



Kits listed in this chart may be available or had been offered in the past by this supplier.

# Smitty's Pen Works Kit Bushing & Tube Refs.

Imperial English Units Revised 7-2-2023

Please report any additions, corrections, suggestions to:

Wayne Racinowski - IAP Library Manager

libman (at) penturners (dot) org

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Note: All data was compiled from suppliers published kit, tube and bushing information.

Dimensions are based on Imperial English.

Averaged Bushing Diameter Size

was used to determine Category Sizing:

Slim = (.301 - .400) Dia.

Medium = (.401 - .500) Dia.

Large = (.501 - .600) Dia.

Extra Large = (.601 - .700) Dia.



Kit Style 0 are Misc. Kit

Some Kits May Require  
Modifying Replacement  
Tube Lengths.



Typical Mandrel Dia. Sizes  
A - .247 Dia. B - .291 Dia.  
Size Determined by Supplier



Kit Supplier	Kit Description	Category & Size	Kit Style	Replacement Tubes	Bushing Set
Smitty's Pen Works	Abraham Jr Screw Cap RB or FP (Dayacom)	Large Sized RB or FP Pens	3	Jr Abraham Tubes	Jr Abraham Bushings
Smitty's Pen Works	Bolt Action 30 Caliber BP (PSI)	Medium Sized Single Tube Bullet BP Pens	1	PSI PKCP3000TU	PSI PKCP3000BU
Smitty's Pen Works	Caballero V1 Screw Cap RB or FP (???)	Large Sized RB or FP Pens	3	Gr Gent 1 Tubes	RZ-JR or Jr Gent 1 Bushings
Smitty's Pen Works	Caballero V2 Screw Cap RB or FP (???)	Large Sized RB or FP Pens	3	SPW Caballero Tubes	SPW Caballero Bushings
Smitty's Pen Works	Celtic Twist BP (PSI)	Ornate Large Sized Single Tube BP Pens	1	PSI PKT38-8 (10 inch)	PSI PKGAFBU
Smitty's Pen Works	Concava Twist BP (PSI)	Large Sized BP Pens	2	PSI PKCONTU	PSI PKCONBU
Smitty's Pen Works	Creekline Twist BP (Dayacom)	Medium Sized BP Pens	2	Standard Slimline Tubes	Creekline Bushings
Smitty's Pen Works	Great Palace Vine Jr Screw Cap RB or FP (Dayacom)	Ornate Large Sized RB or FP Pens	3	JGPV Tubes	JGPV Bushings
Smitty's Pen Works	Great Palace Vine Screw Cap RB or FP (Dayacom)	Ornate Extra Large Sized RB or FP Pens	3	GPV Tubes	GPV Bushings
Smitty's Pen Works	Le Roi Elegant Click BP - Sierra Styled (SPW)	Medium Sized Single Tube BP Pens	1	Le Roi Elegant Tubes	Le Roi BU
Smitty's Pen Works	Le Roi Elegant LB Click BP - Sierra Styled (SPW)	Medium Sized Single Tube BP Pens	1	Le Roi Elegant LB Tubes	Le Roi BU
Smitty's Pen Works	Le Roi Elegant LB Twist BP - Sierra Styled (SPW)	Medium Sized Single Tube BP Pens	1	Le Roi Elegant LB Tubes	Le Roi BU
Smitty's Pen Works	Le Roi Elegant Major Twist BP - Sierra Styled (SPW)	Medium Sized Single Tube BP Pens	1	Le Roi Elegant Tubes	Le Roi BU
Smitty's Pen Works	Le Roi Elegant Royale Twist BP - Sierra Styled (SPW)	Medium Sized Single Tube BP Pens	1	Le Roi Elegant Royale Tubes	Le Roi Elegant Royale BU
Smitty's Pen Works	Le Roi Elegant Twist BP - Sierra Styled (SPW)	Medium Sized Single Tube BP Pens	1	Le Roi Elegant Tubes	Le Roi BU
Smitty's Pen Works	Le Roi Royale Twist BP - Sierra Styled (SPW)	Medium Sized Single Tube BP Pens	1	Le Roi Elegant Royale Tubes	Le Roi Elegant Royale BU
Smitty's Pen Works	Le Roi Twist BP - Sierra Styled (SPW)	Medium Sized Single Tube BP Pens	1	Le Roi Elegant Tubes	Le Roi BU
Smitty's Pen Works	Le Roi V2 Click BP - Sierra Styled (SPW)	Medium Sized Single Tube BP Pens	1	Le Roi V2 Tubes	Le Roi V2 Bushings



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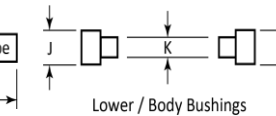
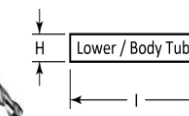
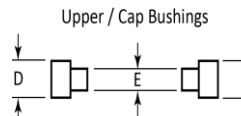
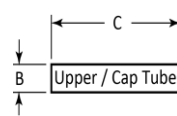
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Note: All data was compiled from suppliers published kit, tube and bushing information.

Tolerances - All Imperial English Units Measurements:

2 - Place Dims +/- .01 & 3 - Place Dims +/- .005



Use this Chart with Discretion. Manufacturers Change dimensions of parts on Occasion. It Should Only be Used as a Reference Guide.  
**ALWAYS MEASURE AND RELY ON THE KIT PARTS FOR ACCURACY.**

Kit Supplier	Kit Description	Upper Body Tubes			Upper Body			Lower Body Tubes			Lower Body		
		A Drill Dia.	B Dia.	C Length	D Dia.	E Dia.	F Dia.	G Drill Dia.	H Dia.	I Length	J Dia.	K Dia.	L Dia.
Smitty's Pen Works	Abraham Jr Screw Cap RB or FP (Dayacom)	12.5mm or 0.492	0.483	1.90	0.567	0.460	0.567	10.5mm or Z	0.400	2.09	0.512	0.376	0.512
Smitty's Pen Works	Bolt Action 30 Caliber BP (PSI)	3/8 or 9.5mm	0.368	1.97	0.466	0.345	0.466	Cartridge Like Bullet Like	x	x	x	x	x
Smitty's Pen Works	Caballero V1 Screw Cap RB or FP (???)	12mm or 15/32	0.450	1.82	0.532	0.429	0.532	10mm or 25/64	0.385	2.10	0.462	0.357	0.483
Smitty's Pen Works	Caballero V2 Screw Cap RB or FP (???)	12mm or 15/32	0.450	1.82	0.532	0.429	0.532	10mm or 25/64	0.385	2.10	0.462	0.357	0.483
Smitty's Pen Works	Celtic Twist BP (PSI)	3/8 or 9.5mm	0.368	3.00	0.525	0.345	0.525	x	x	x	x	x	x
Smitty's Pen Works	Concava Twist BP (PSI)	7mm or J	0.268	1.69	0.520	x	0.520	7mm or J	0.268	2.25	0.450	x	0.331
Smitty's Pen Works	Creekline Twist BP (Dayacom)	7mm or J	0.268	2.03	0.410	x	0.433	7mm or J	0.268	2.03	0.433	x	0.420
Smitty's Pen Works	Great Palace Vine Jr Screw Cap RB or FP (Dayacom)	12.5mm or 0.492	0.483	1.90	0.567	0.460	0.567	10.5mm or Z	0.400	2.09	0.512	0.376	0.512
Smitty's Pen Works	Great Palace Vine Screw Cap RB or FP (Dayacom)	37/64 or 14.7mm	0.571	2.05	0.655	0.547	0.655	15/32 or 12mm	0.450	2.26	0.597	0.427	0.597
Smitty's Pen Works	Le Roi Elegant Click BP - Sierra Styled (SPW)	27/64 or 10.7mm	0.410	2.16	0.474	0.381	0.474	x	x	x	x	x	x
Smitty's Pen Works	Le Roi Elegant LB Click BP - Sierra Styled (SPW)	27/64 or 10.7mm	0.410	2.50	0.474	0.381	0.474	x	x	x	x	x	x
Smitty's Pen Works	Le Roi Elegant LB Twist BP - Sierra Styled (SPW)	27/64 or 10.7mm	0.410	2.50	0.474	0.381	0.474	x	x	x	x	x	x
Smitty's Pen Works	Le Roi Elegant Major Twist BP - Sierra Styled (SPW)	27/64 or 10.7mm	0.410	2.16	0.474	0.381	0.474	x	x	x	x	x	x
Smitty's Pen Works	Le Roi Elegant Royale Twist BP - Sierra Styled (SPW)	3/8 or 9.5mm	0.368	2.84	0.474	0.345	0.474	x	x	x	x	x	x
Smitty's Pen Works	Le Roi Elegant Twist BP - Sierra Styled (SPW)	27/64 or 10.7mm	0.410	2.16	0.474	0.381	0.474	x	x	x	x	x	x
Smitty's Pen Works	Le Roi Royale Twist BP - Sierra Styled (SPW)	3/8 or 9.5mm	0.368	2.84	0.474	0.345	0.474	x	x	x	x	x	x
Smitty's Pen Works	Le Roi Twist BP - Sierra Styled (SPW)	27/64 or 10.7mm	0.410	2.25	0.474	0.381	0.474	x	x	x	x	x	x
Smitty's Pen Works	Le Roi V2 Click BP - Sierra Styled (SPW)	3/8 or 9.5mm	0.368	2.25	0.474	0.345	0.474	x	x	x	x	x	x



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Kit Style 0 are Misc. Kit

Some Kits May Require  
Modifying Replacement  
Tube Lengths.



Typical Mandrel Dia. Sizes  
A - .247 Dia. B - .291 Dia.  
Size Determined by Supplier



Kit Supplier	Kit Description	Category & Size	Kit Style	Replacement Tubes	Bushing Set
Smitty's Pen Works	Le Roi V2 Elegant Twist BP - Sierra Styled (SPW)	Medium Sized Single Tube BP Pens	1	Le Roi V2 Tubes	Le Roi V2 Bushings
Smitty's Pen Works	Le Roi V2 Twist BP - Sierra Styled (SPW)	Medium Sized Single Tube BP Pens	1	Le Roi V2 Tubes	Le Roi V2 Bushings
Smitty's Pen Works	Mirage Screw Cap RB or FP (Dayacom)	Extra Large Sized RB or FP Pens	3	Mirage Tubes	Mirage Bushings
Smitty's Pen Works	Morgan Jr Screw Cap RB or FP (Dayacom)	Large Sized RB or FP Pens	3	Jr Morgan Tubes	Jr Morgan Bushings
Smitty's Pen Works	Vertex Click BP (PSI)	Medium Sized Single Tube BP Pens	1	PSI PKFP4000TU	PSI PKFPBU
Smitty's Pen Works	Vertex Magnetic Cap RB or FP (PSI)	Medium Sized Single Tube RB or FP Pens	3	PSI PKFP5000TU	PSI PKFP5000BU

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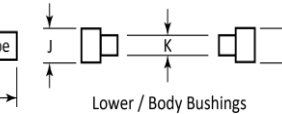
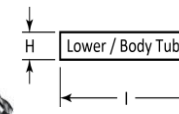
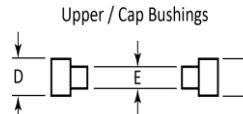
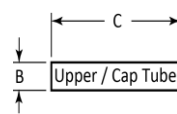
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Smitty's Pen Works	Le Roi V2 Elegant Twist BP - Sierra Styled (SPW)	3/8 or 9.5mm	0.368	2.16	0.474	0.345	0.474	x	x	x	x	x	x
Smitty's Pen Works	Le Roi V2 Twist BP - Sierra Styled (SPW)	3/8 or 9.5mm	0.368	2.25	0.474	0.345	0.474	x	x	x	x	x	x
Smitty's Pen Works	Mirage Screw Cap RB or FP (Dayacom)	12.5mm or 0.492	0.483	2.29	0.631	0.460	0.567	10.5mm or Z	0.400	2.68	0.631	0.376	0.512
Smitty's Pen Works	Morgan Jr Screw Cap RB or FP (Dayacom)	12.5mm or 0.492	0.483	1.90	0.567	0.460	0.567	10.5mm or Z	0.400	2.09	0.512	0.376	0.481
Smitty's Pen Works	Vertex Click BP (PSI)	Metal Cap	x	x	x	x	x	3/8 or 9.5mm	0.368	2.91	0.433	0.345	0.433
Smitty's Pen Works	Vertex Magnetic Cap RB or FP (PSI)	Metal Cap	x	x	x	x	x	10.5mm or Z	0.400	2.38	0.460	0.376	0.460

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