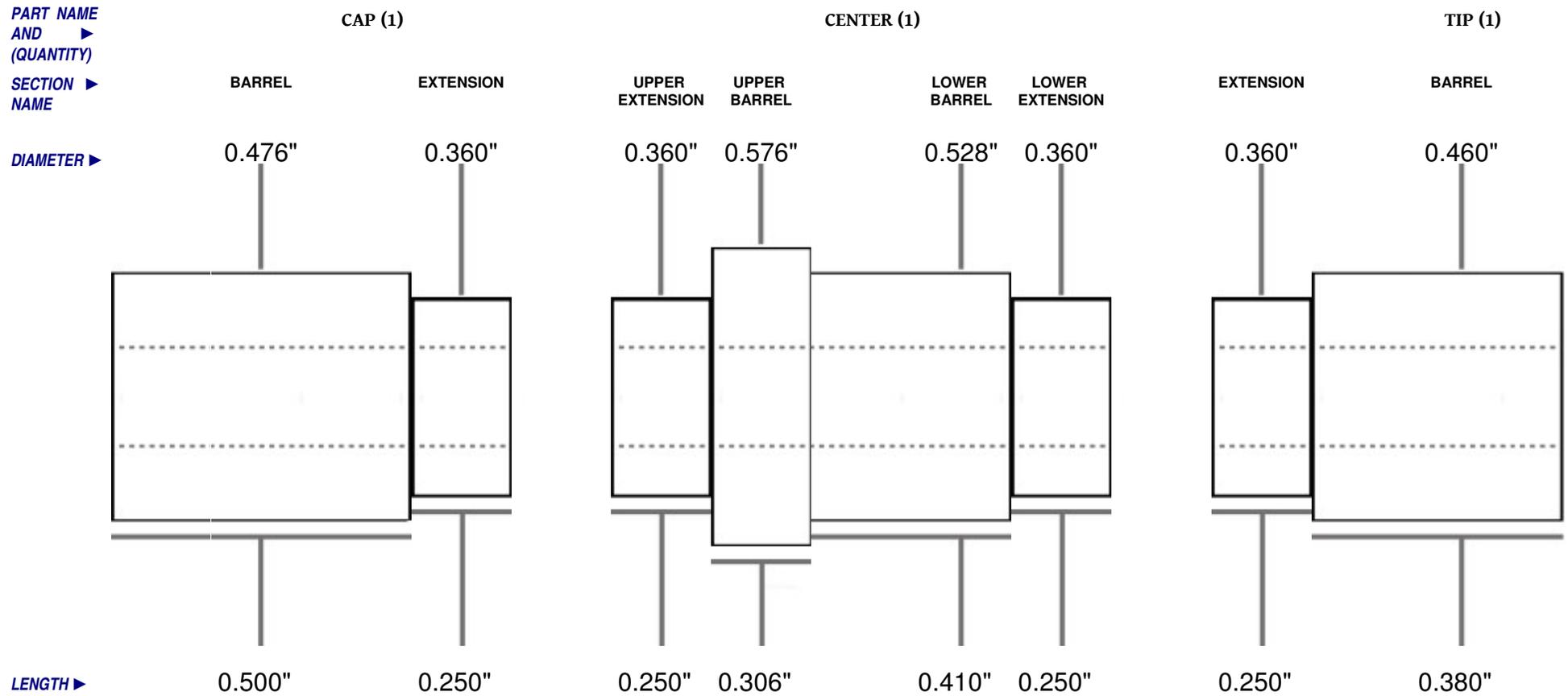
**ID NUMBER** PKBIG-BU

**TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED KITS:** PKBIG(XX), PKBIGST(XX), PKBIGC(XX), PKBIGCP(XX), PKBIGFP2(XX), PKBIGRP2(XX), PKBIGTT(XX)

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

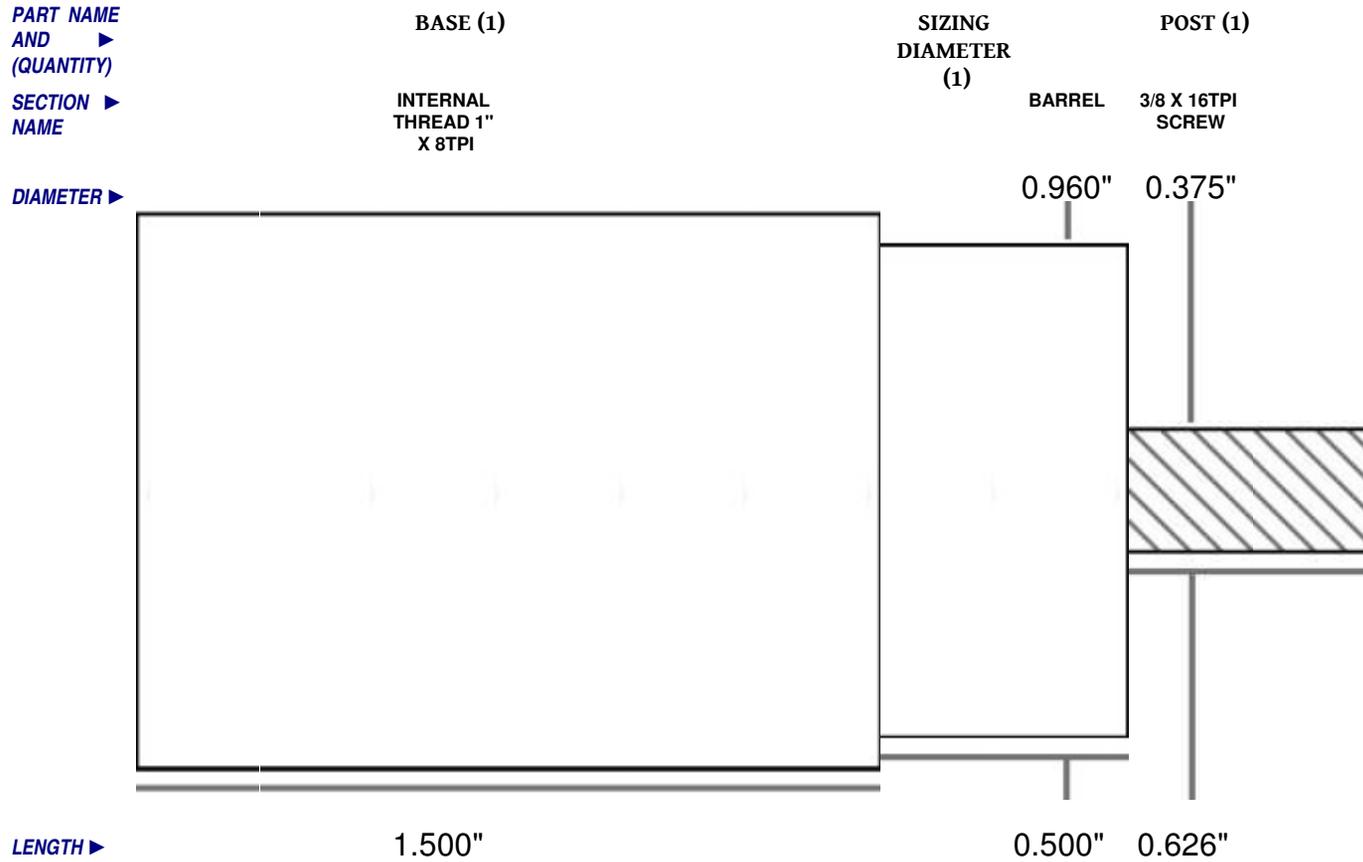
**ID NUMBER** PK-BS1-MJ

**TYPE:** CHUCK

**NOTES:**

**NUMBER OF PARTS** 1

**THRU HOLE** NONE. REAR IS THREADED 1"X8TPI



**ASSOCIATED KITS:** BS1(XX), BS10S(XX), BS12S(XX), BS14S(XX), BS2(XX), BS3(XX), BS5(XX), BS7LP(XX), BS8(XX), BS9A(XX)

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKBS28CBU      **TYPE:** BUSHING

**NOTES:** SAME DIMENSION ON ALL 3 PARTS

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD (0.248')

**PART NAME  
AND ►  
(QUANTITY)**

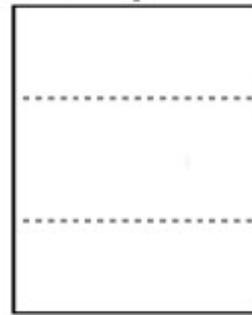
**SECTION ►  
NAME**

**DIAMETER ►**

END  
BUSHING (3)

BARREL

0.553"



**LENGTH ►**

0.500"

**ASSOCIATED** BS28(XX)

**KITS:**

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**ID NUMBER** PKBULPENBU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD (0.248')

<b>PART NAME AND (QUANTITY)</b>	<b>CAP (1)</b>	<b>CENTER (1)</b>	<b>TIP (1)</b>
<b>SECTION NAME</b>	BARREL	BARREL	BARREL
<b>DIAMETER</b>	0.342"	0.625"	0.360"
<b>LENGTH</b>	0.375"	0.375"	0.500"

**ASSOCIATED** PKBULPEN(XX)  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

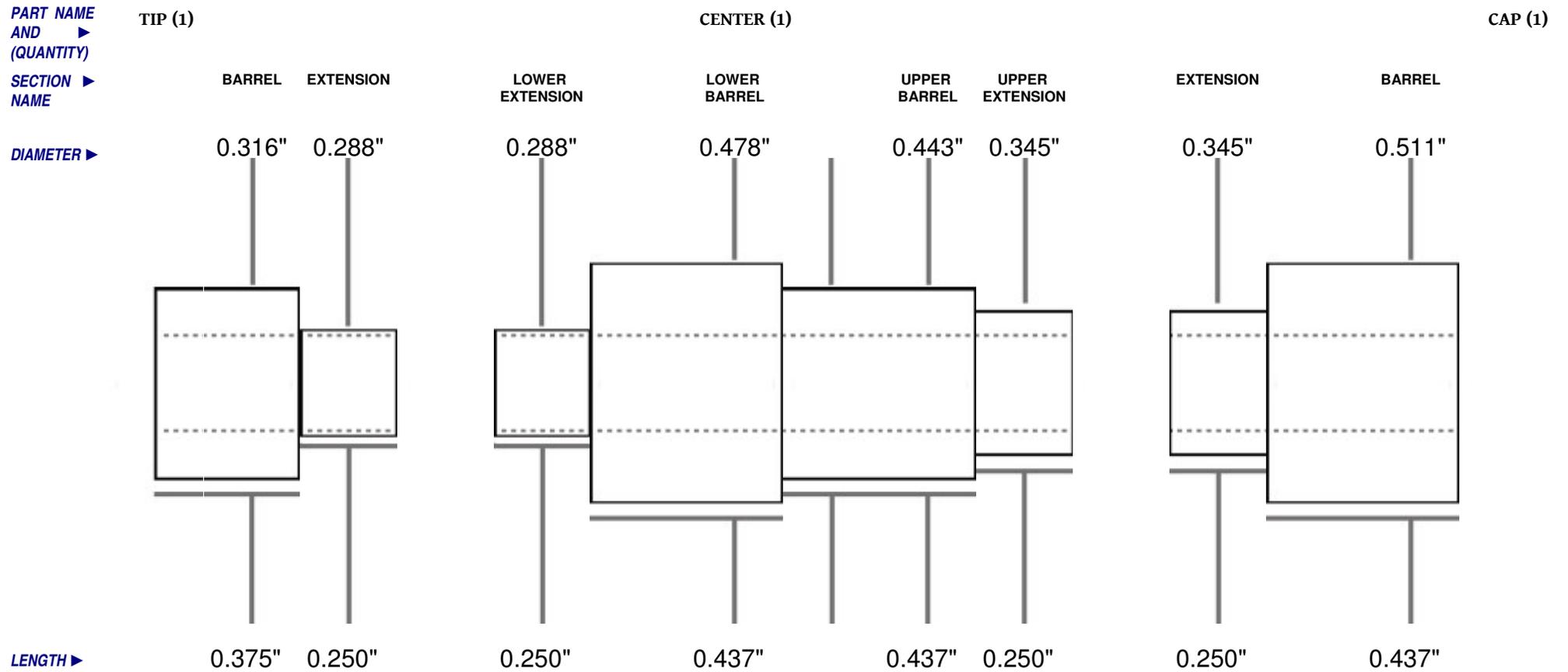
**ID NUMBER PKCAMBU**

**TYPE: BUSHING**

**NOTES:**

**NUMBER OF PARTS 3**

**THRU HOLE STANDARD (0.248")**



**ASSOCIATED PKCAM(XX)**

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKCEOBU

**TYPE:** BUSHING

**NOTES:** CAP AND TIP SAME DIAMETERS

**NUMBER OF PARTS** 2

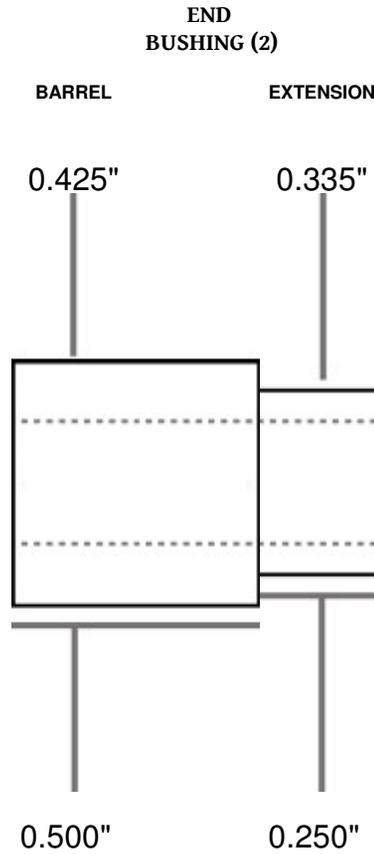
**THRU HOLE** STANDARD (0.248')

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED** PKCEO(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKCFBUSH      **TYPE:** BUSHING

**NOTES:** TO TURN LOWER BARREL WITHOUT COMFORT GRIP  
 SUBSTITUTE A STANDARD 7MM SPACER/SLIMLINE BUSHING AT  
 THE TIP

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")

PART NAME AND QUANTITY	CAP (1)	TIP/CENTER (1)	TIP (1)
SECTION NAME	BARREL DIAMETER	BARREL DIAMETER	
DIAMETER	0.330"	0.420"	
LENGTH	0.377"	0.440"	

**ASSOCIATED** PKCFFUN(XX), PKCFPCL(XX), PKCFPEN(XX), PKDU(XX), PKDUN(XX), PKDUX(XX)

**KITS:**

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**ID NUMBER** PKCHPENBU      **TYPE:** BUSHING

**NOTES:** BOTH BUSHINGS HAVE SAME DIMENSIONS

**NUMBER OF PARTS** 2

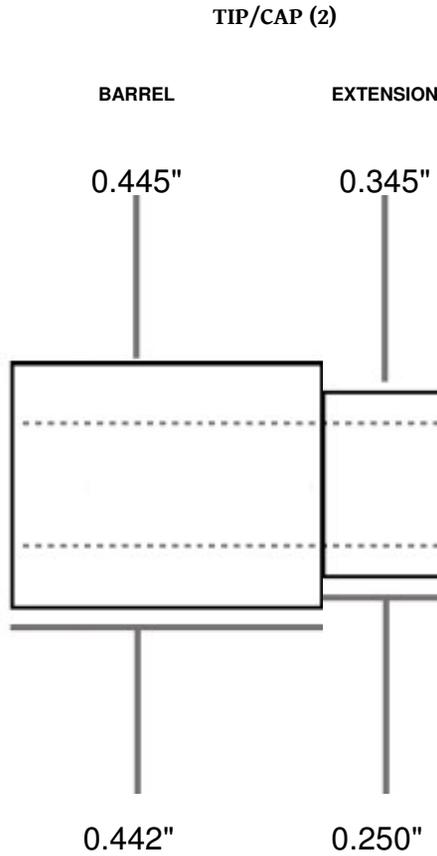
**THRU HOLE** STANDARD(0.248")

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED** PKCHPEN(XX), PKKPCL(XX), PKKPEN(XX), PKRB10(XX), PKSWST(XX), MCM-CH(XX)

**KITS:**

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**ID NUMBER** PKCKBU

**TYPE:** BUSHING

**NOTES:** BOTH SIDES SAME DIMENSION

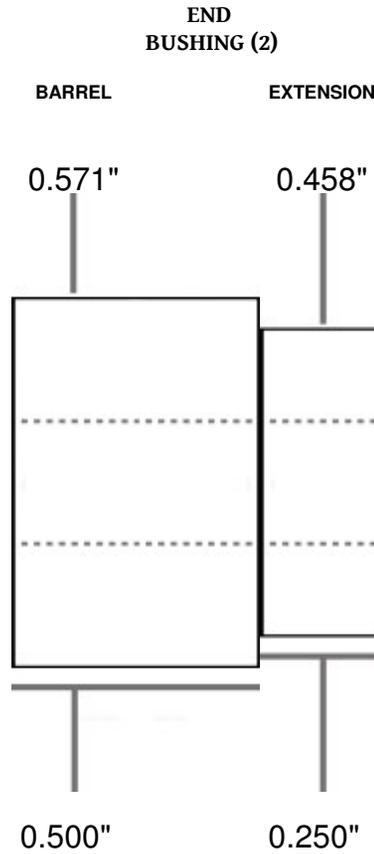
**NUMBER OF PARTS** 2

**THRU HOLE** STANDARD (0.248')

**PART NAME  
AND ►  
(QUANTITY)**

**SECTION ►  
NAME**

**DIAMETER ►**



**LENGTH ►**

**ASSOCIATED** PKCK(XX), PKTS3(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER PKCLBU**

**TYPE: BUSHING**

**NOTES:**

**NUMBER OF PARTS 3**

**THRU HOLE STANDARD (0.248")**

**PART NAME AND QUANTITY**

**CAP (1)**

**CENTER (1)**

**TIP (1)**

**SECTION NAME**

**BARREL**

**BARREL**

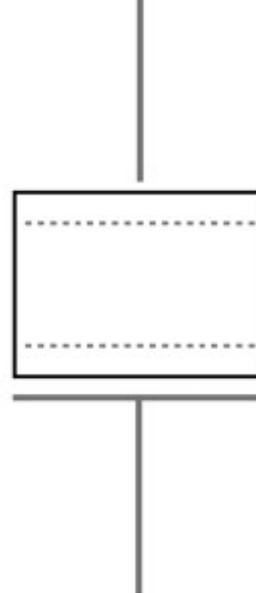
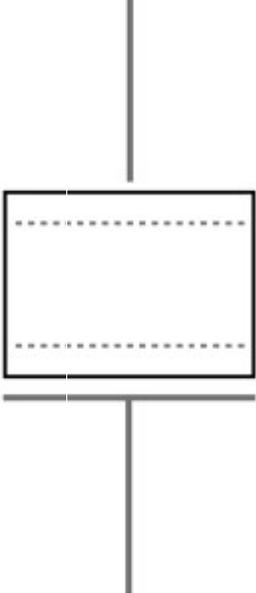
**BARREL**

**DIAMETER**

**0.370"**

**0.420"**

**0.330"**



**LENGTH**

**0.437"**

**0.500"**

**0.375"**

**ASSOCIATED PKCLPEN(XX)**

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKCONBU

**TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

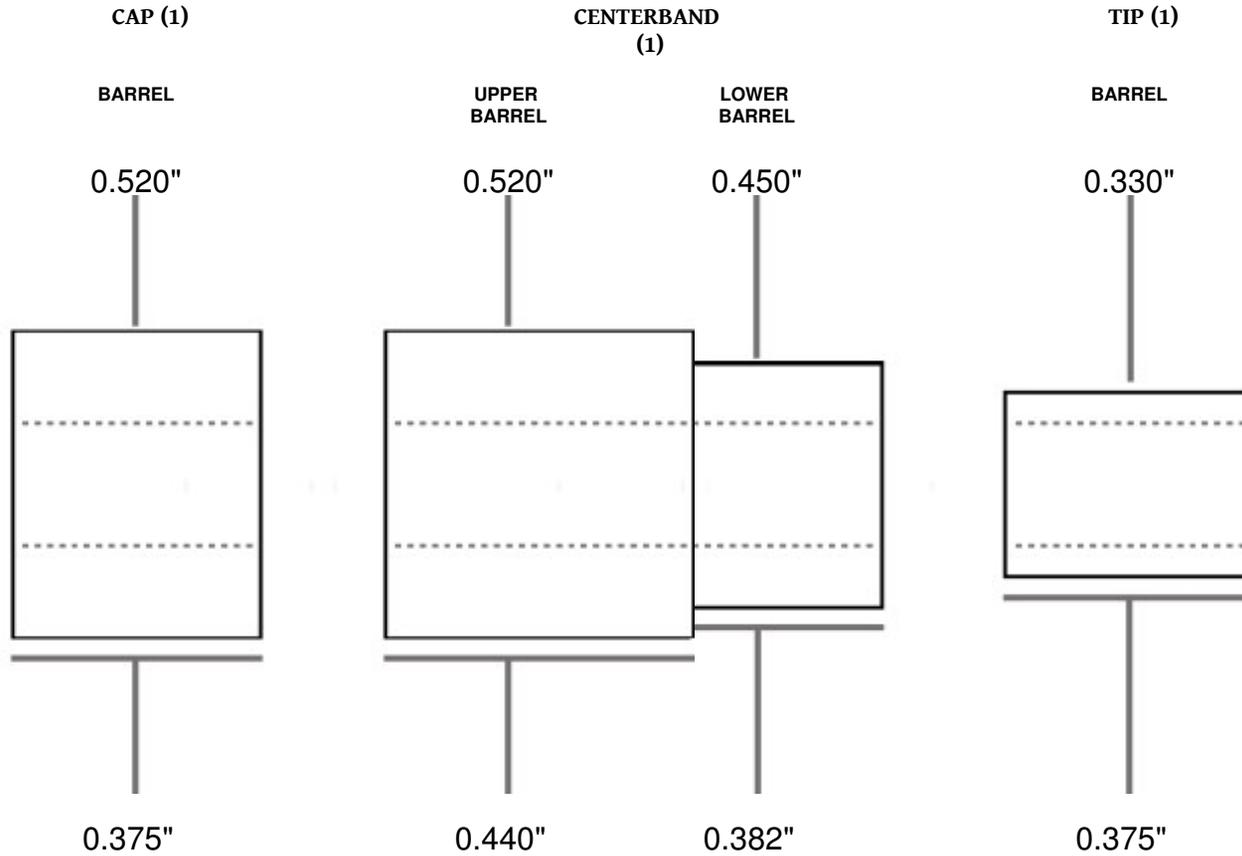
**THRU HOLE** STANDARD(0.248")

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED** PKCON(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKCORBU

**TYPE:** BUSHING

**NOTES:** CAP/TIP SAME SIZE

**NUMBER OF PARTS** 2

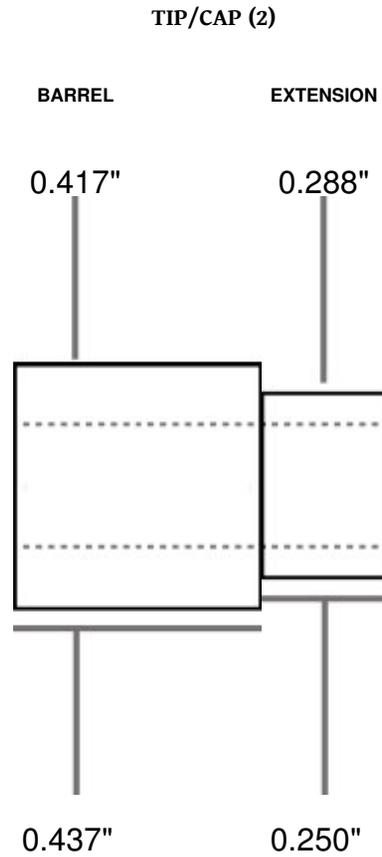
**THRU HOLE** STANDARD (0.248')

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED** PKCORS(XX), PKCORP(XX)

**KITS:**

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**ID NUMBER** PKCP2400BU      **TYPE:** BUSHING

**NOTES:** BOTH BUSHINGS HAVE THE SAME DIMENSION

**NUMBER OF PARTS** 2

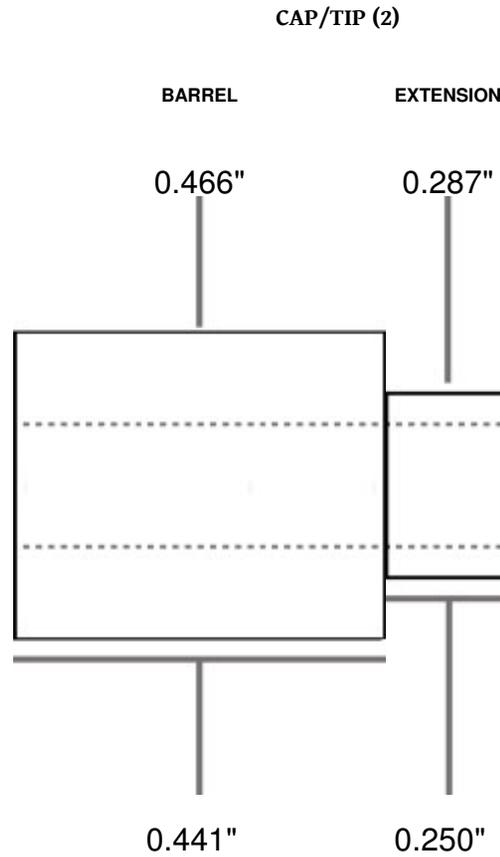
**THRU HOLE** STANDARD(0.248")

**PART NAME  
AND ►  
(QUANTITY)**

**SECTION ►  
NAME**

**DIAMETER ►**

**LENGTH ►**



**ASSOCIATED** PKCP24(XX), PKCP25(XX)

**KITS:**

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**ID NUMBER** PKCP3000BU      **TYPE:** BUSHING

**NOTES:** BOTH SIDES ARE SAME DIMENSIONS

**NUMBER OF PARTS** 2

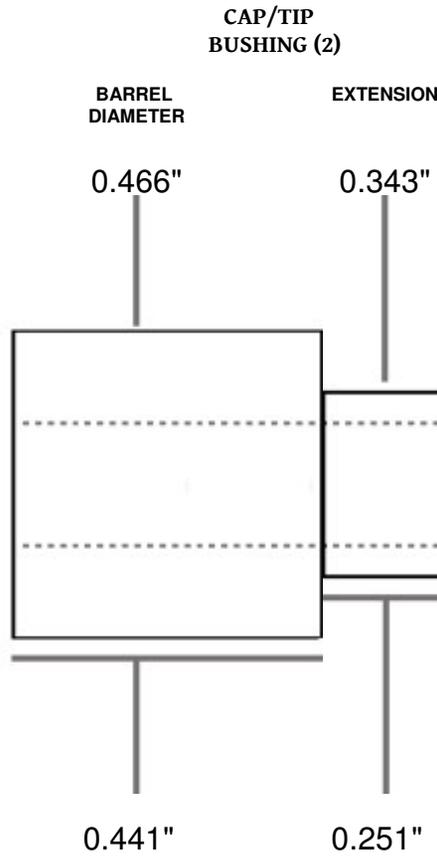
**THRU HOLE** STANDARD(0.248")

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED KITS:** PKCP30(XX), PKCP35(XX), PKCP36(XX), PKCP38(XX), PKCP80(XX), PKCP81(XX), PKCP82(XX), PKCP8AE(XX), PKCP8AR(XX), PKCP8DH(XX), PKCP8SL(XX), PKFAL(XX)

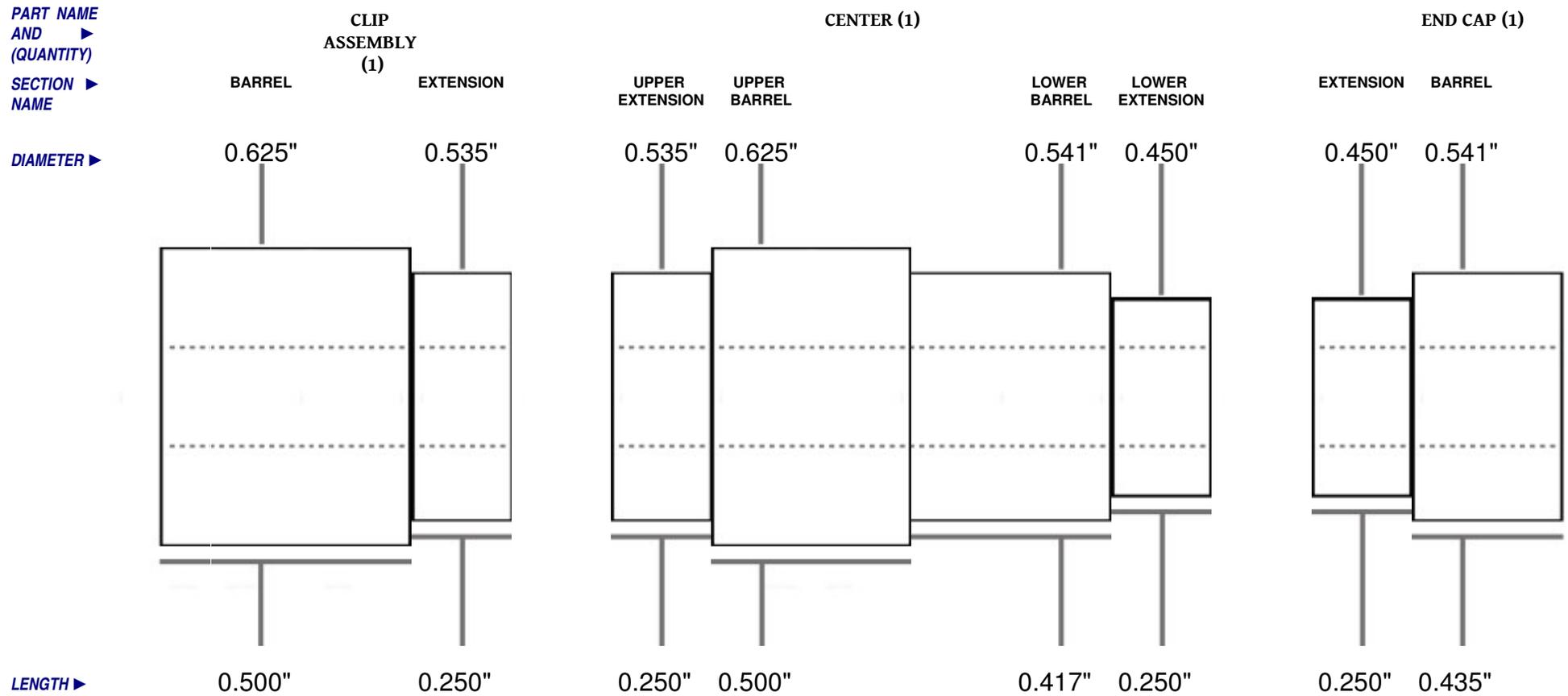
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKCP6000BU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKCP60(XX), PKCP61(XX)  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKCP7000BU      **TYPE:** BUSHING

**NOTES:** BOTH SIDES HAVE THE SAME DIMENSION

**NUMBER OF PARTS** 2

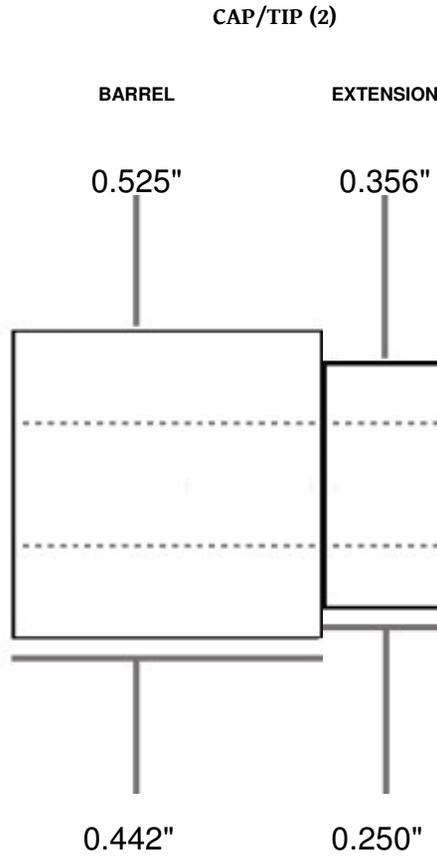
**THRU HOLE** STANDARD(0.248")

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED KITS:** PKCP70(XX), PKCP75(XX), PKRAMAG(XX)

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKCP9000BU      **TYPE:** BUSHING

**NOTES:** CAP AND TIP SAME MEASUREMENTS

**NUMBER OF PARTS** 2

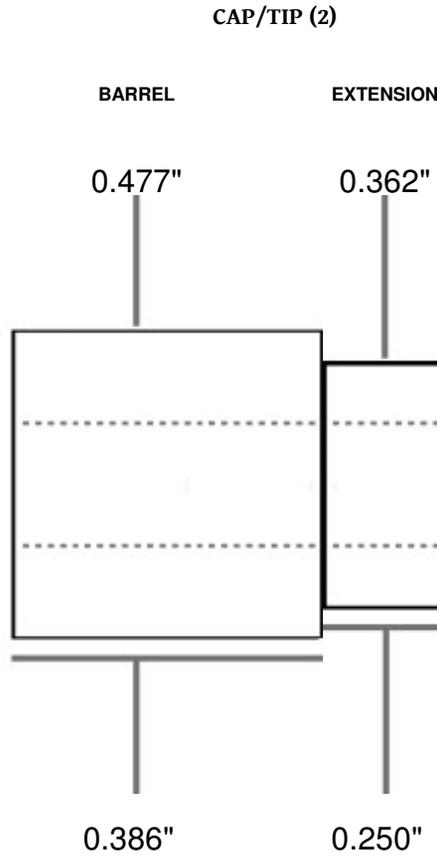
**THRU HOLE** STANDARD(0.248")

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED KITS:** PKCP90(XX)

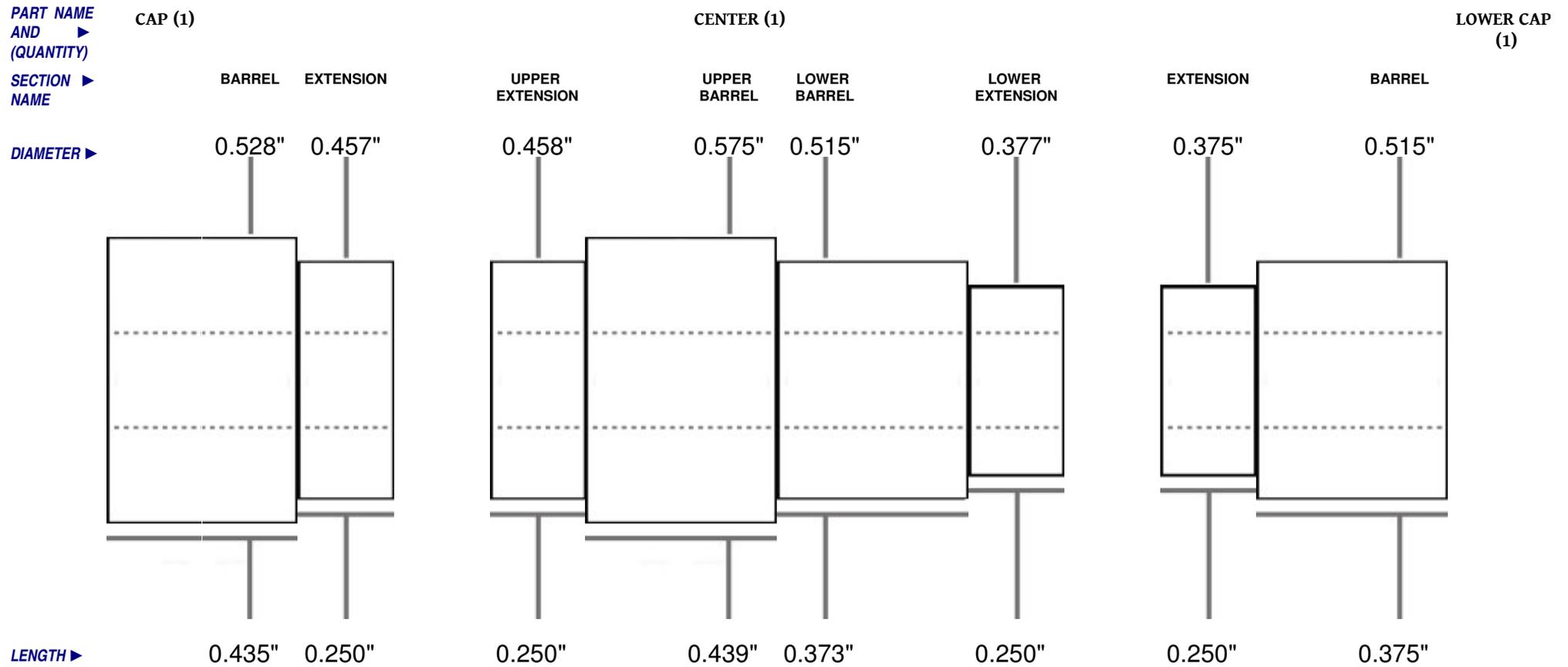
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKCPENRBU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD (0.248")



**ASSOCIATED** PKCPENF(XX), PKCPENR(XX)  
**KITS:**

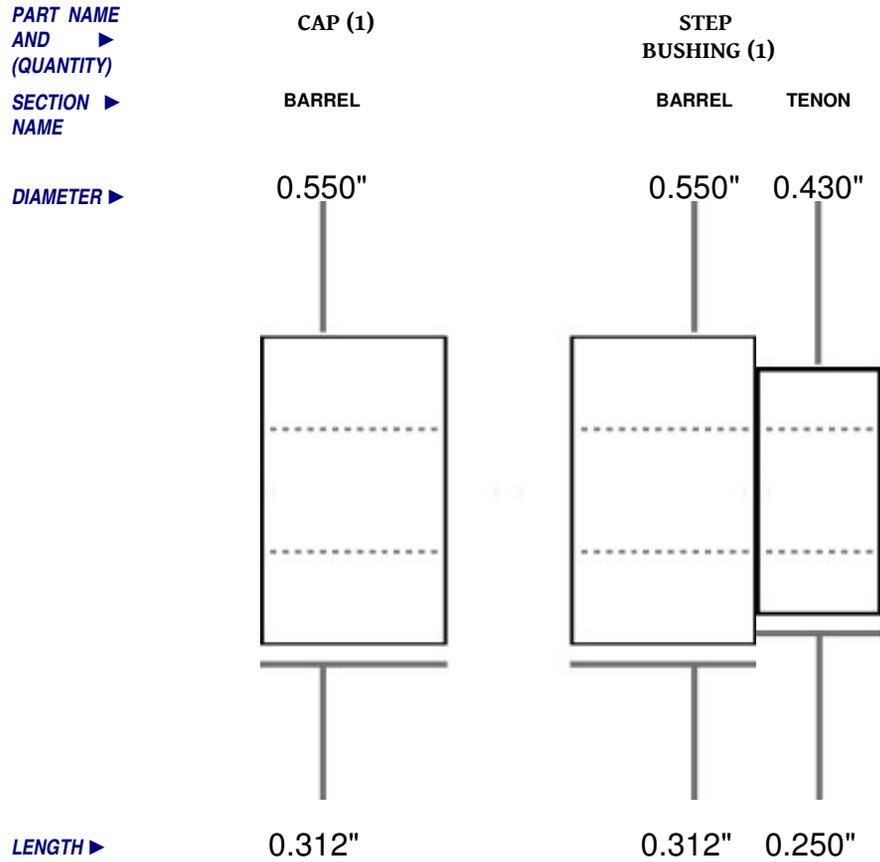
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKCSCOOPBU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 2

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKCSCOOP(XX), PKCSCOOP2(XX)

**KITS:**

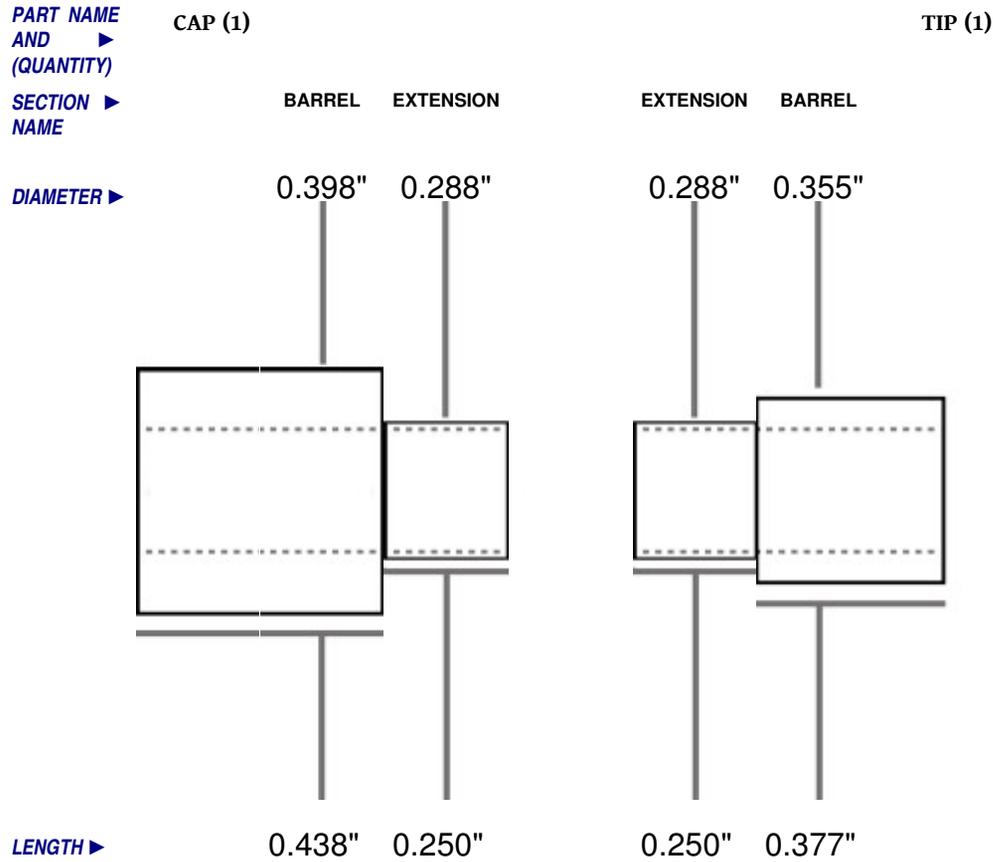
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKCTPENBU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 2

**THRU HOLE** STANDARD (0.248")



**ASSOCIATED KITS:** PKCTPEN(XX)

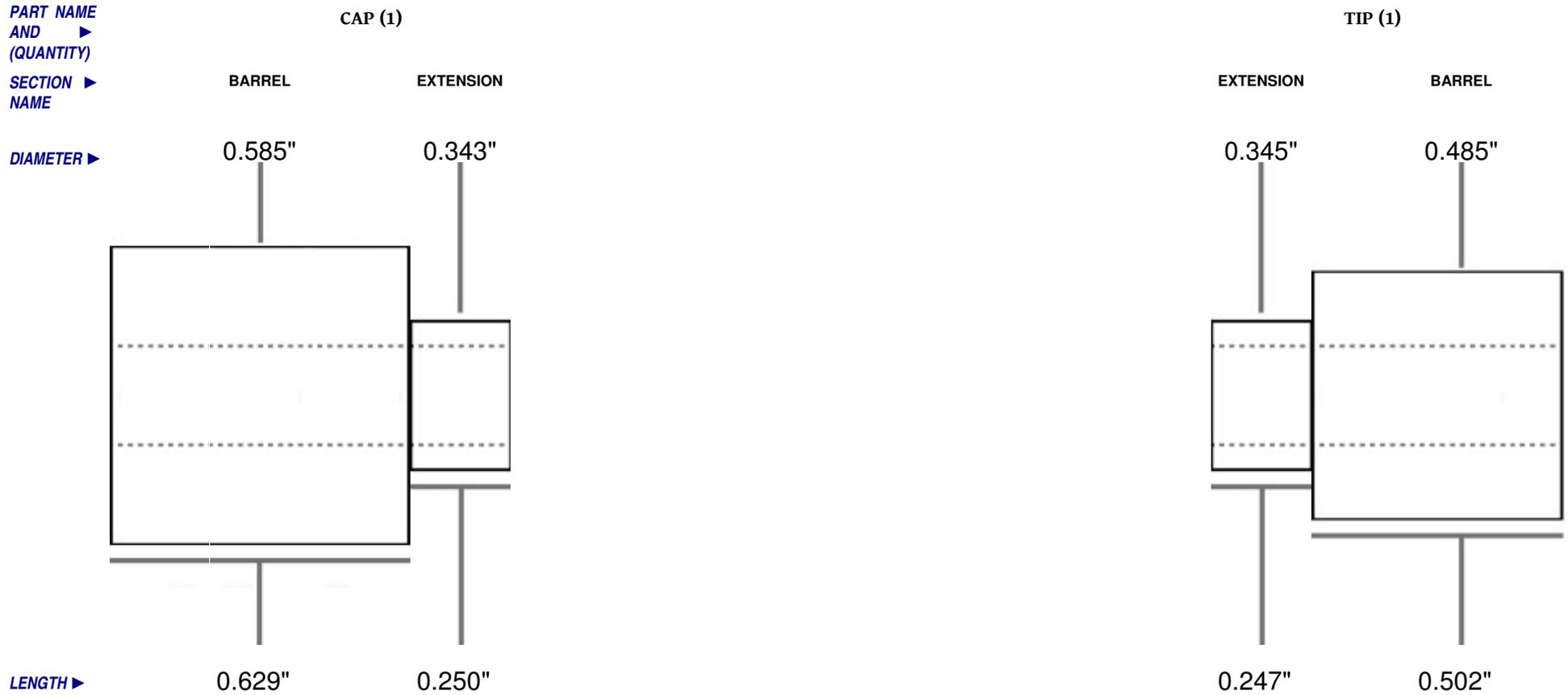
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKCWPENBU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 2

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKCWPEN(XX)  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

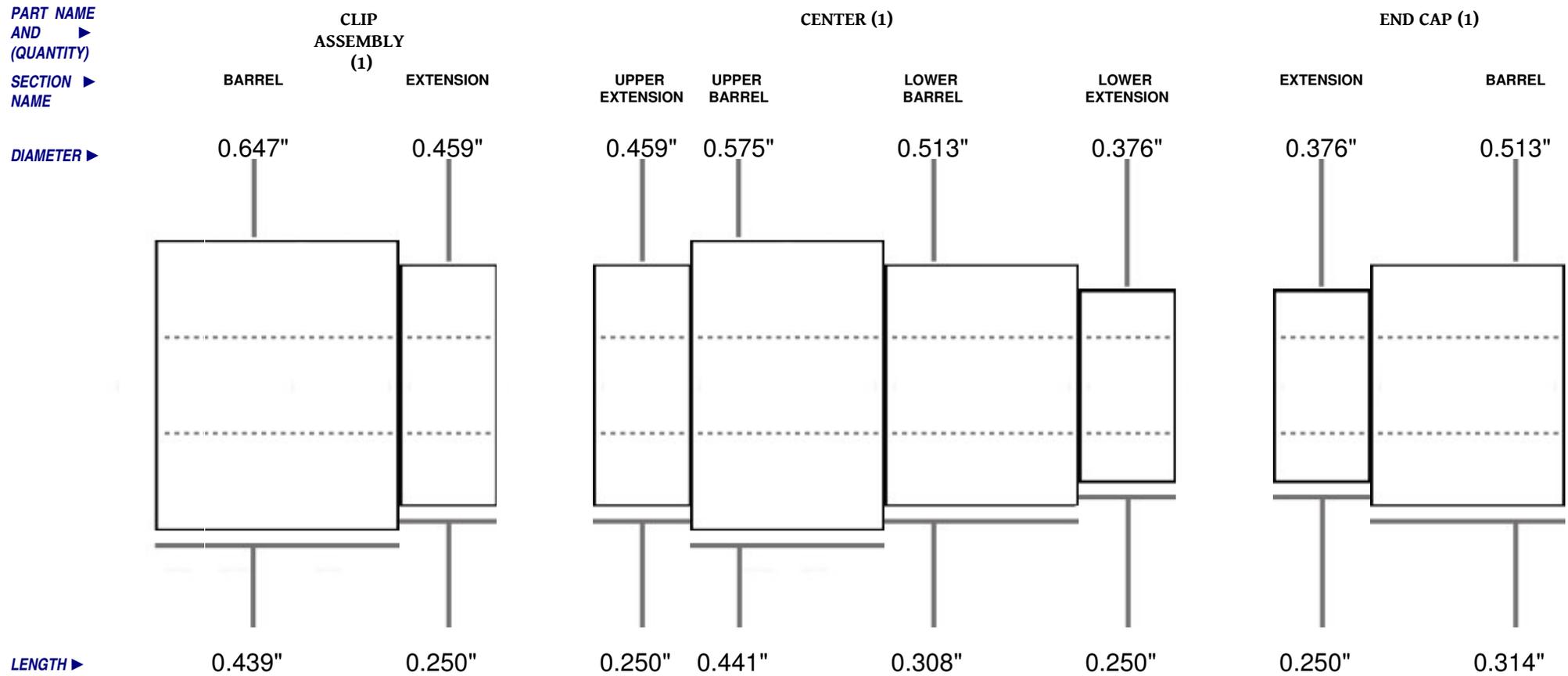
**ID NUMBER PKDBBUA**

**TYPE: BUSHING**

**NOTES:**

**NUMBER OF PARTS 3**

**THRU HOLE STANDARD(0.248")**



**ASSOCIATED PKDBF(XX), PKDBR(XX)**

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

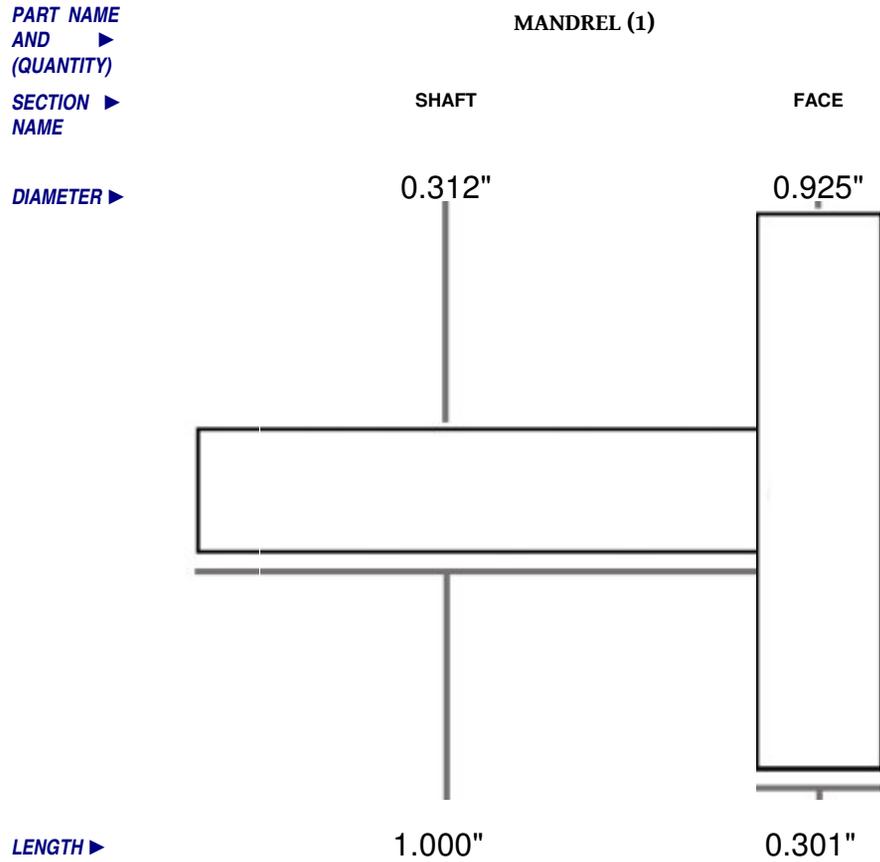
**ID NUMBER** PKDCM100

**TYPE:** DRILL CHUCK MANDREL

**NOTES:** FITS IN HEADSTOCK MOUNTED DRILL CHUCK

**NUMBER OF PARTS** 1

**THRU HOLE** NONE



**ASSOCIATED** PKBMF(XX), PKKHANG(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

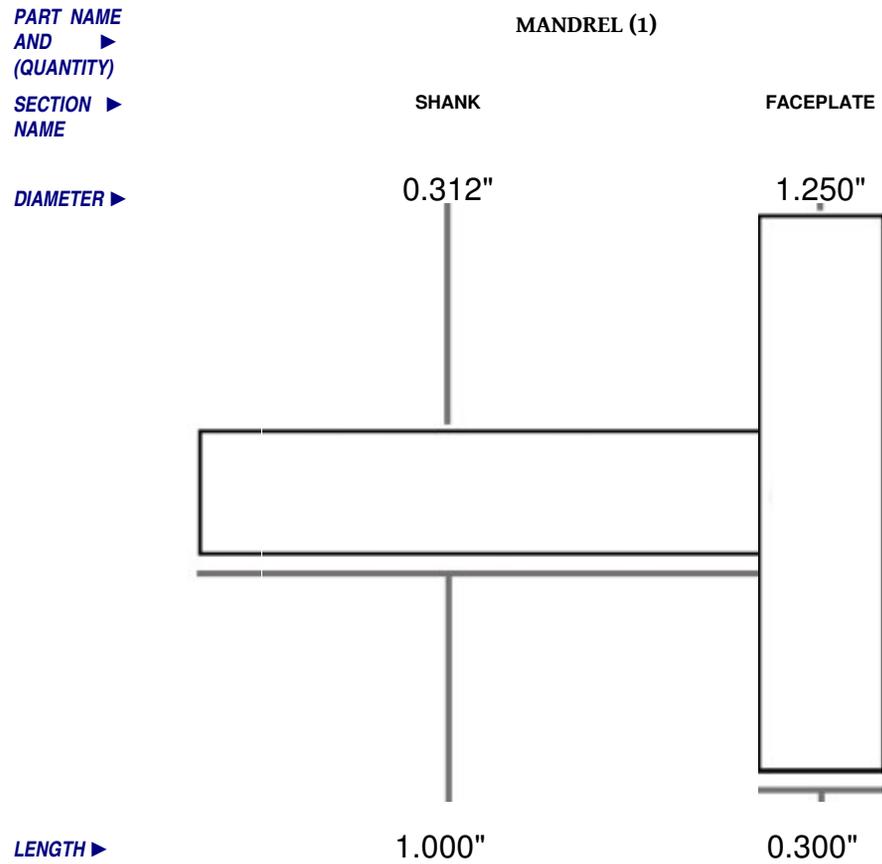
**ID NUMBER** PKDCM125

**TYPE:** DRILL CHUCK MANDREL

**NOTES:** FITS IN HEADSTOCK MOUNTED DRILL CHUCK

**NUMBER OF PARTS** 1

**THRU HOLE** NONE



**ASSOCIATED** PHANG2(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

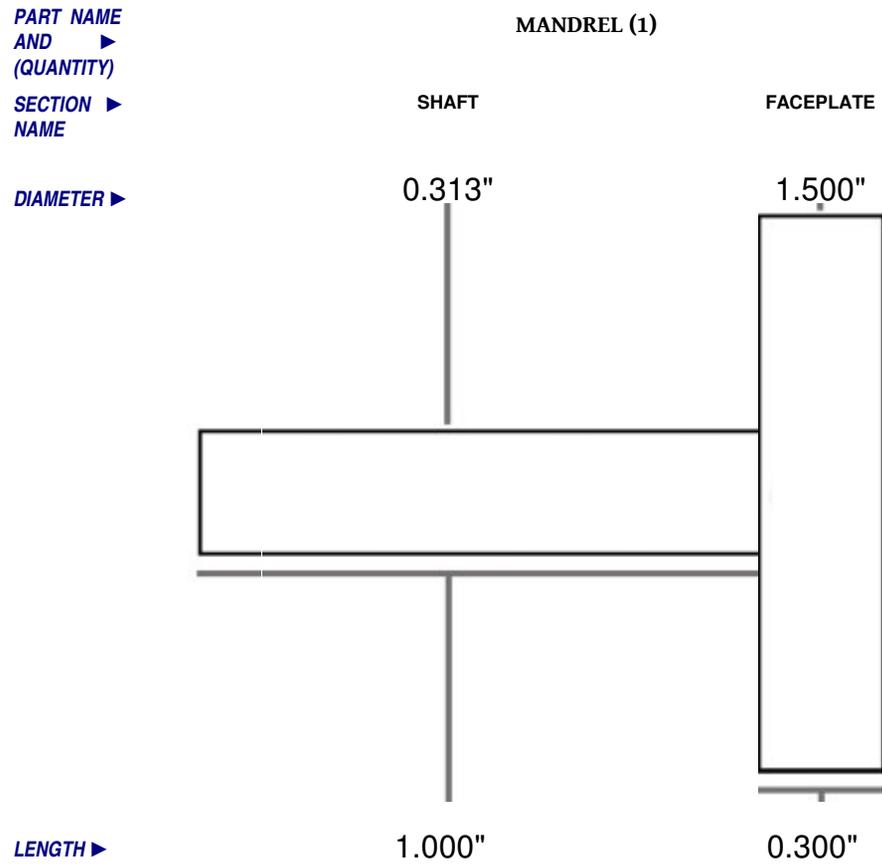
**ID NUMBER** PKDCM150

**TYPE:** DRILL CHUCK MANDREL

**NOTES:** FITS IN HEADSTOCK MOUNTED DRILL CHUCK

**NUMBER OF PARTS** 1

**THRU HOLE** NONE



**ASSOCIATED KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKDCM1916

**TYPE:** DRILL CHUCK MANDREL

**NOTES:** FITS IN HEADSTOCK MOUNTED DRILL CHUCK

**NUMBER OF PARTS** 1

**THRU HOLE** NONE

**PART NAME AND (QUANTITY)**

MANDREL (1)

**SECTION NAME**

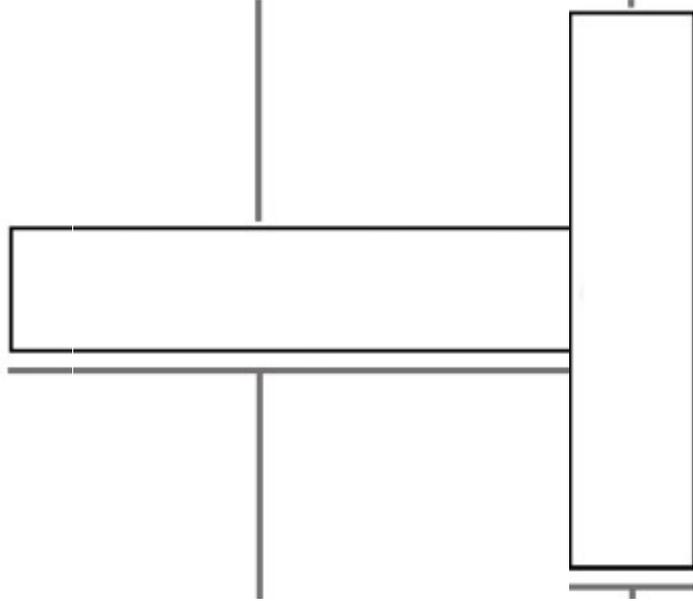
SHAFT

FACEPLATE

**DIAMETER**

0.311"

1.568"



**LENGTH**

1.000"

0.300"

**ASSOCIATED** PKMBX(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKDCM200

**TYPE:** DRILL CHUCK MANDREL

**NOTES:** FITS IN HEADSTOCK MOUNTED DRILL CHUCK

**NUMBER OF PARTS** 1

**THRU HOLE** NONE

**PART NAME AND (QUANTITY)**

CHUCK  
MANDREL (1)

**SECTION NAME**

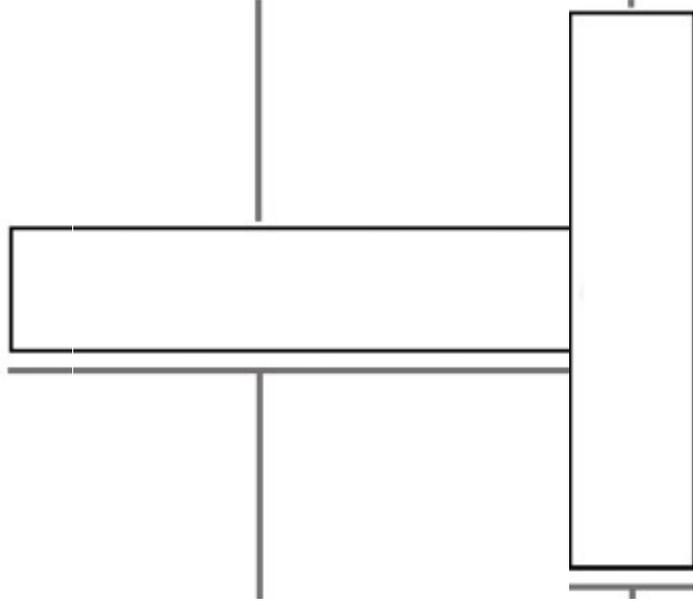
SHAFT

FACEPLATE

**DIAMETER**

0.312"

2.000"



**LENGTH**

1.000"

0.304"

**ASSOCIATED  
KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKDCMBS

**TYPE:** DRILL CHUCK MANDREL

**NOTES:** FITS IN HEADSTOCK MOUNTED DRILL CHUCK

**NUMBER OF PARTS** 1

**THRU HOLE** NONE

**PART NAME  
AND  
(QUANTITY)**

**CHUCK  
MANDREL (1)**

**SECTION  
NAME**

SHAFT

FACEPLATE

**DIAMETER**

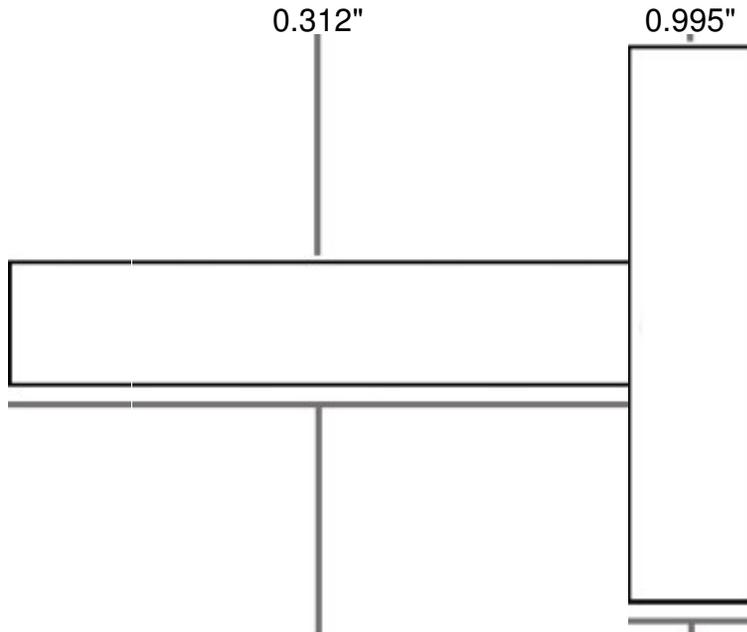
0.312"

0.995"

**LENGTH**

1.000"

0.300"



**ASSOCIATED** BS21(XX), BS22(XX), BS23S(XX), BS24S(XX), PKMGH(XX)

**KITS:**

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**ID NUMBER** PKDCMPT  
**NUMBER OF PARTS** 1  
**THRU HOLE** NONE

**TYPE:** DRILL CHUCK MANDREL

**NOTES:** FITS IN HEADSTOCK MOUNTED DRILL CHUCK

**PART NAME AND (QUANTITY)**

CHUCK  
MANDREL (1)

**SECTION NAME**

SHAFT

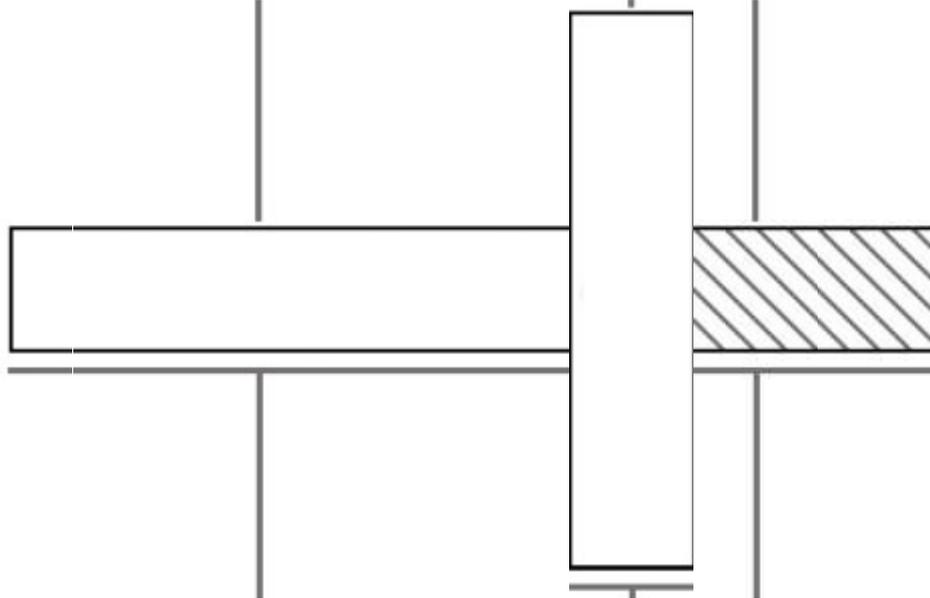
FACEPLATE  
THREADED  
SHAFT  
1/4X20

**DIAMETER**

0.250"

1.040"

0.250"



**LENGTH**

1.000"

0.253"

0.500"

**ASSOCIATED KITS:** PKGRINDPT(XX)

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

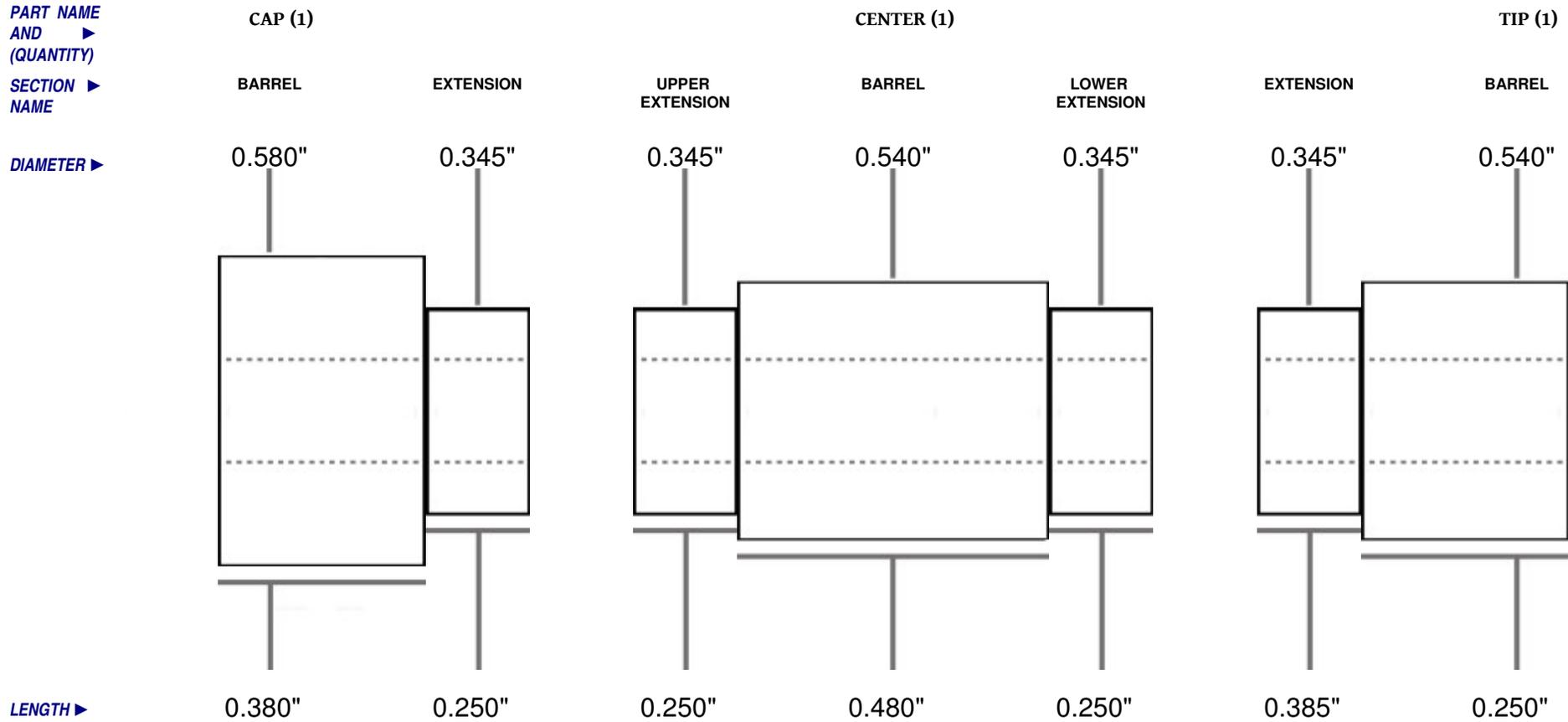
**ID NUMBER** PKDRABU

**TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD (0.248")



**ASSOCIATED** PKDRA(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKDRIP7BU

**TYPE:** BUSHING

**NOTES:** BOTH SIDES HAVE SAME DIAMETERS

**NUMBER OF PARTS** 2

**THRU HOLE** STANDARD (0.248")

**PART NAME  
AND ►  
(QUANTITY)**

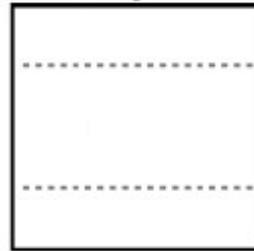
**SECTION ►  
NAME**

**DIAMETER ►**

END  
BUSHINGS (2)

BARREL

0.393"



0.437"

**LENGTH ►**

**ASSOCIATED** PKDRIP7(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKDRIP8BU      **TYPE:** BUSHING

**NOTES:** BOTH SIDES HAVE SAME DIAMETER

**NUMBER OF PARTS** 2

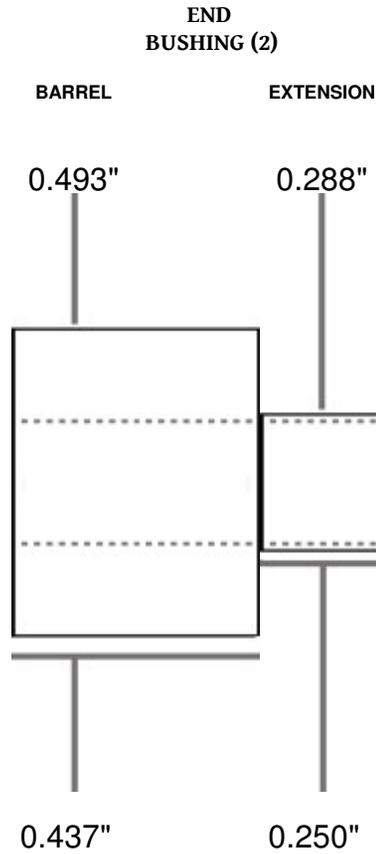
**THRU HOLE** STANDARD (0.248")

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED** PKDRIP8(XX)  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

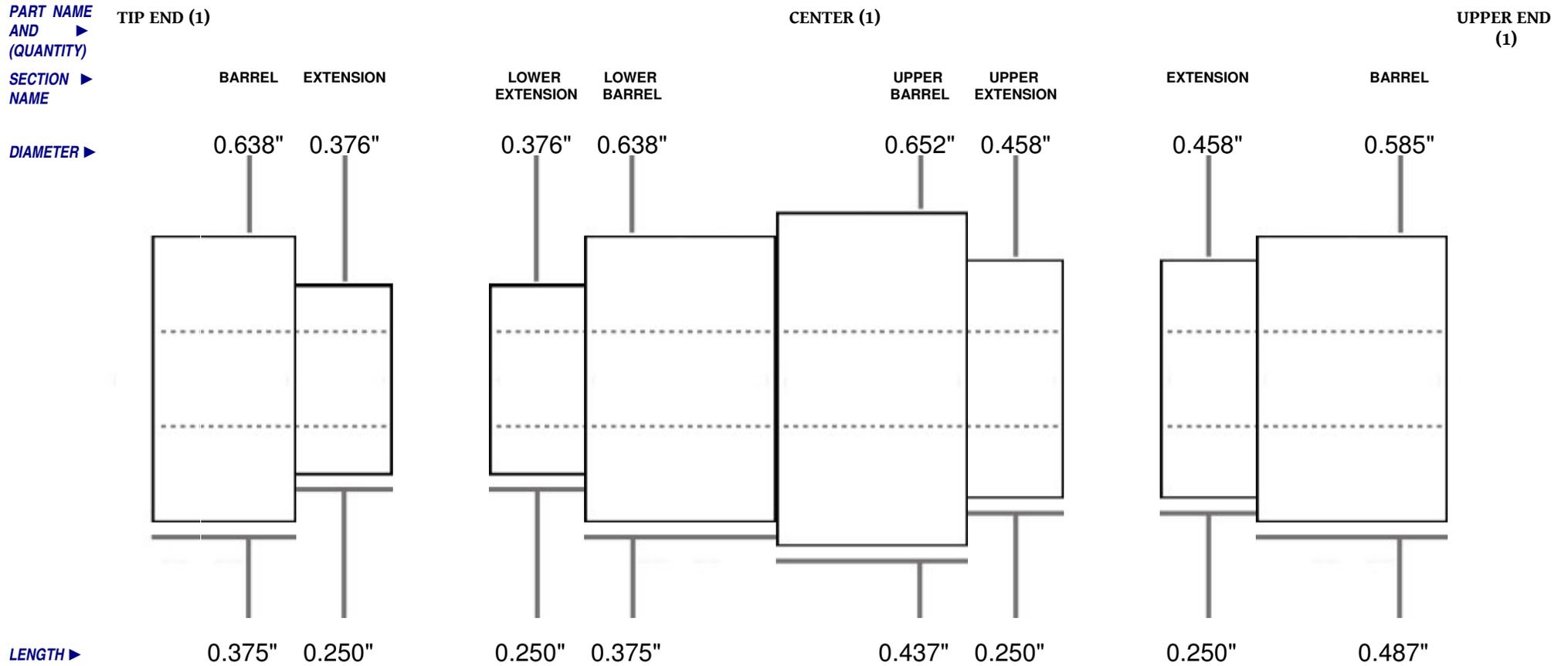
**ID NUMBER** PKDRRBU

**TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD (0.248")



**ASSOCIATED** PKDRR(XX), PKDRF(XX)

**KITS:**

*PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.*

**ID NUMBER** PKDSTYBU      **TYPE:** BUSHING

**NOTES:** ALL THREE PARTS HAVE SAME DIMENSIONS.

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD (0.248")

**PART NAME**  
**AND** ▶  
**(QUANTITY)**

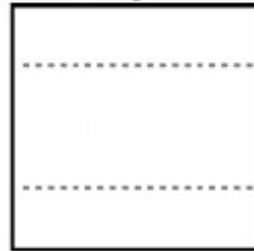
**SECTION** ▶  
**NAME**

**DIAMETER** ▶

CENTER/END  
(3)

BARREL

0.420"



0.375"

**LENGTH** ▶

**ASSOCIATED** PKDSTY(XX)  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKDWBU

**TYPE:** BUSHING

**NOTES:** ALL THREE PARTS THE SAME

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD (0.248")

**PART NAME  
AND ►  
(QUANTITY)**

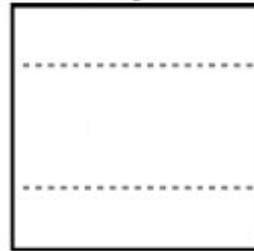
**SECTION ►  
NAME**

**DIAMETER ►**

DINING  
BUSHING (3)

BARREL

0.435"



0.437"

**LENGTH ►**

**ASSOCIATED** PKDWE(XX), PKDWF(XX), PKDWG(XX), PKDWH(XX), PKDWK(XX), PKDWL(XX), PKDWJ(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKEXEC-BU      **TYPE:** BUSHING

**NOTES:** BOTH SIDES HAVE SAME DIMENSION

**NUMBER OF PARTS** 2

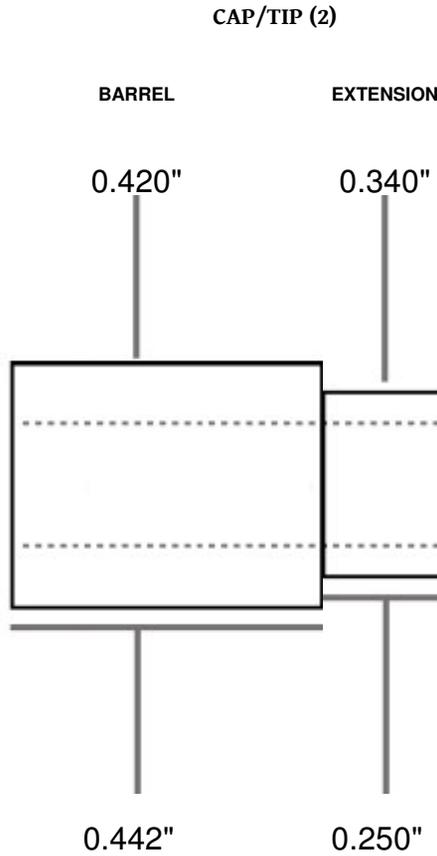
**THRU HOLE** STANDARD(0.248")

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED** PKBFPCLCH(XX), PKEXEC-PCL(XX), PKEXEC-PEN(XX), PKEXECST(XX), MCM-EX(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

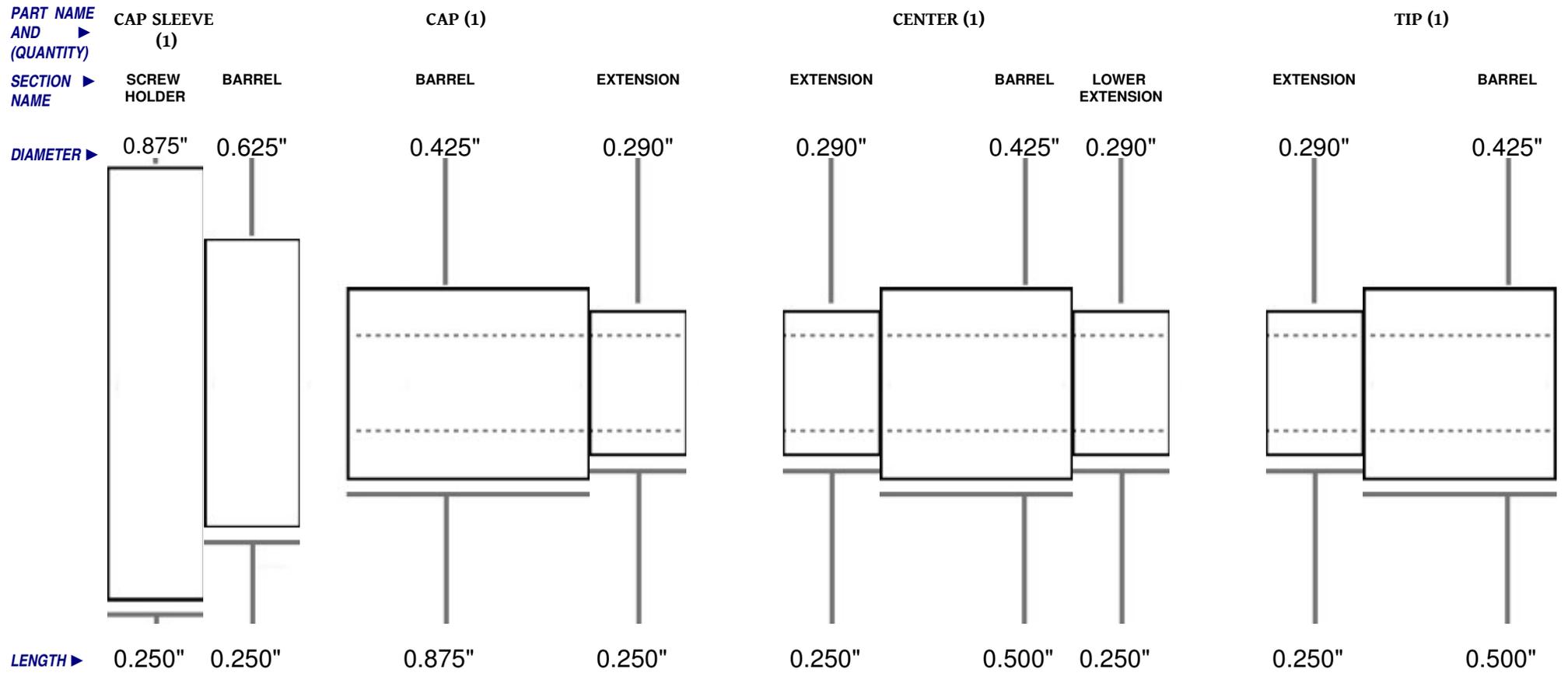
**ID NUMBER PKEZBU**

**TYPE: BUSHING**

**NOTES:**

**NUMBER OF PARTS 4**

**THRU HOLE STANDARD (0.248')**



**ASSOCIATED PKEZPEN(XX)**  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKFCBU  
**NUMBER OF PARTS** 3

**TYPE:** BUSHING

**NOTES:** END BUSHINGS HAVE SAME DIMENSION. COMES WITH TRIM SLEEVE.

**THRU HOLE** STANDARD (0.248") ON BUSHINGS .355" ON TRIM SLEEVE

**PART NAME AND (QUANTITY)**

END BUSHINGS (2)

TRIM SLEEVE (1)

**SECTION NAME**

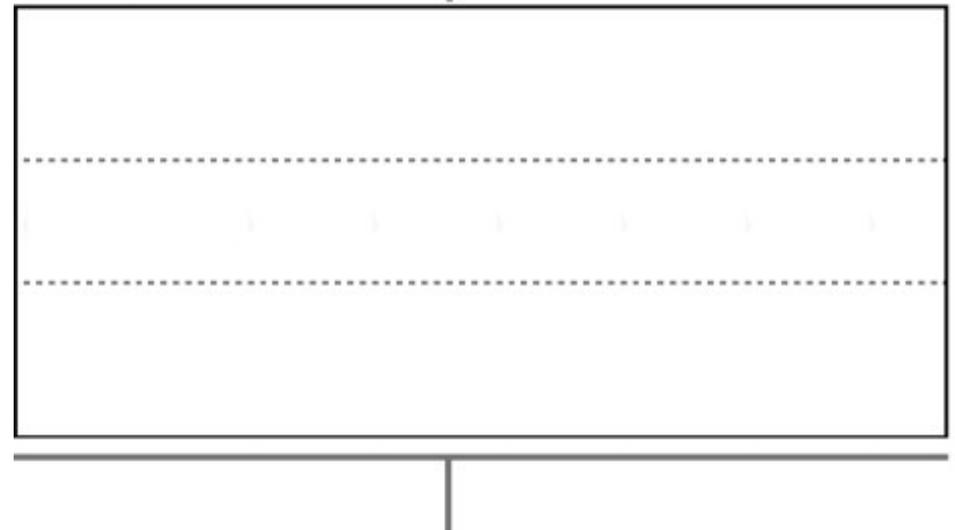
BARREL EXTENSION

OUTER DIAMETER

**DIAMETER**

0.800" 0.658"

0.655"



**LENGTH**

0.350" 0.250"

1.375"

**ASSOCIATED KITS:** PKFC(XX)

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKFEDBU

**TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 2

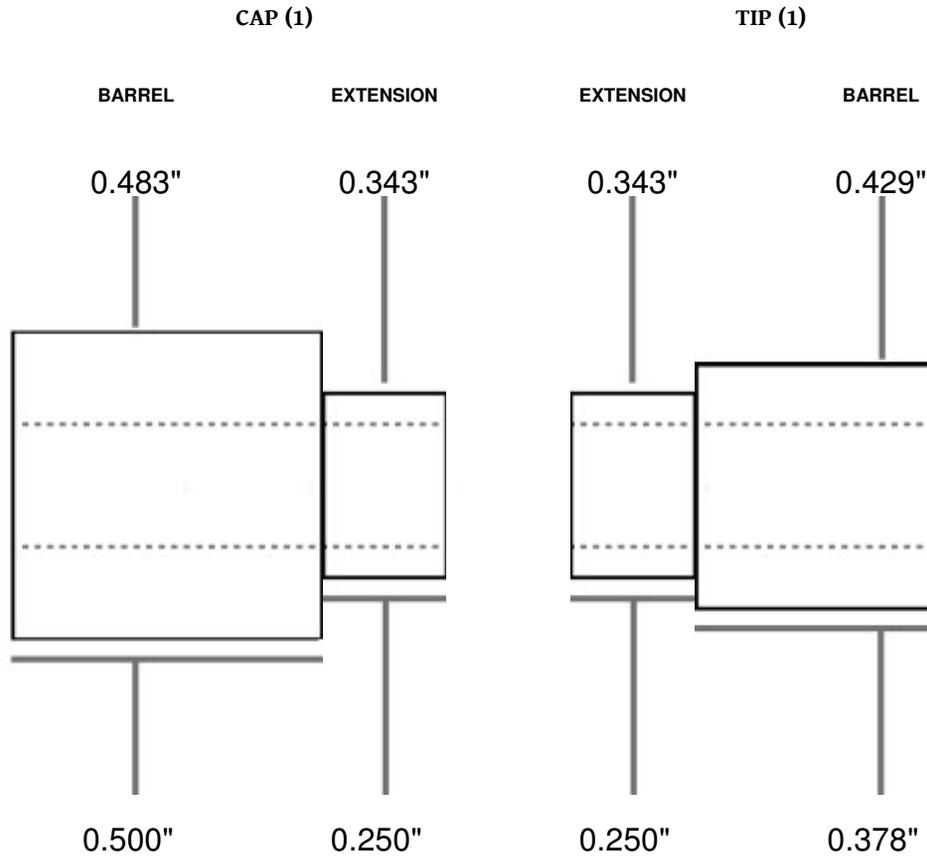
**THRU HOLE** STANDARD (0.248")

**PART NAME AND QUANTITY**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED** PKFED(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKFP5000BU      **TYPE:** BUSHING

**NOTES:** BOTH SIDES ARE THE SAME DIMENSION

**NUMBER OF PARTS** 2

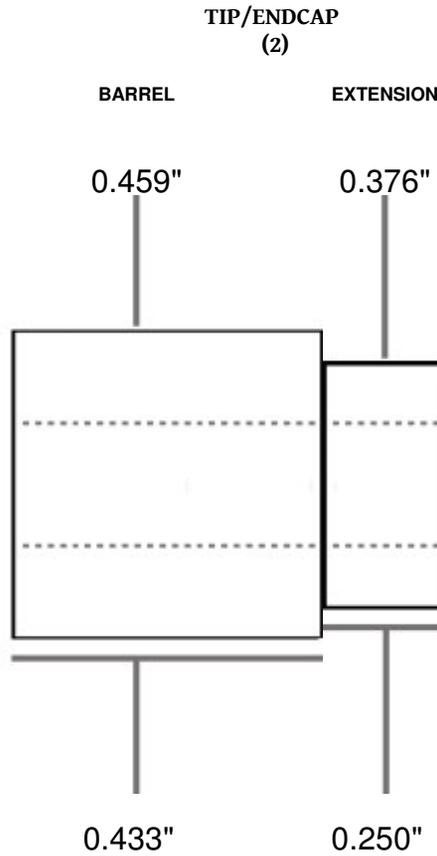
**THRU HOLE** STANDARD(0.248")

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED** PKFP50(XX), PKFP51(XX)  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKFPBU

**TYPE:** BUSHING

**NOTES:** BOTH SIDES ARE THE SAME

**NUMBER OF PARTS** 2

**THRU HOLE** STANDARD(0.248")

**PART NAME  
AND ►  
(QUANTITY)**

**SECTION ►  
NAME**

**DIAMETER ►**

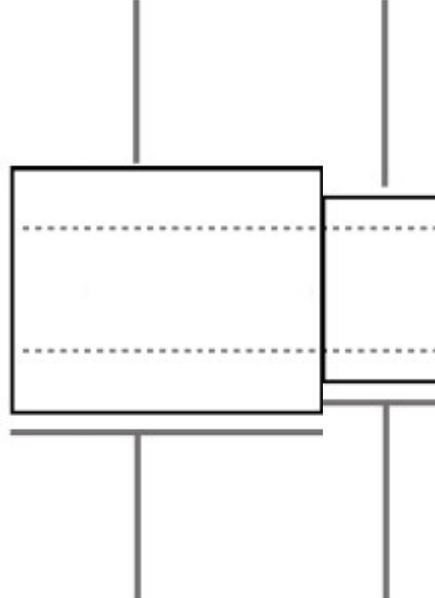
CAP/TIP (2)

BARREL

EXTENSION

0.433"

0.344"



0.440"

0.250"

**LENGTH ►**

**ASSOCIATED** PKFLIP2(XX), PKFP40(XX), PKFP41(XX), PKMPL(XX)

**KITS:**

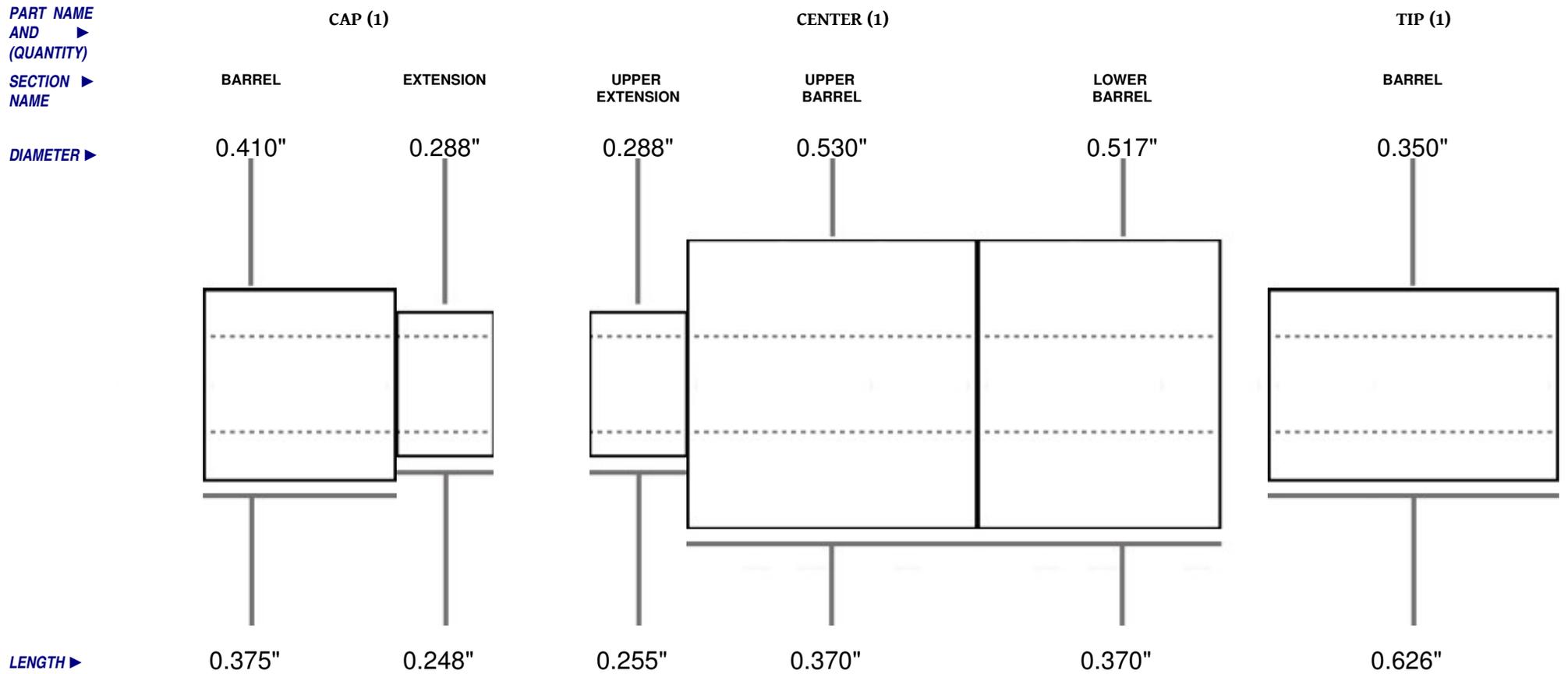
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKFPENBU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKFPEN(XX)  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKGABTS

**TYPE:** TRIMMING SLEEVE

**NOTES:** FITS STANDARD TUBES SIZED 27/64"

**NUMBER OF PARTS** 1

**THRU HOLE** 7MM TRIMMER SHAFT

**PART NAME  
AND ►  
(QUANTITY)**

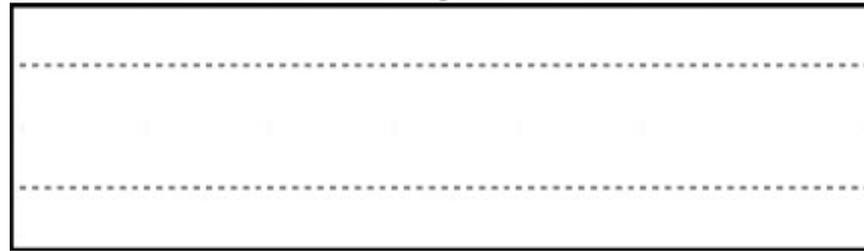
TRIMMER  
SLEEVE (1)

**SECTION ►  
NAME**

BARREL

**DIAMETER ►**

0.385"



**LENGTH ►**

2.128"

**ASSOCIATED  
KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKGABU

**TYPE:** BUSHING

**NOTES:** BOTH BUSHINGS SAME SIZE

**NUMBER OF PARTS** 2

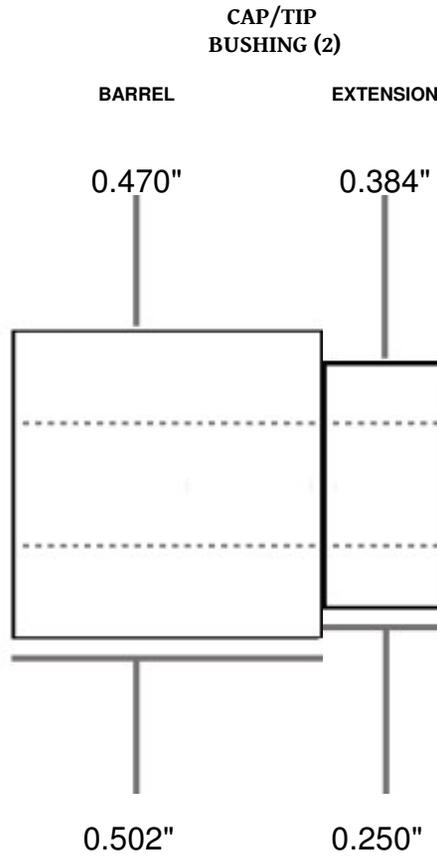
**THRU HOLE** STANDARD(0.248")

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED** PKBROCK(XX), PKGA(XX), PKGAPEN(XX), PKGAPENC(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKGAFBU

**TYPE:** BUSHING

**NOTES:** CAP AND TIP BUSHINGS ARE THE SAME

**NUMBER OF PARTS** 2

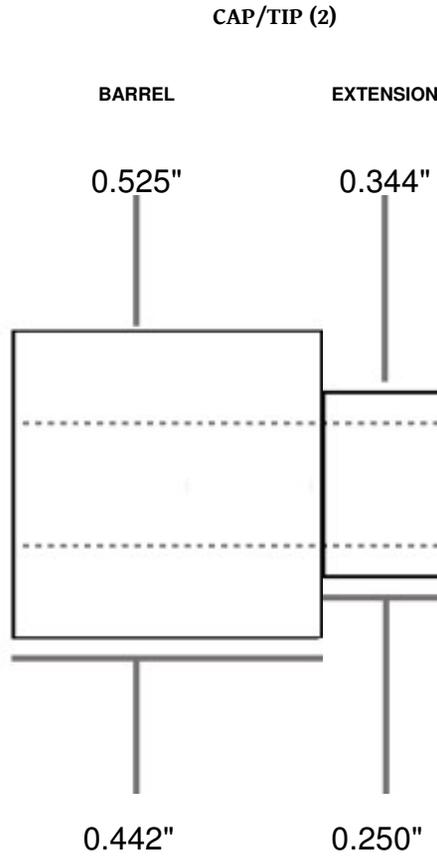
**THRU HOLE** STANDARD(0.248")

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED** PKCPEN(XX), PKGAF(XX), PKMTAG(XX), PKSKEY(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKGDJRBU      **TYPE:** BUSHING

**NOTES:** BOTH PARTS SAME DIMENSION

**NUMBER OF PARTS** 2

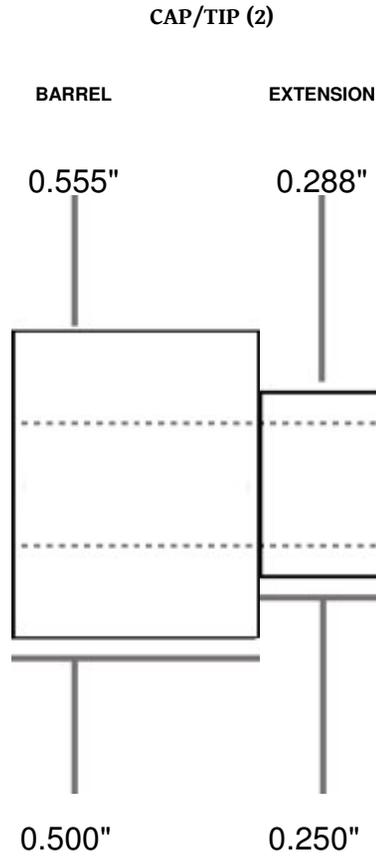
**THRU HOLE** STANDARD (0.248")

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED KITS:** PKGDJR(XX)

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKGDPENBU      **TYPE:** BUSHING

**NOTES:** BOTH END BUSHINGS HAVE SAME DIMENSION

**NUMBER OF PARTS** 2

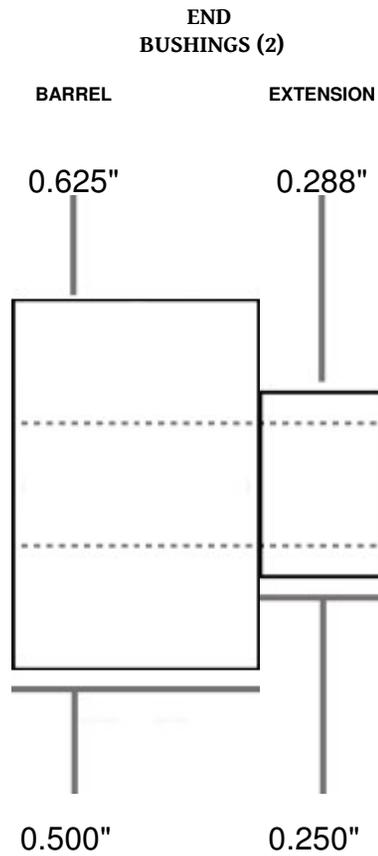
**THRU HOLE** STANDARD(0.248")

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED KITS:** PKGDPEN(XX)

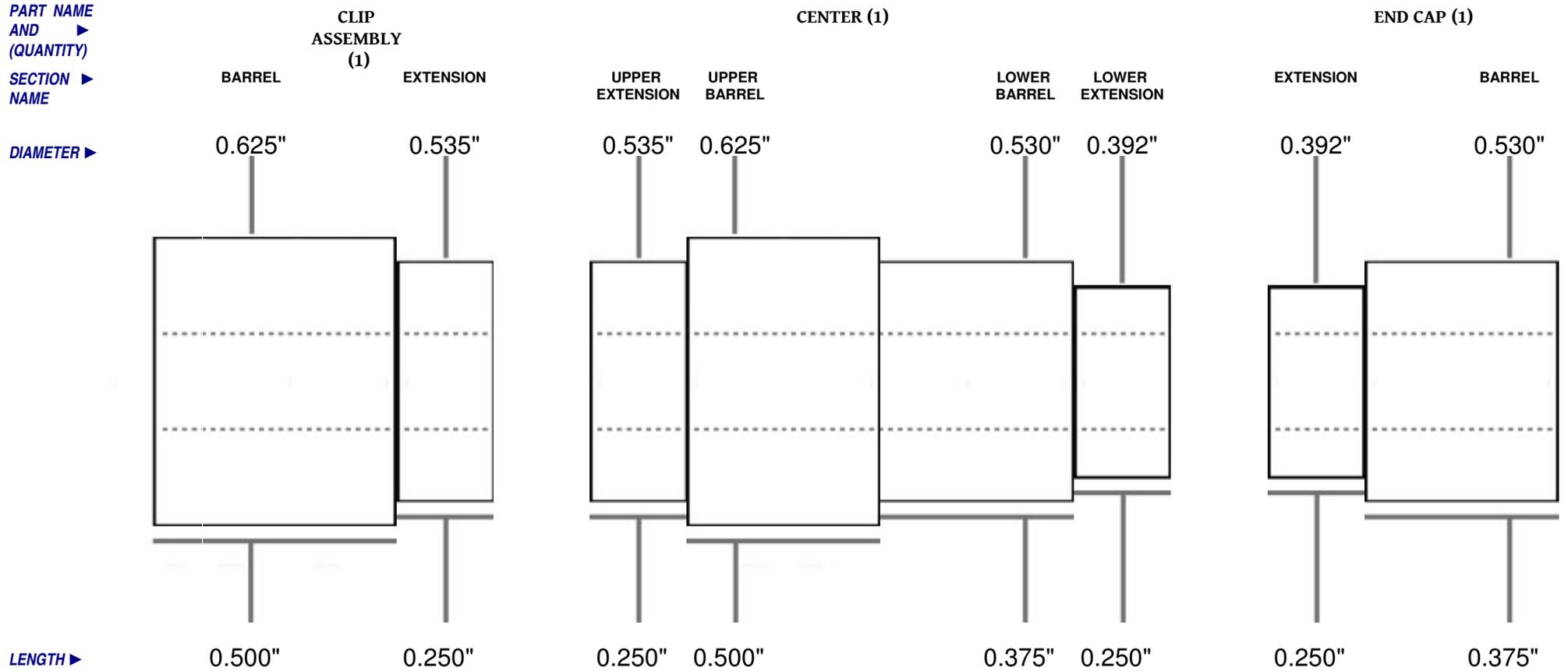
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKGDRBBU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKGDRB(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKGDRBTS      **TYPE:** TRIMMING SLEEVE

**NOTES:** FITS STANDARD TUBES SIZED 9/16" (UPPER) AND 27/64" (LOWER)

**NUMBER OF PARTS** 2

**THRU HOLE** 7MM TRIMMER SHAFT

**PART NAME AND (QUANTITY)**

UPPER SLEEVE (1)

LOWER SLEEVE (1)

**SECTION NAME**

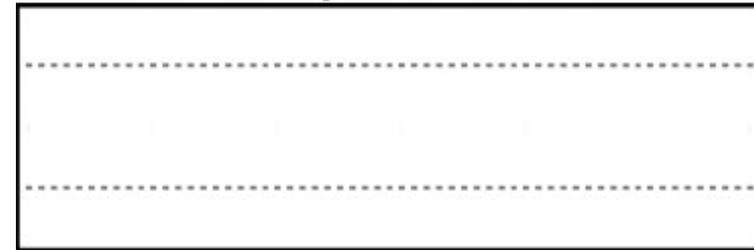
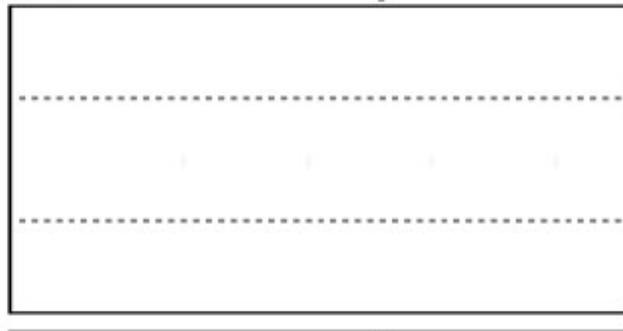
EXTENSION

EXTENSION

**DIAMETER**

0.533"

0.389"



**LENGTH**

1.250"

1.626"

**ASSOCIATED KITS:**

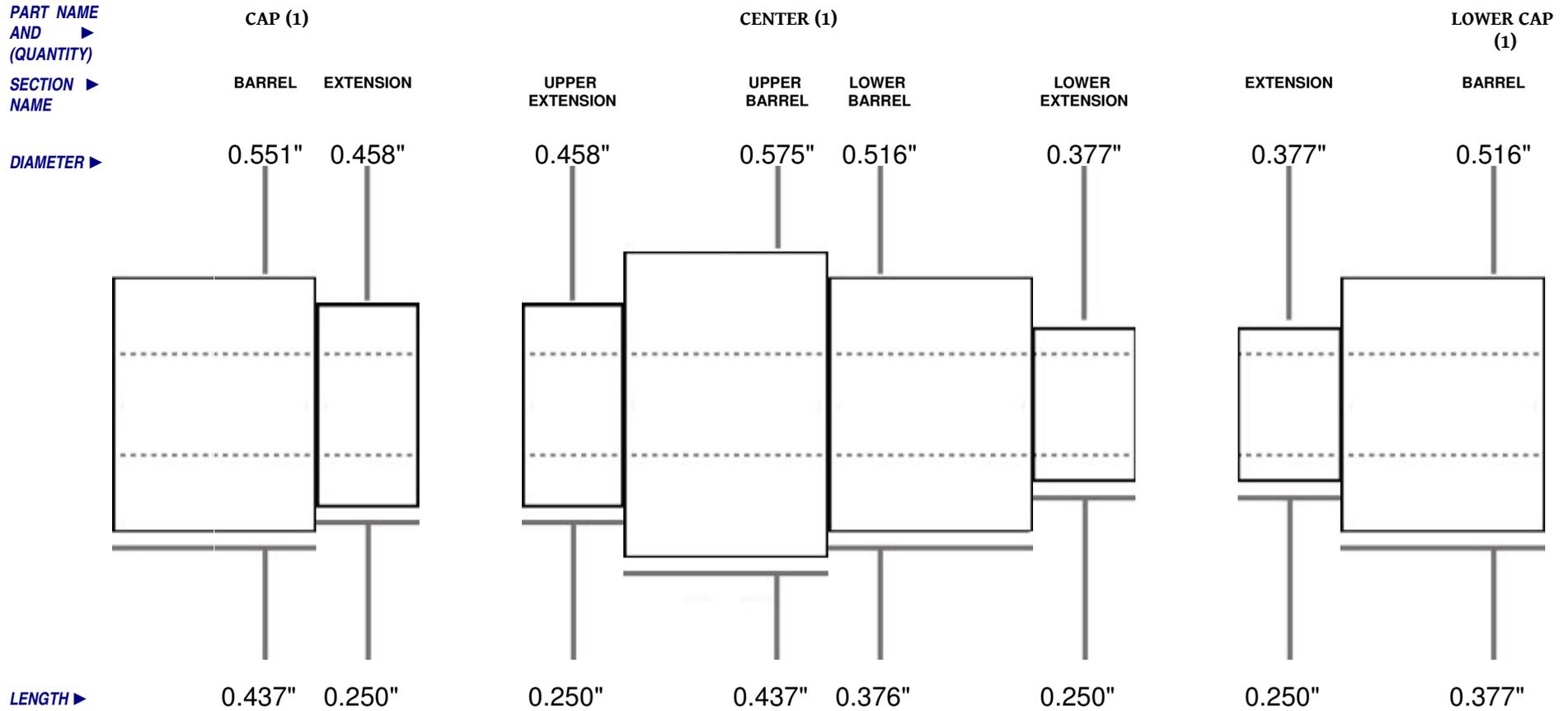
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKGRAD2BU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKFP55(XX), PKFP56(XX), PKGRAF(XX), PKGRAR(XX)

**KITS:**

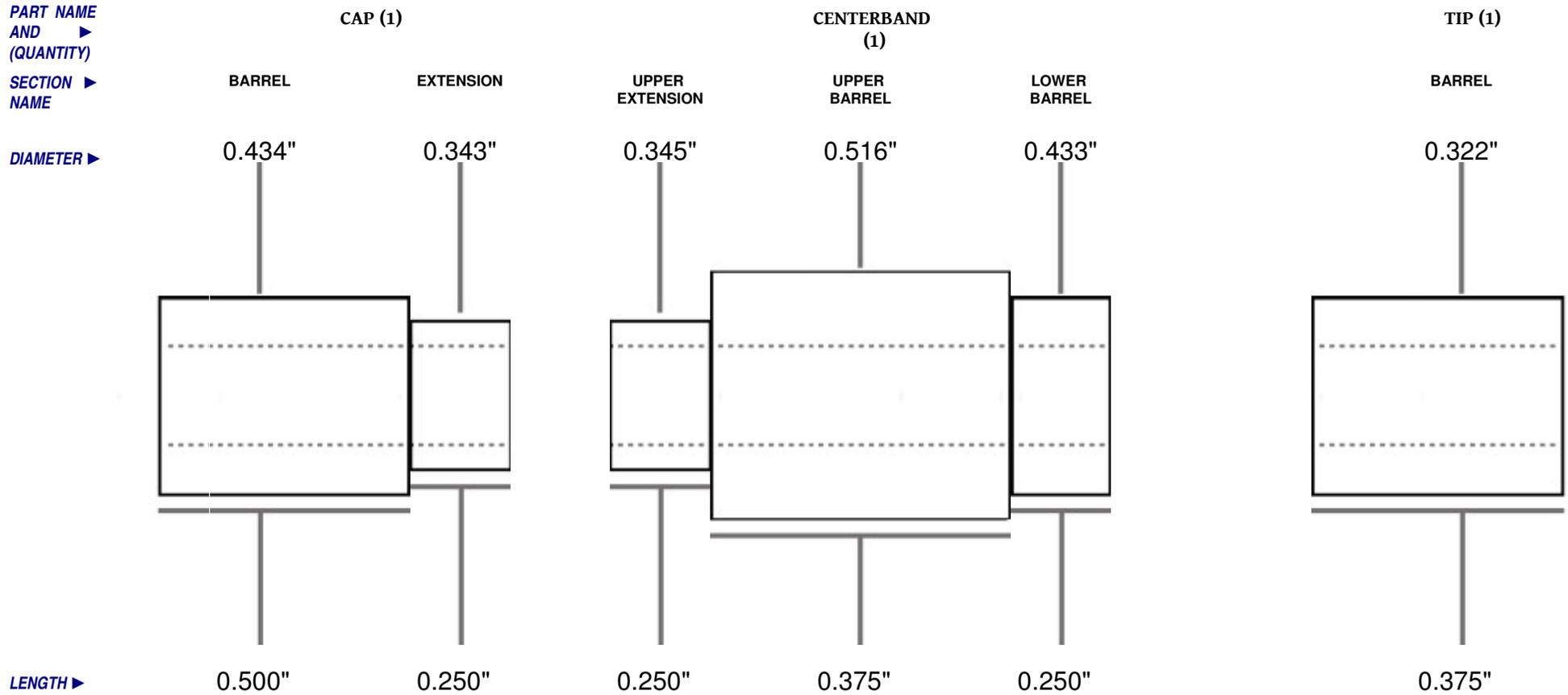
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKGRADBU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKGRAD(XX)

**KITS:**

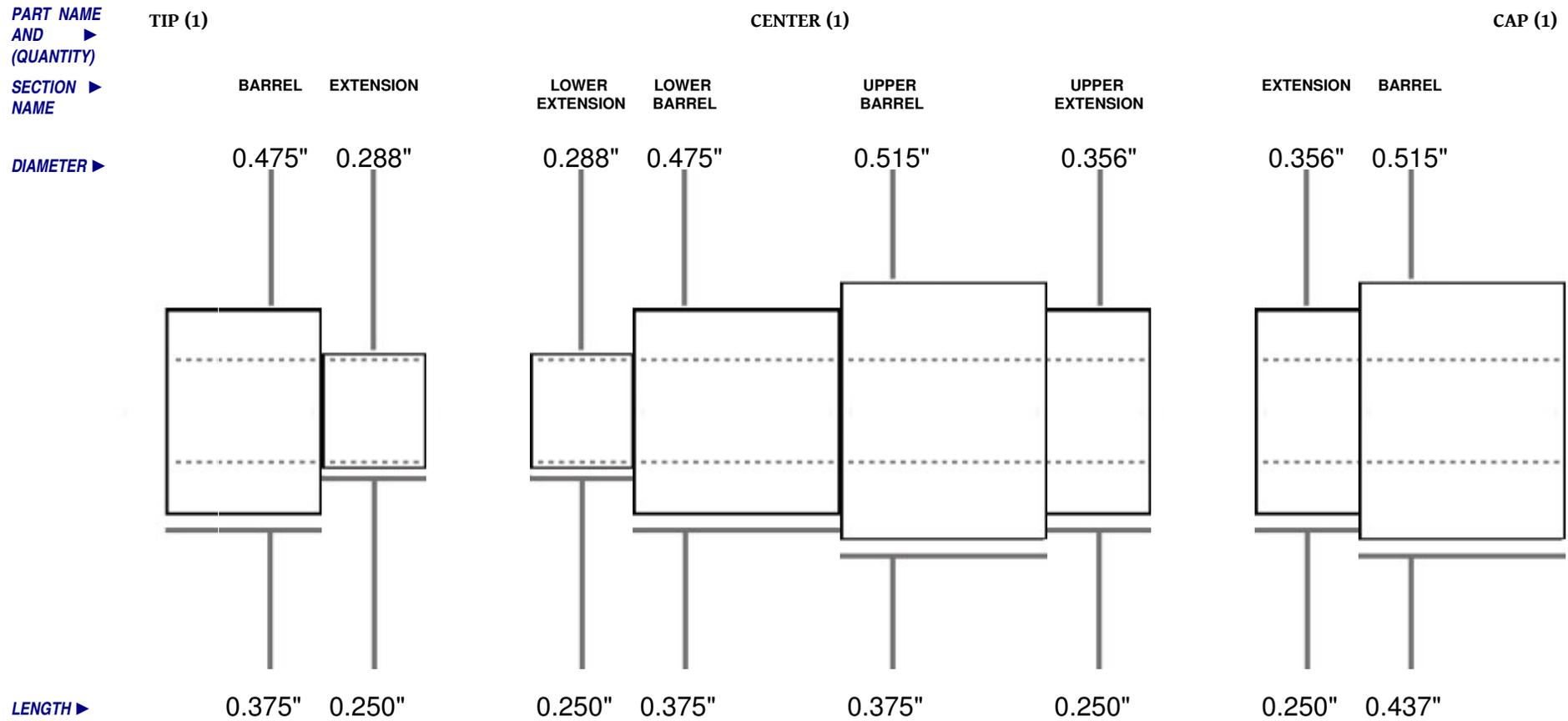
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKGRAPBU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD (0.248")



**ASSOCIATED** PKGRAP(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKGRENBU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 2

**THRU HOLE** STANDARD (0.248")

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**

CAP (1)

TIP (1)

BARREL

EXTENSION

EXTENSION

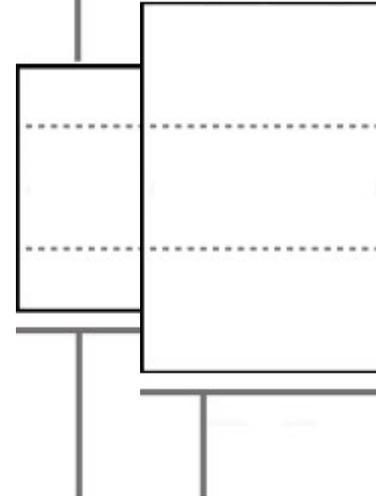
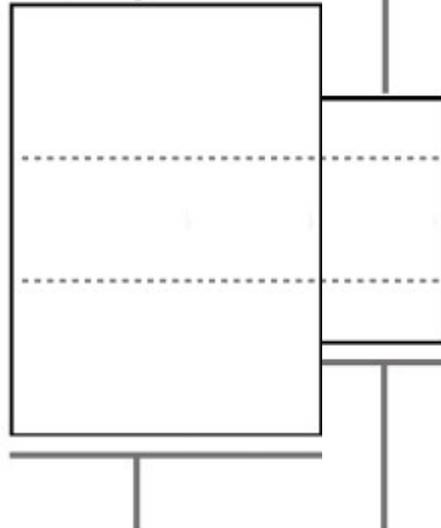
BARREL

0.650"

0.360"

0.360"

0.570"



0.500"

0.250"

0.250"

0.378"

**ASSOCIATED** PKGREN(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKGRIND7BU      **TYPE:** BUSHING

**NUMBER OF PARTS** 2

**THRU HOLE** STANDARD (0.248")

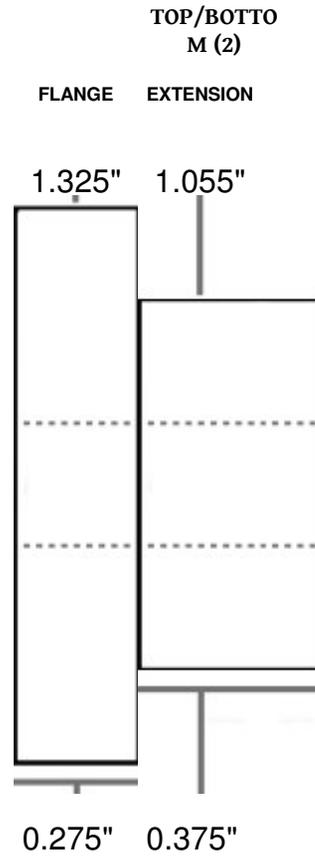
**NOTES: TOP AND BOTTOM SAME DIMENSION. FLANGE DIMENSION DOES NOT NEED TO BE EXACT AS IT ONLY FUNCTIONS TO HOLD THE PIECE BETWEEN CENTERS.**

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED** PKGRIND7(BC)(XX)

**KITS:**

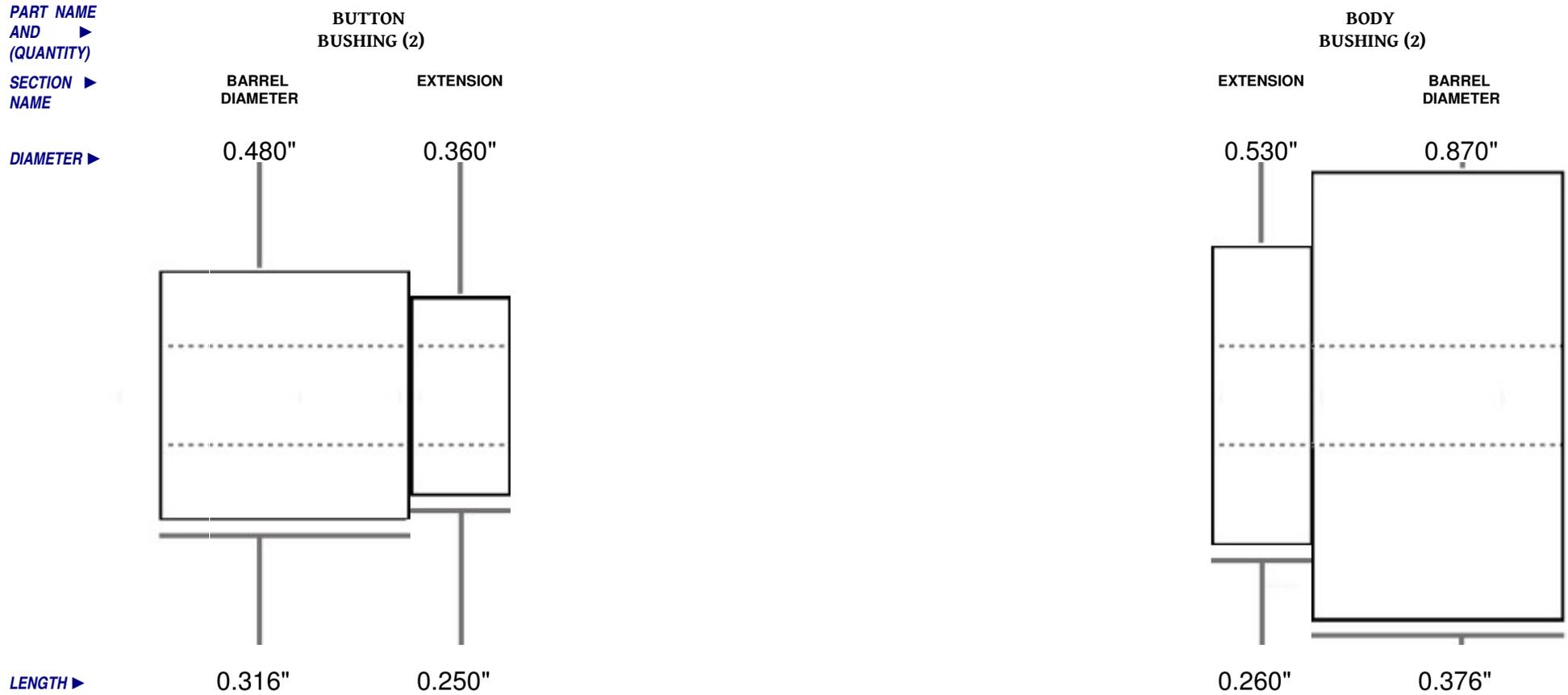
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKGRIND8BU      **TYPE:** BUSHING

**NOTES:** THERE ARE TWO BUSHINGS OF EACH SIZE

**NUMBER OF PARTS** 4

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKGRIND8(XX)  
**KITS:**

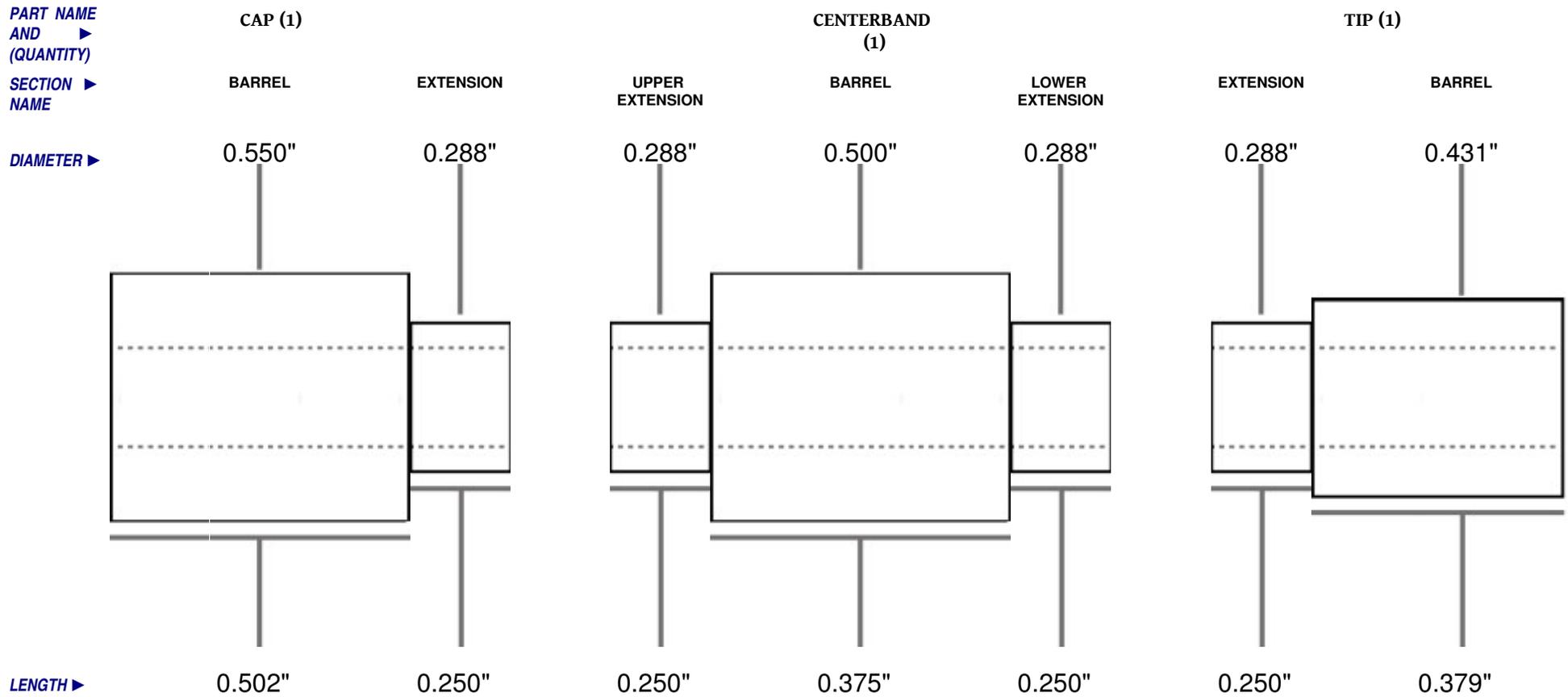
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKHPENBU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKHPEN(XX)  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

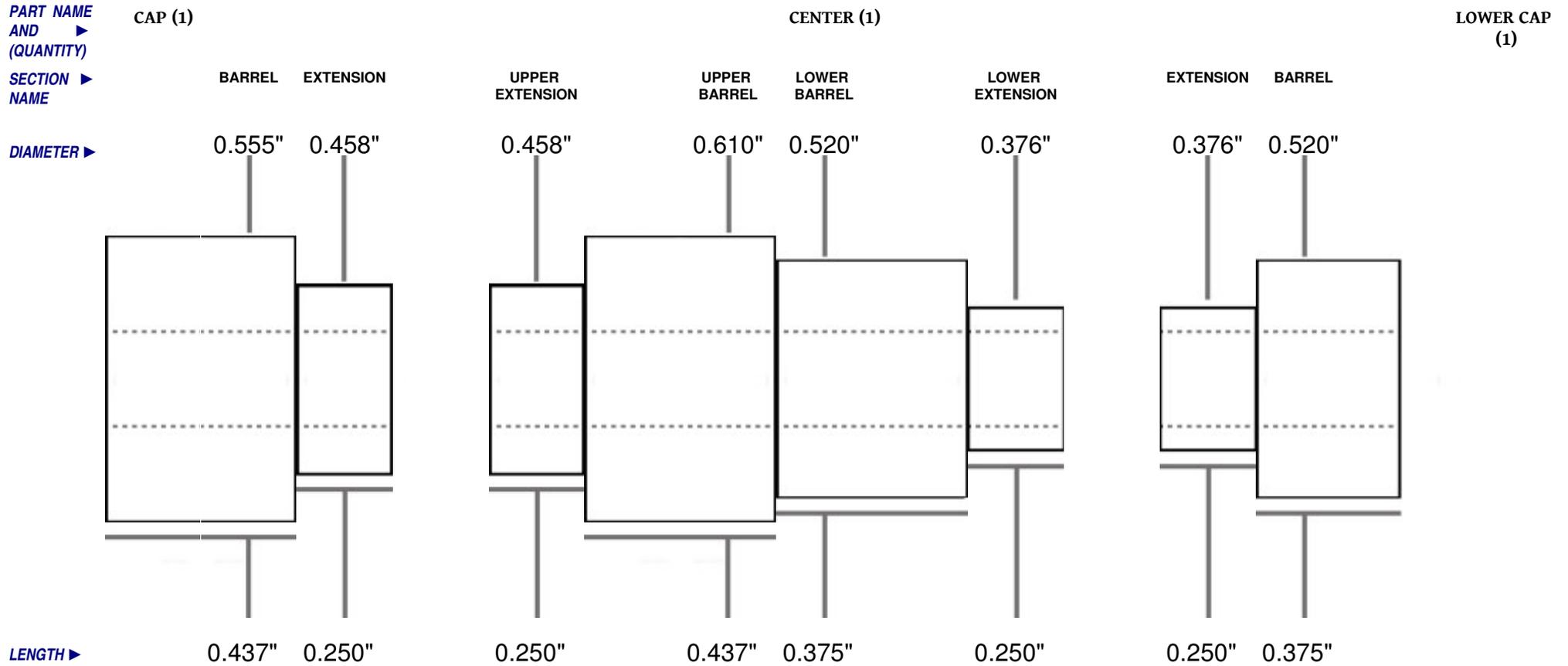
**ID NUMBER** PKHPRBU

**TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD (0.248')



**ASSOCIATED** PKHPER(XX), PKHPEF(XX)  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKISCOOPBU      **TYPE:** BUSHING

**NOTES:** BOTH BUSHINGS HAVE SAME DIMENSIONS

**NUMBER OF PARTS** 2

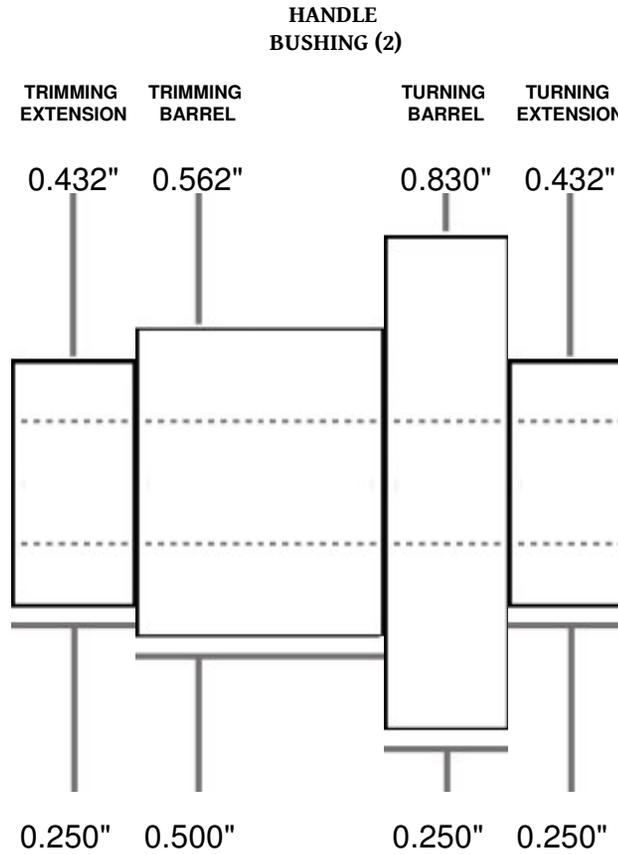
**THRU HOLE** STANDARD(0.248")

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED** PKISCOOP(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKJPENBU

**TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 2

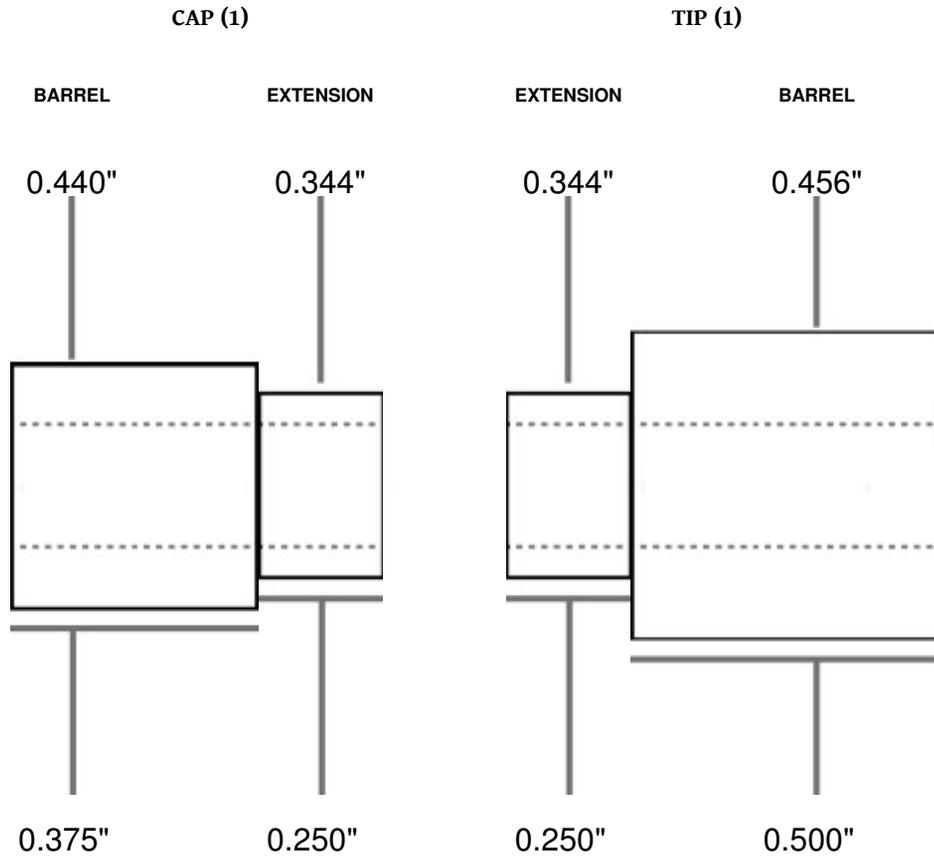
**THRU HOLE** STANDARD(0.248")

**PART NAME AND QUANTITY**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED** PKJPEN(XX), PKL70(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKKNBU

**TYPE:** BUSHING

**NOTES:** BOTH SIDES HAVE SAME DIMENSION

**NUMBER OF PARTS** 2

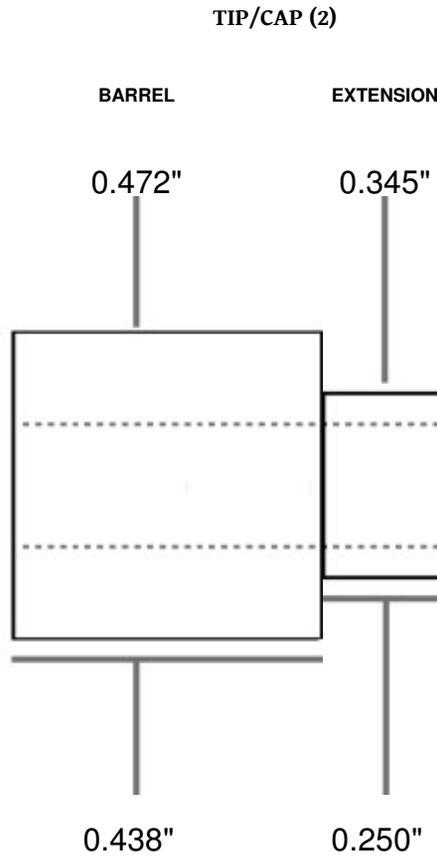
**THRU HOLE** STANDARD(0.248")

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED** PKKN(XX), PKKNST(XX), PKTUD(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKL750BU

**TYPE:** BUSHING

**NOTES:** CAP AND TIP BUSHINGS ARE THE SAME DIMENSION

**NUMBER OF PARTS** 2

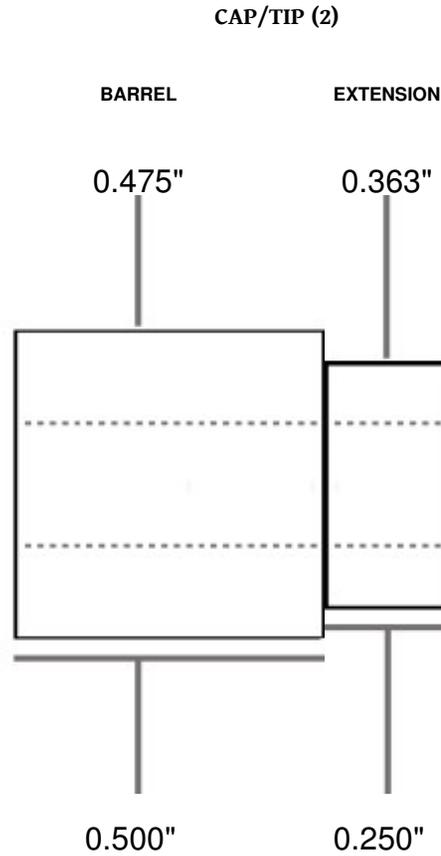
**THRU HOLE** STANDARD(0.248")

**PART NAME  
AND ►  
(QUANTITY)**

**SECTION ►  
NAME**

**DIAMETER ►**

**LENGTH ►**



**ASSOCIATED** PKL75(XX)  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKL760BU

**TYPE:** BUSHING

**NOTES:** BOTH BUSHINGS SAME DIMENSION

**NUMBER OF PARTS** 2

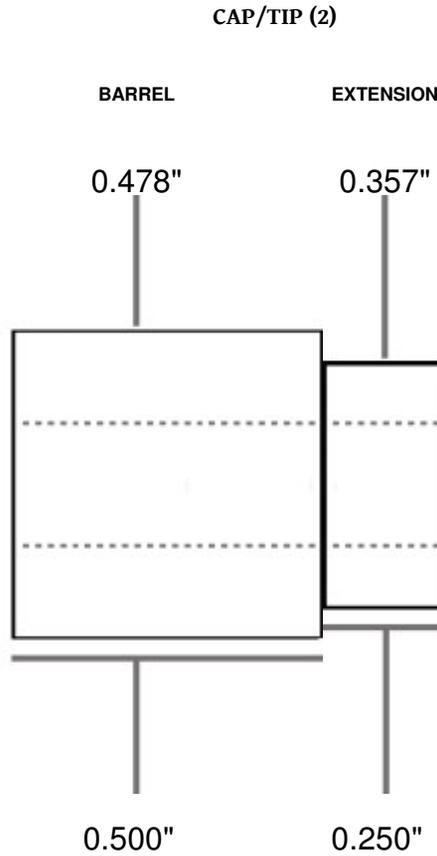
**THRU HOLE** STANDARD (0.248")

**PART NAME  
AND ►  
(QUANTITY)**

**SECTION ►  
NAME**

**DIAMETER ►**

**LENGTH ►**



**ASSOCIATED** PKL76(XX)

**KITS:**

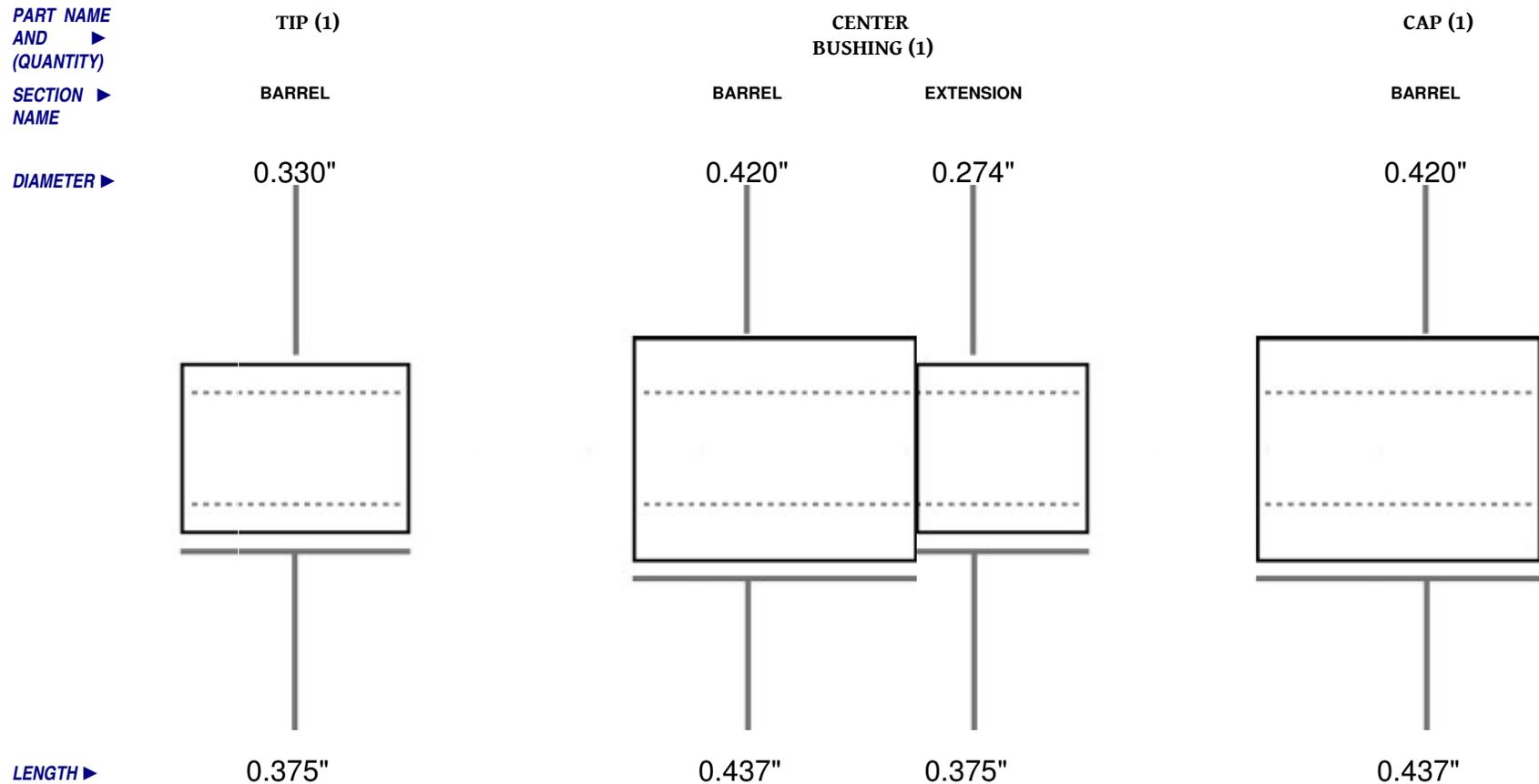
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKLONGBU      **TYPE:** BUSHING

**NOTES:** USE TUIP BUSHING ONLY IF RUBBER GRIP IS NOT USED. CENTER BUSHING HAS EXTENSION BECAUSE FRONT HALF OF UPPER BARREL HAS NO TUBE.

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKLONGPCL(XX), PKLONGPEN(XX)  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKLPULLFBU      **TYPE:** BUSHING

**NOTES:** BOTH SIDES SAME DIAMETERS

**NUMBER OF PARTS** 2

**THRU HOLE** STANDARD (0.248')

**PART NAME  
AND ►  
(QUANTITY)**

**SECTION ►  
NAME**

**DIAMETER ►**

**END  
BUSHING (2)**

**BARREL**

0.485"



**LENGTH ►**

0.437"

**ASSOCIATED** PKLPULLF(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER PKLSBU TYPE: BUSHING**

**NOTES: SLEEVE FITS ON 7MM TRIMMER SHAFT. END BUSHINGS HAVE SAME DIMENSIONS**

**NUMBER OF PARTS 4**

**THRU HOLE STANDARD (0.248")**

**PART NAME AND (QUANTITY)**

**SLEEVE (1)**

**END BUSHING (2)**

**CENTERBAND (1)**

**SECTION NAME**

**OUTER DIAMETER**

**BARREL**

**EXTENSION**

**UPPER EXTENSION**

**BARREL**

**LOWER EXTENSION**

**DIAMETER**

0.460"

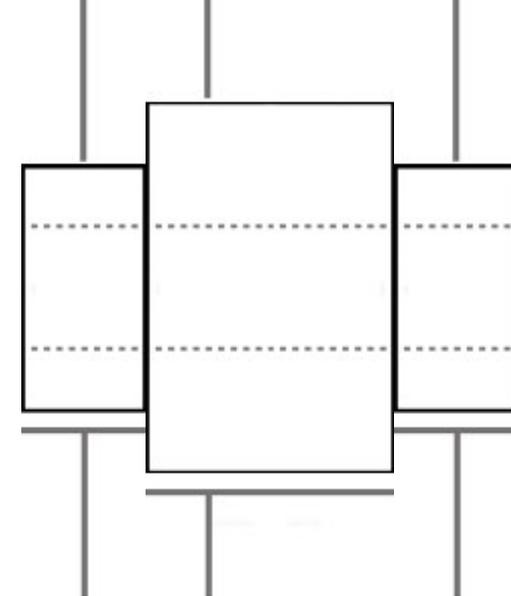
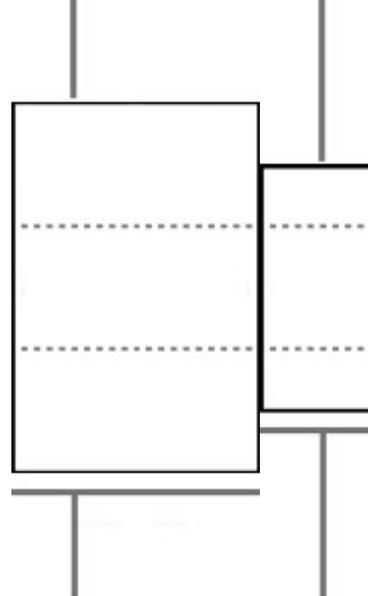
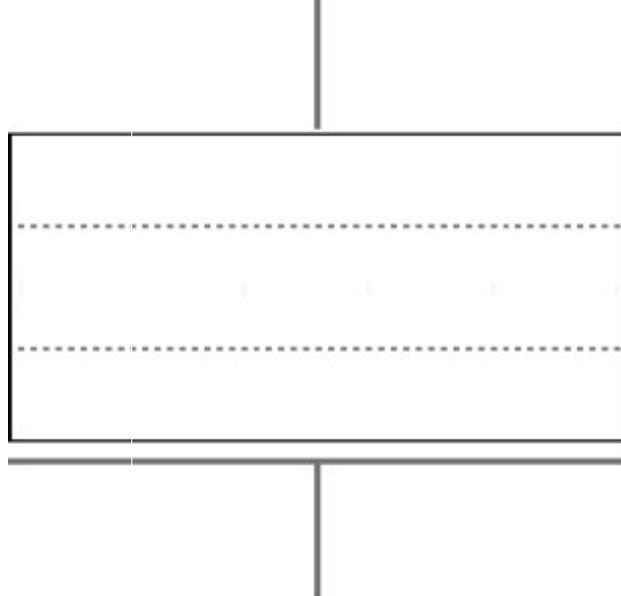
0.623"

0.458"

0.458"

0.623"

0.458"



**LENGTH**

1.250"

0.375"

0.250"

0.250"

0.375"

0.250"

**ASSOCIATED PKLSPEN(XX)**

**KITS:**

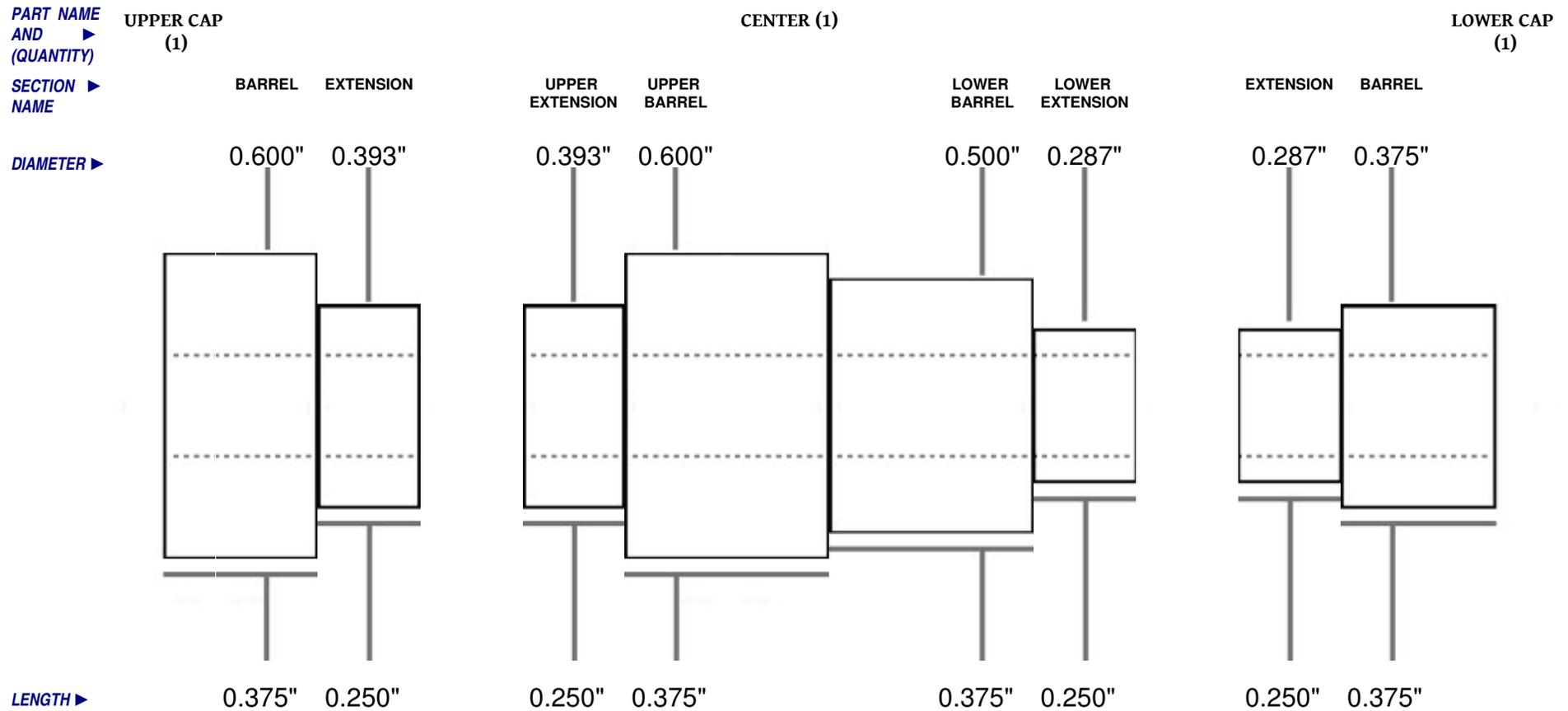
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKMAGNECBU     **TYPE:** BUSHING

**NOTES:** PEN CENTER BUSHING IS LARGER THAN THE PEN TIP BASE.

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD (0.248")



**ASSOCIATED** PKFNEC(XX), PKMAGNEC(XX)  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKMAJBTS      **TYPE:** TRIMMING SLEEVE

**NOTES:** FITS STANDARD TUBES SIZED 37/64" (UPPER) AND 15/32" (LOWER)

**NUMBER OF PARTS** 2

**THRU HOLE** 3/8" TRIMMING SHAFT

**PART NAME AND (QUANTITY)**

UPPER (1)

LOWER (1)

**SECTION NAME**

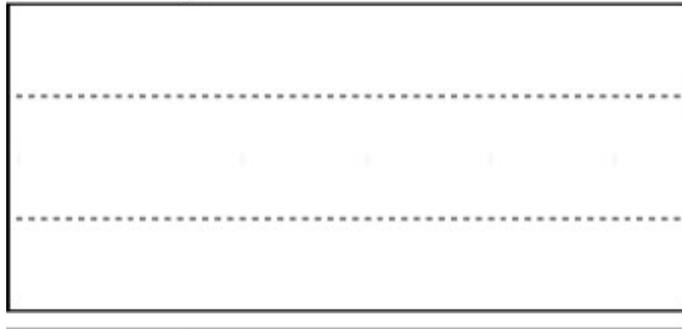
SLEEVE

SLEEVE

**DIAMETER**

0.546"

0.427"



**LENGTH**

1.877"

2.000"

**ASSOCIATED KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

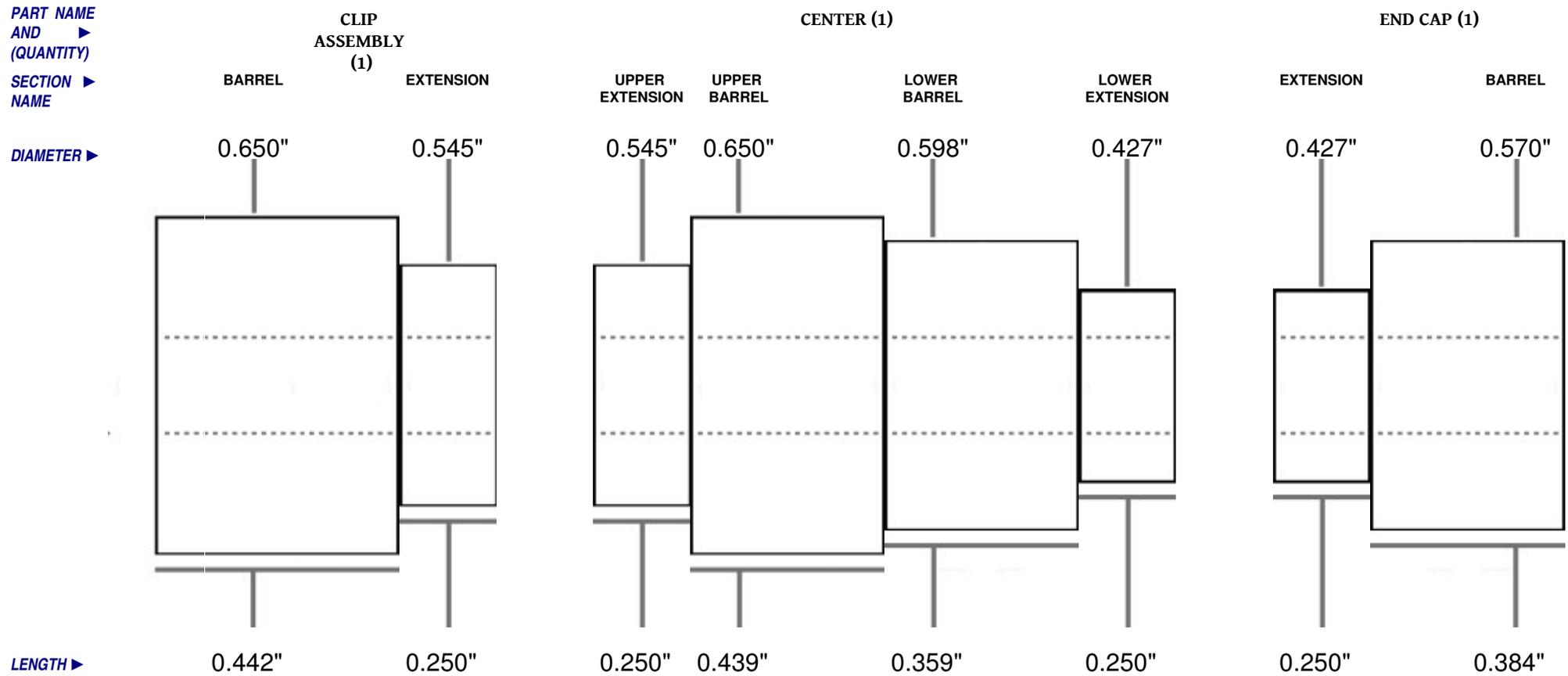
**ID NUMBER** PKMAJBU

**TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKMAF(XX), PKMAJ(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKMAJJRBT5      **TYPE:** TRIMMING SLEEVE

**NOTES:** FITS STANDARD TUBES SIZED 12.5MM (UPPER) AND 10.5MM (LOWER)

**NUMBER OF PARTS** 2

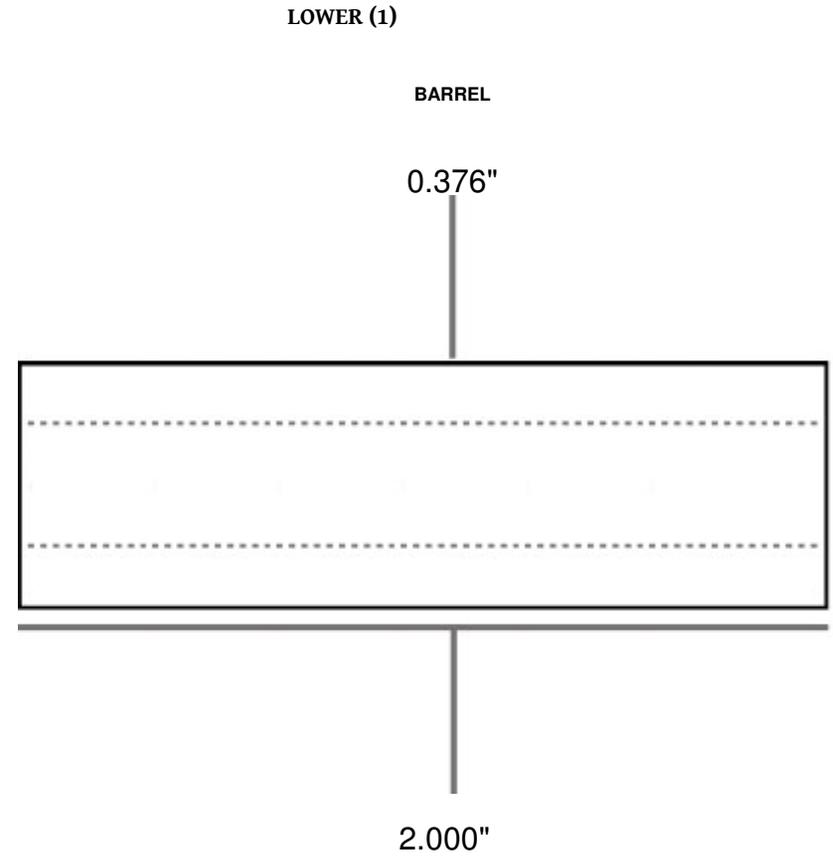
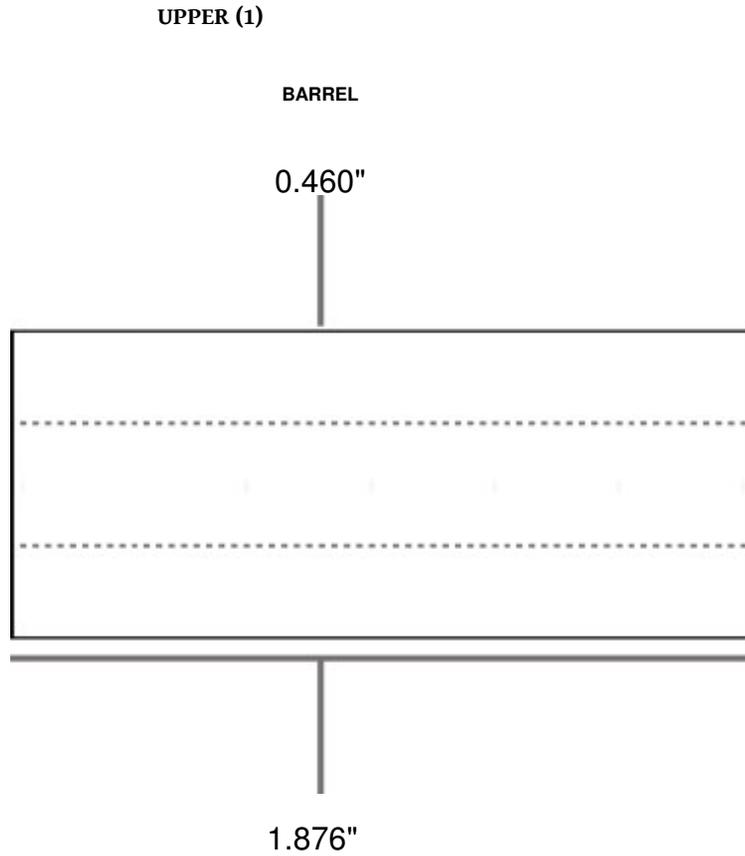
**THRU HOLE** 7MM TRIMMER SHAFT

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED KITS:**

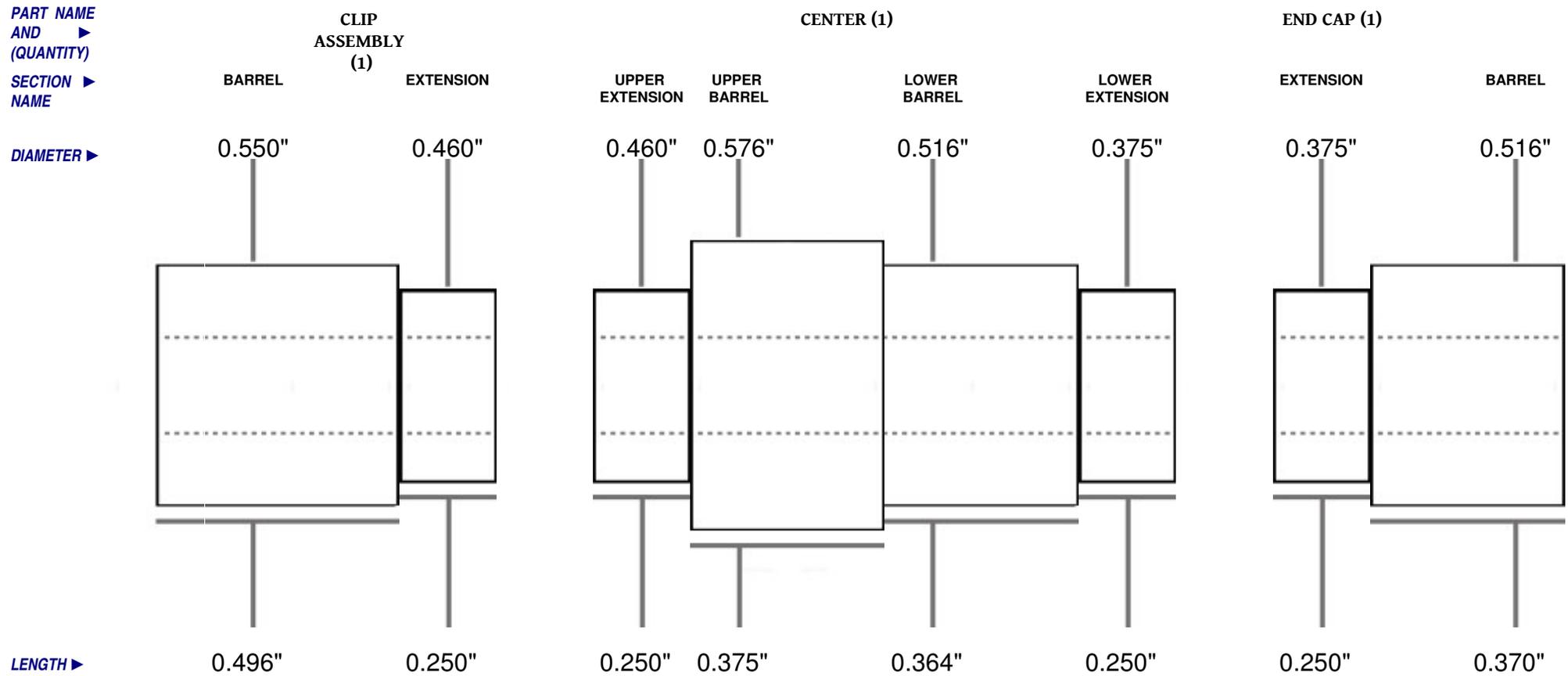
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKMAJJRBU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKMAF(XX)JR, PKMAJ(XX)JR  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKMAJLOBU      **TYPE:** BUSHING

**NOTES:** BOTH SIDES SAME DIMENSION

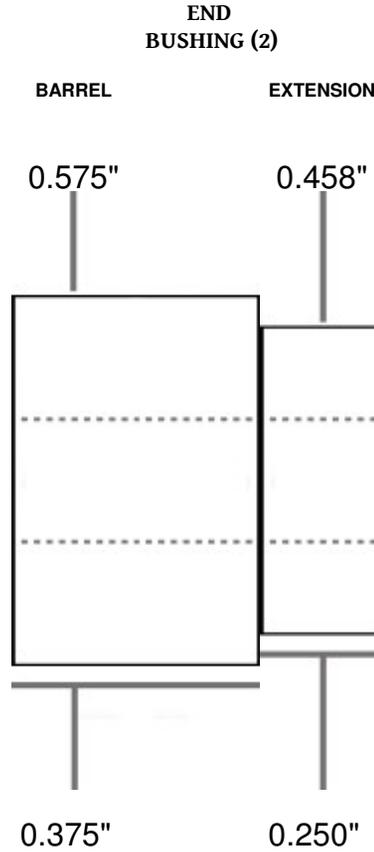
**NUMBER OF PARTS** 2

**THRU HOLE** STANDARD (0.248')

**PART NAME**  
**AND** ▶  
**(QUANTITY)**

**SECTION** ▶  
**NAME**

**DIAMETER** ▶



**LENGTH** ▶

**ASSOCIATED** PKMAJLO(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKMAJSQBU      **TYPE:** BUSHING

**NOTES:** BOTH SIDES ARE THE SAME DIMENSION

**NUMBER OF PARTS** 2

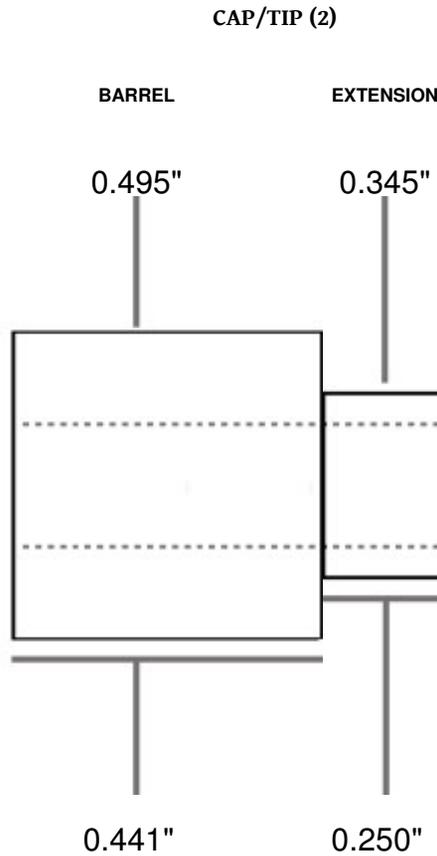
**THRU HOLE** STANDARD(0.248")

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED KITS:** PKA1(XX), PKART(XX)B, PKDBN(XX), PKGEAR(XX), PKMAJSQ(XX), PKNAUT(XX), PKRAHANMJ(XX), PKRPEN(XX), PKRAW(XX)

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

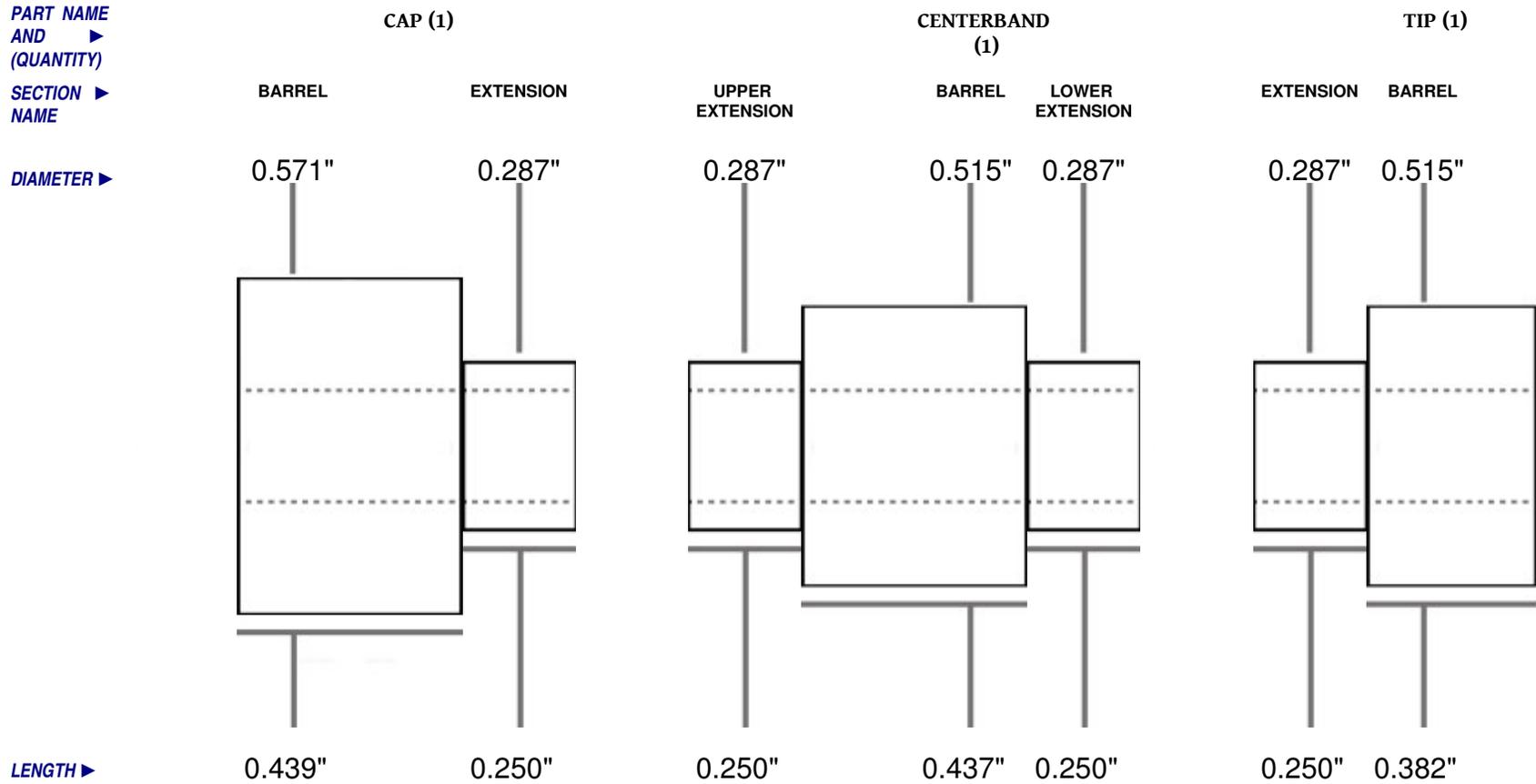
**ID NUMBER PKMAYBU**

**TYPE: BUSHING**

**NOTES:**

**NUMBER OF PARTS 3**

**THRU HOLE STANDARD(0.248")**



**ASSOCIATED PKMAY(XX)**

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKMBEADY      **TYPE:** BUSHING

**NOTES:** ALL 5 PIECES SAME DIMENSION. THRU HOLE IS .125"

**NUMBER OF PARTS** 5

**THRU HOLE** STANDARD (0.248')

**PART NAME  
AND ►  
(QUANTITY)**

BARREL (5)

**SECTION ►  
NAME**

BARREL

**DIAMETER ►**

0.215"



**LENGTH ►**

0.188"

**ASSOCIATED  
KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKMBL105      **TYPE:** INTERNAL BUSHING

**NUMBER OF PARTS** 1

**THRU HOLE** M6 X 1.0 FEMALE THREADED BLIND HOLE

**NOTES:** THIS PART THREADS ONTO THE END OF THE "BIG GRABBER" MANDREL FOR STABILIZING THE END OF CLOSED END PROJECTS WITH 10.5MM TUBES.

**PART NAME AND (QUANTITY)** ▶

**SECTION NAME** ▶

**DIAMETER** ▶

END  
BUSHING (1)

OUTER  
DIAMETER

0.376"



0.437"

**LENGTH** ▶

**ASSOCIATED KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKMBL125      **TYPE:** INTERNAL BUSHING

**NUMBER OF PARTS** 1

**THRU HOLE** M6 X 1.0 FEMALE THREADED BLIND HOLE

**NOTES:** THIS PART THREADS ONTO THE END OF THE "BIG GRABBER" MANDREL FOR STABILIZING THE END OF CLOSED END PROJECTS WITH 12.5MM TUBES.

**PART NAME AND (QUANTITY)** ▶

**SECTION NAME** ▶

**DIAMETER** ▶

END  
BUSHING (1)

OUTER  
DIMENSIONS

0.452"



0.437"

**LENGTH** ▶

**ASSOCIATED KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKMBL1532      **TYPE:** INTERNAL BUSHING

**NUMBER OF PARTS** 1

**THRU HOLE** M6 X 1.0 FEMALE THREADED BLIND HOLE

**NOTES:** THIS PART THREADS ONTO THE END OF THE "BIG GRABBER" MANDREL FOR STABILIZING THE END OF CLOSED END PROJECTS WITH 15/32" TUBES.

**PART NAME AND (QUANTITY)** ▶

**SECTION NAME** ▶

**DIAMETER** ▶

END  
BUSHING (1)

OUTER  
DIAMETER

0.427"



0.437"

**LENGTH** ▶

**ASSOCIATED KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKMBL2564      **TYPE:** INTERNAL BUSHING

**NUMBER OF PARTS** 0

**THRU HOLE** M6 X 1.0 FEMALE THREADED BLIND HOLE

**NOTES:** THIS PART THREADS ONTO THE END OF THE "BIG GRABBER" MANDREL FOR STABILIZING THE END OF CLOSED END PROJECTS WITH 25/64" TUBES.

**PART NAME AND (QUANTITY)** ▶

**SECTION NAME** ▶

**DIAMETER** ▶

END  
BUSHING (1)

OUTER  
DIAMETER

0.356"



0.436"

**LENGTH** ▶

**ASSOCIATED KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKMBL3164      **TYPE:** INTERNAL BUSHING

**NUMBER OF PARTS** 1

**THRU HOLE** M6 X 1.0 FEMALE THREADED BLIND HOLE

**NOTES:** THIS PART THREADS ONTO THE END OF THE "BIG GRABBER" MANDREL FOR STABILIZING THE END OF CLOSED END PROJECTS WITH 3/16" TUBES.

**PART NAME AND (QUANTITY)** ▶

**SECTION NAME** ▶

**DIAMETER** ▶

END  
BUSHING (1)

OUTER  
DIAMETER

0.447"



0.437"

**LENGTH** ▶

**ASSOCIATED KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKMBL3364      **TYPE:** INTERNAL BUSHING

**NUMBER OF PARTS** 1

**THRU HOLE** M6 X 1.0 FEMALE THREADED BLIND HOLE

**NOTES:** THIS PART THREADS ONTO THE END OF THE "BIG GRABBER" MANDREL FOR STABILIZING THE END OF CLOSED END PROJECTS WITH 3/64" TUBES.

**PART NAME AND (QUANTITY)** ▶

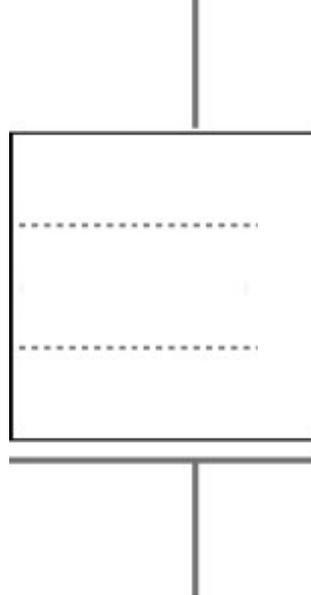
**SECTION NAME** ▶

**DIAMETER** ▶

END  
BUSHING (1)

OUTER  
DIAMETER

0.490"



0.438"

**LENGTH** ▶

**ASSOCIATED KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKMBL916      **TYPE:** INTERNAL BUSHING

**NUMBER OF PARTS** 1

**THRU HOLE** M6 X 1.0 FEMALE THREADED BLIND HOLE

**NOTES:** THIS PART THREADS ONTO THE END OF THE "BIG GRABBER" MANDREL FOR STABILIZING THE END OF CLOSED END PROJECTS WITH 9/16" TUBES.

**PART NAME AND (QUANTITY)** ▶

**SECTION NAME** ▶

**DIAMETER** ▶

END  
BUSHING (1)

OUTER  
DIAMETER

0.531"



**LENGTH** ▶

0.437"

**ASSOCIATED KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKMBLCBU      **TYPE:** DRILLING GUIDE

**NUMBER OF PARTS** 1

**THRU HOLE** .28"

**NOTES:** THIS PART IS USED AS A DRILL GUIDE FOR CLOSED END ROLLERBALL KITS WITH 10.5MM LOWER TUBES TO CREATE A RECESS FOR ROLLERBALL SPRING.

**PART NAME AND (QUANTITY)** ▶

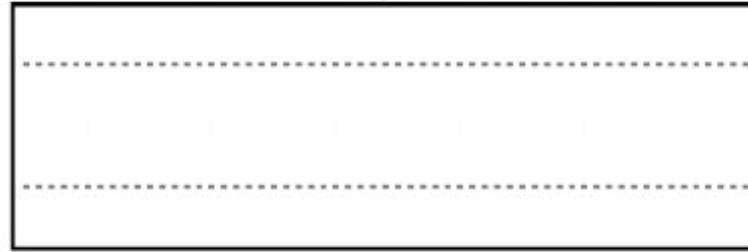
GUIDE (1)

**SECTION NAME** ▶

DIMENSIONS

**DIAMETER** ▶

0.404"



**LENGTH** ▶

1.875"

**ASSOCIATED KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKM-BUSH3      **TYPE:** BUSHING

**NOTES:** ALL 3 BUSHINGS ARE SAME DIMENSIONS

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

STANDARD  
BUSHING (3)

BARREL  
DIAMETER

0.333"



0.375"

**LENGTH**

**ASSOCIATED KITS:** PK30M(XX), PKBELL(XX), PKCCP(XX), PKDART1(XX), PKDART2(XX), PKDETACH(XX), PKKEY(XX), PKLO(XX), PK-LTPULL(XX), PKMAG(XX), PKMINI(XX), PKORN(XX), PK-PCL(XX), PK-PEN(XX), PKSCRATCH(XX), PKSLFUN(XX), PKSLFUPL(XX), PKSLX(XX), PKSLX(XX)2, PKSTPEN(XX), PKTEACH(XX), PKTPC(XX), PKTPN(XX), PKTS2(XX), PKTSCCP(XX), PKTSPEN(XX), PKTST(XX), PK-WHIST(XX), MCM-CF(XX)

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKMINCLKBU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 2

**THRU HOLE** STANDARD (0.248")

**PART NAME AND (QUANTITY)**

TIP (1)

CAP (1)

**SECTION NAME**

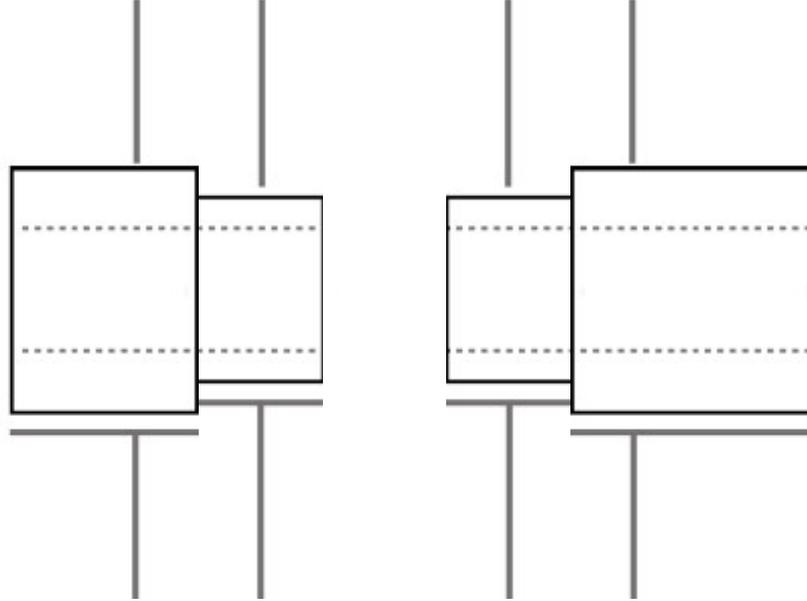
BARREL    EXTENSION

EXTENSION    BARREL

**DIAMETER**

0.466"    0.360"

0.360"    466.000"



**LENGTH**

0.437"    0.250"

0.250"    0.562"

**ASSOCIATED** PKMINCLK(XX)

**KITS:**

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**ID NUMBER** PKMJJRCBU      **TYPE:** BUSHING

**NOTES:** ONE BUSHING IS USED FOR EACH BARREL

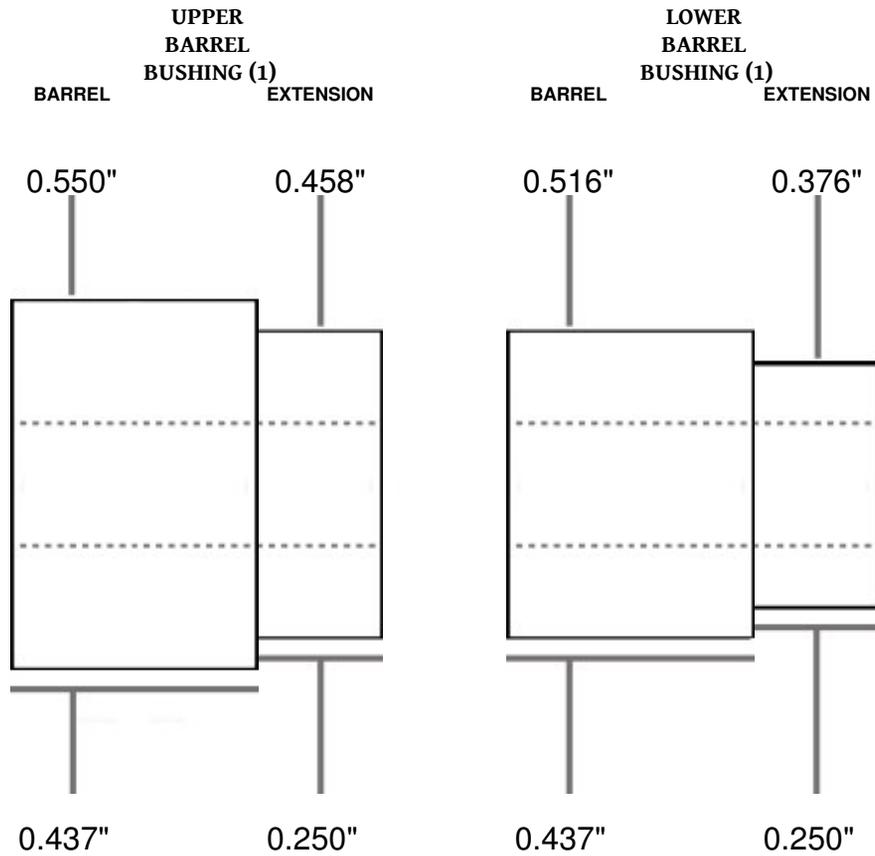
**NUMBER OF PARTS** 2

**THRU HOLE** STANDARD (0.248")

**PART NAME AND (QUANTITY)**  
**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED KITS:** PKMAJCF(XX), PKMAJCR(XX)

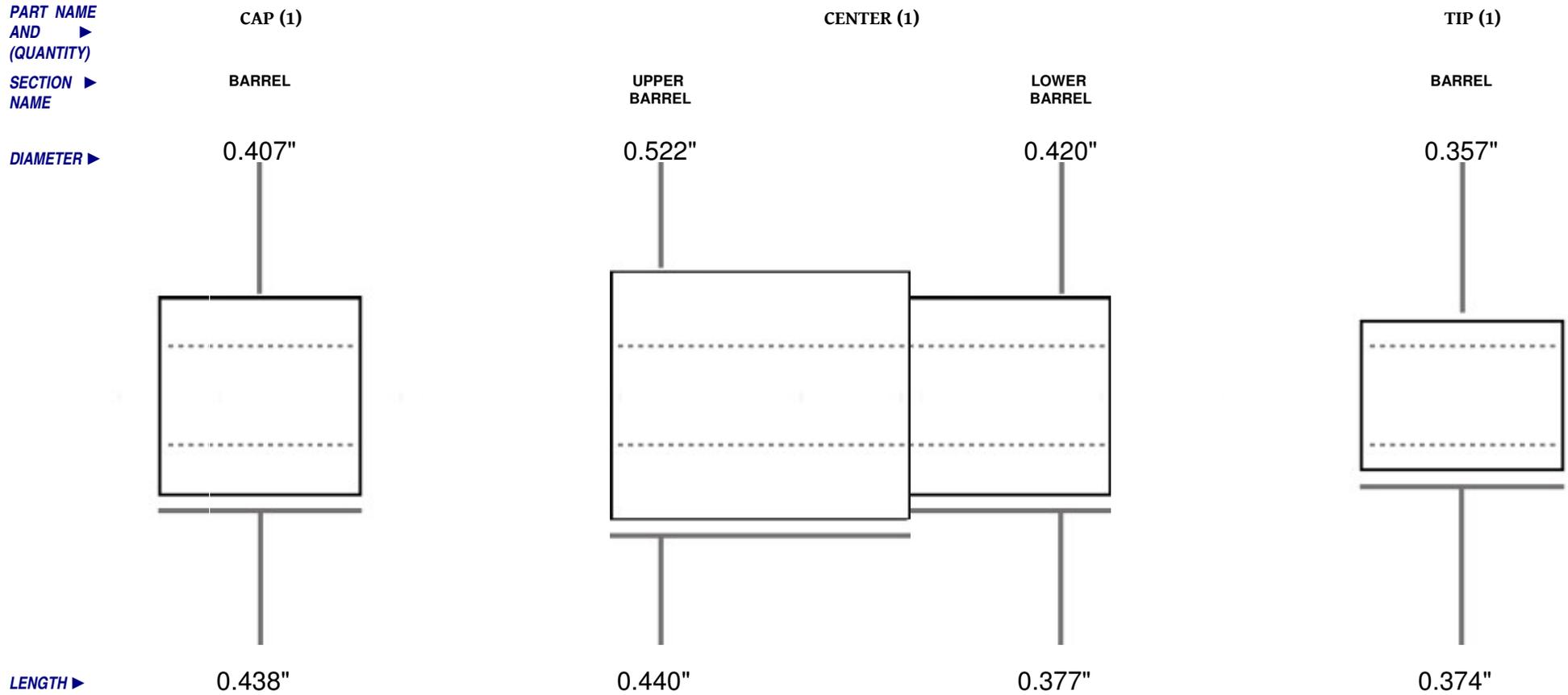
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKMONT2-BU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKMONT2(XX), PKMONTLO6G(XX), PKMTMIN(XX)  
**KITS:**

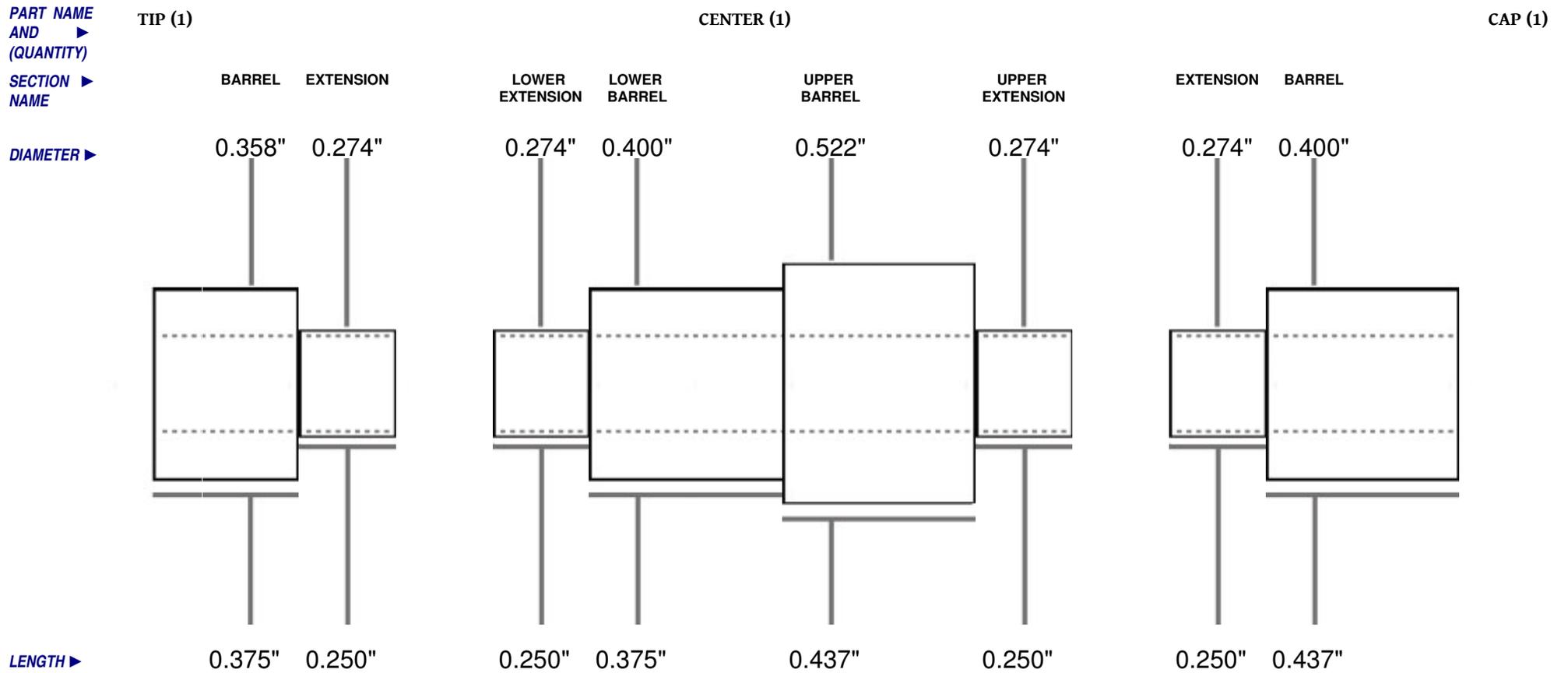
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKMONT3BU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD (0.248")



**ASSOCIATED** PKMONT3(XX), PKMONTFP2(XX), PKMONTRP2(XX)

**KITS:**

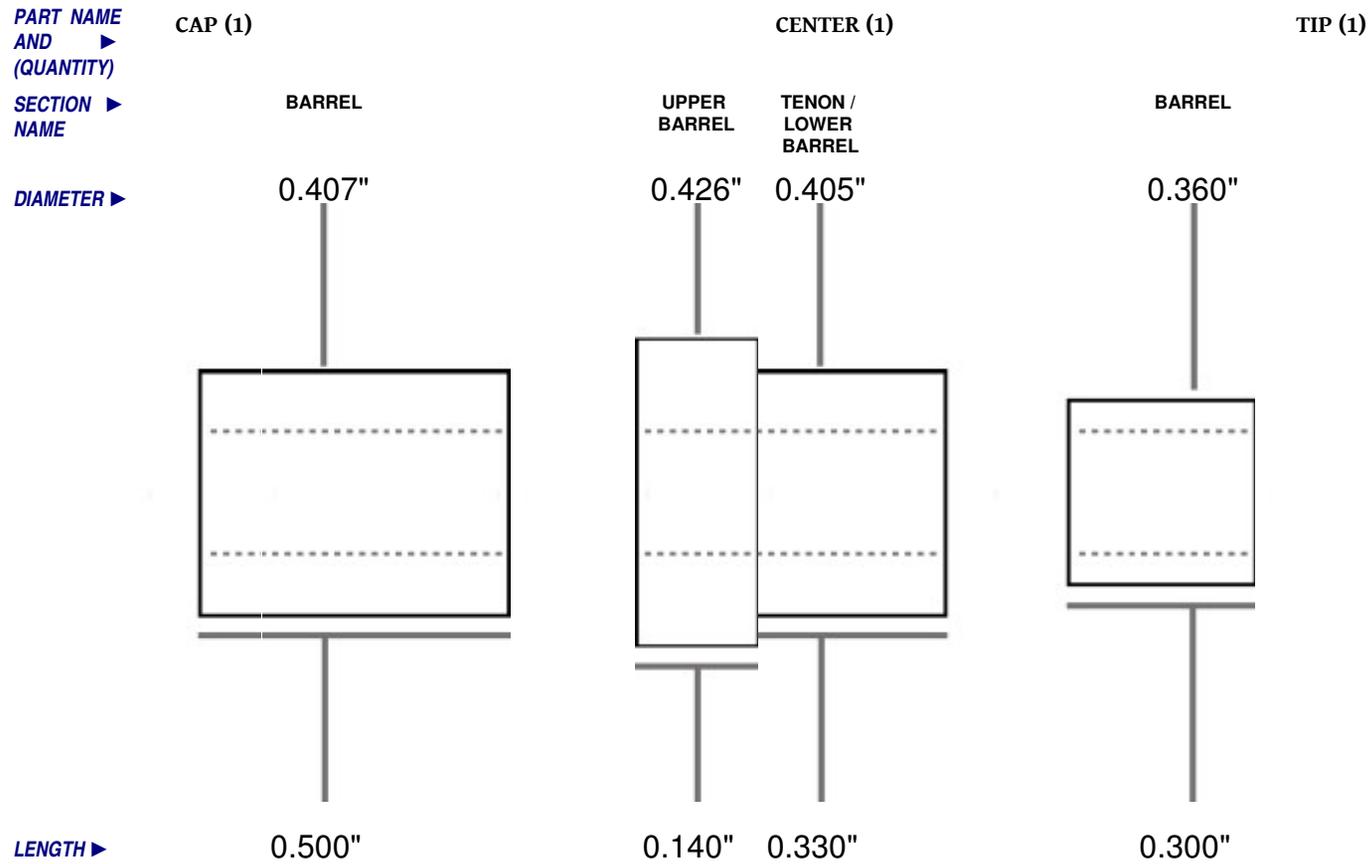
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKMONT-BU      **TYPE:** BUSHING

**NOTES:** PKLO2 USES LOWER BARREL / TENON SECTION FOR THE BLADE COUPLER AND

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD (0.248")



**ASSOCIATED** PKLO2(XX)  
**KITS:**

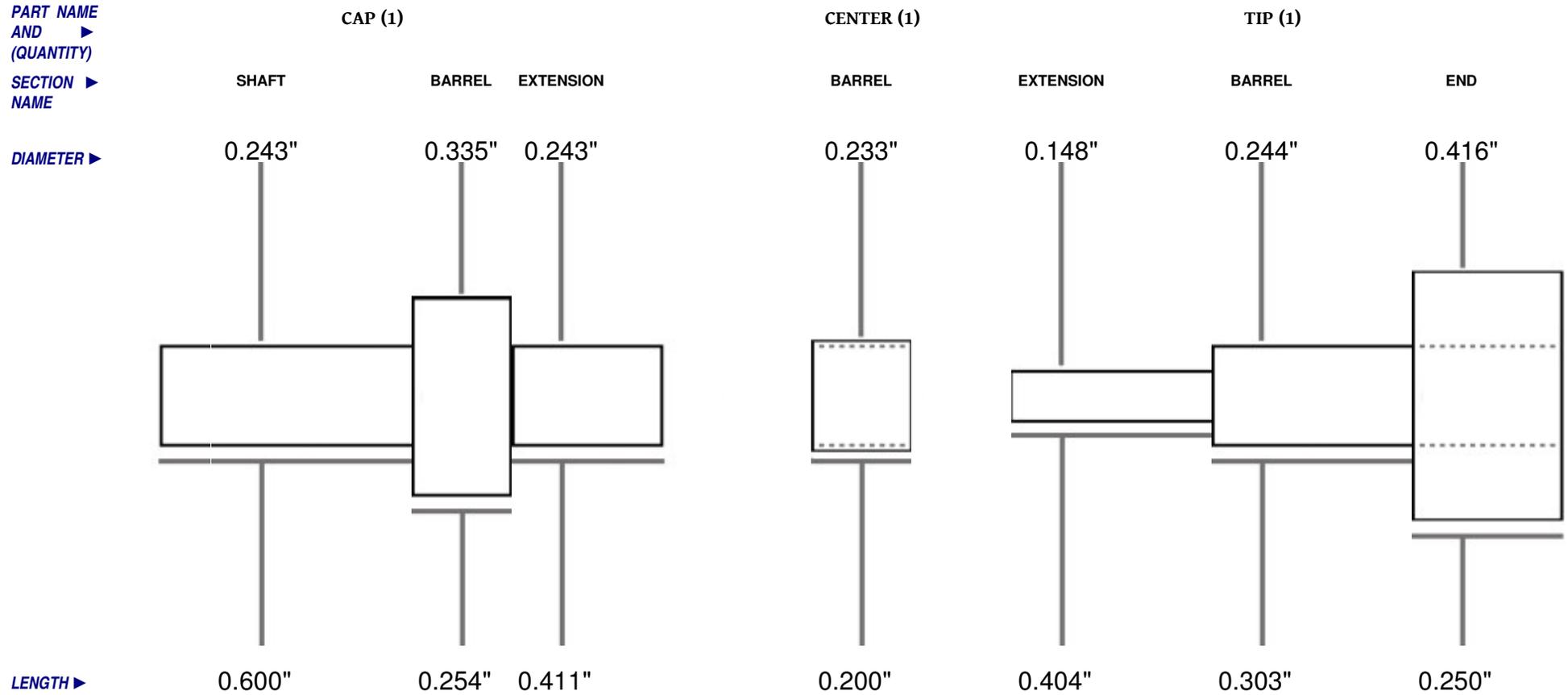
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKMONT-BU2      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** NO THROUGH HOLE ON END PIECES. CENTER PECE HAS 0.15" HOLE



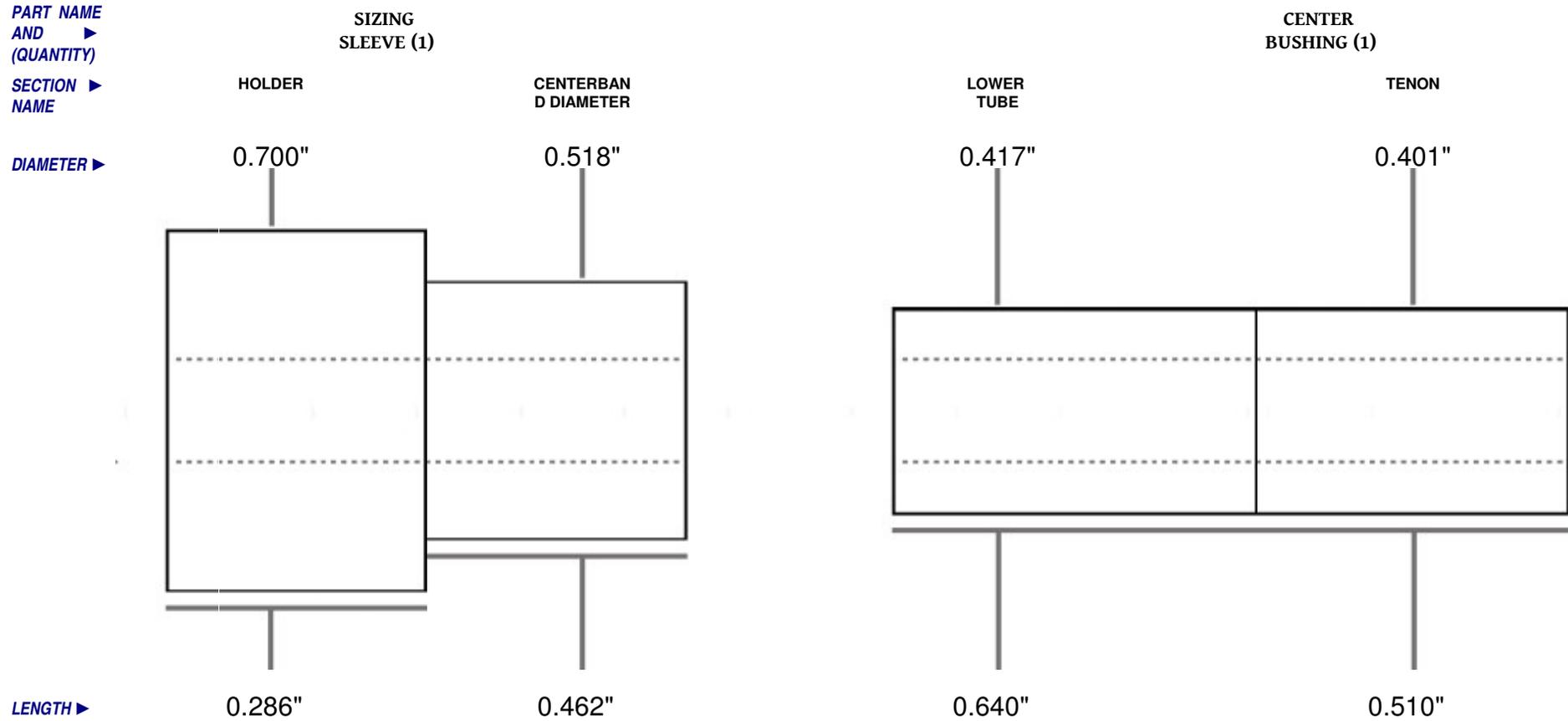
**ASSOCIATED KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKMONTBUY      **TYPE:** BUSHING  
**NUMBER OF PARTS** 2

**NOTES:** FOUND IN PKMONT-BUY. REPLACES CENTER BUSHING FOR PKMONT-BU

**THRU HOLE** CENTER IS STANDARD(0.248). SLEEVE FITS OVER CENTER TENON.



**ASSOCIATED** PKMONT(XX), PKMTFUN(XX)  
**KITS:**

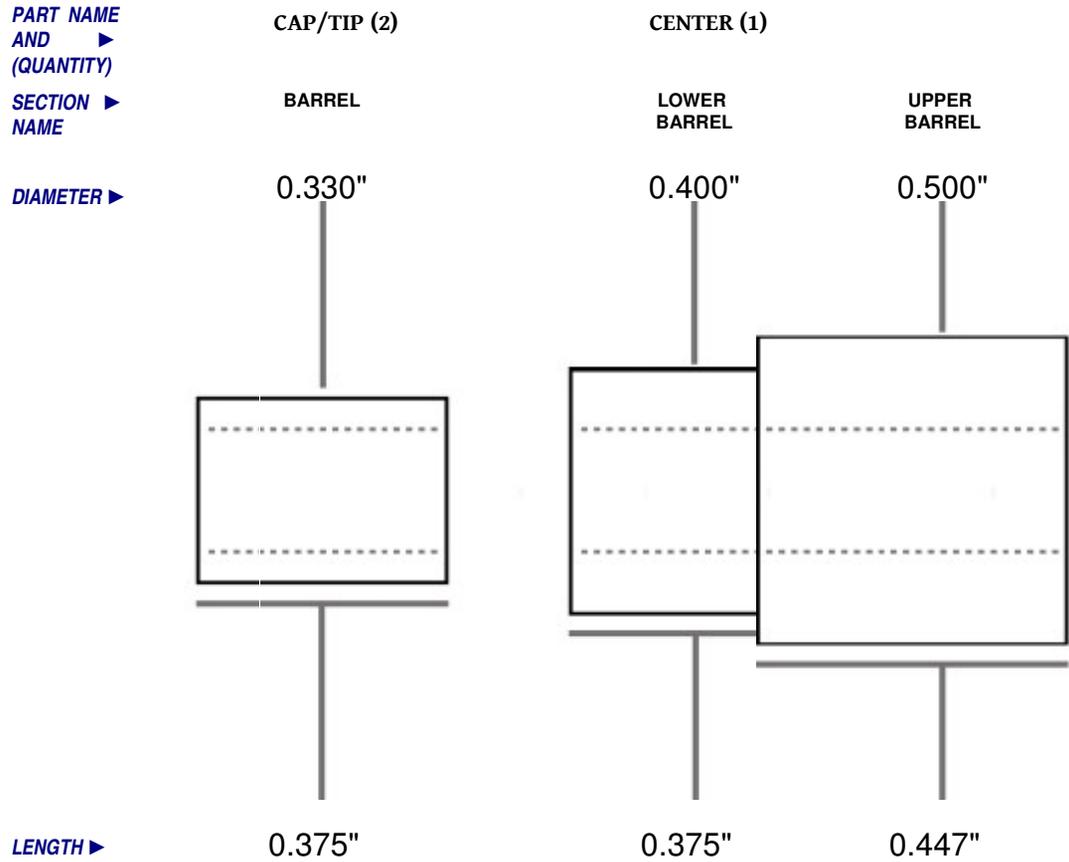
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKMONTL2BU      **TYPE:** BUSHING

**NOTES:** CAP/TIP SAME DIMENSIONS

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD (0.248')



**ASSOCIATED KITS:**

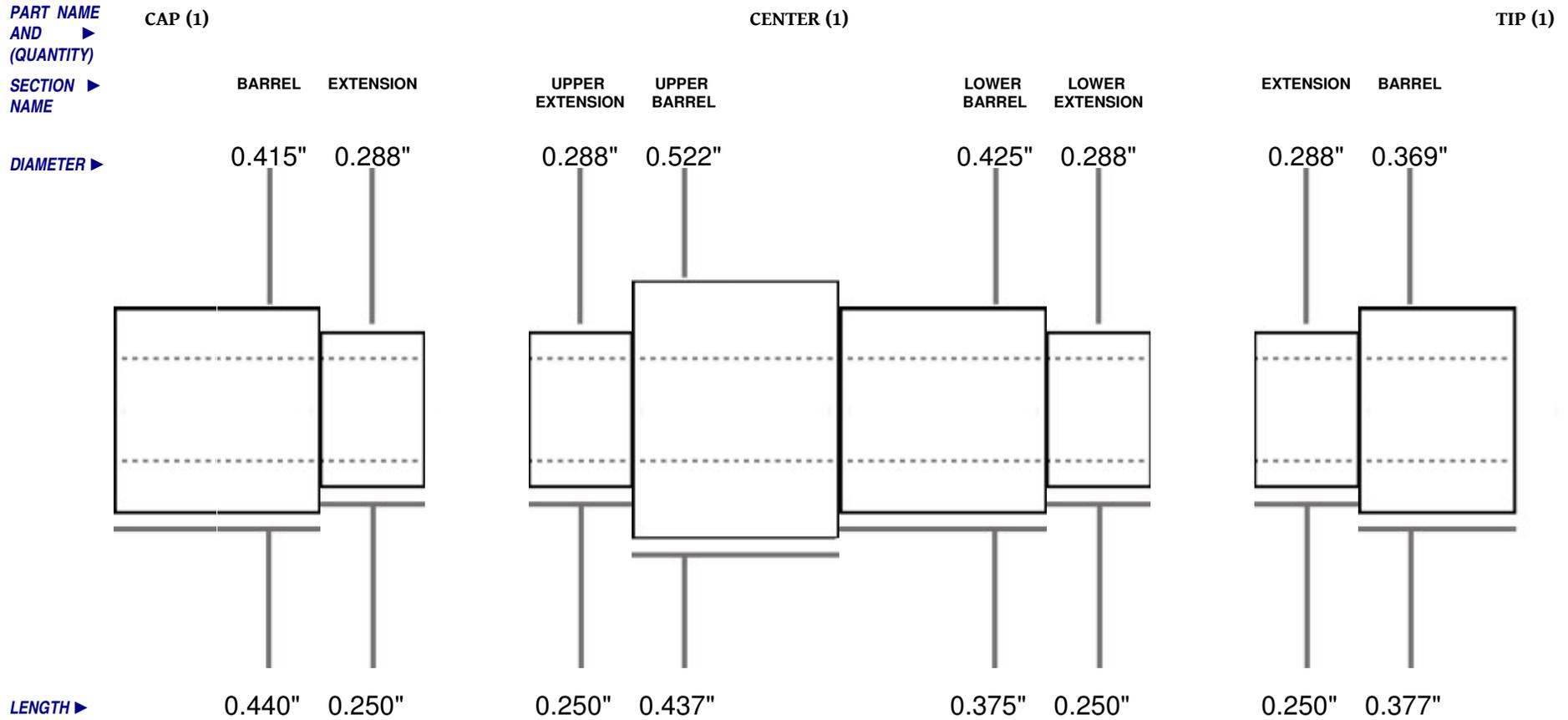
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKMONTPRBU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD (0.248")



**ASSOCIATED** PKMONT2PAR(XX)

**KITS:**

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**ID NUMBER** PKMT7BU

**TYPE:** BUSHING

**NOTES:** BOTH SIDES HAVE SAME DIAMETER

**NUMBER OF PARTS** 2

**THRU HOLE** STANDARD (0.248")

**PART NAME  
AND ►  
(QUANTITY)**

**SECTION ►  
NAME**

**DIAMETER ►**

END  
BUSHING (2)

BARREL

0.360"



0.437"

**LENGTH ►**

**ASSOCIATED** PKMT7(XX)

**KITS:**

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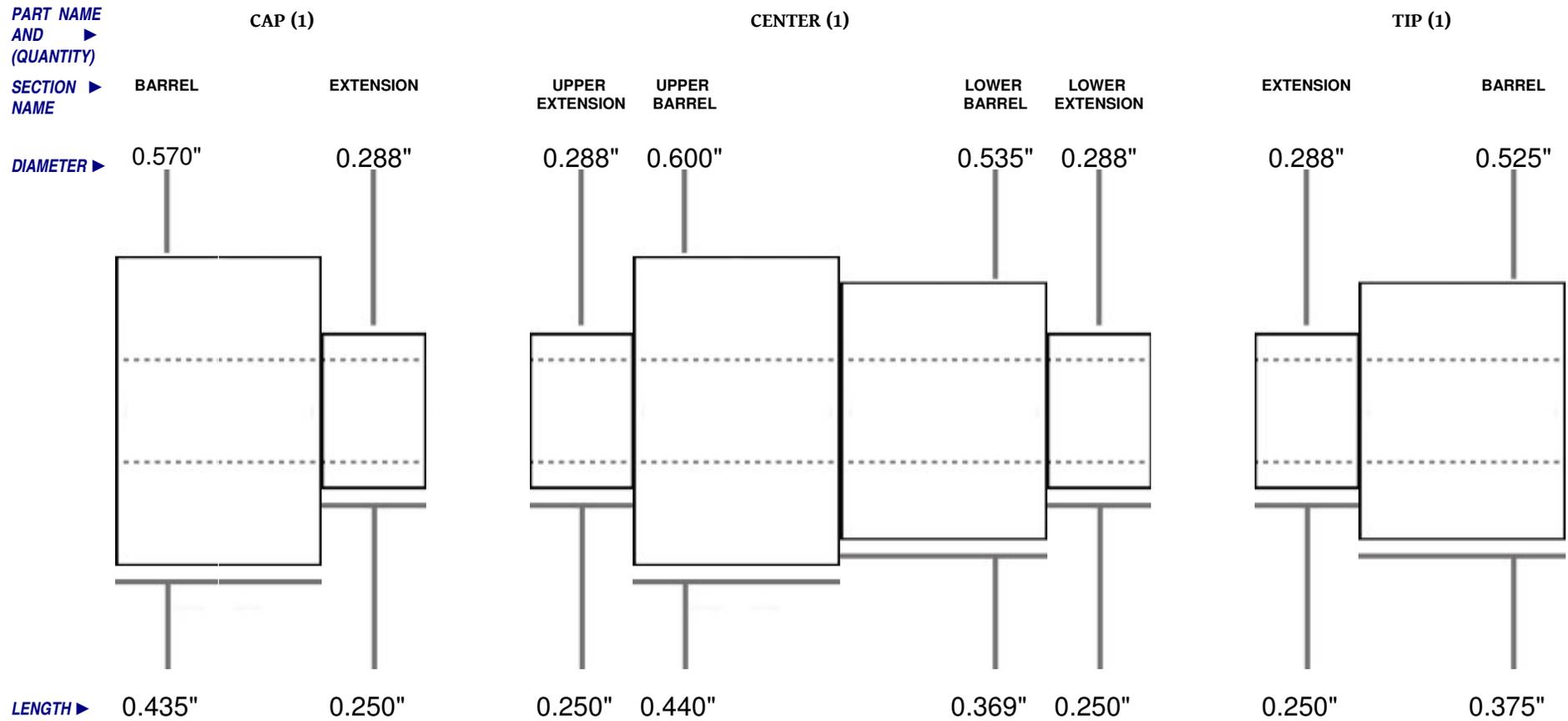
**ID NUMBER** PKMUSBU

**TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD (0.248")



**ASSOCIATED** PKMUS(XX)

**KITS:**

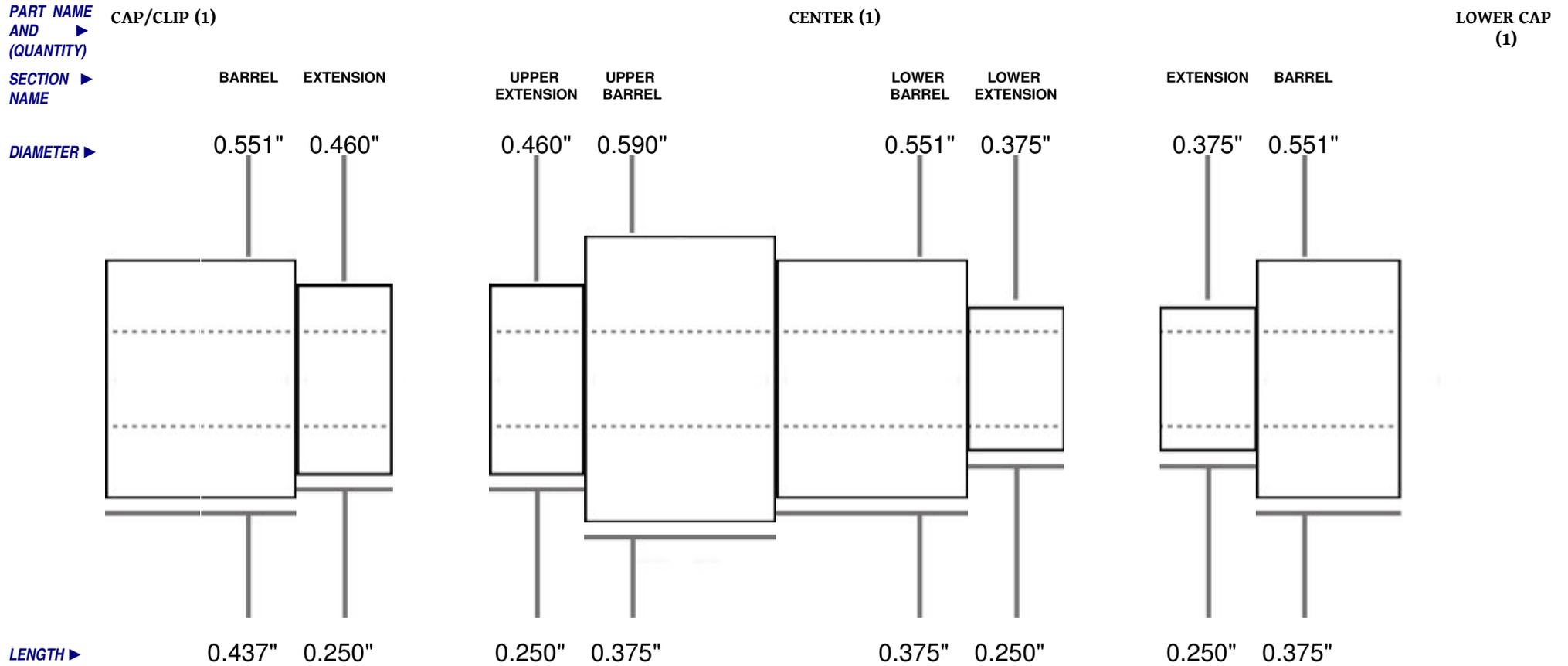
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKMUSRBU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD (0.248")



**ASSOCIATED** PKMUSF(XX), PKMUSR(XX)  
**KITS:**

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**ID NUMBER** PKNICK-BU      **TYPE:** BUSHING

**NOTES:** TIP AND CAP SAME DIMENSIONS

**NUMBER OF PARTS** 2

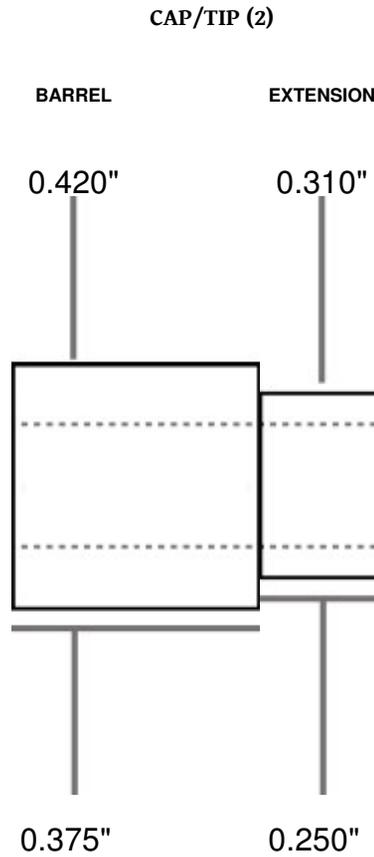
**THRU HOLE** STANDARD (0.248')

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED** PKRYL(XX)  
**KITS:**

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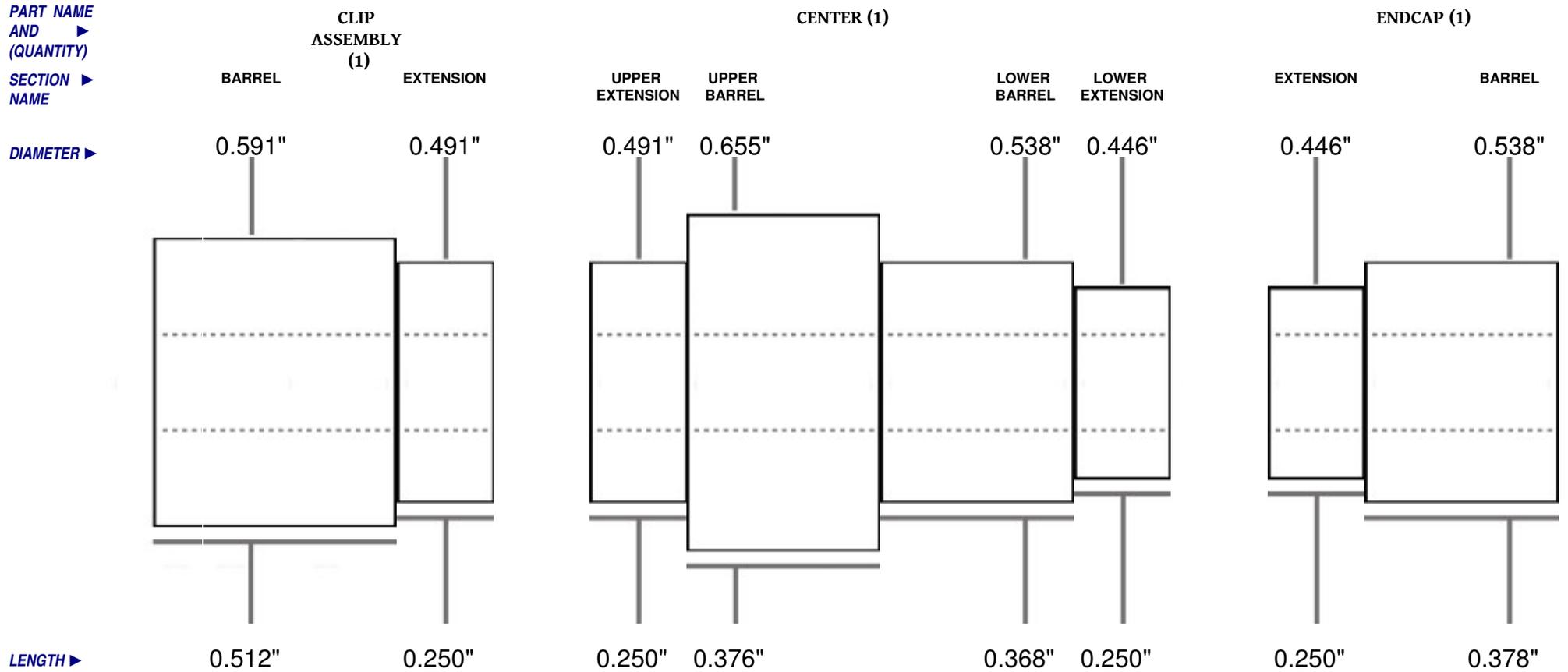
**ID NUMBER** PKOL2BU

**TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKOL2FP(XX), PKOL2RB(XX)

**KITS:**

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**ID NUMBER** PKOLBTS      **TYPE:** TRIMMING SLEEVE  
**NUMBER OF PARTS** 2

**NOTES:** FITS STANDARD TUBES SIZED 33/64" (UPPER) AND 31/64" (LOWER)

**THRU HOLE** 7MM TRIMMER SHAFT

**PART NAME AND QUANTITY** ▶

UPPER TUBE  
(1)

LOWER TUBE  
(1)

**SECTION NAME** ▶

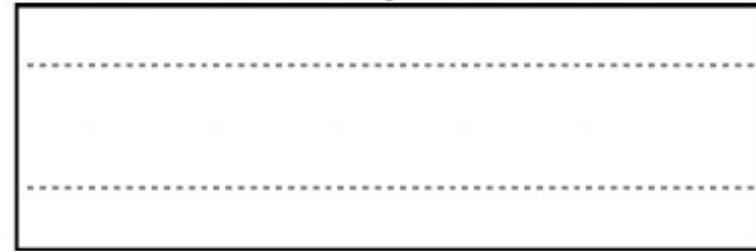
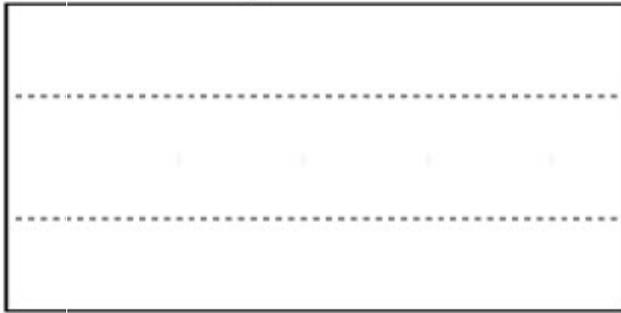
EXTENSION

EXTENSION

**DIAMETER** ▶

0.491"

0.445"



**LENGTH** ▶

1.560"

1.877"

**ASSOCIATED KITS:**

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**ID NUMBER** PKOLCEBU      **TYPE:** BUSHING

**NOTES:** ONE BUSHING IS USED FOR EACH BARREL

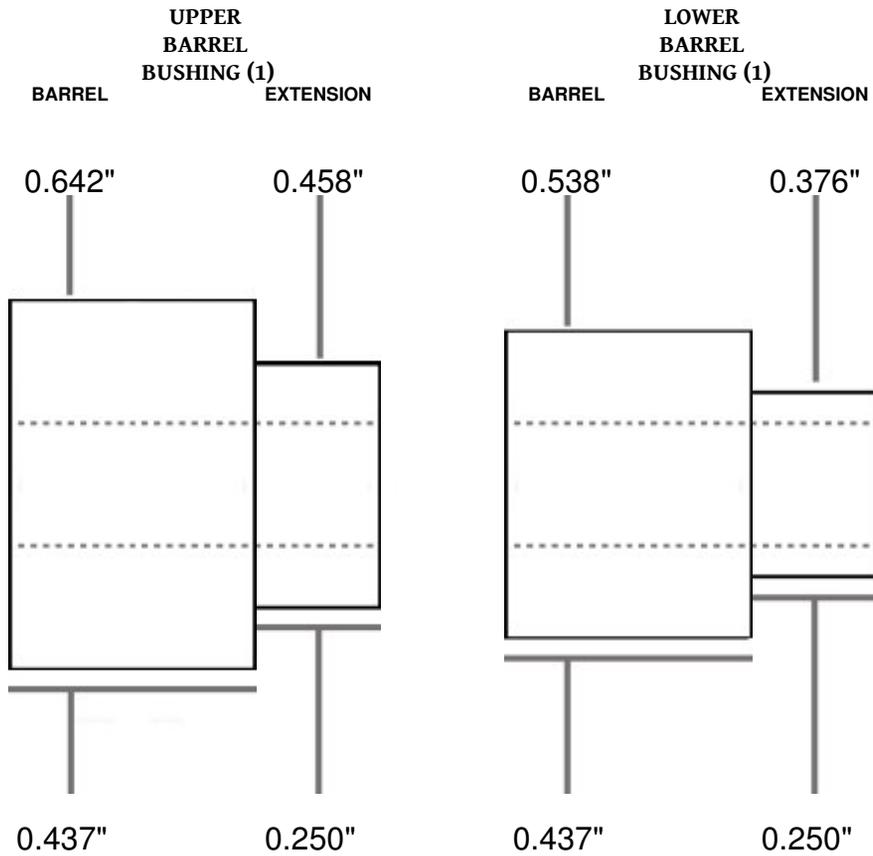
**NUMBER OF PARTS** 2

**THRU HOLE** STANDARD (0.248")

**PART NAME AND (QUANTITY)**  
**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED KITS:** PKOLCF(XX), PKOLCR(XX)

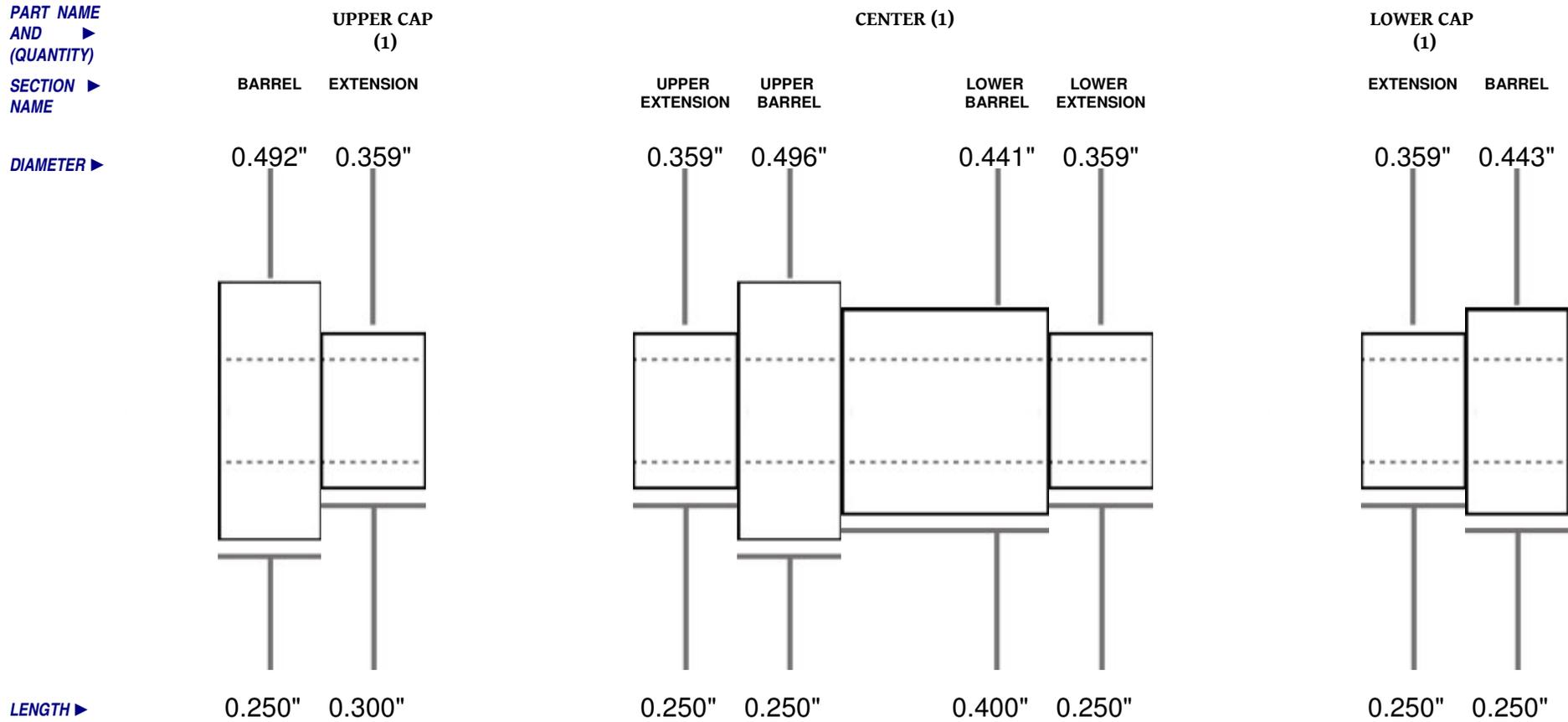
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKPAR10-B2      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKEL2F(XX), PKEL2R(XX), PKELP(XX), PKPAR10F(XX), PKPAR10R(XX)

**KITS:**

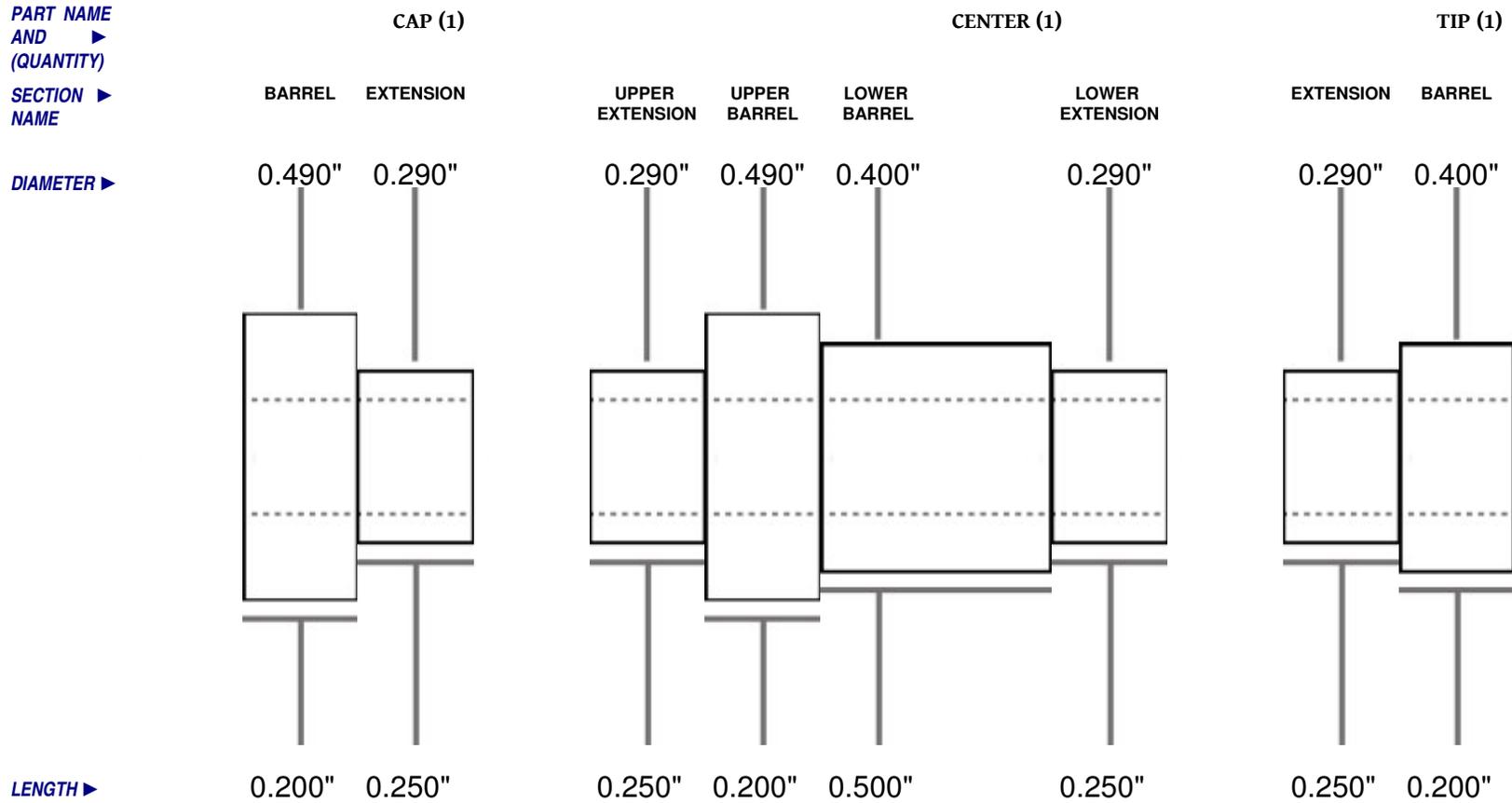
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKPARK-BU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKPARK-(XX), PKPARK-LO(XX)  
**KITS:**

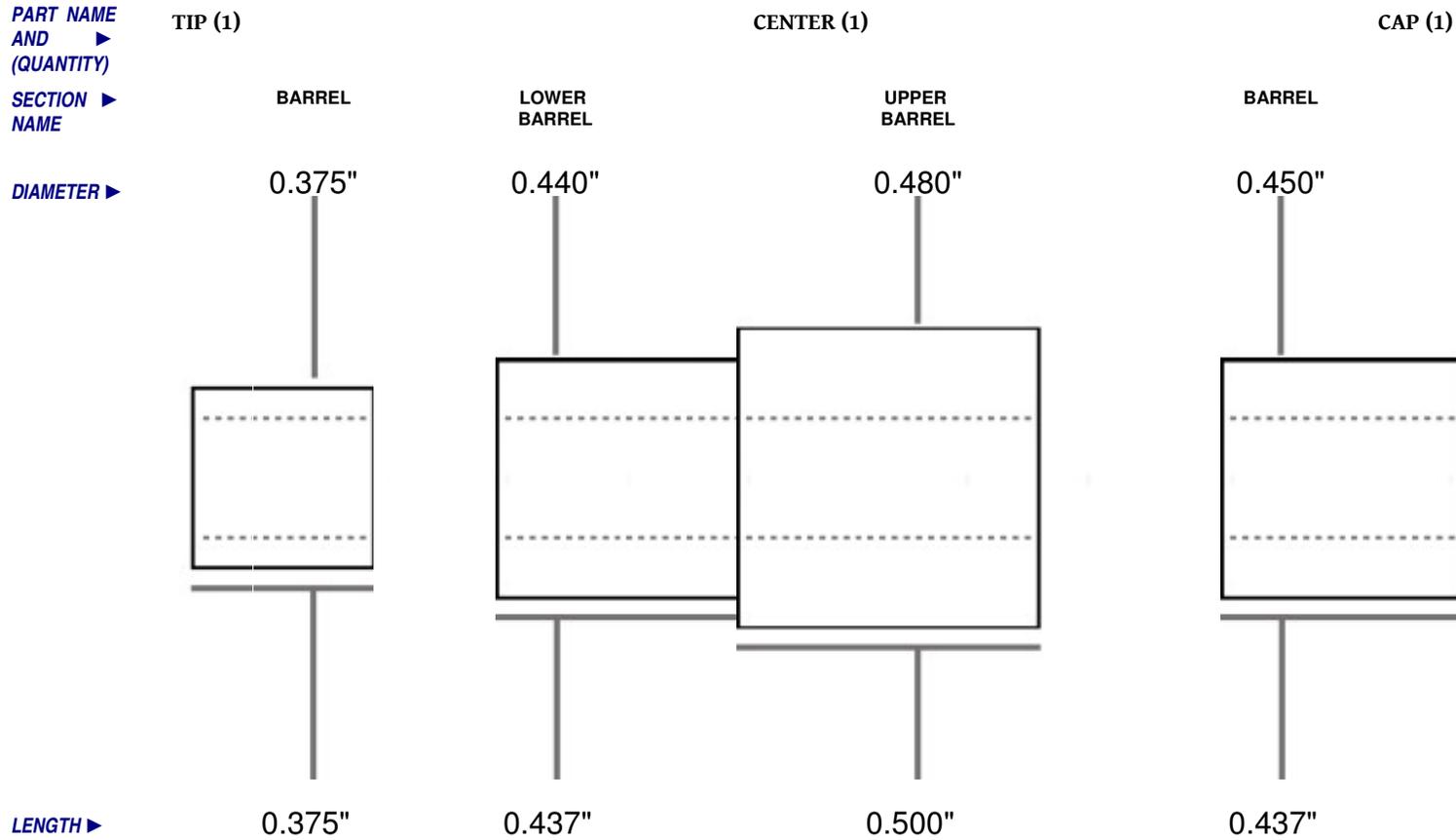
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKPATDSBU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD (0.248')



**ASSOCIATED** PKPATDS(XX)  
**KITS:**

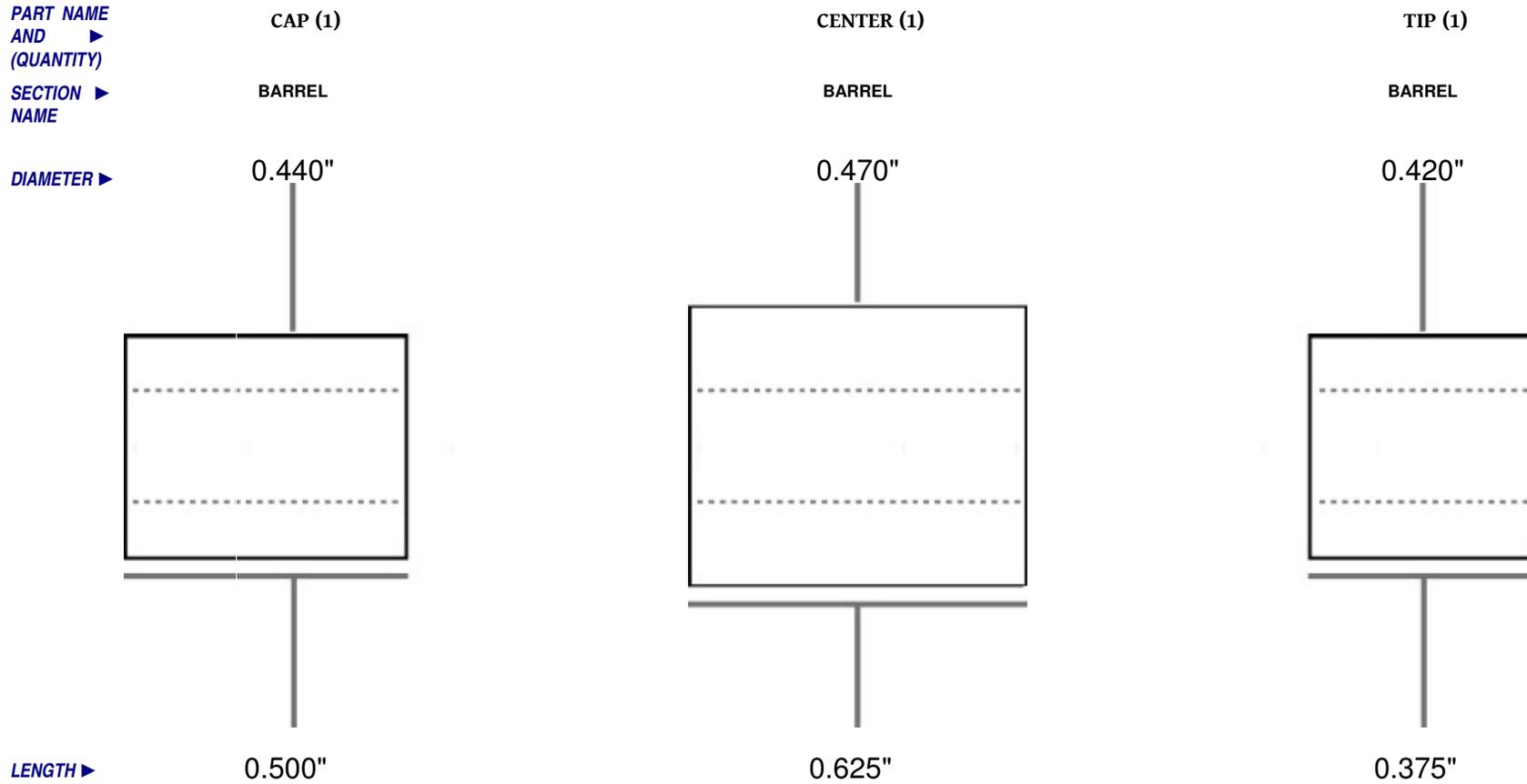
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKPATPENBU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKPATPCL(XX), PKPATPEN(XX)  
**KITS:**

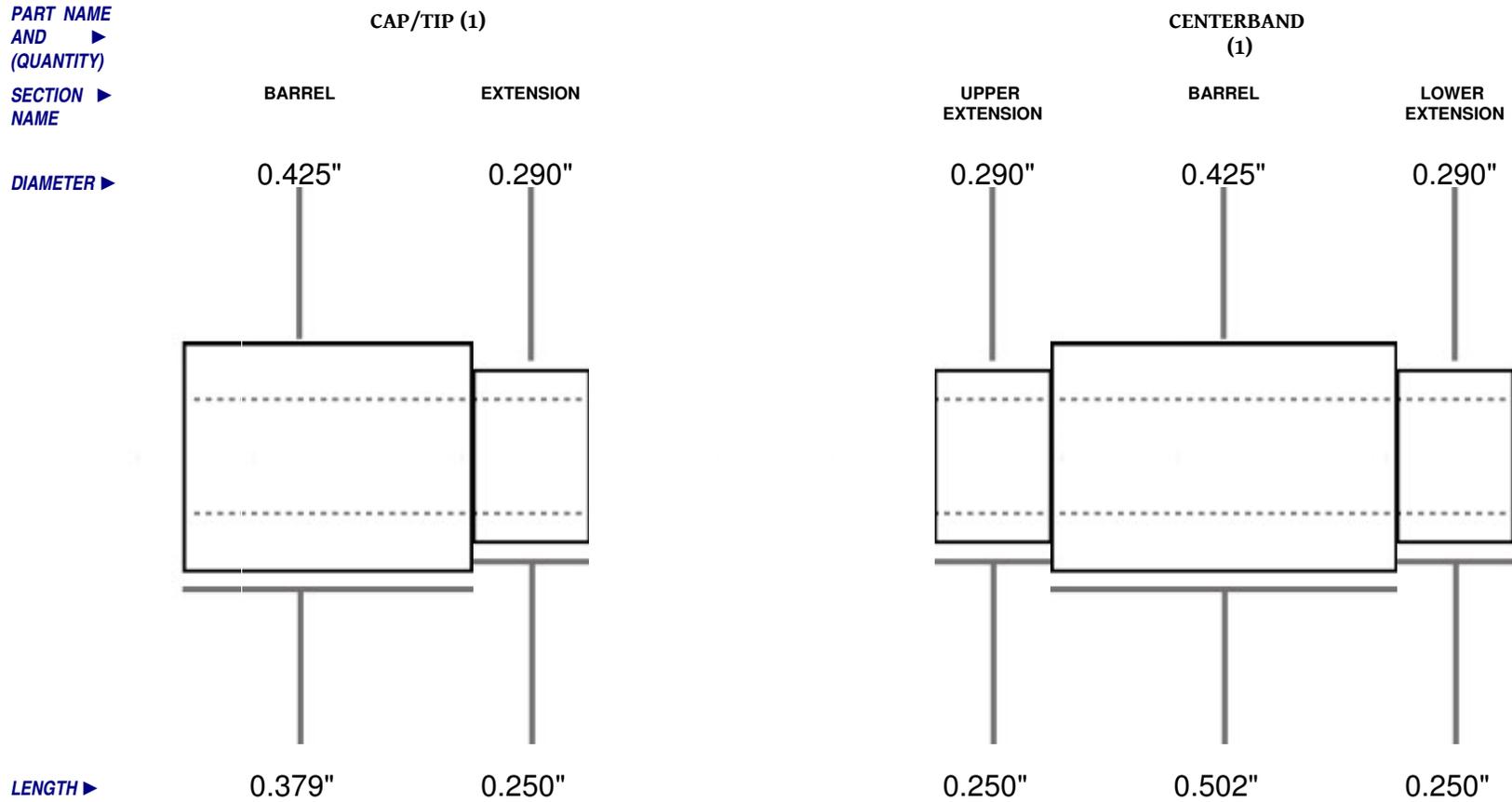
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PK-PENXXBU      **TYPE:** BUSHING

**NOTES:** TIP AND CAP ARE IDENTICAL

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PK-PCLXX(XX), PK-PENXX(XX)  
**KITS:**

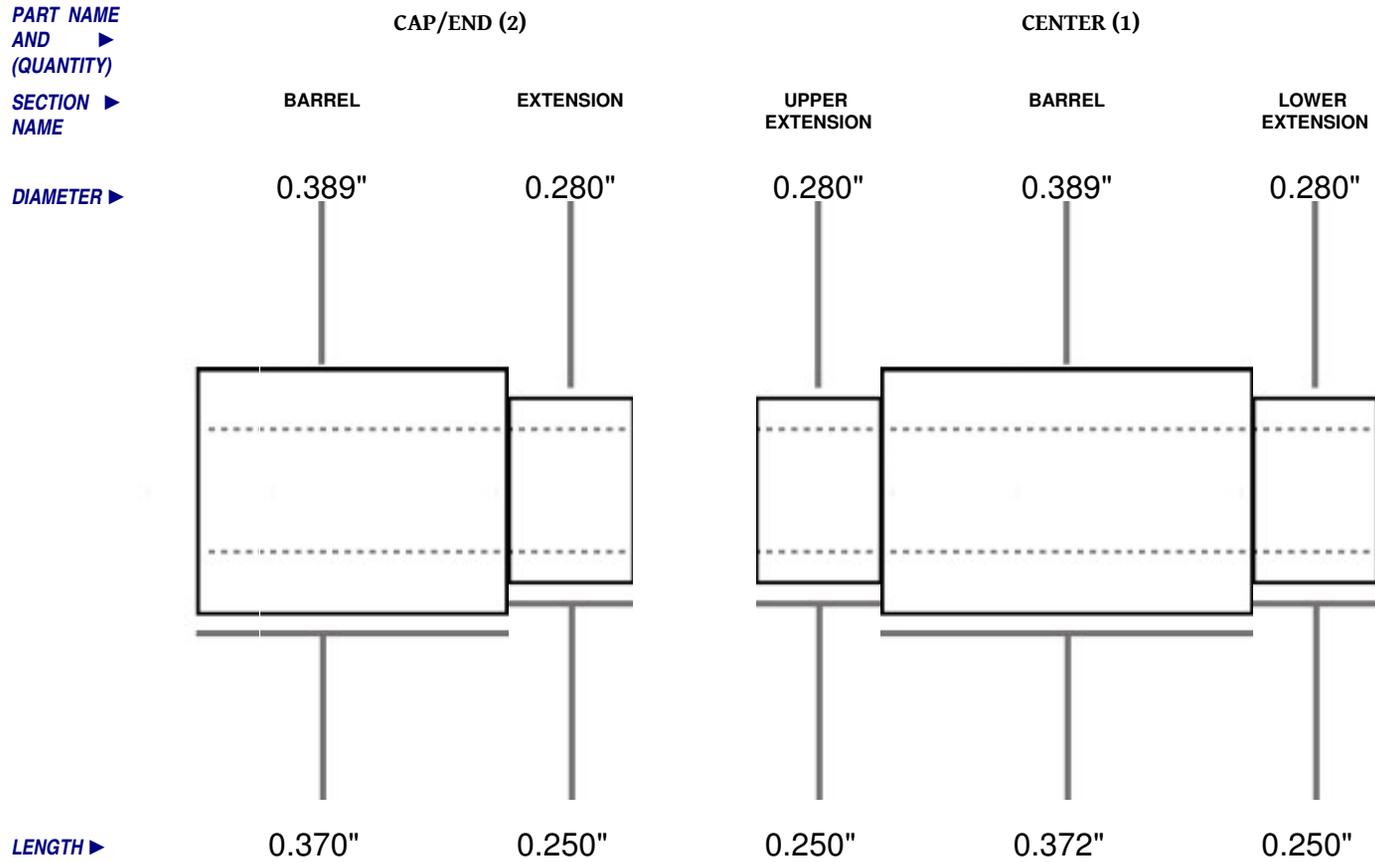
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER PKPERF-BU TYPE: BUSHING**

**NOTES: CAP/END ARE SAME DIMENSION**

**NUMBER OF PARTS 3**

**THRU HOLE STANDARD(0.248")**



**ASSOCIATED PKPERF(XX)  
KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKPHANGM

**TYPE:** DRILL CHUCK MANDREL

**NOTES:** FITS IN HEADSTOCK MOUNTED DRILL CHUCK

**NUMBER OF PARTS** 1

**THRU HOLE** NONE.

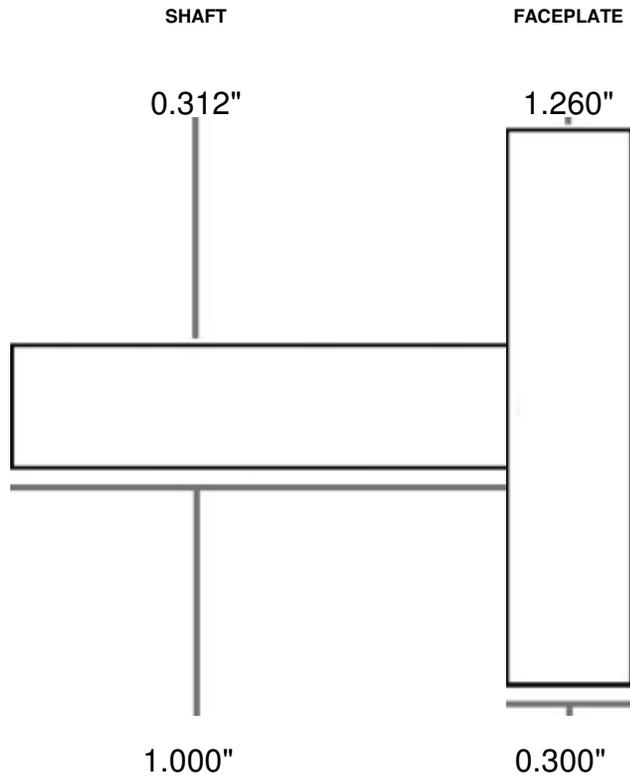
**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**

DRILL  
CHUCK  
MANDREL (1)



**ASSOCIATED** PKPHANG(XX)

**KITS:**

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**ID NUMBER** PKPLI2-BU

**TYPE:** BUSHING

**NOTES:** BOTH BUSHINGS SAME DIMENSION

**NUMBER OF PARTS** 2

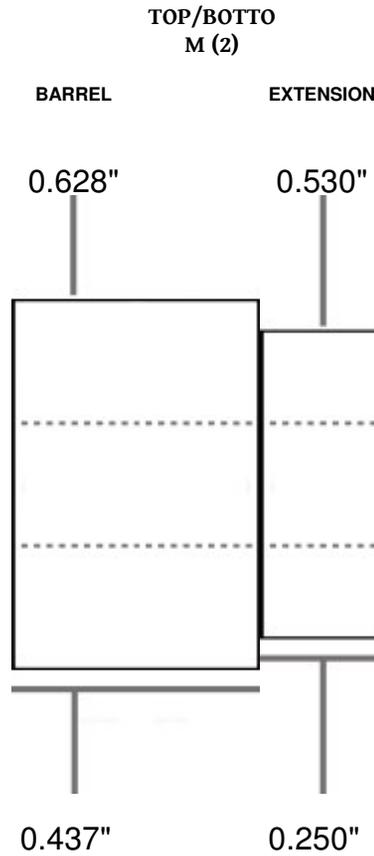
**THRU HOLE** STANDARD (0.248")

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED** PKPLI2(XX)

**KITS:**

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**ID NUMBER** PKPLI-BU

**TYPE:** BUSHING

**NOTES:** CAP AND TIP SAME DIMENSIONS

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD (0.248")

**PART NAME AND QUANTITY**

CAP/TIP (2)

CENTER (1)

**SECTION NAME**

BARREL EXTENSION

UPPER EXTENSION

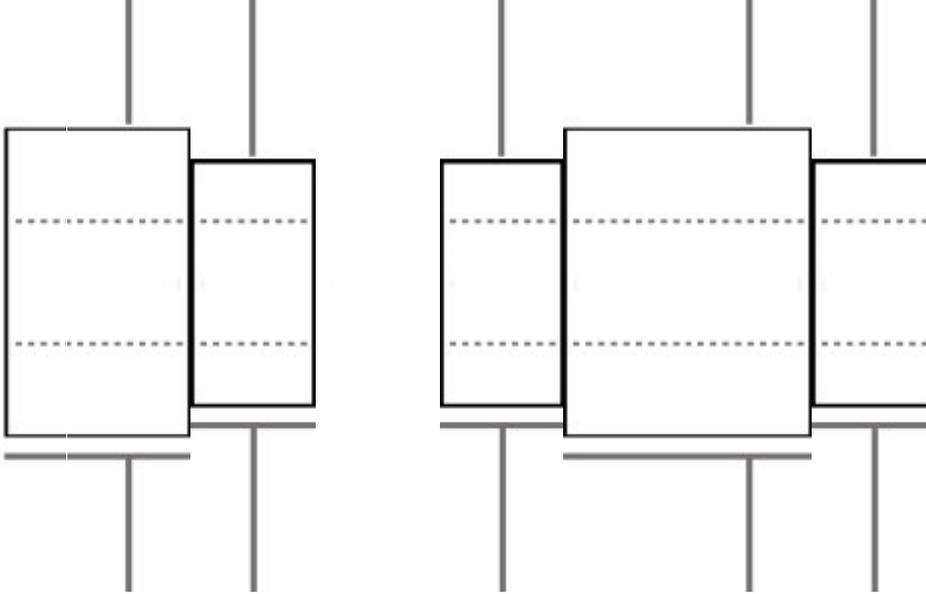
BARREL

LOWER EXTENSION

**DIAMETER**

0.544" 0.451"

0.451" 0.544" 0.451"



**LENGTH**

0.375" 0.250"

0.250" 0.375" 0.250"

**ASSOCIATED** PKPLI(XX), PKPLI3(XX)

**KITS:**

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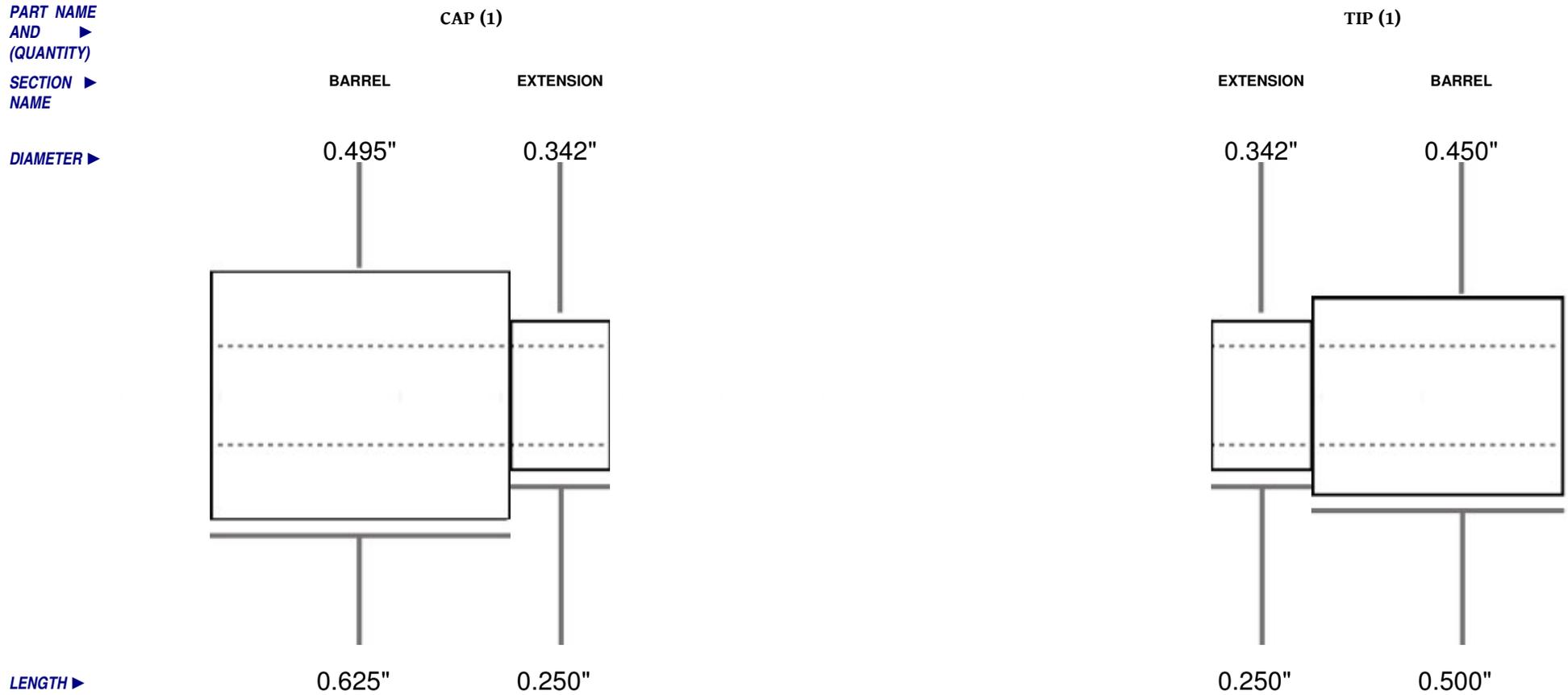
**ID NUMBER** PK-POLBU

**TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 2

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKPOLC(XX), PKPOLPCL(XX), PKPOLPEN(XX)  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

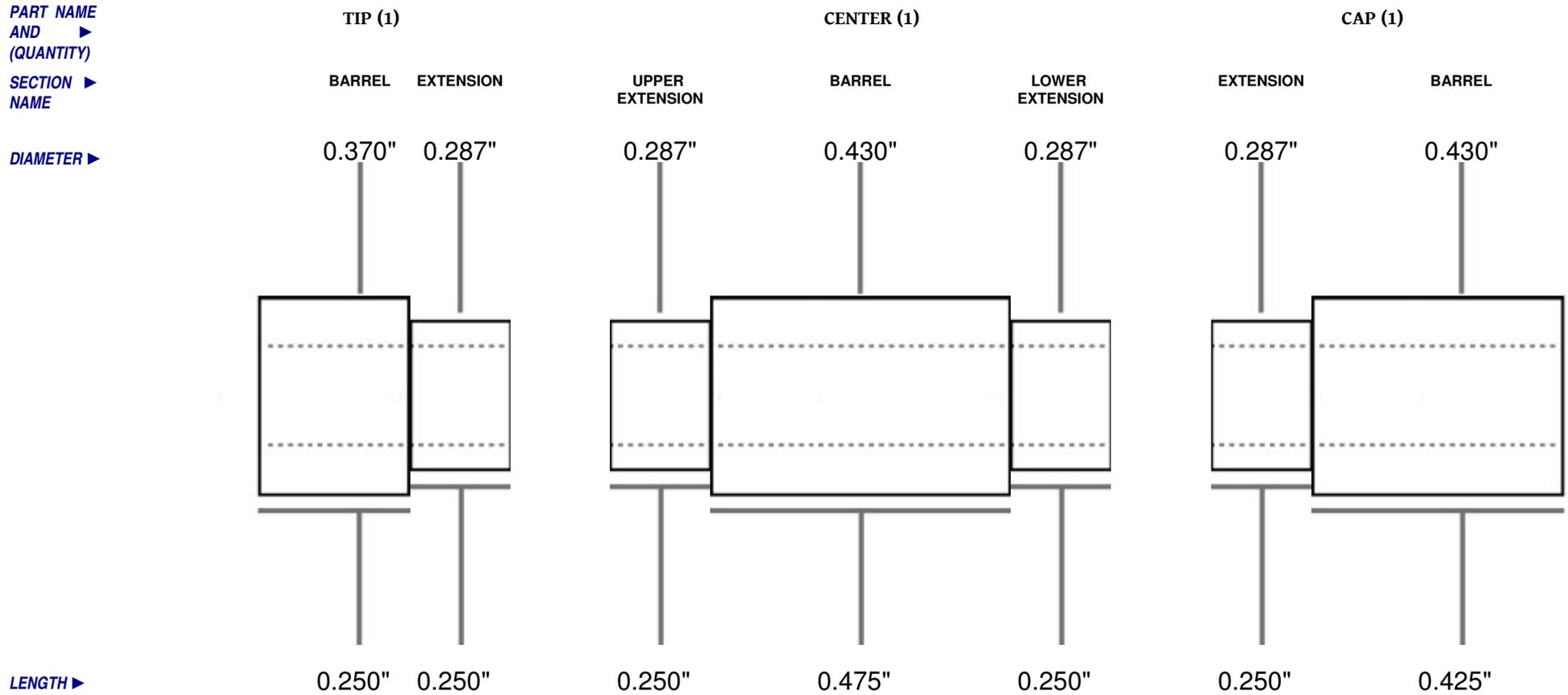
**ID NUMBER PKPOWBU**

**TYPE: BUSHING**

**NOTES:**

**NUMBER OF PARTS 3**

**THRU HOLE STANDARD(0.248")**



**ASSOCIATED PKPOWPCL(XX), PKPOWPEN(XX)**

**KITS:**

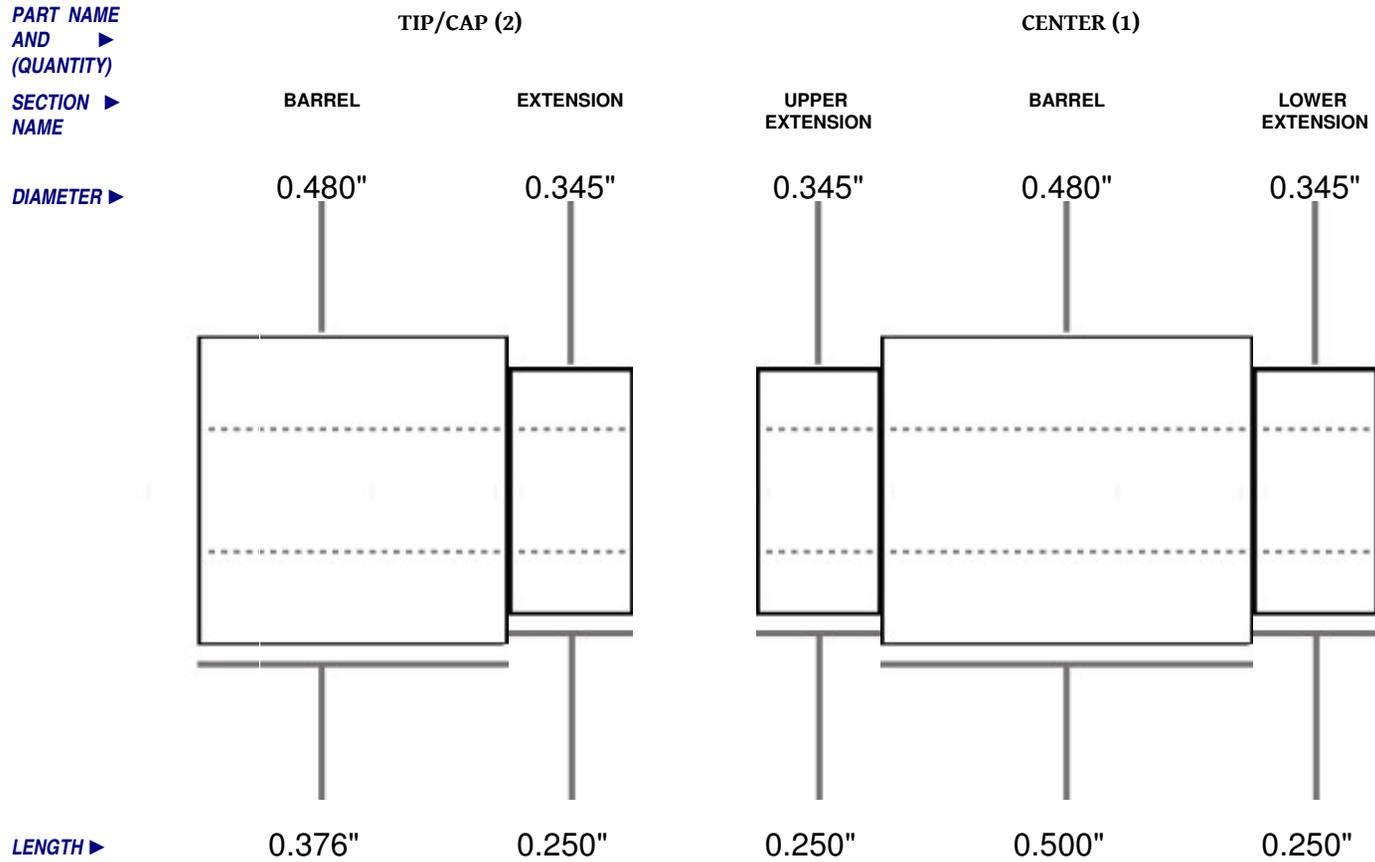
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKPPENBU      **TYPE:** BUSHING

**NOTES:** TIP AND CAP HAVE SAME DIMENSION

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKFLY(XX), PKPPEN(XX)  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

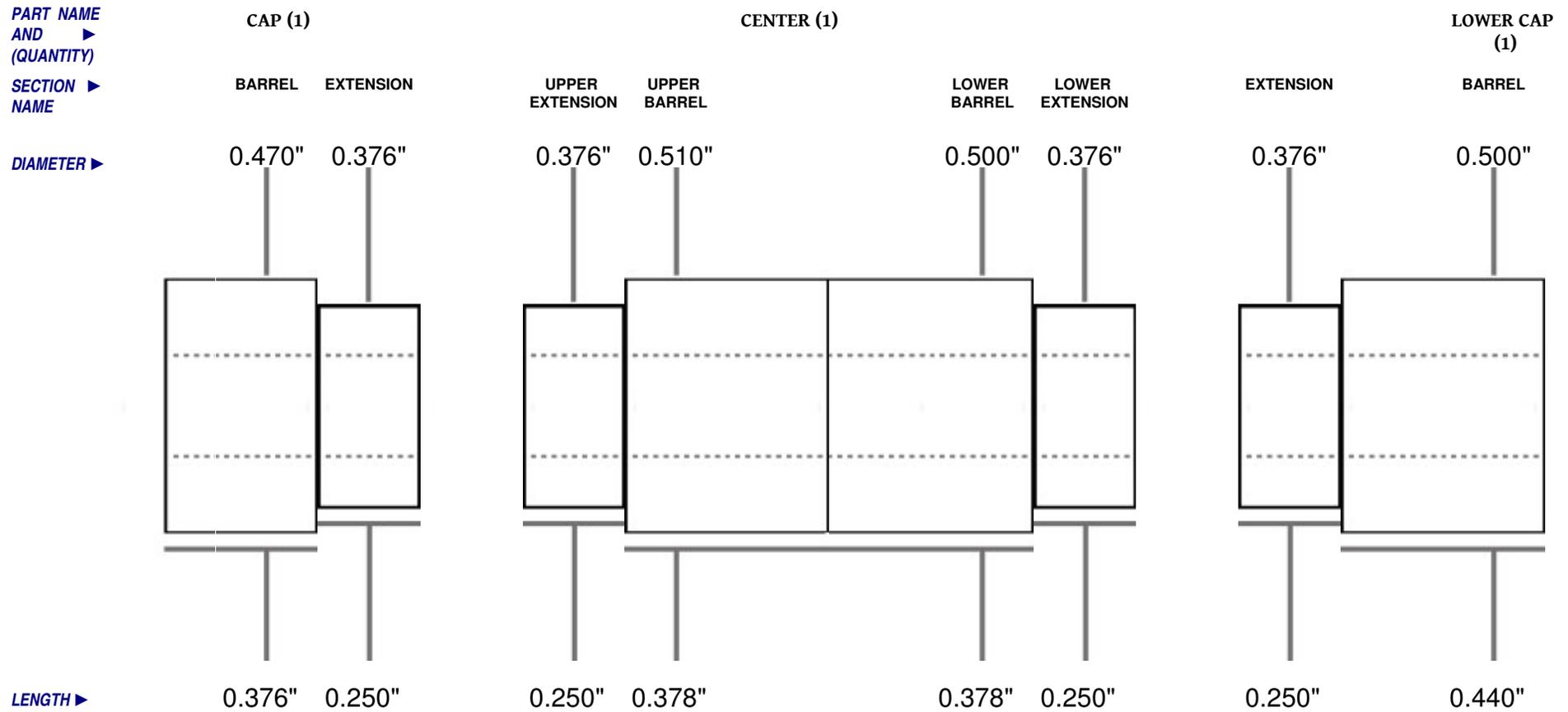
**ID NUMBER** PKPPRBBU

**TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED KITS:** PKPPFP(XX), PKPPRB(XX)

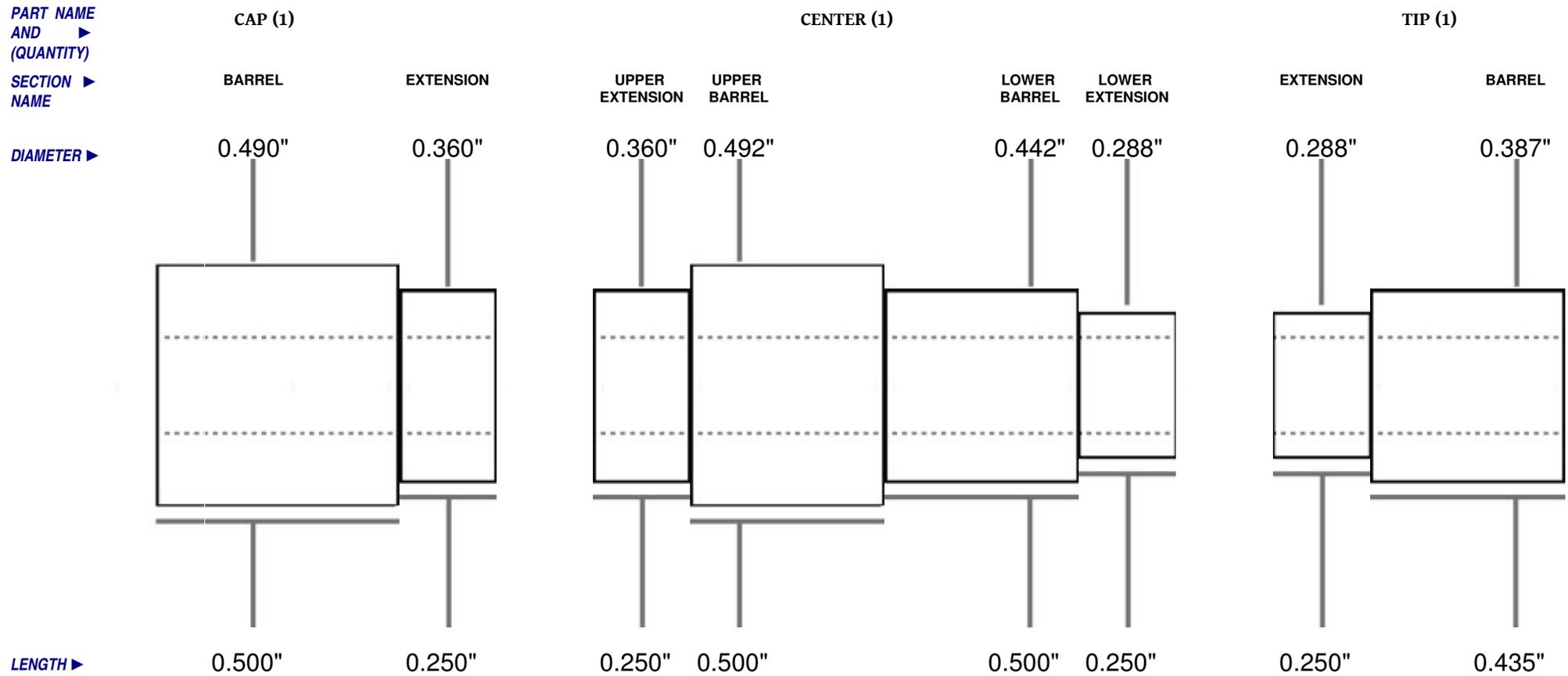
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKPRPENBU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKPRPEN(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKPT100BU      **TYPE:** BUSHING

**NOTES:** TIP/CAP BUSHINGS HAVE SAME DIMENSION

**NUMBER OF PARTS** 2

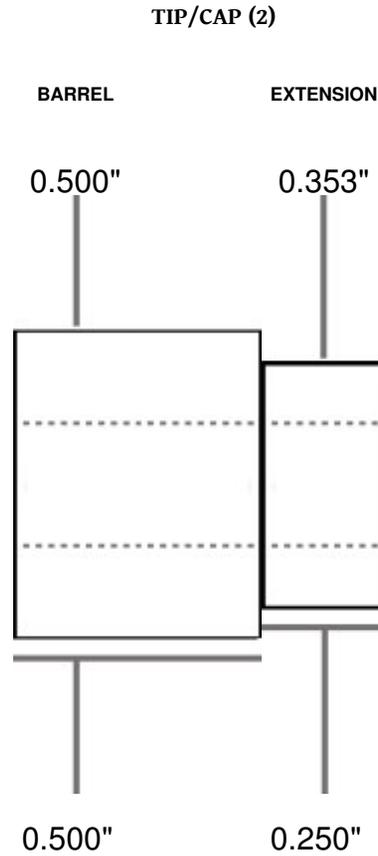
**THRU HOLE** STANDARD(0.248")

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED** PKPT100F(XX), PKPT100R(XX)

**KITS:**

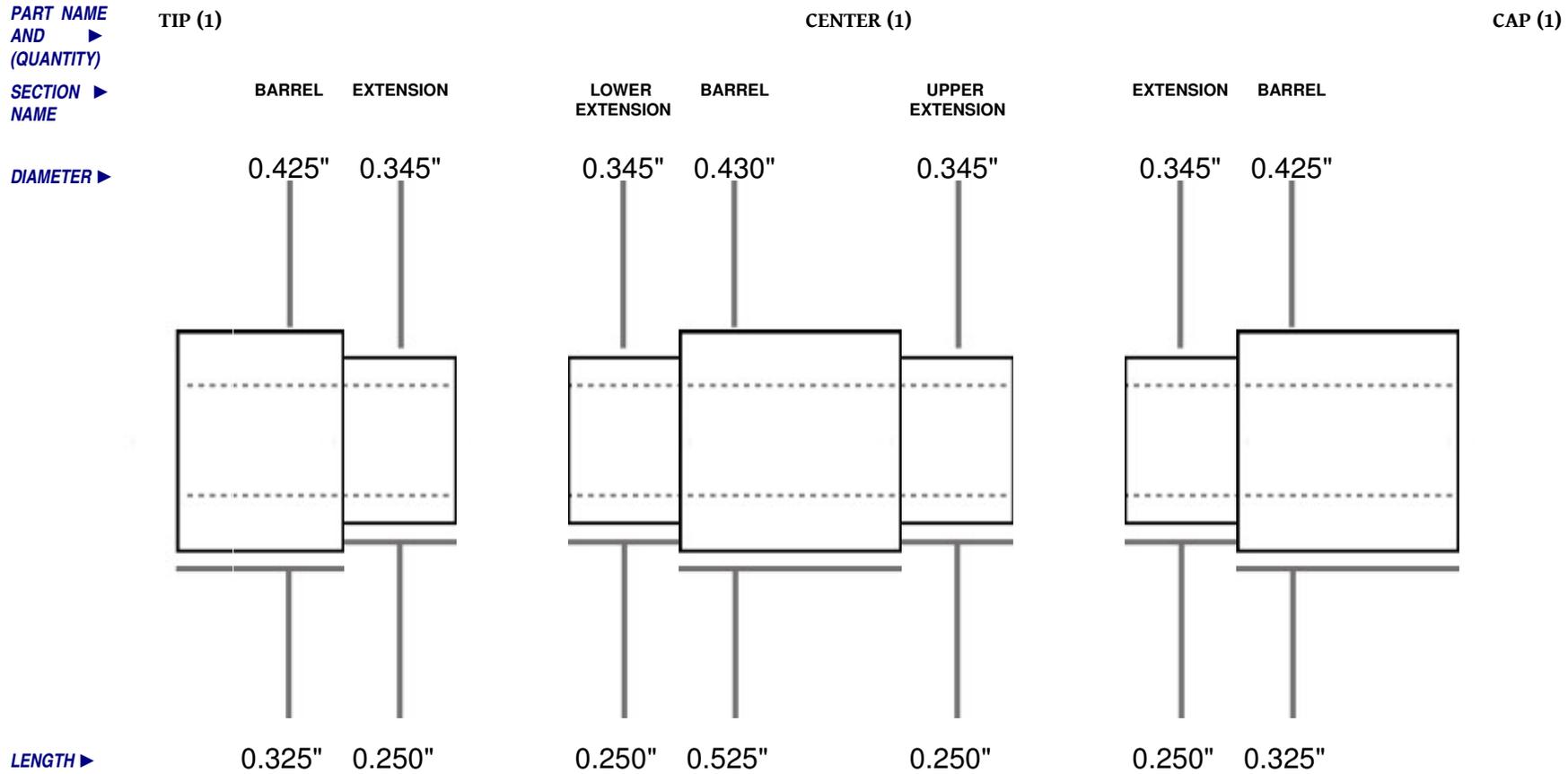
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKPURSEBU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD (0.248")



**ASSOCIATED** PKPURSE(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

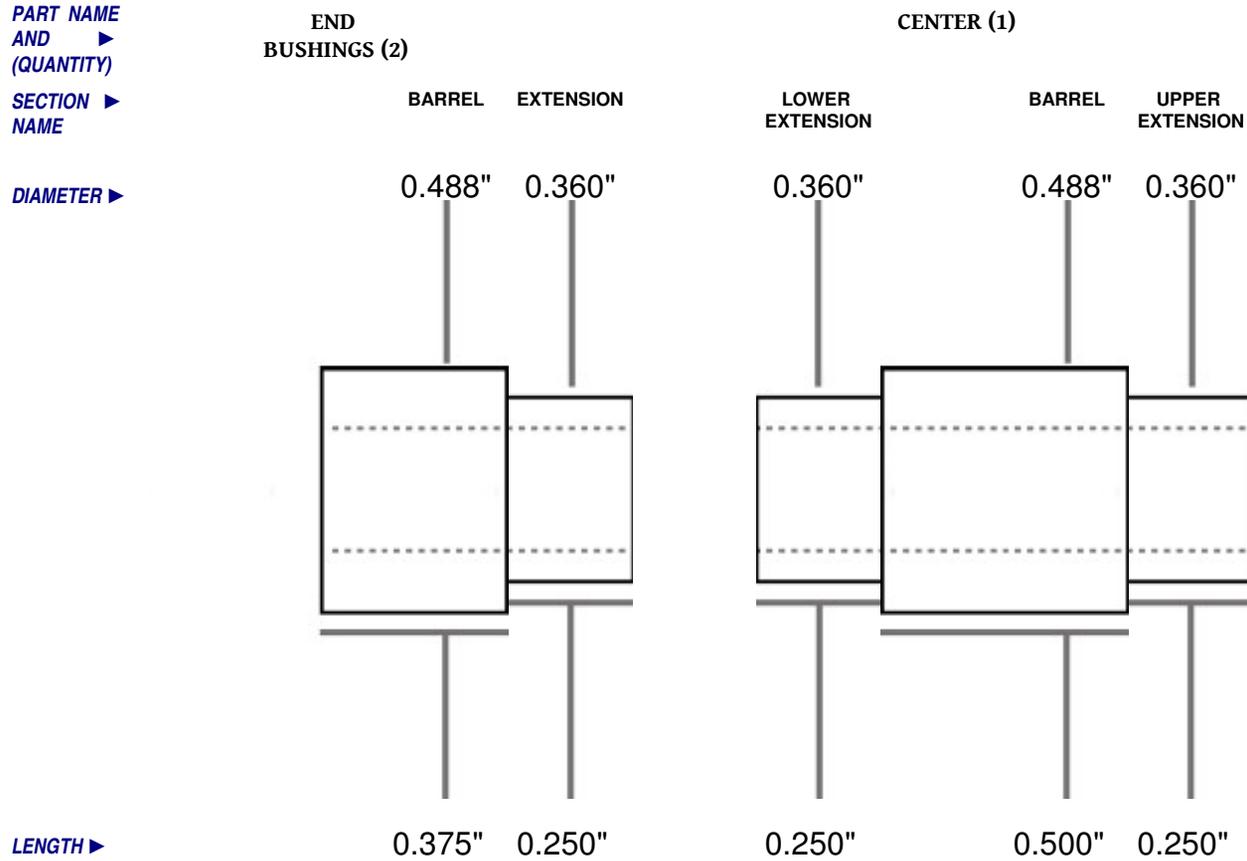
**ID NUMBER** PKPUTBU

**TYPE:** BUSHING

**NOTES:** END BUSHINGS SAME DIAMETERS

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD (0.248")



**ASSOCIATED** PKPUTCH(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKRAHANBU      **TYPE:** BUSHING

**NOTES:** BOTH SIDES HAVE SAME DIMENSIONS

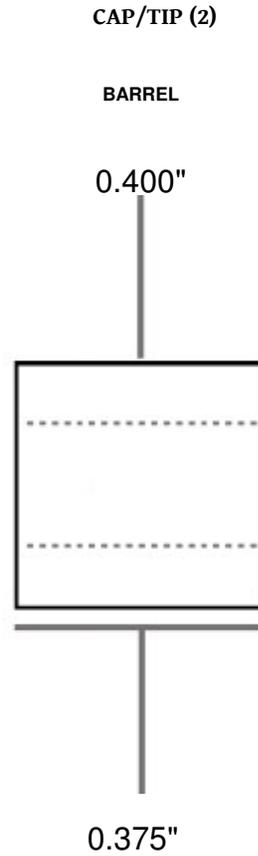
**NUMBER OF PARTS** 2

**THRU HOLE** STANDARD(0.248")

**PART NAME  
AND ►  
(QUANTITY)**

**SECTION ►  
NAME**

**DIAMETER ►**



**LENGTH ►**

**ASSOCIATED** PKBPN(XX), PKRAHAN(XX), PKRASAF(XX), PKTBHAN(XX)  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKRASAF2BU      **TYPE:** BUSHING

**NOTES:** BOTH ENDS SAME DIMENSIONS

**NUMBER OF PARTS** 2

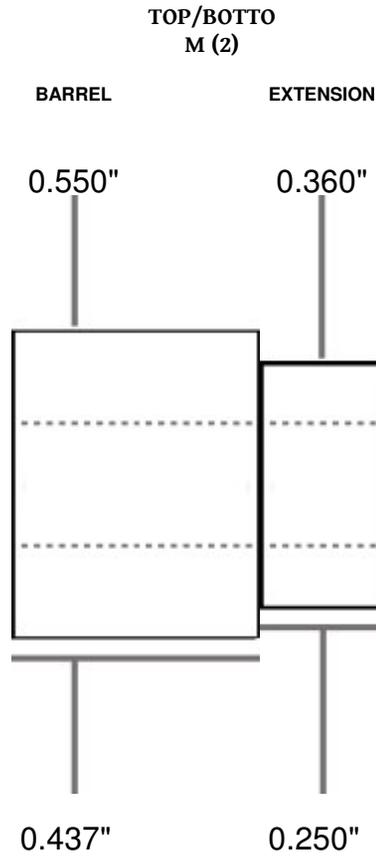
**THRU HOLE** STANDARD (0.248")

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED** PKRASAF2(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKRASTBU

**TYPE:** BUSHING

**NOTES:** BOTH ENDS SAME DIMENSION

**NUMBER OF PARTS** 2

**THRU HOLE** STANDARD(0.248")

**PART NAME  
AND ►  
(QUANTITY)**

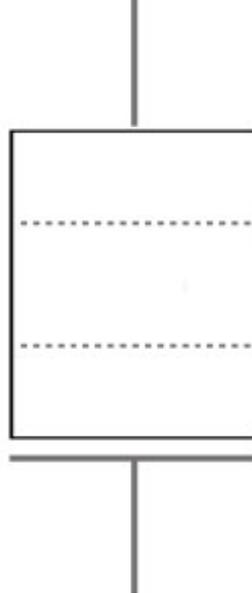
**SECTION ►  
NAME**

**DIAMETER ►**

END (2)

BARREL

0.530"



**LENGTH ►**

0.500"

**ASSOCIATED** PKRASTB(XX), PKRASTE(XX), PKRASTF(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKREVBV

**TYPE:** BUSHING

**NOTES:** BOTH SIDES SAME

**NUMBER OF PARTS** 2

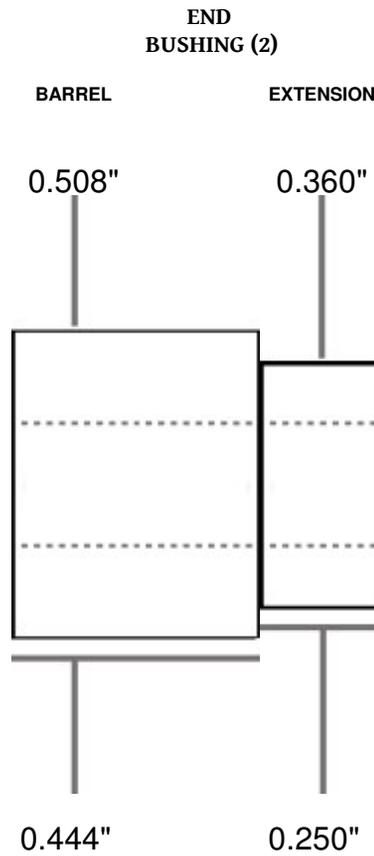
**THRU HOLE** STANDARD (0.248")

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED** PKREV(XX)

**KITS:**

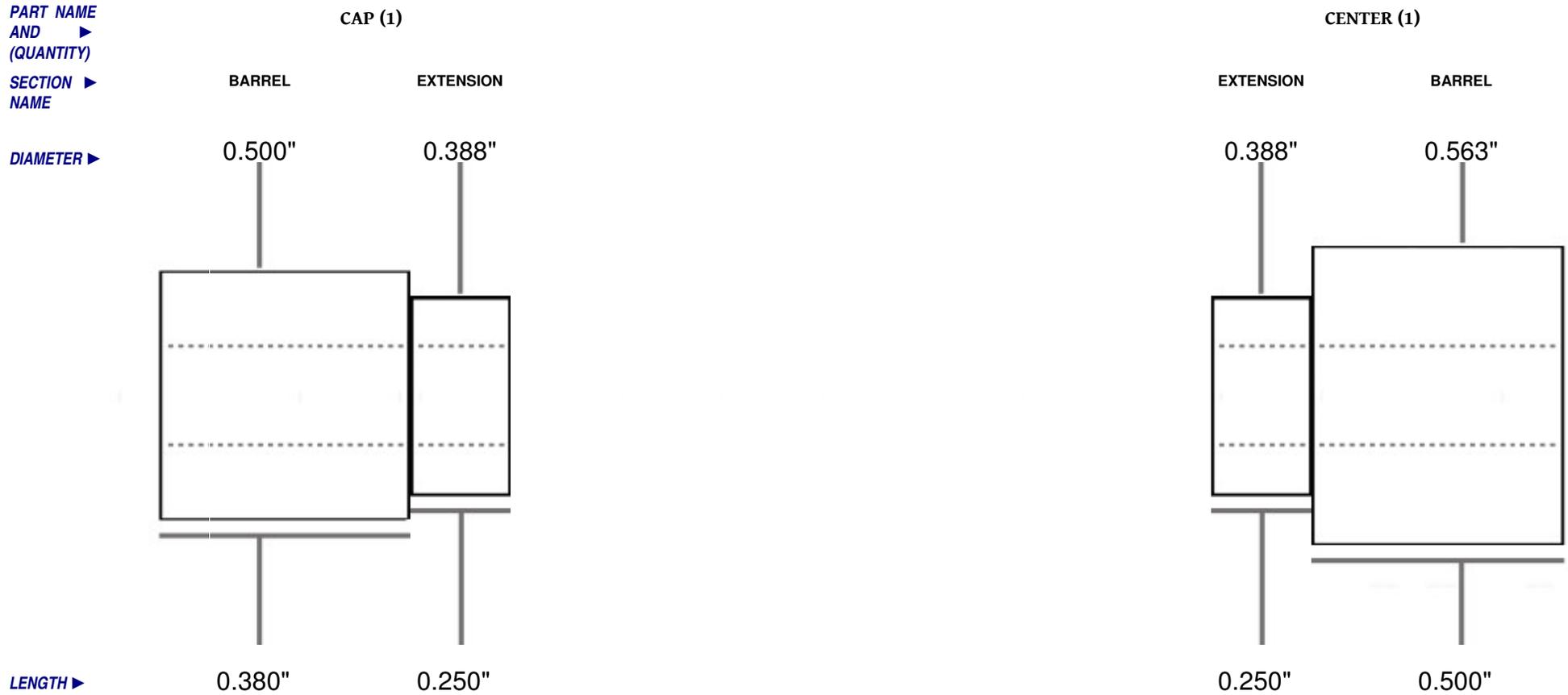
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKSAPENBU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 2

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKSAPEN(XX)  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKSC-BU

**TYPE:** BUSHING

**NOTES:** FOR LETTER OPENER, USE CAP AND WIDER PART OF CENTERBAND.

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")

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**PART NAME  
AND ►  
(QUANTITY)**

**SECTION ►  
NAME**

**DIAMETER ►**

**LENGTH ►**

**ASSOCIATED** PKSC-LO(XX), PKSC-MAG(XX), PKSC-PEN(XX)  
**KITS:**

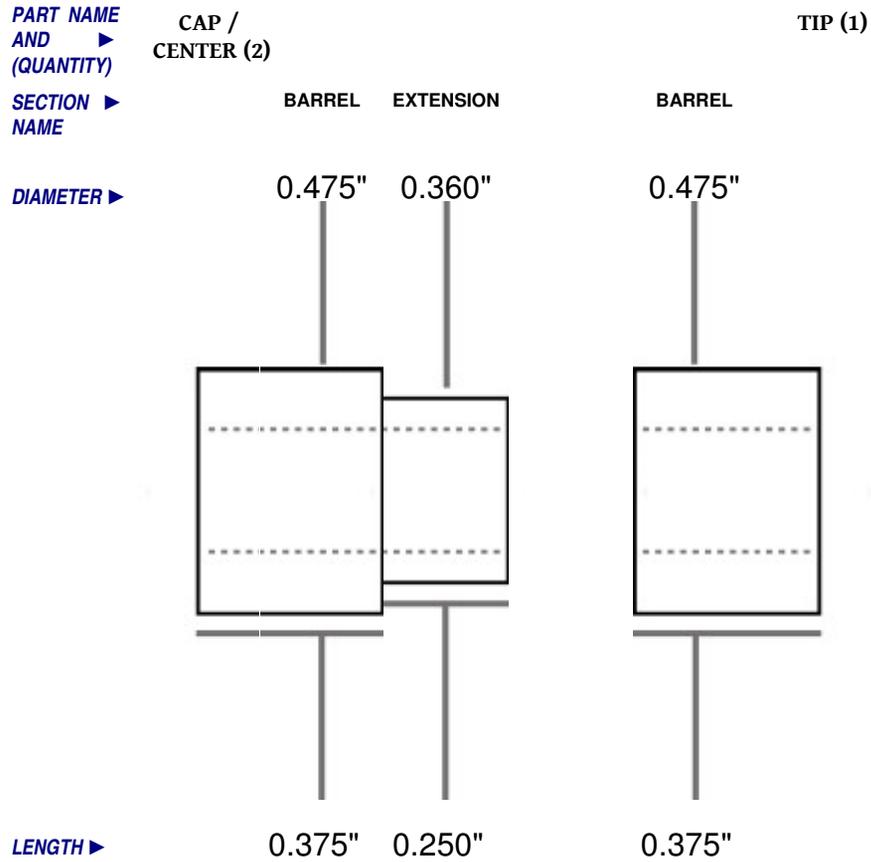
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKSDPENBU      **TYPE:** BUSHING

**NOTES:** CAP / CENTER BUSHINGS SAME DIAMETERS

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD (0.248")



**ASSOCIATED** PKSDPEN(XX)  
**KITS:**

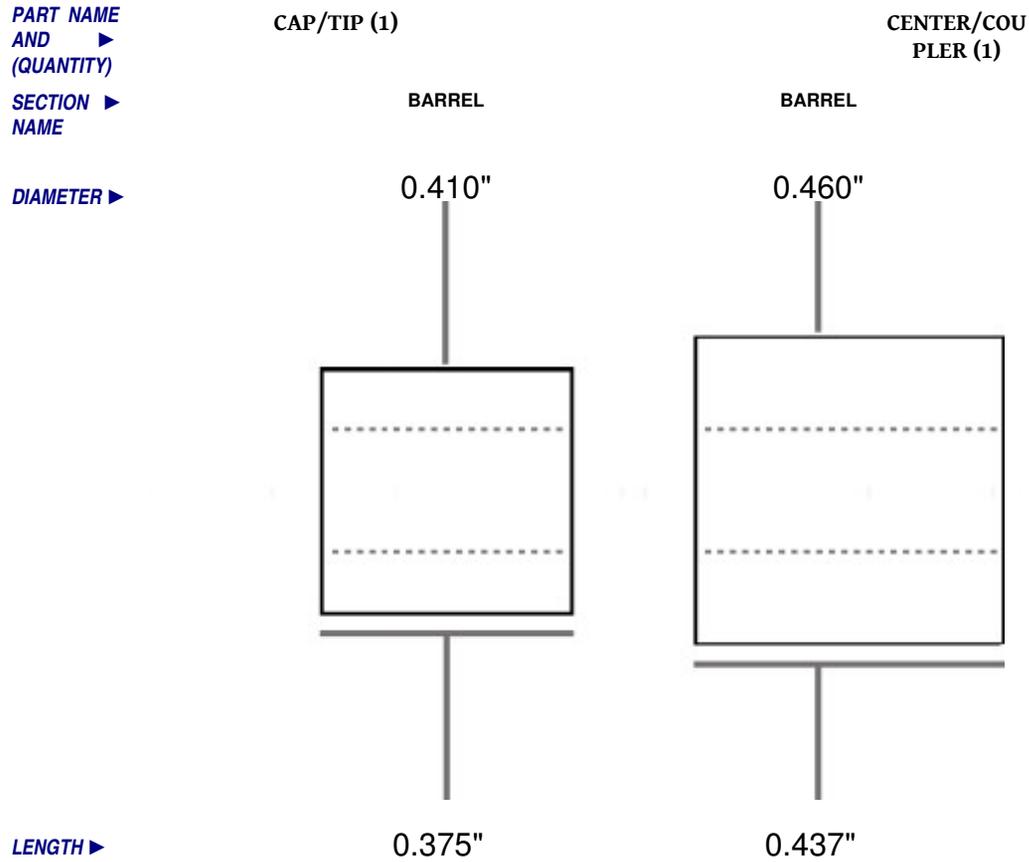
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKSEGPENBU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 4

**THRU HOLE** STANDARD (0.248")



**ASSOCIATED** PKSEGLO(XX), PKSEGMAG(XX), PKSEGPEN(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKSEPILLBU      **TYPE:** BUSHING

**NOTES:** BOTH BUSHINGS SAME DIMENSION

**NUMBER OF PARTS** 2

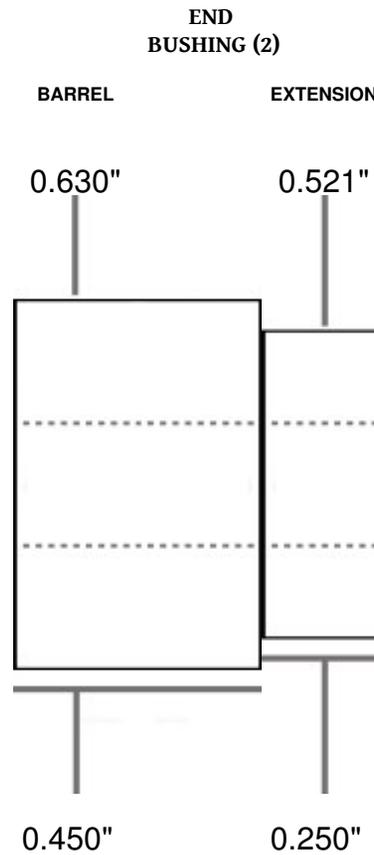
**THRU HOLE** STANDARD (0.248')

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED** PKSEPILL(XX)

**KITS:**

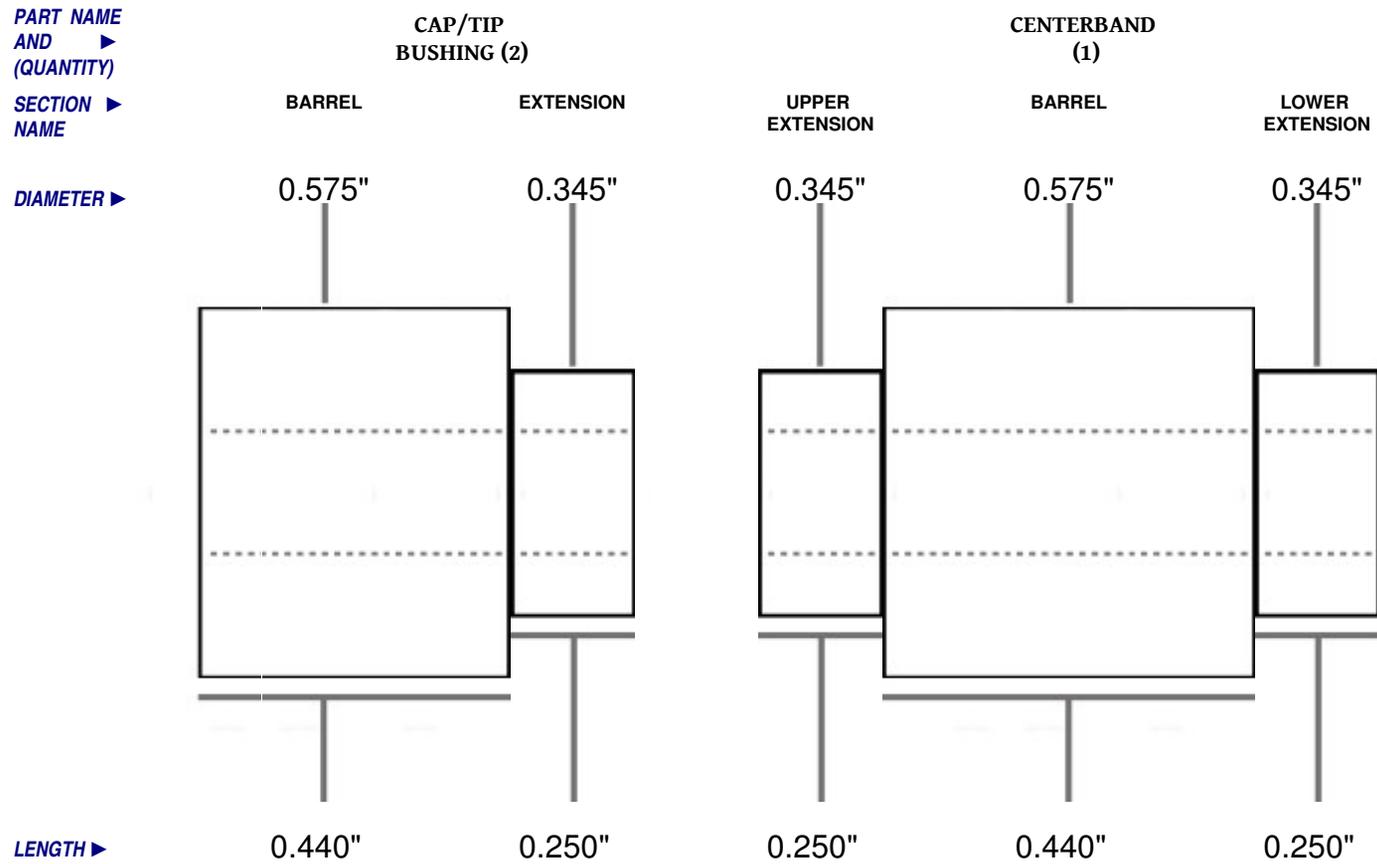
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKSKULLBU      **TYPE:** BUSHING

**NOTES:** CAP AND TIP BUSHINGS SAME DIMENSIONS

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKSKULL(XX)  
**KITS:**

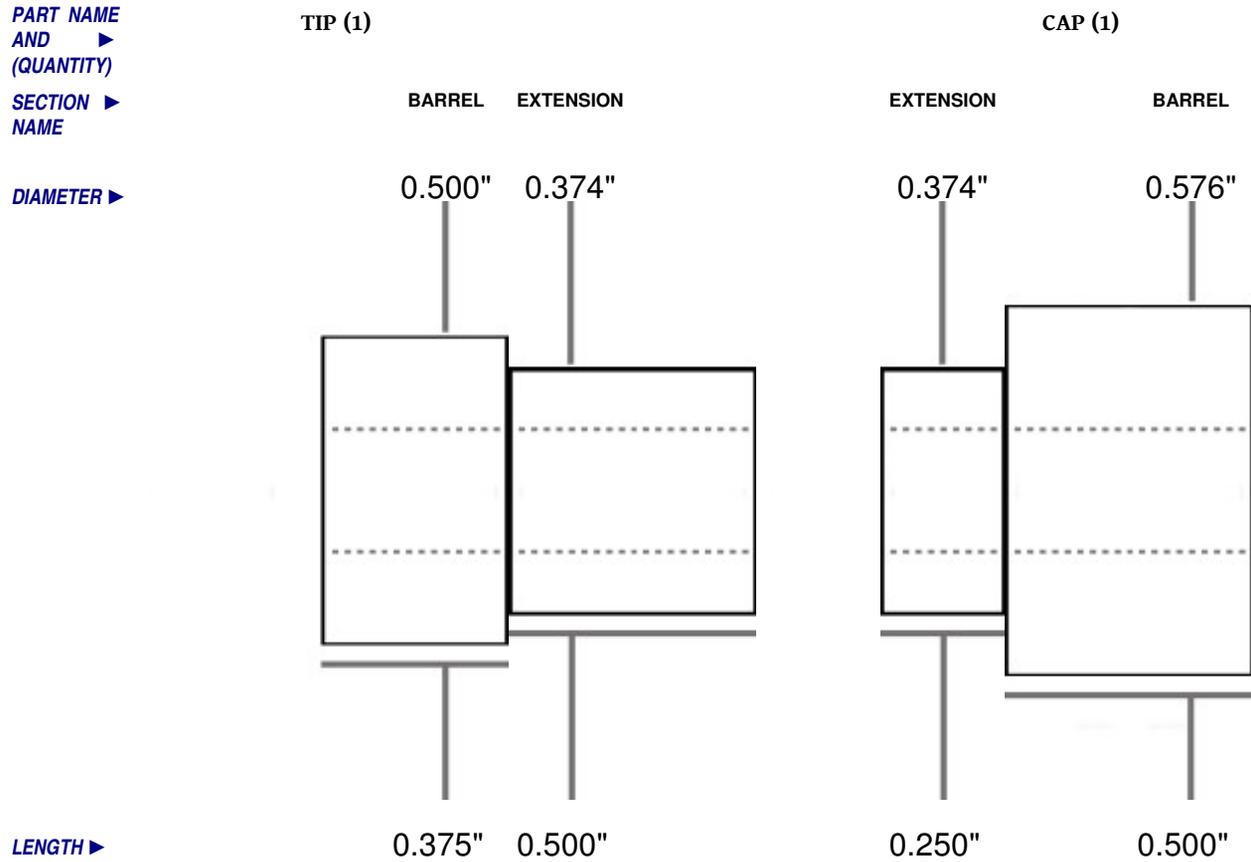
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKSPCL2BU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 2

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKSPCL2(XX)  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKSPCL3BU      **TYPE:** BUSHING

**NOTES:** TOP/BOTTOM SAME DIMENSIONS

**NUMBER OF PARTS** 2

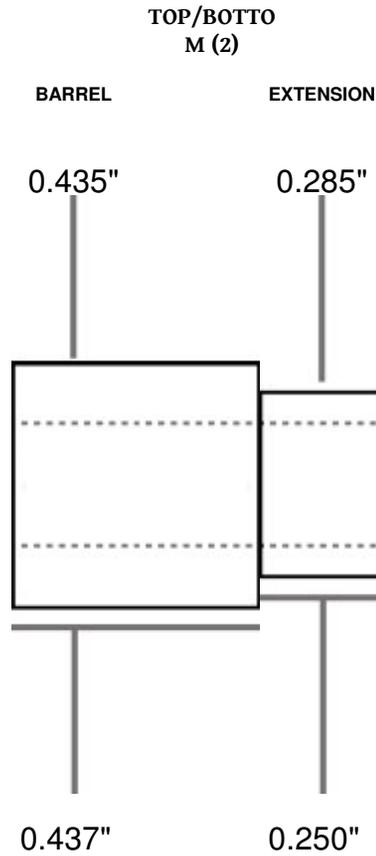
**THRU HOLE** STANDARD (0.248")

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED KITS:** PKSPCL3(XX)

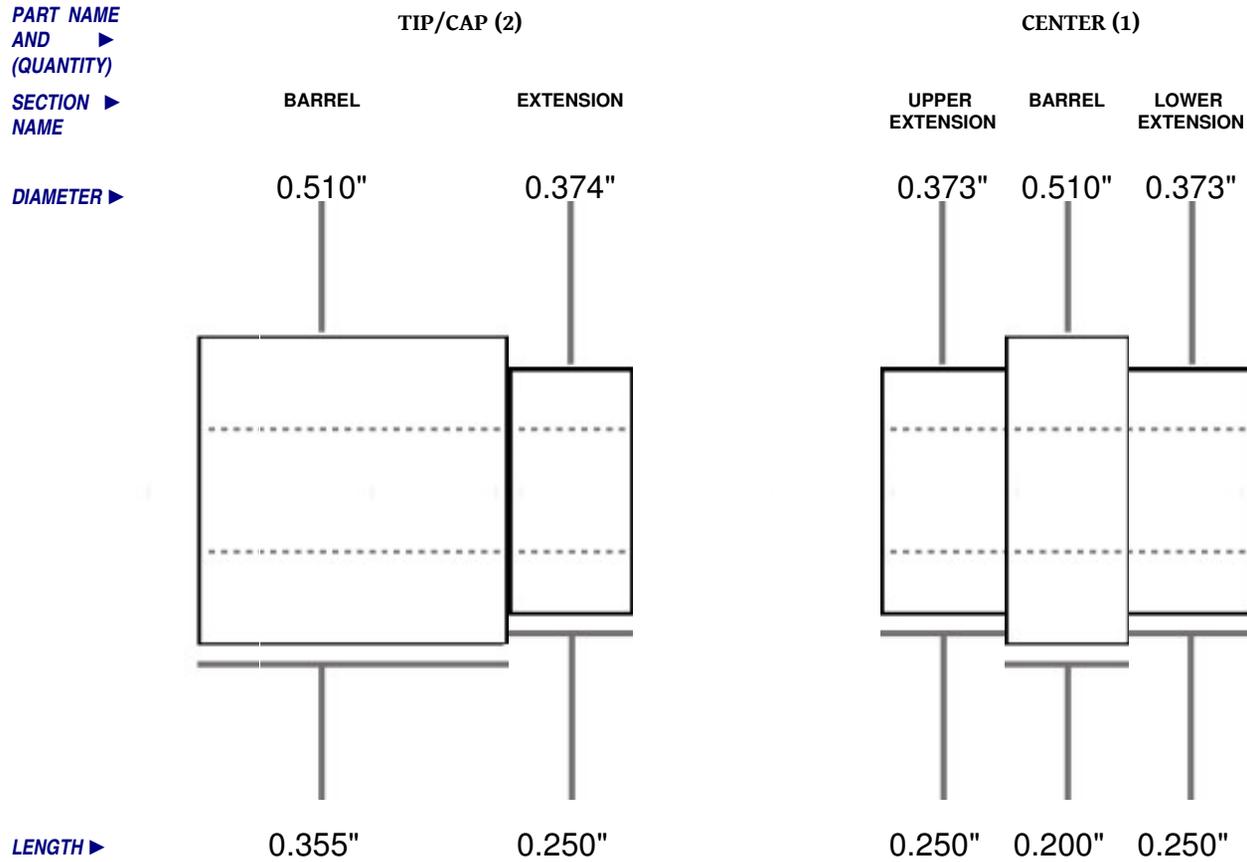
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKSPCLBU      **TYPE:** BUSHING

**NOTES:** TIP AND CAP SAME DIMENSION

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKSPCL(XX)  
**KITS:**

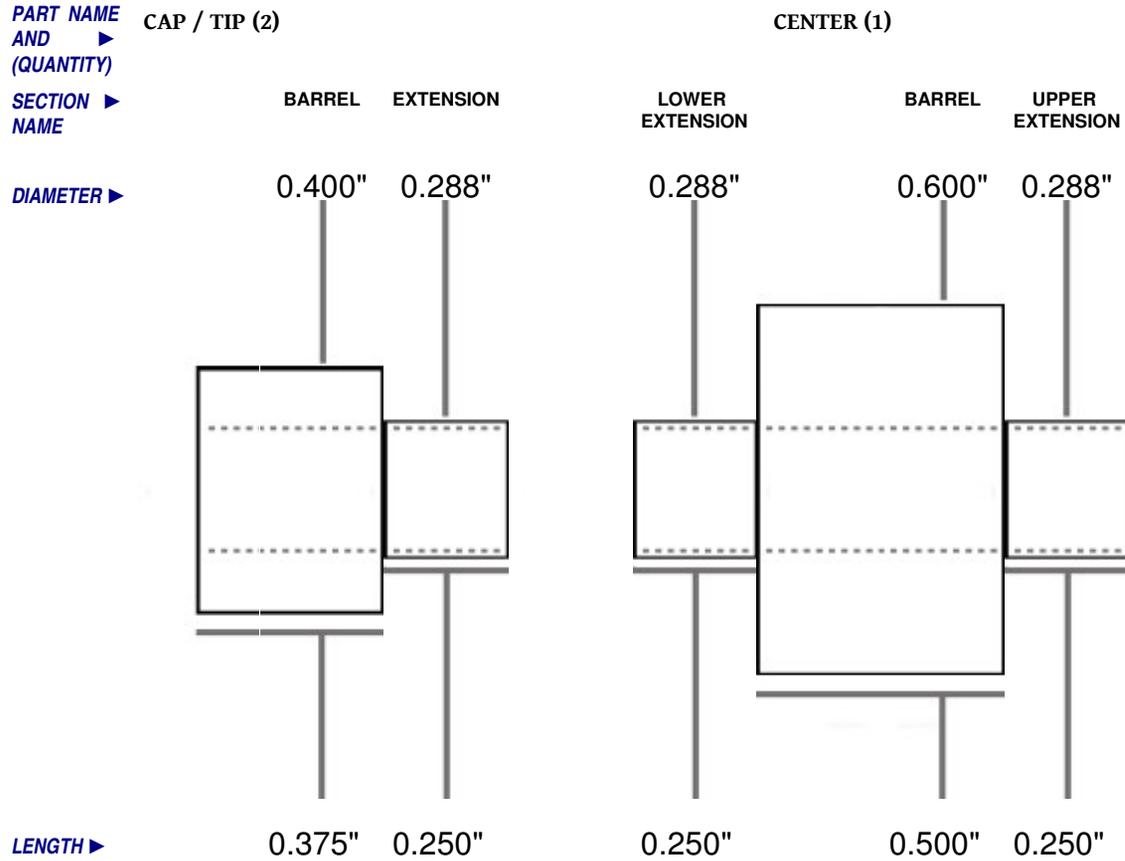
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKSPENBU      **TYPE:** BUSHING

**NOTES:** TIP/CAP SAME DIAMETERS. PEN CENTERBAND IS RECESSED, MEANING SMALLER THAN THE BARREL

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD (0.248")



**ASSOCIATED** PKSPEN(XX)  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKSPRTBU

**TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 2

**THRU HOLE** STANDARD (0.248")

**PART NAME AND (QUANTITY)**

HOLDER END  
(1)

STYLUS END  
(1)

**SECTION NAME**

BARREL

EXTENSION

EXTENSION

BARREL

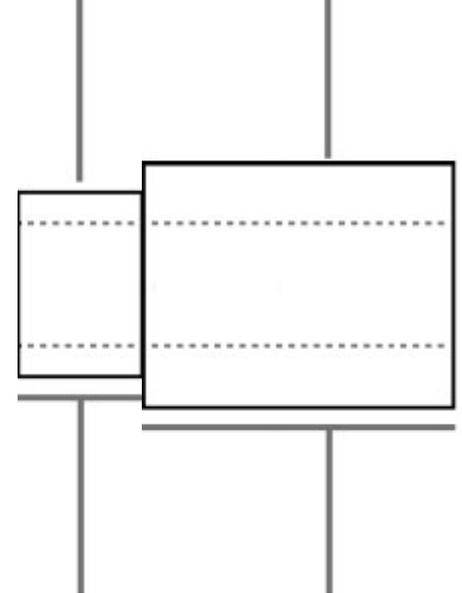
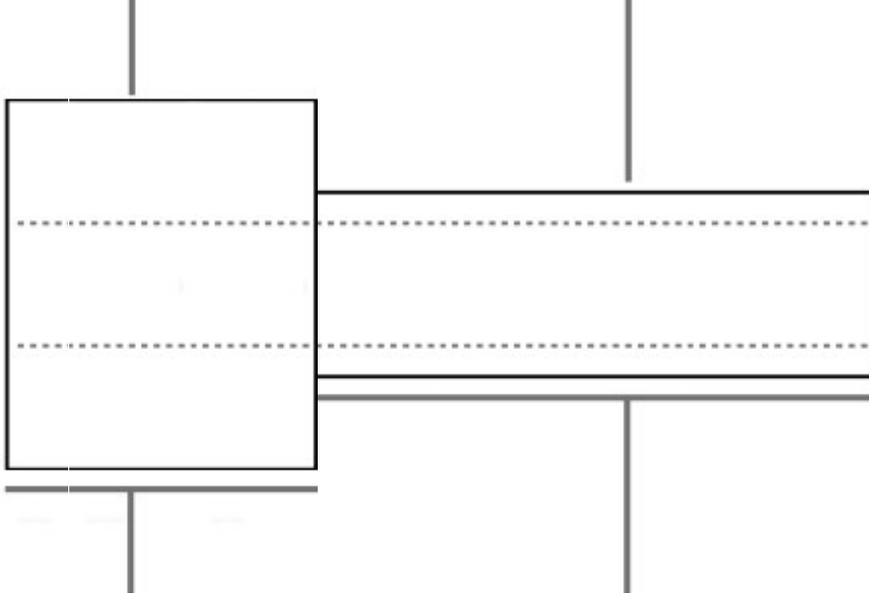
**DIAMETER**

0.638"

0.345"

0.345"

0.456"



**LENGTH**

0.625"

1.090"

0.250"

0.437"

**ASSOCIATED** PKSPRT(XX)

**KITS:**

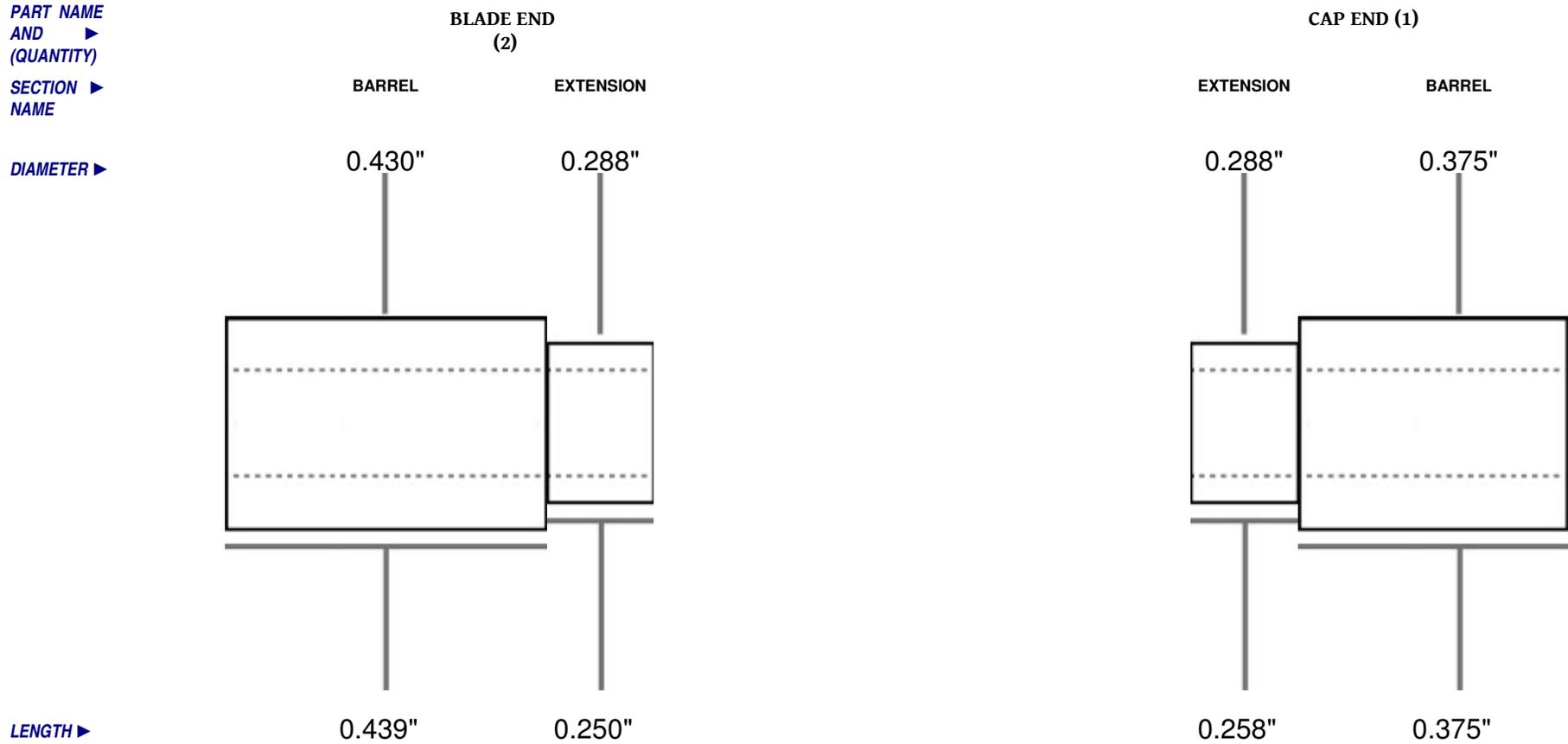
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKSRBU  
**NUMBER OF PARTS** 3

**TYPE:** BUSHING

**NOTES:** CAP END IS ONLY USED FOR SINGLE BLADE KITS.  
DOUBLE KITS USE 2 BLADE ENDS

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED KITS:** PKSR1(XX), PKSR2(XX), PKSR3(XX), PKSR4(XX), PKSRN(XX), PKCROCHET(XX), PKCRONEC(XX)

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

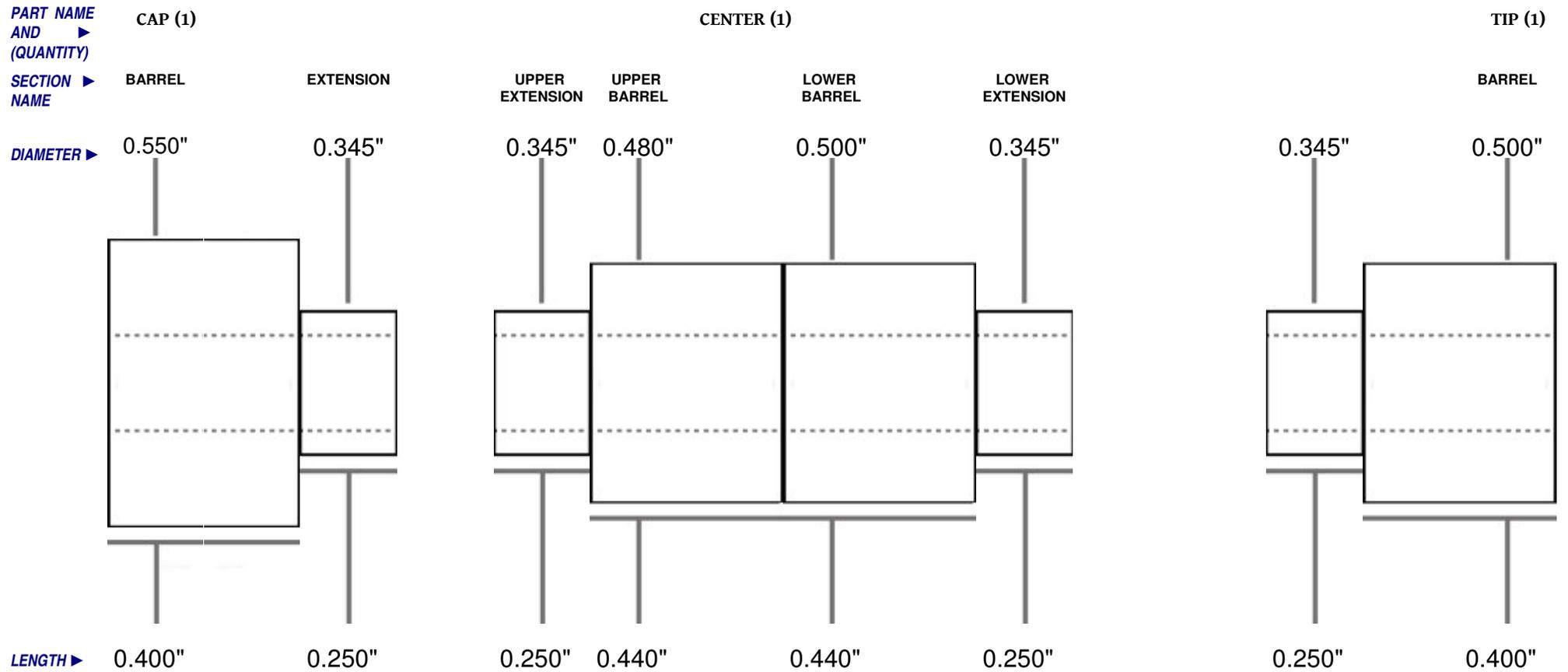
**ID NUMBER** PKSWPBU

**TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKSW(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKTANKBU      **TYPE:** BUSHING

**NOTES:** CAP AND TIP HAVE SAME DIMENSIONS

**NUMBER OF PARTS** 2

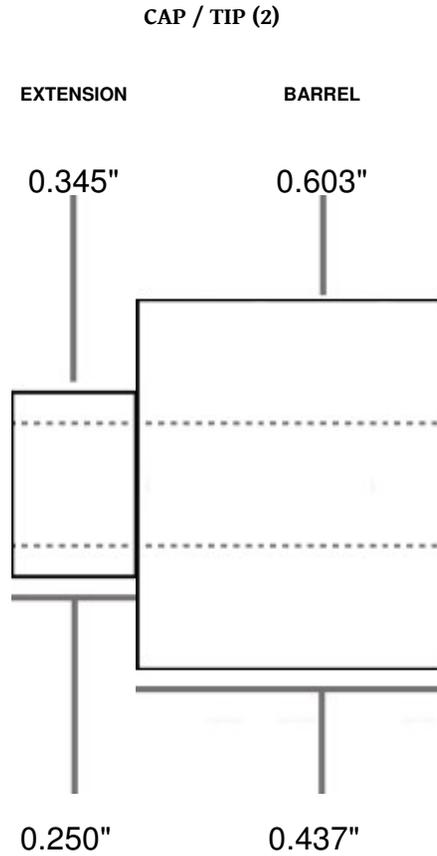
**THRU HOLE** STANDARD (0.248')

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED** PKTANK(XX)  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKTOOL2BU      **TYPE:** BUSHING

**NOTES:** TIP/CAP SAME DIMENSIONS

**NUMBER OF PARTS** 2

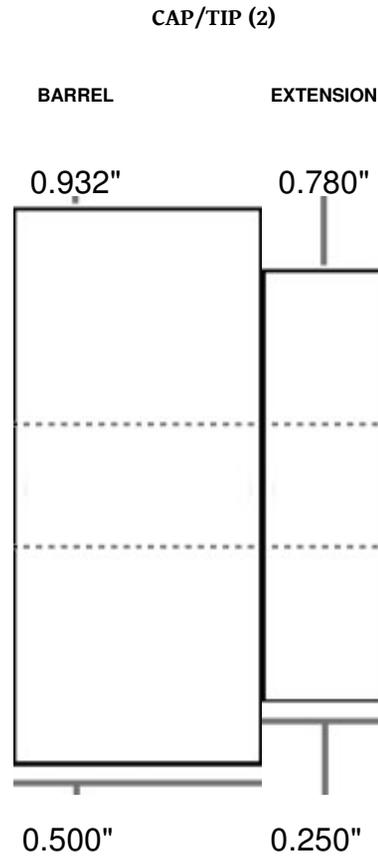
**THRU HOLE** STANDARD (0.248")

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED KITS:** PKRABHKIT2(XX)

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKTPENBU

**TYPE:** BUSHING

**NOTES:** CAP/TIP SAME DIMENSION

**NUMBER OF PARTS** 2

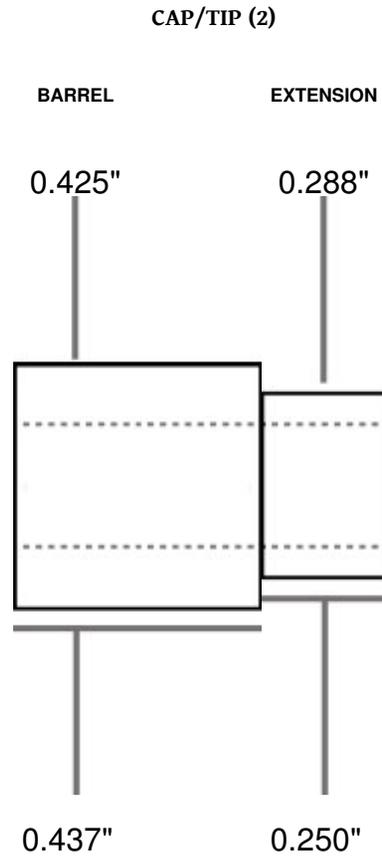
**THRU HOLE** STANDARD (0.248')

**PART NAME AND (QUANTITY)**

**SECTION NAME**

**DIAMETER**

**LENGTH**



**ASSOCIATED** PKTPEN(XX)  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKTS100BU

**TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 2

**THRU HOLE** STANDARD (0.248")

**PART NAME  
AND ►  
(QUANTITY)**

**SECTION ►  
NAME**

**DIAMETER ►**

**CAP END (1)**

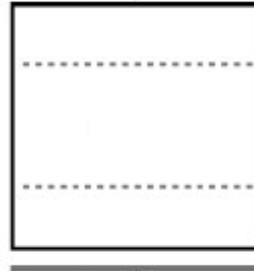
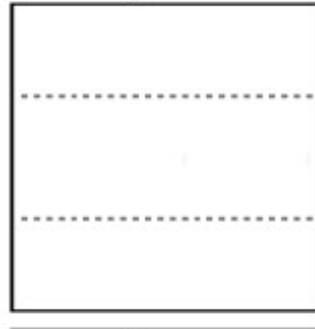
**STYLUS END  
(1)**

**BARREL**

**BARREL**

0.510"

0.380"



0.437"

0.375"

**LENGTH ►**

**ASSOCIATED** PKTS1(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKTSTECBU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")

<b>PART NAME AND QUANTITY</b>	<b>CAP (1)</b>	<b>CENTER (1)</b>	<b>TIP (1)</b>
<b>SECTION NAME</b>	BARREL	BARREL	BARREL
<b>DIAMETER</b>	0.428"	0.436"	0.350"
<b>LENGTH</b>	0.439"	0.502"	0.376"

**ASSOCIATED** PKTSTEC(XX)  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKTYBTS      **TYPE:** TRIMMING SLEEVE

**NOTES:** FITS STANDARD TUBES SIZED 15/32" (UPPER) AND 25/64" (LOWER)

**NUMBER OF PARTS** 2

**THRU HOLE** 7MM TRIMMER SHAFT

**PART NAME AND (QUANTITY)**

UPPER (1)

LOWER (1)

**SECTION NAME**

BARREL

BARREL

**DIAMETER**

0.428"

0.356"



**LENGTH**

1.690"

1.937"

**ASSOCIATED KITS:**

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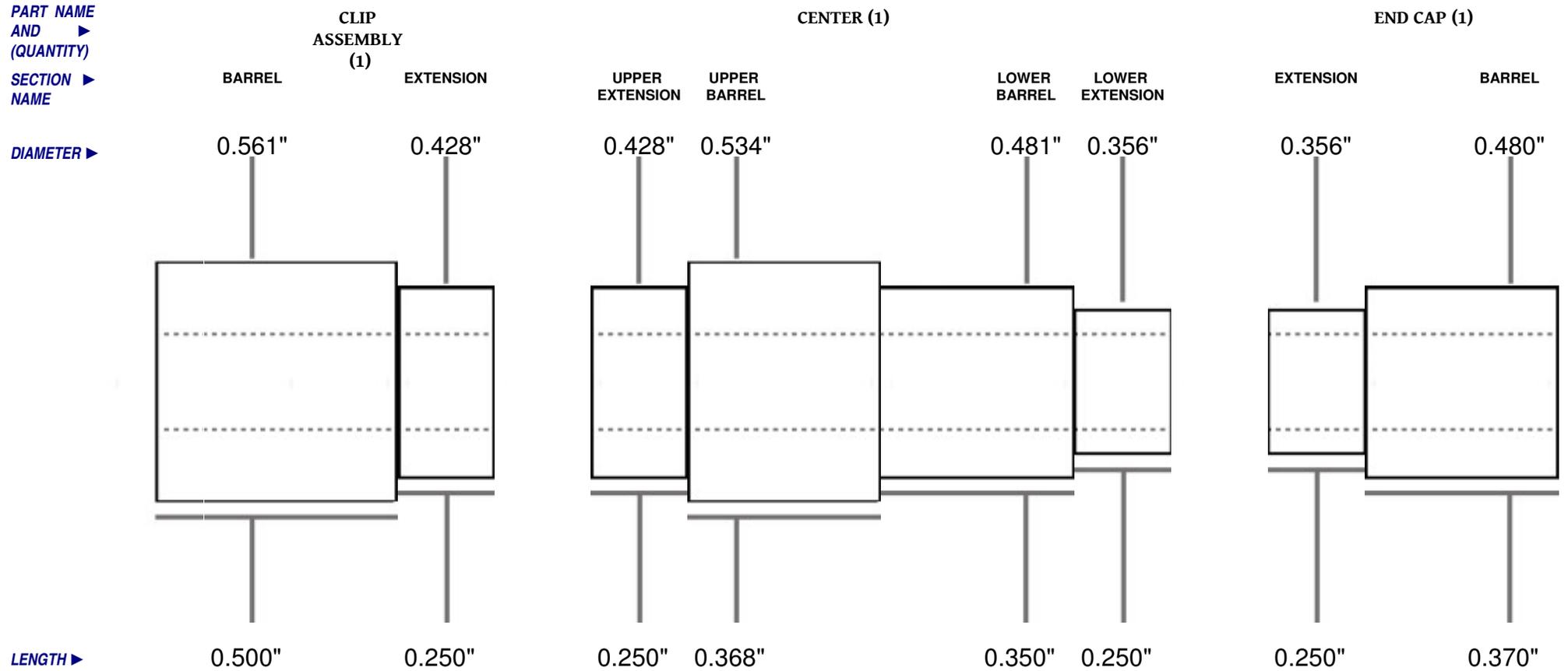
**ID NUMBER PKTYBU**

**TYPE: BUSHING**

**NOTES:**

**NUMBER OF PARTS 3**

**THRU HOLE STANDARD(0.248")**



**ASSOCIATED PKTYFP(XX), PKTYRB(XX)**

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

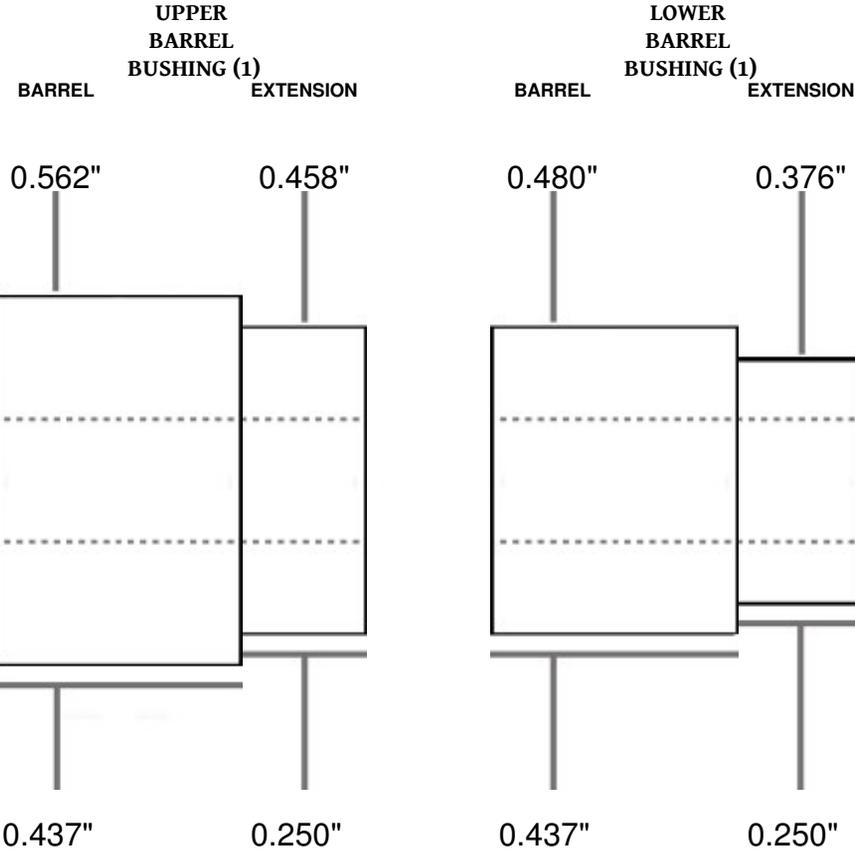
**ID NUMBER** PKTYCEBU      **TYPE:** BUSHING

**NOTES:** USED IN "BIG GRABBER" CLOSED END SYSTEM. ONE BUSHING IS USED FOR EACH BARREL

**NUMBER OF PARTS** 2

**THRU HOLE** STANDARD (0.248")

**PART NAME AND (QUANTITY)**  
**SECTION NAME**



**LENGTH**

**ASSOCIATED KITS:** PKTYCF(XX), PKTYCR(XX)

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKVESBU

**TYPE:** BUSHING

**NOTES:** CAP AND TIP SAME SIZE

**NUMBER OF PARTS** 2

**THRU HOLE** STANDARD (0.248")

**PART NAME AND (QUANTITY)**

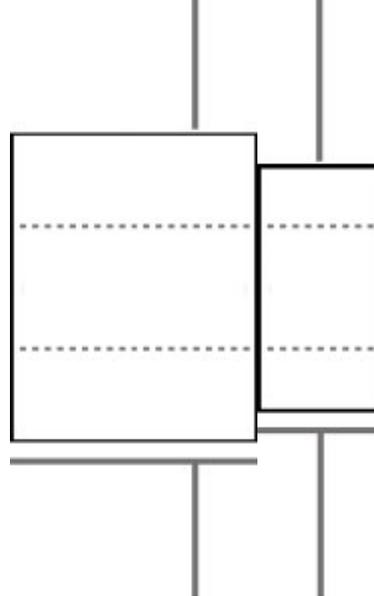
**SECTION NAME**

**DIAMETER**

CAP/TIP (2)

BARREL EXTENSION

0.474" 0.360"



**LENGTH**

0.438" 0.250"

**ASSOCIATED** PKVEP(XX), PKVES(XX)

**KITS:**

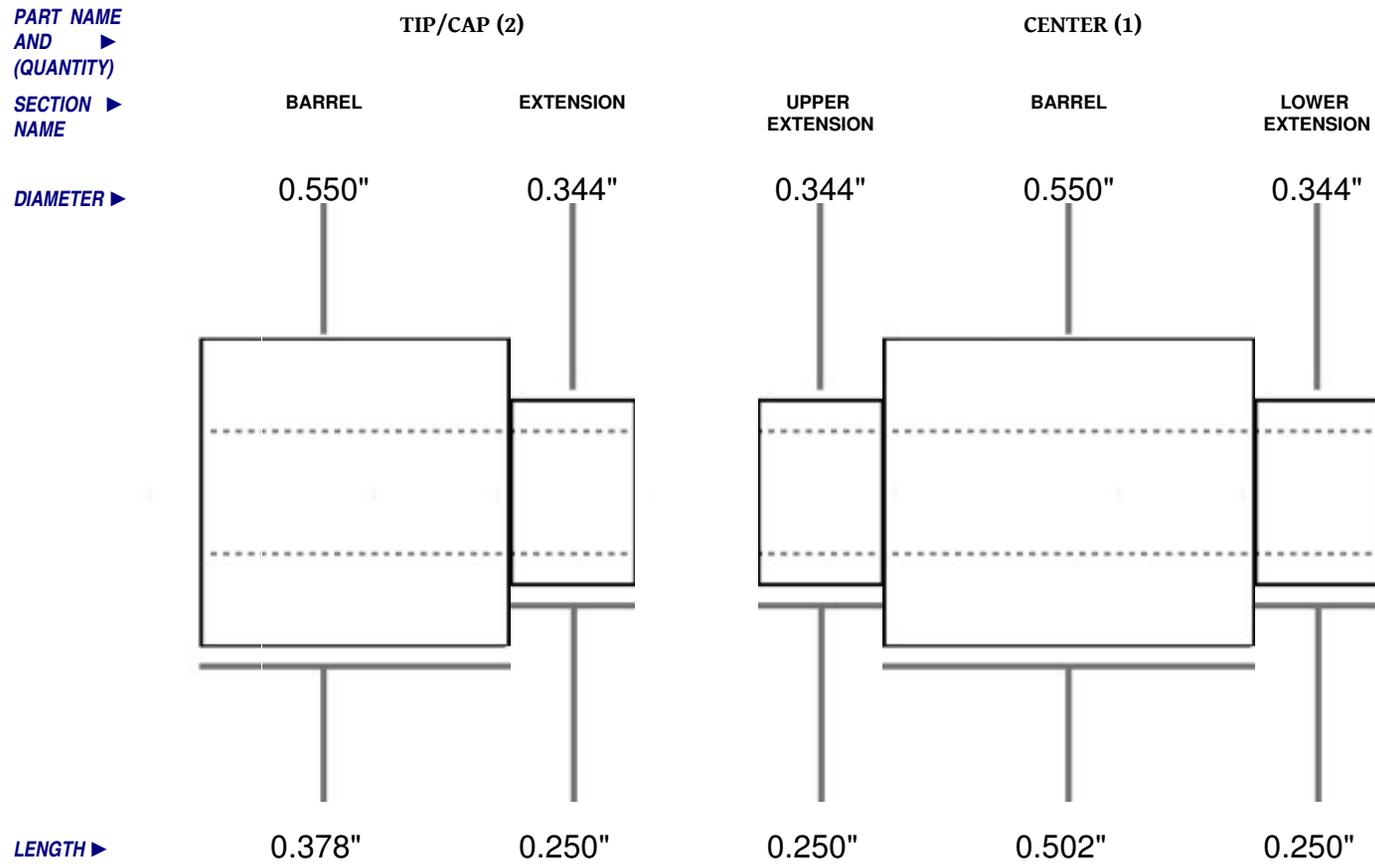
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKVICBU      **TYPE:** BUSHING

**NOTES:** TIP AND CAP ARE SAME DIMENSION

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKGAM(XX), PKGTP(XX), PKRISE(XX), PKSPP(XX), PKVIC(XX)

**KITS:**

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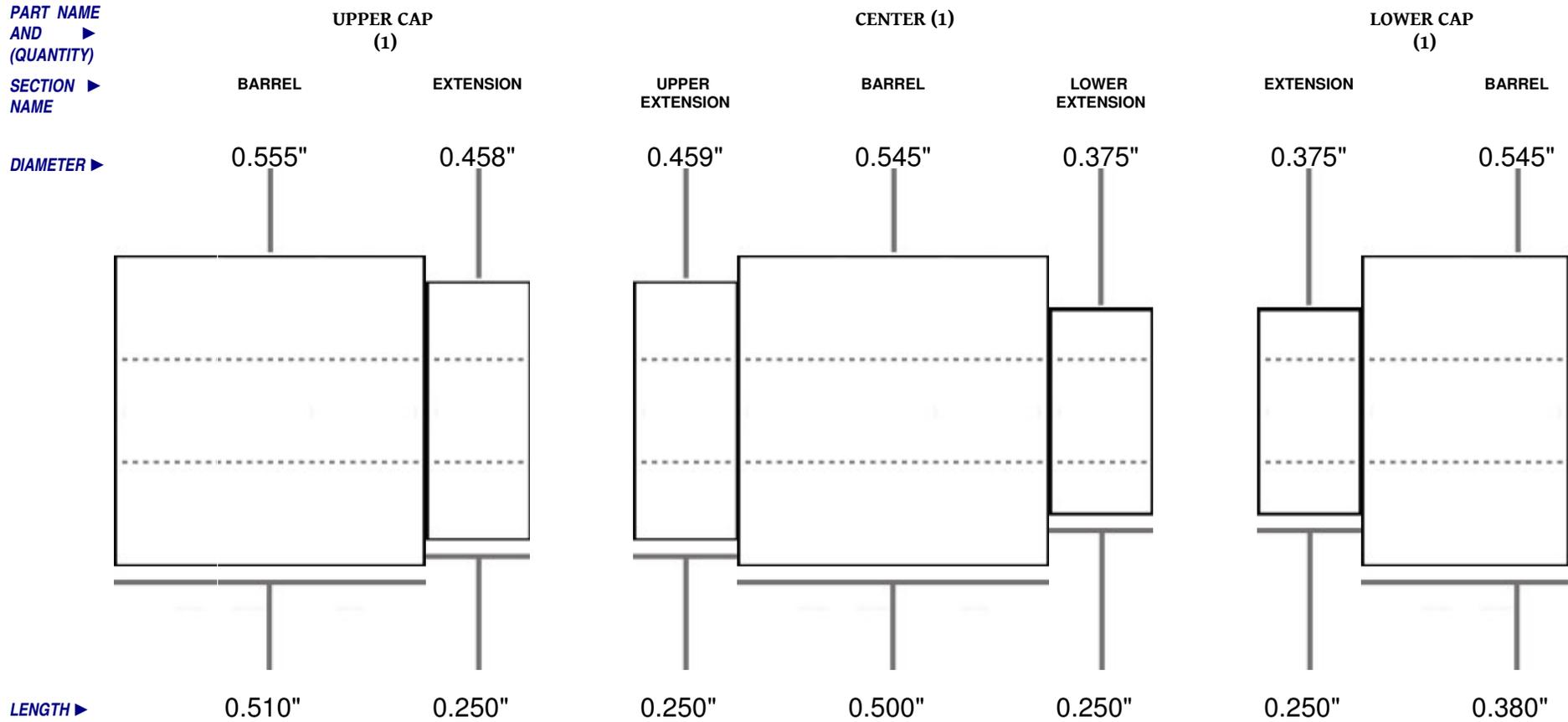
**ID NUMBER** PKVICRBU

**TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKVICFP(XX), PKVICRB(XX)

**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

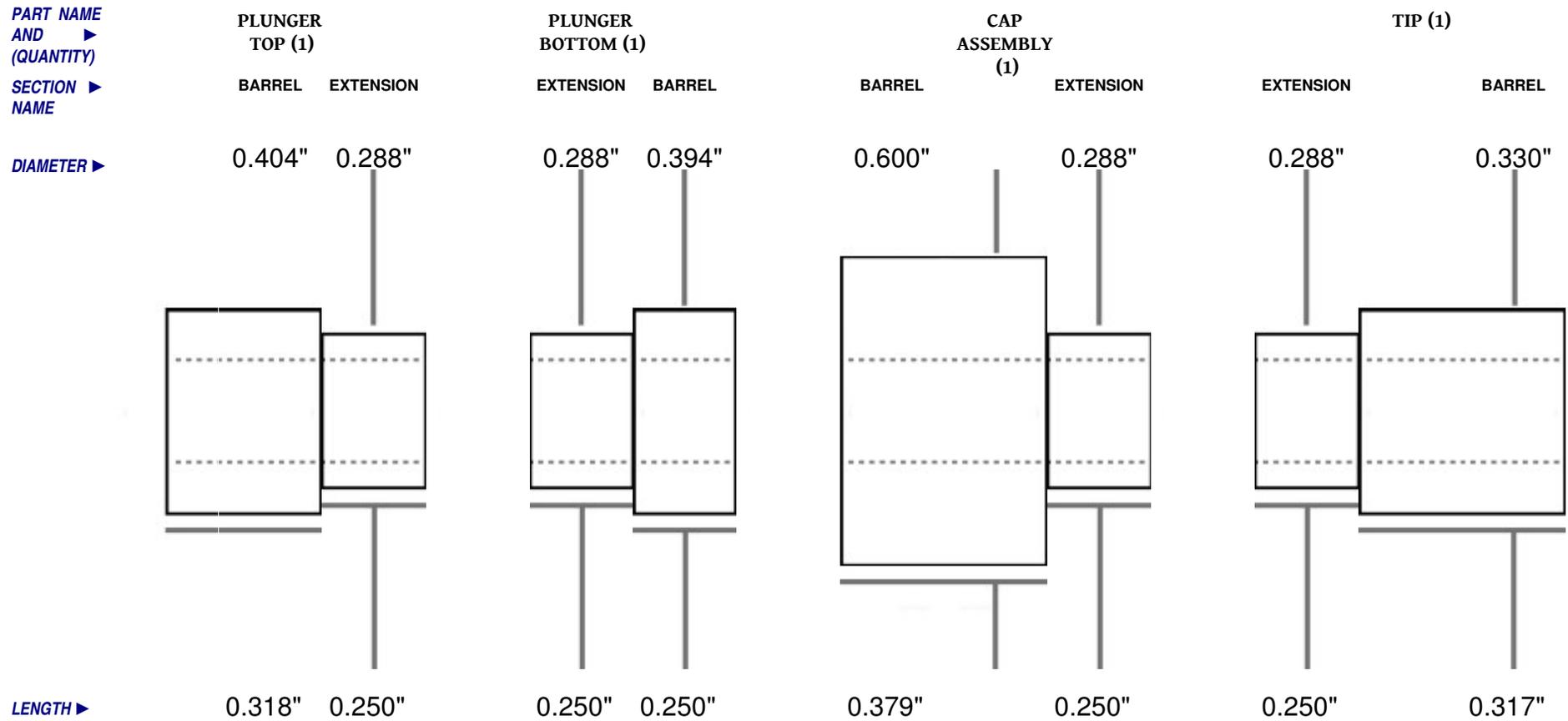
**ID NUMBER** PKVPENBU

**TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 4

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKVPEN(XX)

**KITS:**

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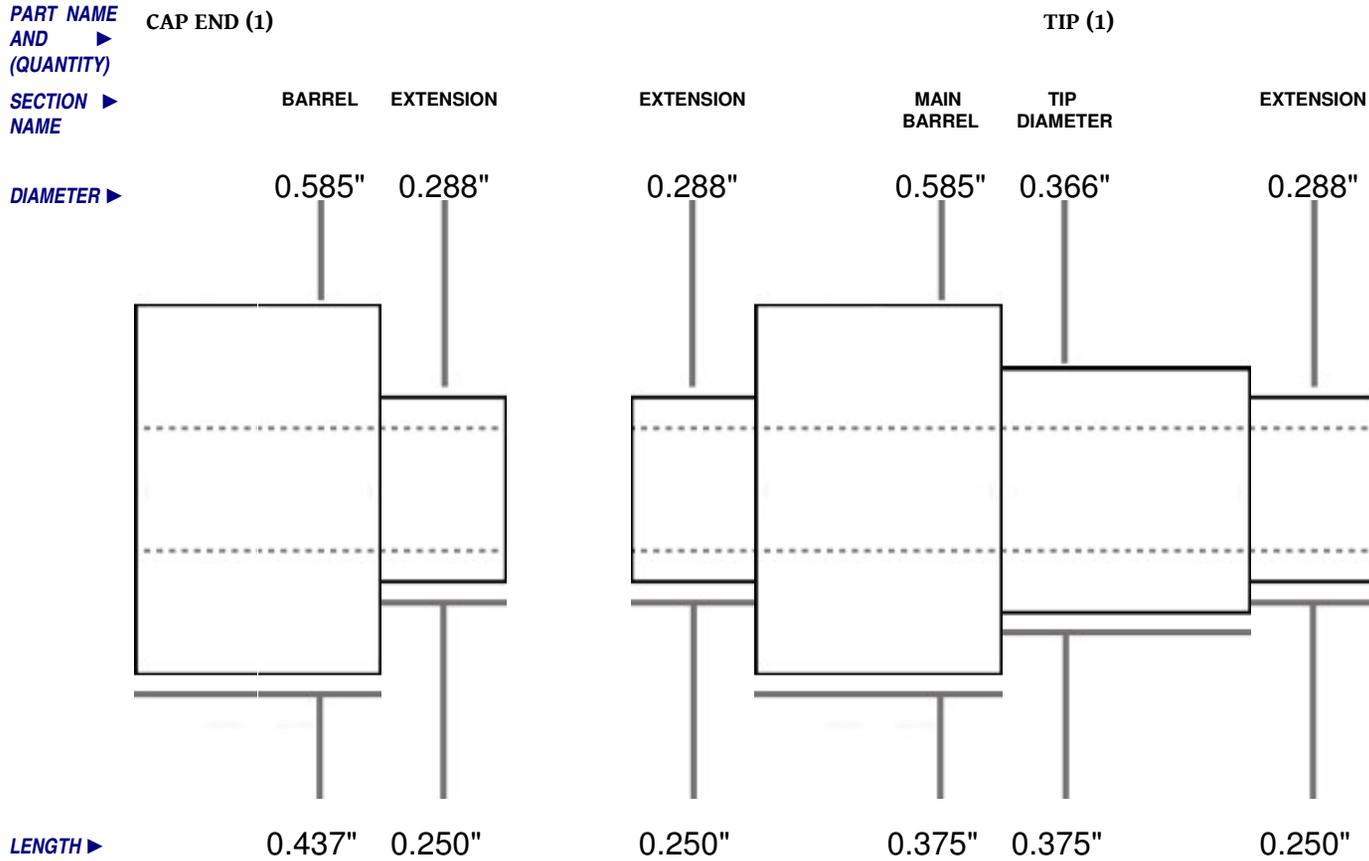
**ID NUMBER PKWDYBU**

**TYPE: BUSHING**

**NOTES:**

**NUMBER OF PARTS 2**

**THRU HOLE STANDARD (0.248")**



**ASSOCIATED** PKWDYP(XX), PKWDYL(XX)

**KITS:**

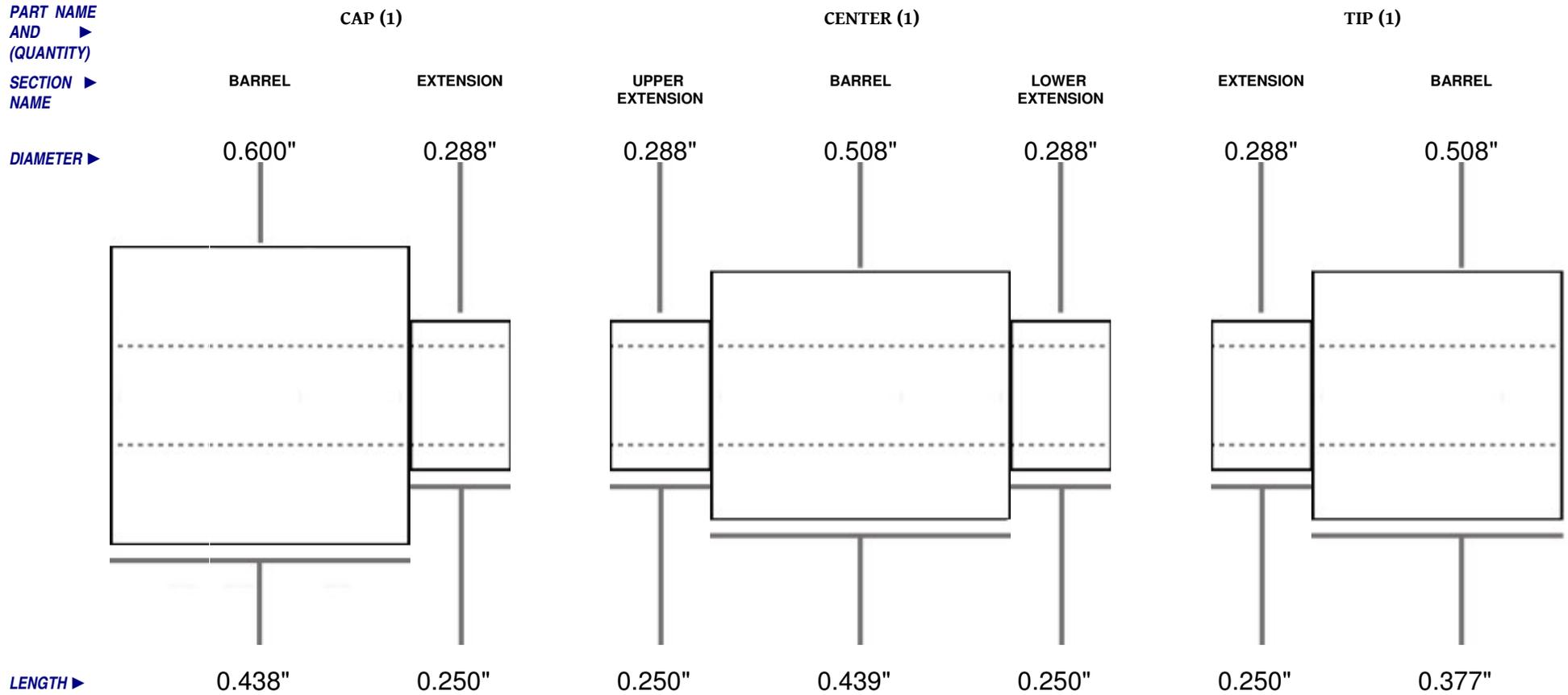
**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKWESTBU      **TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")



**ASSOCIATED** PKWEST(XX)  
**KITS:**

**PICTURE IS AN APPROXIMATE REPRESENTATION. NOT TO EXACT SCALE OR PROPORTION. ALL MEASUREMENTS IN INCHES. BUSHING DIAMETERS (TOP ROW) ARE OPTIMAL AND SHOULD VARY BY NO MORE THAN .002" WHEN NEW.**

**ID NUMBER** PKXMBU

**TYPE:** BUSHING

**NOTES:**

**NUMBER OF PARTS** 3

**THRU HOLE** STANDARD(0.248")

<b>PART NAME AND QUANTITY</b>	<b>CAP (1)</b>	<b>CENTER (1)</b>	<b>TIP (1)</b>
<b>SECTION NAME</b>	BARREL	BARREL	BARREL
<b>DIAMETER</b>	0.347"	0.440"	0.330"
<b>LENGTH</b>	0.435"	0.500"	0.375"

**ASSOCIATED** PKXM(XX), PKXMPL(XX)

**KITS:**

# KIT INDEX

ALPHABETIZED BY PRODUCT ID

<u>KIT ID AND DESCRIPTION</u>	<u>BUSHING ID</u>	<u>KIT ID AND DESCRIPTION</u>	<u>BUSHING ID</u>
BS1(XX) - CLASSIC BOTTLE STOPPER.....	PK-BS1-MJ	MCM-CH(XX) - DIVA CHARM NON-PRESS KIT.....	PKCHPENBU
BS10S(XX) - STAINLESS STEEL STOPPER.....	PK-BS1-MJ	MCM-EX(XX) - EXECUTIVE NON-PRESS PEN.....	PKEXEC-BU
BS11GS(XX) - GEAR SHIFT BOTTLE STOPPER.....	BS11GSBU	PHANG2(XX) - HANDY HANDBAG HANGER.....	PKDCM125
BS12GA(XX) - SHOTGUN BOTTLE STOPPER.....	BS12GABU	PK10-FP2(XX) - TRADITIONAL FOUNTAIN.....	PK10-BUSH3
BS12S(XX) - TEARDROP STAINLESS STEEL.....	PK-BS1-MJ	PK10-RP2(XX) - TRADITIONAL ROLLERBALL.....	PK10-BUSH3
BS14S(XX) - CONE STAINLESS STEEL.....	PK-BS1-MJ	PK30M(XX) - 30 CALIBER CARTRIDGE PEN.....	PKM-BUSH3
BS15(XX) - POCKET CORKSCREW.....	BS15BU	PK50BA(XX) - 50 CAL BOLT ACTION SOLID TIP.....	PK50BABU
BS2(XX) - CHROME AND CORK BOTTLE STOPPER.....	PK-BS1-MJ	PK50BA(XX)2 - 50 CAL BOLT ACTION DIY TIP.....	PK50BABU
BS21(XX) - DISC TOP STANDARD CONE BOTTLE STOPPER.....	PKDCMBS	PK50BPX(XX) - 50 CALIBER BALLPOINT FLIP.....	PK50RBU
BS22(XX) - DISC TOP STANDARD TEARDROP BOTTLE STOPPER.....	PKDCMBS	PK50CAL(XX) - 50 CALIBER MACHINE GUN CARTRIDGE.....	PK50CALBU
BS23S(XX) - DISC TOP MINI CONE BOTTLE STOPPER.....	PKDCMBS	PK50CALBS(XX) - CROSS STYLE 50 CAL WITH BOTTLE OPENER.....	PK50CALBU
BS24S(XX) - DISC TOP MINI TEARDROP BOTTLE STOPPER.....	PKDCMBS	PK50CALP(XX) - 50 CALIBER PARKER STYLE CARTRIDGE.....	PK50CALPBU
BS25X(XX) - CHROME CORKSCREW/BOTTLE OPENER.....	BS25XBU	PK50RBX(XX) - 50 CALIBER ROLLER FLIP.....	PK50RBU
BS28(XX) - CORK EXTRACTOR.....	PKBS28CBU	PKA1(XX) - KNIGHTS ARMOR.....	PKMAJSQBU
BS3(XX) - ROUND CORKSCREW/ STOPPER.....	PK-BS1-MJ	PKAPB(XX) - APOLLO BALLPOINT.....	PKAPBBU
BS5(XX) - SILICONE BOTTLE STOPPER.....	PK-BS1-MJ	PKAPCF(XX) - APOLLO FOUNTAIN CLOSED.....	PKAPCEBU
BS6(XX) - T-HANDLE CORKSCREW.....	BS6-BU	PKAPCR(XX) - APOLLO ROLLERBALL CLOSED.....	PKAPCEBU
BS7(XX) - T-HANDLE CORKSCREW/STOPPER.....	BS6-BU	PKAPFP2(XX) - APOLLO INFINITY FOUNTAIN PEN.....	PKAPR2BU
BS7LP(XX) - LOW PROFILE STOPPER/CORKSCREW.....	PK-BS1-MJ	PKAPRB(XX) - APOLLO INFINITY ROLLERBALL.....	PKAPR2BU
BS8(XX) - VINTAGE BOTTLE STOPPER.....	PK-BS1-MJ	PKART(XX)B - ART DECO BALLPOINT.....	PKMAJSQBU
BS9A(XX) - PERFECT SEAL BOTTLE STOPPER.....	PK-BS1-MJ	PKART(XX)F - ART DECO FOUNTAIN.....	PKARTBU
BSLED(XX) - LED BOTTLE STOPPER.....	BSLEDBU	PKART(XX)R - ART DECO ROLLERBALL.....	PKARTBU
KSEG(XX) - EGGSCOPE.....	KSEG-M	PKATOM(XX) - PERFUME ATOMIZER.....	PKATOM-BU
KSWAND(XX) - WAND KALEIDOSCOPE.....	KSEG-M	PKATOM2(XX) - PURSE STYLE ATOMIZER.....	PKATOM-BU
MCM-CF(XX) - COMFORT PEN NON-PRESS.....	PKM-BUSH3	PKATOMKC(XX) - KEY CHAIN ATOMIZER.....	PKATOMKCBU

**KIT ID AND DESCRIPTION****BUSHING ID**

PKAUTO(XX) - SEMI-AUTO RIFLE PEN.....	PKAUTOBU
PKBCM(XX) - BREAST CANCER AWARENESS MINI.....	PKBCMBU
PKBCP(XX) - BREAST CANCER AWARENESS PEN.....	PKBCPBU
PKBELL(XX) - BRASS DINNER BELL.....	PKM-BUSH3
PKBFPCLCH(XX) - BUFFALO BULLET PENCIL.....	PKEXEC-BU
PKBHOLD(XX) - BRACELET ASSISTANT.....	PKBHOLDBU
PKBIG(XX) - BIG BEN CIGAR TWIST.....	PKBIG-BU
PKBIGC(XX) - BIG BEN CLICK PENCILS.....	PKBIG-BU
PKBIGCP(XX) - BIG BEN CLICK PEN.....	PKBIG-BU
PKBIGFP2(XX) - BIG BEN FOUNTAIN PEN.....	PKBIG-BU
PKBIGRP2(XX) - BIG BEN ROLLERBALL.....	PKBIG-BU
PKBIGST(XX) - BIG BEN STYLUS PEN.....	PKBIG-BU
PKBIGTT(XX) - BIG BEN TWO-TONE CIGAR TWIST.....	PKBIG-BU
PKBLPEN(XX) - THE BLING.....	PKBCPBU
PKBMF(XX) - BALL MARK FIX KIT.....	PKDCM100
PKBPN(XX) - BOTTLE OPENER.....	PKRAHANBU
PKBROCK(XX) - CIGAR PUNCH.....	PKGABU
PKBULPEN(XX) - BULLET MINI PEN.....	PKBULPENBU
PKCAM(XX) - CAMEO TWIST PEN.....	PKCAMBU
PKCCP(XX) - CREDIT CARD PEN.....	PKM-BUSH3
PKCEO(XX) - CEO TWIST PEN.....	PKCEOBU
PKCFFUN(XX) - COMFORT FUNLINE PEN.....	PKCFBUSH
PKCFPCL(XX) - COMFORT PENCIL.....	PKCFBUSH
PKCFPEN(XX) - COMFORT PEN.....	PKCFBUSH
PKCHPEN(XX) - DIVA CHARM.....	PKCHPENBU
PKCK(XX) - CHALK HOLDER.....	PKCKBU
PKCLPEN(XX) - CLIP ON PEN.....	PKCLBU
PKCON(XX) - CONCAVA TWIST PEN.....	PKCONBU

**KIT ID AND DESCRIPTION****BUSHING ID**

PKCORP(XX) - CORTONA STANDARD.....	PKCORBU
PKCORS(XX) - CORTANA STYLUS.....	PKCORBU
PKCP24(XX) - 30 CALIBER CLICK PEN.....	PKCP2400BU
PKCP25(XX) - 30 CALIBER PENCIL.....	PKCP2400BU
PKCP30(XX) - 30 CALIBER TWIST PEN.....	PKCP3000BU
PKCP35(XX) - 30 CALLIBER LETTER OPENER.....	PKCP3000BU
PKCP36(XX) - 30 CALIBER MAGNIFIER.....	PKCP3000BU
PKCP38(XX) - 30 CALIBER LONGWOOD.....	PKCP3000BU
PKCP60(XX) - OVER & UNDER SHOTGUN.....	PKCP6000BU
PKCP61(XX) - OVER & UNDER FOUNTAIN.....	PKCP6000BU
PKCP70(XX) - MAGNUM BULLET CARTRIDGE.....	PKCP7000BU
PKCP75(XX) - MAGNUM BOLT ACTION BULLET CARTRIDGE.....	PKCP7000BU
PKCP80(XX) - 30 CALIBER BOLT ACTION.....	PKCP3000BU
PKCP81(XX) - BOLT ACTION PENCIL.....	PKCP3000BU
PKCP82(XX) - MINI BOLT ACTON.....	PKCP3000BU
PKCP8AE(XX) - EAGLE BOLT ACTION.....	PKCP3000BU
PKCP8AR(XX) - TROOPS BOLT ACTION.....	PKCP3000BU
PKCP8DH(XX) - DEER HUNTER BOLT ACTION.....	PKCP3000BU
PKCP8SL(XX) - STATUE OF LIBERTY BOLT ACTION.....	PKCP3000BU
PKCP90(XX) - 30 CALIBER ROLLERBALL.....	PKCP9000BU
PKCPEN(XX) - CELTIC PEN.....	PKGAFBU
PKCPENF(XX) - CELTIC FOUNTAIN PEN.....	PKCPENRBU
PKCPENR(XX) - CELTIC ROLLERBALL.....	PKCPENRBU
PKCROCHET(XX) - CROCHET HOOK KIT.....	PKSRBU
PKCRONEC(XX) - CROTCHET NECKLACE KIT.....	PKSRBU
PKCSCOOP(XX) - ONE TABLESPOON COFFEE SCOOP.....	PKCSCOOPBU
PKCSCOOP2(XX) - COFFEE SCOOP 2TBS.....	PKCSCOOPBU
PKCTPEN(XX) - SHIMMERING CRYSTAL PEN.....	PKCTPENBU

<b>KIT ID AND DESCRIPTION</b>	<b>BUSHING ID</b>
PKCWPN(XX) - CIVIL WAR PEN.....	PKCWPNBU
PKDART1(XX) - STEEL POINT DART.....	PKM-BUSH3
PKDART2(XX) - ELECTRONIC POINT DART.....	PKM-BUSH3
PKDBF(XX) - NOUVEAU SCEPTRE FOUNTAIN.....	PKDBBUA
PKDBN(XX) - NOUVEAU SCEPTRE BALLPOINT.....	PKMAJSQBU
PKDBR(XX) - NOUVEAU SCEPTRE ROLLER.....	PKDBBUA
PKDETACH(XX) - DETACHABLE KEY CHAIN.....	PKM-BUSH3
PKDRA(XX) - DRAGON TWIST.....	PKDRABU
PKDRF(XX) - DRAGON FOUNTAIN PEN.....	PKDRRBU
PKDRIP7(XX) - DRIP TIP 7MM.....	PKDRIP7BU
PKDRIP8(XX) - DRIP TIP 8MM.....	PKDRIP8BU
PKDRR(XX) - DRAGON ROLLERBALL.....	PKDRRBU
PKDSTY(XX) - DISC STYLUS PEN.....	PKDSTYBU
PKDU(XX) - DUCHESS.....	PKCFBUSH
PKDUN(XX) - DUCHESS MINI NECKLACE.....	PKCFBUSH
PKDUX(XX) - DUCHESS MINI.....	PKCFBUSH
PKDWE(XX) - CAKE SERVER.....	PKDWBU
PKDWF(XX) - CAKE KNIFE.....	PKDWBU
PKDWG(XX) - CHEESE KNIFE.....	PKDWBU
PKDWH(XX) - CHEESE FORK.....	PKDWBU
PKDWJ(XX) - SERVING SPOON.....	PKDWBU
PKDWK(XX) - SERVING FORK.....	PKDWBU
PKDWL(XX) - PASTA SERVER.....	PKDWBU
PKEL2F(XX) - CLASSIC ELITE FOUNTAIN.....	PKPAR10-B2
PKEL2R(XX) - CLASSIC ELITE ROLLERBALL.....	PKPAR10-B2
PKELP(XX) - CLASSIC ELITE PETITE FOUNTAIN FLOW.....	PKPAR10-B2
PKEXEC-PCL(XX) - EXECUTIVE PENCIL.....	PKEXEC-BU
PKEXEC-PEN(XX) - EXECUTIVE PEN.....	PKEXEC-BU

<b>KIT ID AND DESCRIPTION</b>	<b>BUSHING ID</b>
PKEXECST(XX) - EXECUTIVE STYLUS PEN.....	PKEXEC-BU
PKEZPEN(XX) - E-Z GRIP GELWRITER PEN.....	PKEZBU
PKFAL(XX) - FALCON PEN.....	PKCP3000BU
PKFC(XX) - FLASH DRIVE.....	PKFCBU
PKFED(XX) - FEDERAL TWIST PEN.....	PKFEDBU
PKFLIP2(XX) - FLIP STYLUS V2.....	PKFPBU
PKFLY(XX) - FLY FISHING TWIST PEN.....	PKPPENBU
PKFNEC(XX) - FANCY NECKLACE PEN.....	PKMAGNECBU
PKFP40(XX) - VERTEX CLICK PEN.....	PKFPBU
PKFP41(XX) - VERTEX PENCIL.....	PKFPBU
PKFP50(XX) - MAGNETIC VERTEX ROLLERBALL.....	PKFP5000BU
PKFP51(XX) - MAGNETIC VERTEX FOUNTAIN PEN.....	PKFP5000BU
PKFP55(XX) - VERTEX SUPREME ROLLERBALL.....	PKGRAD2BU
PKFP56(XX) - VERTEX SUPREME FOUNTAIN.....	PKGRAD2BU
PKFPEN(XX) - FILLIBELLE TWIST PEN.....	PKFPENBU
PKGA(XX) - GATSBY TWIST BIMETAL.....	PKGABU
PKGAF(XX) - GATSBY GRANDE.....	PKGAFBU
PKGAM(XX) - WILD CARD TWIST.....	PKVICBU
PKGAPEN(XX) - GATSBY TWIST.....	PKGABU
PKGAPENC(XX) - GATSBY CLICK.....	PKGABU
PKGDJR(XX) - GUARDIAN JR CLICK PEN.....	PKGDJRBU
PKGDPEN(XX) - GUARDIAN CLICK PEN.....	PKGDPENBU
PKGDRB(XX) - GUARDIAN ROLLERBALL.....	PKGDRBBU
PKGEAR(XX) - GEAR SHIFT PEN.....	PKMAJSQBU
PKGRAD(XX) - GRADUATE TWIST.....	PKGRADBU
PKGRAF(XX) - GRADUATE FOUNTAIN MAGNETIC.....	PKGRAD2BU
PKGRAP(XX) - POST GRADUATE TWIST.....	PKGRAPBU
PKGRAR(XX) - GRADUATE ROLLERBALL MAGNETIC.....	PKGRAD2BU

<b>KIT ID AND DESCRIPTION</b>	<b>BUSHING ID</b>
PKGREN(XX) - GRENADE CLICK PEN.....	PKGRENBU
PKGRIND11(XX) - HANDY BUTTON PEPPERMILL.....	CJAM1
PKGRIND7(BC)(XX) - MINI SALT AND PEPPER GRINDER BLACK.....	PKGRIND7BU
PKGRIND8(XX) - ONE HANDED PRESS TOP PEPPER MILL.....	PKGRIND8BU
PKGRINDPT(XX) - MINI PRESS TOP MILL.....	PKDCMPT
PKGTP(XX) - GOTHICA PEN.....	PKVICBU
PKHPEF(XX) - FAITH FOUNTAIN PEN.....	PKHPRBU
PKHPEN(XX) - FAITH PEN.....	PKHPENBU
PKHPER(XX) - FAITH ROLLERBALL.....	PKHPRBU
PKISCOOP(XX) - ICE CREAM SCOOP.....	PKISCOOPBU
PKJPEN(XX) - COMPSON.....	PKJPENBU
PKKEY(XX) - KEYCHAIN.....	PKM-BUSH3
PKKHANG(XX) - KEYS IN REACH.....	PKDCM100
PKKN(XX) - KNURLED GT PEN.....	PKKNBU
PKKNST(XX) - KNURL GT STYLUS.....	PKKNBU
PKKPCL(XX) - STRATUS CLICK PENCIL.....	PKCHPENBU
PKKPEN(XX) - STRATUS.....	PKCHPENBU
PKL70(XX) - OXFORD TWIST.....	PKJPENBU
PKL75(XX) - OXFORD ROLLERBALL.....	PKL750BU
PKL76(XX) - OXFORD RB V2.....	PKL760BU
PKLE6(XX) - FANCY LETTER OPENER (Discontinued).....	PKLE6BU
PKLO(XX) - LETTER OPENER.....	PKM-BUSH3
PKLO2(XX) - DELUXE LETTER OPENER.....	PKMONT-BU
PKLONGPCL(XX) - LONGWOOD PENCIL.....	PKLONGBU
PKLONGPEN(XX) - LONGWOOD PEN.....	PKLONGBU
PKLPULLF(XX) - FANCY LIGHT PULL.....	PKLPULLFBU
PKLSPEN(XX) - LIPSTICK PEN.....	PKLSBU
PK-LTPULL(XX) - LIGHT PULL.....	PKM-BUSH3

<b>KIT ID AND DESCRIPTION</b>	<b>BUSHING ID</b>
PKMAF(XX) - MAJESTIC FOUNTAIN.....	PKMAJBU
PKMAF(XX)JR - MAJESTIC JUNIOR FOUNTAIN.....	PKMAJRBUBU
PKMAG(XX) - MAGNIFYING GLASS.....	PKM-BUSH3
PKMAGNEC(XX) - MAGNETIC NECKLACE PEN.....	PKMAGNECUBU
PKMAJ(XX) - MAJESTIC ROLLERBALL.....	PKMAJBU
PKMAJ(XX)JR - MAJESTIC JUNIOR ROLLERBALL.....	PKMAJRBUBU
PKMAJCF(XX) - MAJESTIC JR FOUNTAIN CLOSED.....	PKMJRCBU
PKMAJCR(XX) - MAJESTIC JR CLOSED ROLLERBALL.....	PKMJRCBU
PKMAJLO(XX) - MAJESTIC LETTER OPENER.....	PKMAJLOBU
PKMAJSQ(XX) - MAJESTIC SQUIRE.....	PKMAJSQBU
PKMAY(XX) - MAYAN TWIST.....	PKMAYBU
PKMBX(XX) - PILL BOX.....	PKDCM1916
PKMGH(XX) - MAGNETIC GLASSES HOLDER.....	PKDCMBS
PKMINCLK(XX) - MINI CLICK PEN.....	PKMINCLKBU
PKMINI(XX) - MINI KEY CHAIN PEN.....	PKM-BUSH3
PKMONT(XX) - DESIGNER TENON.....	PKMONTBUY
PKMONT2(XX) - DESIGNER NO TENON.....	PKMONT2-BU
PKMONT2PAR(XX) - PREMIUM DESIGNER NO TENON.....	PKMONTPRBU
PKMONT3(XX) - DESIGNER PENCIL NO TENON.....	PKMONT3BU
PKMONTFP2(XX) - DESIGNER FOUNTAIN.....	PKMONT3BU
PKMONTL224(XX) - DESIGNER LADY NO TENON.....	PKMONTLBU
PKMONTLO6G(XX) - DESIGNER NT LETTER OPENER.....	PKMONT2-BU
PKMONTRP2(XX) - DESIGNER ROLLERBALL.....	PKMONT3BU
PKMPL(XX) - MECHANICAL PENCIL KIT.....	PKFPBU
PKMT7(XX) - METALLO 7MM PEN.....	PKMT7BU
PKMTAG(XX) - MONTAGUE TWIST PEN.....	PKGAFBU
PKMTFUN(XX) - DESIGNER FUNLINE.....	PKMONTBUY
PKMTMIN(XX) - DESIGNER MINI.....	PKMONT2-BU

**KIT ID AND DESCRIPTION****BUSHING ID**

PKMUS(XX) - MUSIC TWIST PEN.....	PKMUSBU
PKMUSF(XX) - MUSIC FOUNTAIN PEN.....	PKMUSRBU
PKMUSR(XX) - MUSIC ROLLERBALL.....	PKMUSRBU
PKNAUT(XX) - NAUTICAL TWIST PEN.....	PKMAJSQBU
PKOL2FP(XX) - OLYMPIAN FOUNTAIN PEN.....	PKOL2BU
PKOL2RB(XX) - OLYMPIAN ROLLERBALL.....	PKOL2BU
PKOLCF(XX) - OLYMPIAN FOUNTAIN CLOSED.....	PKOLCEBU
PKOLCR(XX) - OLYMPIAN CLOSED ROLLERBALL.....	PKOLCEBU
PKORN(XX) - CHRISTMAS TREE ORNAMENT.....	PKM-BUSH3
PKPAR10F(XX) - CLASSIC FOUNTAIN.....	PKPAR10-B2
PKPAR10R(XX) - CLASSIC ROLLERBALL.....	PKPAR10-B2
PKPARK(XX) - CLASSIC TWIST.....	PKPARK-BU
PKPARK-LO(XX) - CLASSIC LETTER OPENER.....	PKPARK-BU
PKPATDS(XX) - PATRIZIO EUROPEO.....	PKPATDSBU
PKPATPCL(XX) - PATRIZIO PENCIL.....	PKPATPENBU
PKPATPEN(XX) - PATRIZIO TWIST PEN.....	PKPATPENBU
PK-PCL(XX) - SLIMLINE PENCIL.....	PKM-BUSH3
PK-PCLXX(XX) - SLIMLINE PRO PENCIL.....	PK-PENXXBU
PK-PEN(XX) - SLIMLINE PEN.....	PKM-BUSH3
PK-PENXX(XX) - SLIMLINE PRO.....	PK-PENXXBU
PKPERF(XX) - PERFUME PEN.....	PKPERF-BU
PKPHANG(XX) - PURSE HANGER.....	PKPHANGM
PKPLI(XX) - FLASHLIGHT KITS.....	PKPLI-BU
PKPLI2(XX) - PENLIGHT KEY CHAIN (discontinued).....	PKPLI2-BU
PKPLI3(XX) - LED FLASHLIGHT.....	PKPLI-BU
PKPOLC(XX) - POLARIS CLICK PENCIL.....	PK-POLBU
PKPOLPCL(XX) - POLARIS PENCIL.....	PK-POLBU
PKPOLPEN(XX) - POLARIS TWIST PEN.....	PK-POLBU

**KIT ID AND DESCRIPTION****BUSHING ID**

PKPOWPCL(XX) - POWER PENCIL.....	PKPOWBU
PKPOWPEN(XX) - POWER PEN.....	PKPOWBU
PKPPEN(XX) - AMERICAN PATRIOT PEN.....	PKPPENBU
PKPPFP(XX) - PATRIOT FOUNTAIN PEN.....	PKPPRBBU
PKPPRB(XX) - PATRIOT ROLLERBALL PEN.....	PKPPRBBU
PKPRPEN(XX) - PRINCESS.....	PKPRPENBU
PKPT100F(XX) - PRESIMO FOUNTAIN.....	PKPT100BU
PKPT100R(XX) - PRESIMO ROLLERBALL.....	PKPT100BU
PKPURSE(XX) - MINI PURSE PEN.....	PKPURSEBU
PKPUTCH(XX) - TELESCOPING MAGNETIC PICKUP TOOL.....	PKPUTBU
PKRABHKIT2(XX) - MONARCH SHAVING BRUSH.....	PKTOOL2BU
PKRAHAN(XX) - MACH3 RAZOR HANDLE.....	PKRAHANBU
PKRAHANMJ(XX) - MAJESTIC RAZOR HANDLE.....	PKMAJSQBU
PKRAMAG(XX) - MAGNUM MACH3 RAZOR HANDLE.....	PKCP7000BU
PKRASAF(XX) - SAFETY RAZOR.....	PKRAHANBU
PKRASAF2(XX) - SPEED DIAL SAFETY RAZOR.....	PKRASAF2BU
PKRASTB(XX) - PREMIUM BRUSH AND RAZOR STAND.....	PKRASTBU
PKRASTE(XX) - CHROME DELUXE RAZOR/ BRUSH STAND.....	PKRASTBU
PKRASTF(XX) - DELUXE SINGLE BATHROOM STAND.....	PKRASTBU
PKRAW(XX) - RAW METAL ROLLERBALL.....	PKMAJSQBU
PKRB10(XX) - ROLLESTER.....	PKCHPENBU
PKREV(XX) - REVOLVER CLICK PEN.....	PKREVBUBU
PKRISE(XX) - PHOENIX RISING TWIST PEN.....	PKVICBU
PKRPEN(XX) - SPARTAN.....	PKMAJSQBU
PKRYL(XX) - CROWN JEWEL.....	PKNICK-BU
PKSAPEN(XX) - SHOCK ABSORBER PEN.....	PKSAPENBU
PKSC-LO(XX) - SCULPTURED LETTER OPENER.....	PKSC-BU
PKSC-MAG(XX) - SCULPTURED MAGNIFIER.....	PKSC-BU

**KIT ID AND DESCRIPTION****BUSHING ID**

PKSC-PEN(XX) - SCULPTURED PEN.....	PKSC-BU
PKSCRATCH(XX) - SCRATCH AWL.....	PKM-BUSH3
PKSDPEN(XX) - 3-IN-1 SCREWDRIVER PEN.....	PKSDPENBU
PKSECRET(XX) - SECRET COMPARTMENT KEY CHAIN.....	PK10-BUSH3
PKSEGLO(XX) - SEGMENTED LETTER OPENER.....	PKSEGPENBU
PKSEGMAG(XX) - SEGMENTED MAGNIFIER.....	PKSEGPENBU
PKSEGPEN(XX) - SEGMENTED PEN.....	PKSEGPENBU
PKSEPILL(XX) - SECRET COMPARTMENT PILL BOX.....	PKSEPILLBU
PKSEWHIST(XX) - SECRET COMPARTMENT WHISTLE KEY CHAIN.....	PK10-BUSH3
PKSKEY(XX) - SKELETON KEY PEN.....	PKGAFBU
PKSKULL(XX) - SKULL TWIST PEN.....	PKSKULLBU
PKSLFUN(XX) - FUNLINE PEN.....	PKM-BUSH3
PKSLFUPL(XX) - FUNLINE PENCIL.....	PKM-BUSH3
PKSLX(XX) - CHIC-LINE.....	PKM-BUSH3
PKSLX(XX)2 - CHIC LINE V2.....	PKM-BUSH3
PKSPCL(XX) - WORKSHOP PENCIL.....	PKSPCLBU
PKSPCL2(XX) - DELUX SKETCH PEN/PENCIL.....	PKSPCL2BU
PKSPCL3(XX) - MINI SKETCH PENCIL.....	PKSPCL3BU
PKSPEN(XX) - CURVADO.....	PKSPENBU
PKSPP(XX) - STEAMPUNK BOLT ACTION.....	PKVICBU
PKSPRT(XX) - MOBILE DEVICE SUPPORT STYLUS.....	PKSPRTBU
PKSR1(XX) - SINGLE SEAM RIPPER.....	PKSRBU
PKSR2(XX) - DOUBLE SEAM RIPPER.....	PKSRBU
PKSR3(XX) - STILETTO KIT.....	PKSRBU
PKSR4(XX) - SEAM RIPPER STILLETO COMBO.....	PKSRBU
PKSRN(XX) - SEAM RIPPER NECKLACE.....	PKSRBU
PKSTPEN(XX) - STARLET STEM PEN.....	PKM-BUSH3
PKSW(XX) - SOUTHWEST TWIST PEN.....	PKSWPBU

**KIT ID AND DESCRIPTION****BUSHING ID**

PKSWST(XX) - SOUTHWEST MESA TWIST.....	PKCHPENBU
PKTANK(XX) - TANK PEN.....	PKTANKBU
PKTBHAN(XX) - TOOTHBRUSH.....	PKRAHANBU
PKTEACH(XX) - TEACHERS PEN.....	PKM-BUSH3
PKTOOL(XX) - MINI KEY CHAIN SCREWDRIVER.....	PK10-BUSH3
PKTOP2(XX) - SPINNING TOP.....	PK10-BUSH3
PKTPC(XX) - MINI TELESCOPING CLIP STYLUS PEN.....	PKM-BUSH3
PKTPEN(XX) - BOLT ACTION TEC-PEN.....	PKTPENBU
PKTPN(XX) - MINI TELESCOPING NECKLACE STYLUS PEN.....	PKM-BUSH3
PKTS1(XX) - KEYCHAIN PEN WITH STYLUS.....	PKTS100BU
PKTS2(XX) - MINI TOUCH STYLUS WITH PLUG.....	PKM-BUSH3
PKTS3(XX) - 3 IN 1 FLIP LED STYLUS PEN.....	PKCKBU
PKTSCCP(XX) - CREDIT CARD STYLUS PEN.....	PKM-BUSH3
PKTSPEN(XX) - PEN STYLUS.....	PKM-BUSH3
PKTST(XX) - STYLUS.....	PKM-BUSH3
PKTSTEC(XX) - TOUCH STYLUS TEC PEN.....	PKTSTECBU
PKTUD(XX) - TUDOR TWIST PEN.....	PKKNBU
PKTYCF(XX) - CLOSED TYCOON FOUNTAIN.....	PKTYCEBU
PKTYCR(XX) - CLOSED TYCOON ROLLERBALL.....	PKTYCEBU
PKTYFP(XX) - TYCOON FOUNTAIN.....	PKTYBU
PKTYRB(XX) - TYCOON ROLLERBALL.....	PKTYBU
PKVEP(XX) - VESPER STANDARD.....	PKVESBU
PKVES(XX) - VESPER STYLUS.....	PKVESBU
PKVIC(XX) - VICTORIAN TWIST.....	PKVICBU
PKVICFP(XX) - VICTORIAN FOUNTAIN.....	PKVICRBU
PKVICRB(XX) - VICTORIAN ROLLERBALL.....	PKVICRBU
PKVPEN(XX) - APEX SE CLICK PEN.....	PKVPENBU
PKWDYL(XX) - WOODY PENCIL.....	PKWDYBU

<b>KIT ID AND DESCRIPTION</b>	<b>BUSHING ID</b>
PKWDYP(XX) - WOODY PEN.....	PKWDYBU
PKWEST(XX) - COWBOY TWIST PEN.....	PKWESTBU
PK-WHIST(XX) - KEY CHAIN WHISTLE.....	PKM-BUSH3
PKXM(XX) - TRIMLINE PEN.....	PKXMBU
PKXMPL(XX) - TRIMLINE PENCIL.....	PKXMBU
PKYOYO(XX) - YO YO.....	PK10-BUSH3

<b>KIT ID AND DESCRIPTION</b>	<b>BUSHING ID</b>
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## BUSHING INDEX

ALPHABETIZED BY BUSHING ITEM NUMBER..  
EACH BUSHING IS FOLLOWED BY KITS THAT USE IT.

### BUSHING

**BS11GSBU** **KIT ID# AND DESCRIPTION**

BS11GS(XX) - GEAR SHIFT BOTTLE STOPPER

**BS12GABU** **KIT ID# AND DESCRIPTION**

BS12GA(XX) - SHOTGUN BOTTLE STOPPER

**BS15BU** **KIT ID# AND DESCRIPTION**

BS15(XX) - POCKET CORKSCREW

**BS25XBU** **KIT ID# AND DESCRIPTION**

BS25X(XX) - CHROME CORKSCREW/BOTTLE OPENER

**BS6-BU** **KIT ID# AND DESCRIPTION**

BS6(XX) - T-HANDLE CORKSCREW

BS7(XX) - T-HANDLE CORKSCREW/STOPPER

**BSLEDBU** **KIT ID# AND DESCRIPTION**

BSLED(XX) - LED BOTTLE STOPPER

**CJAM1** **KIT ID# AND DESCRIPTION**

PKGRIND11(XX) - HANDY BUTTON PEPPERMILL

**KSEG-M** **KIT ID# AND DESCRIPTION**

KSWAND(XX) - WAND KALEIDOSCOPE

KSEG(XX) - EGGSCOPE

**PK10-BUSH3** **KIT ID# AND DESCRIPTION**

PK10-FP2(XX) - TRADITIONAL FOUNTAIN

PK10-RP2(XX) - TRADITIONAL ROLLERBALL

PKTOP2(XX) - SPINNING TOP

PKYOYO(XX) - YO YO

PKSEWHIST(XX) - SECRET COMPARTMENT WHISTLE KEY CHAIN

PKTOOL(XX) - MINI KEY CHAIN SCREWDRIVER

PKSECRET(XX) - SECRET COMPARTMENT KEY CHAIN

### BUSHING

**PK50BABU** **KIT ID# AND DESCRIPTION**

PK50BA(XX)2 - 50 CAL BOLT ACTION DIY TIP

PK50BA(XX) - 50 CAL BOLT ACTION SOLID TIP

**PK50CALBU** **KIT ID# AND DESCRIPTION**

PK50CAL(XX) - 50 CALIBER MACHINE GUN CARTRIDGE

PK50CALBS(XX) - CROSS STYLE 50 CAL WITH BOTTLE OPENER

**PK50CALPBU** **KIT ID# AND DESCRIPTION**

PK50CALP(XX) - 50 CALIBER PARKER STYLE CARTRIDGE

**PK50RBU** **KIT ID# AND DESCRIPTION**

PK50RBX(XX) - 50 CALIBER ROLLER FLIP

PK50BPX(XX) - 50 CALIBER BALLPOINT FLIP

**PKAPBBU** **KIT ID# AND DESCRIPTION**

PKAPB(XX) - APOLLO BALLPOINT

**PKAPCEBU** **KIT ID# AND DESCRIPTION**

PKAPCF(XX) - APOLLO FOUNTAIN CLOSED

PKAPCR(XX) - APOLLO ROLLERBALL CLOSED

**PKAPR2BU** **KIT ID# AND DESCRIPTION**

PKAPFP2(XX) - APOLLO INFINITY FOUNTAIN PEN

PKAPRB(XX) - APOLLO INFINITY ROLLERBALL

**PKARTBU** **KIT ID# AND DESCRIPTION**

PKART(XX)F - ART DECO FOUNTAIN

PKART(XX)R - ART DECO ROLLERBALL

**PKATOM-BU** **KIT ID# AND DESCRIPTION**

PKATOM(XX) - PERFUME ATOMIZER

PKATOM2(XX) - PURSE STYLE ATOMIZER

**PKATOMKCBU** **KIT ID# AND DESCRIPTION**

PKATOMKC(XX) - KEY CHAIN ATOMIZER

**BUSHING**

<b>PKAUTOBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKAUTO(XX) - SEMI-AUTO RIFLE PEN
<b>PKBCMBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKBCM(XX) - BREAST CANCER AWARENESS MINI
<b>PKBCPBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKBCP(XX) - BREAST CANCER AWARENESS PEN PKBLPEN(XX) - THE BLING
<b>PKBHOLDBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKBHOLD(XX) - BRACELET ASSISTANT
<b>PKBIG-BU</b>	<b>KIT ID# AND DESCRIPTION</b> PKBIGTT(XX) - BIG BEN TWO-TONE CIGAR TWIST PKBIGST(XX) - BIG BEN STYLUS PEN PKBIGC(XX) - BIG BEN CLICK PENCILS PKBIG(XX) - BIG BEN CIGAR TWIST PKBIGCP(XX) - BIG BEN CLICK PEN PKBIGRP2(XX) - BIG BEN ROLLERBALL PKBIGFP2(XX) - BIG BEN FOUNTAIN PEN
<b>PK-BS1-MJ</b>	<b>KIT ID# AND DESCRIPTION</b> BS10S(XX) - STAINLESS STEEL STOPPER BS12S(XX) - TEARDROP STAINLESS STEEL BS1(XX) - CLASSIC BOTTLE STOPPER BS8(XX) - VINTAGE BOTTLE STOPPER BS7LP(XX) - LOW PROFILE STOPPER/CORKSCREW BS14S(XX) - CONE STAINLESS STEEL BS5(XX) - SILICONE BOTTLE STOPPER BS3(XX) - ROUND CORKSCREW/ STOPPER BS2(XX) - CHROME AND CORK BOTTLE STOPPER BS9A(XX) - PERFECT SEAL BOTTLE STOPPER
<b>PKBS28CBU</b>	<b>KIT ID# AND DESCRIPTION</b> BS28(XX) - CORK EXTRACTOR

**BUSHING**

<b>PKBULPENBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKBULPEN(XX) - BULLET MINI PEN
<b>PKCAMBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKCAM(XX) - CAMEO TWIST PEN
<b>PKCEOBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKCEO(XX) - CEO TWIST PEN
<b>PKCFBUSH</b>	<b>KIT ID# AND DESCRIPTION</b> PKCFFUN(XX) - COMFORT FUNLINE PEN PKCFPCL(XX) - COMFORT PENCIL PKDU(XX) - DUCHESS PKCFPEN(XX) - COMFORT PEN PKDUN(XX) - DUCHESS MINI NECKLACE PKDUX(XX) - DUCHESS MINI
<b>PKCHPENBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKKPEN(XX) - STRATUS PKCHPEN(XX) - DIVA CHARM PKKPCL(XX) - STRATUS CLICK PENCIL PKRB10(XX) - ROLLESTER PKSWST(XX) - SOUTHWEST MESA TWIST MCM-CH(XX) - DIVA CHARM NON-PRESS KIT
<b>PKCKBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKTS3(XX) - 3 IN 1 FLIP LED STYLUS PEN PKCK(XX) - CHALK HOLDER
<b>PKCLBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKCLPEN(XX) - CLIP ON PEN
<b>PKCONBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKCON(XX) - CONCAVA TWIST PEN
<b>PKCORBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKCORS(XX) - CORTANA STYLUS PKCORP(XX) - CORTONA STANDARD

**BUSHING**

<b>PKCP2400BU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKCP25(XX) - 30 CALIBER PENCIL
	PKCP24(XX) - 30 CALIBER CLICK PEN
<b>PKCP3000BU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKCP8SL(XX) - STATUE OF LIBERTY BOLT ACTION
	PKCP8DH(XX) - DEER HUNTER BOLT ACTION
	PKCP8AR(XX) - TROOPS BOLT ACTION
	PKCP8AE(XX) - EAGLE BOLT ACTION
	PKCP82(XX) - MINI BOLT ACTION
	PKCP81(XX) - BOLT ACTION PENCIL
	PKCP80(XX) - 30 CALIBER BOLT ACTION
	PKCP38(XX) - 30 CALIBER LONGWOOD
	PKCP36(XX) - 30 CALIBER MAGNIFIER
	PKCP35(XX) - 30 CALIBER LETTER OPENER
	PKCP30(XX) - 30 CALIBER TWIST PEN
	PKFAL(XX) - FALCON PEN
<b>PKCP6000BU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKCP61(XX) - OVER & UNDER FOUNTAIN
	PKCP60(XX) - OVER & UNDER SHOTGUN
<b>PKCP7000BU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKCP75(XX) - MAGNUM BOLT ACTION BULLET CARTRIDGE
	PKRAMAG(XX) - MAGNUM MACH3 RAZOR HANDLE
	PKCP70(XX) - MAGNUM BULLET CARTRIDGE
<b>PKCP9000BU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKCP90(XX) - 30 CALIBER ROLLERBALL
<b>PKCPENRBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKCPENF(XX) - CELTIC FOUNTAIN PEN
	PKCPENR(XX) - CELTIC ROLLERBALL
<b>PKCSCOOPBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKCSCOOP(XX) - ONE TABLESPOON COFFEE SCOOP

**BUSHING**

<b>PKCSCOOPBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKCSCOOP2(XX) - COFFEE SCOOP 2TBS
<b>PKCTPENBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKCTPEN(XX) - SHIMMERING CRYSTAL PEN
<b>PKCWPENBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKCWPEN(XX) - CIVIL WAR PEN
<b>PKDBBUA</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKDBF(XX) - NOUVEAU SCEPTRE FOUNTAIN
	PKDBR(XX) - NOUVEAU SCEPTRE ROLLER
<b>PKDCM100</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKKHANG(XX) - KEYS IN REACH
	PKBMF(XX) - BALL MARK FIX KIT
<b>PKDCM125</b>	<b>KIT ID# AND DESCRIPTION</b>
	PHANG2(XX) - HANDY HANDBAG HANGER
<b>PKDCM1916</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKMBX(XX) - PILL BOX
<b>PKDCMBS</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKMGH(XX) - MAGNETIC GLASSES HOLDER
	BS23S(XX) - DISC TOP MINI CONE BOTTLE STOPPER
	BS22(XX) - DISC TOP STANDARD TEARDROP BOTTLE STOPPER
	BS24S(XX) - DISC TOP MINI TEARDROP BOTTLE STOPPER
	BS21(XX) - DISC TOP STANDARD CONE BOTTLE STOPPER
<b>PKDCMPT</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKGRINDPT(XX) - MINI PRESS TOP MILL
<b>PKDRABU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKDRA(XX) - DRAGON TWIST
<b>PKDRIP7BU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKDRIP7(XX) - DRIP TIP 7MM
<b>PKDRIP8BU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKDRIP8(XX) - DRIP TIP 8MM

**BUSHING**

<b>PKDRRBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKDRR(XX) - DRAGON ROLLERBALL
	PKDRF(XX) - DRAGON FOUNTAIN PEN
<b>PKDSTYBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKDSTY(XX) - DISC STYLUS PEN
<b>PKDWBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKDWH(XX) - CHEESE FORK
	PKDWG(XX) - CHEESE KNIFE
	PKDWF(XX) - CAKE KNIFE
	PKDWE(XX) - CAKE SERVER
	PKDWJ(XX) - SERVING SPOON
	PKDWK(XX) - SERVING FORK
	PKDWL(XX) - PASTA SERVER
<b>PKEXEC-BU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKEXEC-PCL(XX) - EXECUTIVE PENCIL
	PKEXEC-PEN(XX) - EXECUTIVE PEN
	MCM-EX(XX) - EXECUTIVE NON-PRESS PEN
	PKBFPCLCH(XX) - BUFFALO BULLET PENCIL
	PKEXECST(XX) - EXECUTIVE STYLUS PEN
<b>PKEZBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKEZPEN(XX) - E-Z GRIP GELWRITER PEN
<b>PKFCBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKFC(XX) - FLASH DRIVE
<b>PKFEDBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKFED(XX) - FEDERAL TWIST PEN
<b>PKFP5000BU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKFP51(XX) - MAGNETIC VERTEX FOUNTAIN PEN
	PKFP50(XX) - MAGNETIC VERTEX ROLLERBALL
<b>PKFPBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKFP41(XX) - VERTEX PENCIL

**BUSHING**

<b>PKFPBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKFP40(XX) - VERTEX CLICK PEN
	PKFLIP2(XX) - FLIP STYLUS V2
	PKMPL(XX) - MECHANICAL PENCIL KIT
<b>PKFPENBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKFPEN(XX) - FILLIBELLE TWIST PEN
<b>PKGABU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKBROCK(XX) - CIGAR PUNCH
	PKGGA(XX) - GATSBY TWIST BIMETAL
	PKGAPEN(XX) - GATSBY TWIST
	PKGAPENC(XX) - GATSBY CLICK
<b>PKGAFBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKCPEN(XX) - CELTIC PEN
	PKSKEY(XX) - SKELETON KEY PEN
	PKGAF(XX) - GATSBY GRANDE
	PKMTAG(XX) - MONTAGUE TWIST PEN
<b>PKGDJRBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKGDJR(XX) - GUARDIAN JR CLICK PEN
<b>PKGDPENBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKGDPEN(XX) - GUARDIAN CLICK PEN
<b>PKGDRBBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKGDRB(XX) - GUARDIAN ROLLERBALL
<b>PKGRAD2BU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKGRAR(XX) - GRADUATE ROLLERBALL MAGNETIC
	PKGRAF(XX) - GRADUATE FOUNTAIN MAGNETIC
	PKFP55(XX) - VERTEX SUPREME ROLLERBALL
	PKFP56(XX) - VERTEX SUPREME FOUNTAIN
<b>PKGRABU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKGRAD(XX) - GRADUATE TWIST

**BUSHING**

<b>PKGRAPBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKGRAP(XX) - POST GRADUATE TWIST
<b>PKGRENBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKGREN(XX) - GRENADE CLICK PEN
<b>PKGRIND7BU</b>	<b>KIT ID# AND DESCRIPTION</b> PKGRIND7(BC)(XX) - MINI SALT AND PEPPER GRINDER BLACK
<b>PKGRIND8BU</b>	<b>KIT ID# AND DESCRIPTION</b> PKGRIND8(XX) - ONE HANDED PRESS TOP PEPPER MILL
<b>PKHPENBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKHPEN(XX) - FAITH PEN
<b>PKHPRBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKHPER(XX) - FAITH ROLLERBALL PKHPEF(XX) - FAITH FOUNTAIN PEN
<b>PKISCOOPBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKISCOOP(XX) - ICE CREAM SCOOP
<b>PKJPENBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKJPEN(XX) - COMPSON PKL70(XX) - OXFORD TWIST
<b>PKKNBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKKN(XX) - KNURLED GT PEN PKKNST(XX) - KNURL GT STYLUS PKTUD(XX) - TUDOR TWIST PEN
<b>PKL750BU</b>	<b>KIT ID# AND DESCRIPTION</b> PKL75(XX) - OXFORD ROLLERBALL
<b>PKL760BU</b>	<b>KIT ID# AND DESCRIPTION</b> PKL76(XX) - OXFORD RB V2
<b>PKLE6BU</b>	<b>KIT ID# AND DESCRIPTION</b> PKLE6(XX) - FANCY LETTER OPENER (Discontinued)
<b>PKLONGBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKLONGPEN(XX) - LONGWOOD PEN PKLONGPCL(XX) - LONGWOOD PENCIL

**BUSHING**

<b>PKLPULLFBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKLPULLF(XX) - FANCY LIGHT PULL
<b>PKLSBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKLSPEN(XX) - LIPSTICK PEN
<b>PKMAGNECBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKMAGNEC(XX) - MAGNETIC NECKLACE PEN PKFNEC(XX) - FANCY NECKLACE PEN
<b>PKMAJBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKMAF(XX) - MAJESTIC FOUNTAIN PKMAJ(XX) - MAJESTIC ROLLERBALL
<b>PKMAJJRBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKMAF(XX)JR - MAJESTIC JUNIOR FOUNTAIN PKMAJ(XX)JR - MAJESTIC JUNIOR ROLLERBALL
<b>PKMAJLOBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKMAJLO(XX) - MAJESTIC LETTER OPENER
<b>PKMAJSQBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKA1(XX) - KNIGHTS ARMOR PKRPEN(XX) - SPARTAN PKRAHANMJ(XX) - MAJESTIC RAZOR HANDLE PKART(XX)B - ART DECO BALLPOINT PKNAUT(XX) - NAUTICAL TWIST PEN PKMAJSQ(XX) - MAJESTIC SQUIRE PKGEAR(XX) - GEAR SHIFT PEN PKRAW(XX) - RAW METAL ROLLERBALL PKDBN(XX) - NOUVEAU SCEPTRE BALLPOINT
<b>PKMAYBU</b>	<b>KIT ID# AND DESCRIPTION</b> PKMAY(XX) - MAYAN TWIST
<b>PKM-BUSH3</b>	<b>KIT ID# AND DESCRIPTION</b> PKTST(XX) - STYLUS PKDART2(XX) - ELECTRONIC POINT DART

**BUSHING****PKM-BUSH3****KIT ID# AND DESCRIPTION**

PK-WHIST(XX) - KEY CHAIN WHISTLE  
 PKLO(XX) - LETTER OPENER  
 PK30M(XX) - 30 CALIBER CARTRIDGE PEN  
 PKDETACH(XX) - DETACHABLE KEY CHAIN  
 PKMAG(XX) - MAGNIFYING GLASS  
 PKSLFUN(XX) - FUNLINE PEN  
 PK-PEN(XX) - SLIMLINE PEN  
 PKDART1(XX) - STEEL POINT DART  
 PKTSPEN(XX) - PEN STYLUS  
 PKTSCCP(XX) - CREDIT CARD STYLUS PEN  
 PKTS2(XX) - MINI TOUCH STYLUS WITH PLUG  
 PKTPC(XX) - MINI TELESCOPING CLIP STYLUS PEN  
 PK-PCL(XX) - SLIMLINE PENCIL  
 PKSCRATCH(XX) - SCRATCH AWL  
 PKTEACH(XX) - TEACHERS PEN  
 PKSTPEN(XX) - STARLET STEM PEN  
 PKCCP(XX) - CREDIT CARD PEN  
 PKBELL(XX) - BRASS DINNER BELL  
 PKSLX(XX)2 - CHIC LINE V2  
 PKSLX(XX) - CHIC-LINE  
 PKSLFUPL(XX) - FUNLINE PENCIL  
 PKTPN(XX) - MINI TELESCOPING NECKLACE STYLUS PEN  
 PK-LTPULL(XX) - LIGHT PULL  
 PKMINI(XX) - MINI KEY CHAIN PEN  
 PKORN(XX) - CHRISTMAS TREE ORNAMENT  
 PKKEY(XX) - KEYCHAIN  
 MCM-CF(XX) - COMFORT PEN NON-PRESS

**BUSHING****PKMINCLKBU****KIT ID# AND DESCRIPTION**

PKMINCLK(XX) - MINI CLICK PEN

**PKMJJRCBU****KIT ID# AND DESCRIPTION**

PKMAJCR(XX) - MAJESTIC JR CLOSED ROLLERBALL  
 PKMAJCF(XX) - MAJESTIC JR FOUNTAIN CLOSED

**PKMONT2-BU****KIT ID# AND DESCRIPTION**

PKMTMIN(XX) - DESIGNER MINI  
 PKMONT2(XX) - DESIGNER NO TENON  
 PKMONTLO6G(XX) - DESIGNER NT LETTER OPENER

**PKMONT3BU****KIT ID# AND DESCRIPTION**

PKMONTRP2(XX) - DESIGNER ROLLERBALL  
 PKMONT3(XX) - DESIGNER PENCIL NO TENON  
 PKMONTFP2(XX) - DESIGNER FOUNTAIN

**PKMONT-BU****KIT ID# AND DESCRIPTION**

PKLO2(XX) - DELUXE LETTER OPENER

**PKMONTBUY****KIT ID# AND DESCRIPTION**

PKMTFUN(XX) - DESIGNER FUNLINE  
 PKMONT(XX) - DESIGNER TENON

**PKMONTLBU****KIT ID# AND DESCRIPTION**

PKMONTL224(XX) - DESIGNER LADY NO TENON

**PKMONTPRBU****KIT ID# AND DESCRIPTION**

PKMONT2PAR(XX) - PREMIUM DESIGNER NO TENON

**PKMT7BU****KIT ID# AND DESCRIPTION**

PKMT7(XX) - METALLO 7MM PEN

**PKMUSBU****KIT ID# AND DESCRIPTION**

PKMUS(XX) - MUSIC TWIST PEN

**PKMUSRBU****KIT ID# AND DESCRIPTION**

PKMUSF(XX) - MUSIC FOUNTAIN PEN  
 PKMUSR(XX) - MUSIC ROLLERBALL

**PKNICK-BU****KIT ID# AND DESCRIPTION**

PKRYL(XX) - CROWN JEWEL

**BUSHING**

<b>PKOL2BU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKOL2FP(XX) - OLYMPIAN FOUNTAIN PEN
	PKOL2RB(XX) - OLYMPIAN ROLLERBALL
<b>PKOLCEBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKOLCR(XX) - OLYMPIAN CLOSED ROLLERBALL
	PKOLCF(XX) - OLYMPIAN FOUNTAIN CLOSED
<b>PKPAR10-B2</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKEL2F(XX) - CLASSIC ELITE FOUNTAIN
	PKPAR10F(XX) - CLASSIC FOUNTAIN
	PKELP(XX) - CLASSIC ELITE PETITE FOUNTAIN FLOW
	PKEL2R(XX) - CLASSIC ELITE ROLLERBALL
	PKPAR10R(XX) - CLASSIC ROLLERBALL
<b>PKPARK-BU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKPARK-LO(XX) - CLASSIC LETTER OPENER
	PKPARK-(XX) - CLASSIC TWIST
<b>PKPATDSBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKPATDS(XX) - PATRIZIO EUROPEO
<b>PKPATPENBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKPATPCL(XX) - PATRIZIO PENCIL
	PKPATPEN(XX) - PATRIZIO TWIST PEN
<b>PK-PENXXBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PK-PENXX(XX) - SLIMLINE PRO
	PK-PCLXX(XX) - SLIMLINE PRO PENCIL
<b>PKPERF-BU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKPERF(XX) - PERFUME PEN
<b>PKPHANGM</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKPHANG(XX) - PURSE HANGER
<b>PKPLI2-BU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKPLI2(XX) - PENLIGHT KEY CHAIN (discontinued)
<b>PKPLI-BU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKPLI3(XX) - LED FLASHLIGHT

**BUSHING**

<b>PKPLI-BU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKPLI(XX) - FLASHLIGHT KITS
<b>PK-POLBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKPOLPEN(XX) - POLARIS TWIST PEN
	PKPOLPCL(XX) - POLARIS PENCIL
	PKPOLC(XX) - POLARIS CLICK PENCIL
<b>PKPOWBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKPOWPEN(XX) - POWER PEN
	PKPOWPCL(XX) - POWER PENCIL
<b>PKPPENBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKPPEN(XX) - AMERICAN PATRIOT PEN
	PKFLY(XX) - FLY FISHING TWIST PEN
<b>PKPPRBBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKPPRB(XX) - PATRIOT ROLLERBALL PEN
	PKPPFP(XX) - PATRIOT FOUNTAIN PEN
<b>PKPRPENBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKPRPEN(XX) - PRINCESS
<b>PKPT100BU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKPT100R(XX) - PRESIMO ROLLERBALL
	PKPT100F(XX) - PRESIMO FOUNTAIN
<b>PKPURSEBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKPURSE(XX) - MINI PURSE PEN
<b>PKPUTBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKPUTCH(XX) - TELESCOPING MAGNETIC PICKUP TOOL
<b>PKRAHANBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKTBHAN(XX) - TOOTHBRUSH
	PKRAHAN(XX) - MACH3 RAZOR HANDLE
	PKRASAF(XX) - SAFETY RAZOR
	PKBPN(XX) - BOTTLE OPENER
<b>PKRASAF2BU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKRASAF2(XX) - SPEED DIAL SAFETY RAZOR

## *BUSHING*

<b>PKRASTBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKRASTE(XX) - CHROME DELUXE RAZOR/ BRUSH STAND
	PKRASTB(XX) - PREMIUM BRUSH AND RAZOR STAND
	PKRASTF(XX) - DELUXE SINGLE BATHROOM STAND
<b>PKREVB</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKREV(XX) - REVOLVER CLICK PEN
<b>PKSAPENBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKSAPEN(XX) - SHOCK ABSORBER PEN
<b>PKSC-BU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKSC-MAG(XX) - SCULPTURED MAGNIFIER
	PKSC-LO(XX) - SCULPTURED LETTER OPENER
	PKSC-PEN(XX) - SCULPTURED PEN
<b>PKSDPENBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKSDPEN(XX) - 3-IN-1 SCREWDRIVER PEN
<b>PKSEGPENBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKSEGPEN(XX) - SEGMENTED PEN
	PKSEGMAG(XX) - SEGMENTED MAGNIFIER
	PKSEGLO(XX) - SEGMENTED LETTER OPENER
<b>PKSEPILLBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKSEPILL(XX) - SECRET COMPARTMENT PILL BOX
<b>PKSKULLBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKSKULL(XX) - SKULL TWIST PEN
<b>PKSPCL2BU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKSPCL2(XX) - DELUX SKETCH PEN/PENCIL
<b>PKSPCL3BU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKSPCL3(XX) - MINI SKETCH PENCIL
<b>PKSPCLBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKSPCL(XX) - WORKSHOP PENCIL
<b>PKSPENBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKSPEN(XX) - CURVADO

## *BUSHING*

<b>PKSPRTBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKSPRT(XX) - MOBILE DEVICE SUPPORT STYLUS
<b>PKSRBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKCROCHET(XX) - CROCHET HOOK KIT
	PKSR2(XX) - DOUBLE SEAM RIPPER
	PKSR3(XX) - STILETTO KIT
	PKSR4(XX) - SEAM RIPPER STILLETO COMBO
	PKSRN(XX) - SEAM RIPPER NECKLACE
	PKSR1(XX) - SINGLE SEAM RIPPER
	PKCRONEC(XX) - CROTCHET NECKLACE KIT
<b>PKSWPBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKSW(XX) - SOUTHWEST TWIST PEN
<b>PKTANKBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKTANK(XX) - TANK PEN
<b>PKTOOL2BU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKRABHKIT2(XX) - MONARCH SHAVING BRUSH
<b>PKTPENBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKTPEN(XX) - BOLT ACTION TEC-PEN
<b>PKTS100BU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKTS1(XX) - KEYCHAIN PEN WITH STYLUS
<b>PKTSTECBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKTSTEC(XX) - TOUCH STYLUS TEC PEN
<b>PKTYBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKTYRB(XX) - TYCOON ROLLERBALL
	PKTYFP(XX) - TYCOON FOUNTAIN
<b>PKTYCEBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKTYCR(XX) - CLOSED TYCOON ROLLERBALL
	PKTYCF(XX) - CLOSED TYCOON FOUNTAIN
<b>PKVESBU</b>	<b>KIT ID# AND DESCRIPTION</b>
	PKVES(XX) - VESPER STYLUS
	PKVEP(XX) - VESPER STANDARD

*BUSHING*

**PKVICBU**

***KIT ID# AND DESCRIPTION***

PKRISE(XX) - PHOENIX RISING TWIST PEN  
PKGTP(XX) - GOTHICA PEN  
PKSPP(XX) - STEAMPUNK BOLT ACTION  
PKGAM(XX) - WILD CARD TWIST  
PKVIC(XX) - VICTORIAN TWIST

**PKVICRBU**

***KIT ID# AND DESCRIPTION***

PKVICRB(XX) - VICTORIAN ROLLERBALL  
PKVICFP(XX) - VICTORIAN FOUNTAIN

**PKVPENBU**

***KIT ID# AND DESCRIPTION***

PKVPEN(XX) - APEX SE CLICK PEN

**PKWDYBU**

***KIT ID# AND DESCRIPTION***

PKWDYP(XX) - WOODY PEN  
PKWDYL(XX) - WOODY PENCIL

**PKWESTBU**

***KIT ID# AND DESCRIPTION***

PKWEST(XX) - COWBOY TWIST PEN

**PKXMBU**

***KIT ID# AND DESCRIPTION***

PKXMPL(XX) - TRIMLINE PENCIL  
PKXM(XX) - TRIMLINE PEN

*BUSHING*