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Imperial Supplier 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
Crooked Mill	Abraham Jr Screw Cap RB or FP (Dayacom)	Large Sized RB or FP Pens	3	Jr Abraham Pen	Jr Abraham Pen
Crooked Mill	Annular Twist BP (PSI)	Medium Sized Single Tube BP Pens	1	Annular Twist Pen	Annular Twist Pen
Crooked Mill	Aston Screw Cap RB	Large Sized RB or FP Pens	3	Aston	Aston
Crooked Mill	Bolt Action 30 Caliber BP - Pirate BP (???)	Ornate Medium Sized Single Tube Bullet BP Pens	1	Pirate Pen	Pirate Pen
Crooked Mill	Bolt Action Tec-Pen BP and Stylus (PSI)	Medium Sized Single Tube Bullet BP with Stylus	1	Tec Pen	Tec Pen
Crooked Mill	Bullet Cartridge Twist 30 Caliber BP (???)	Medium Sized Single Tube Bullet BP Pens	2	Twist Bullet Pen	Twist Bullet Pen
Crooked Mill	Chalk Holder (PSI)	Large Sized Specialty Style Pens	1	Chalk Holder	Chalk Holder
Crooked Mill	Cigar Twist BP - Fancy (???)	Large Sized BP Pens	2	Cigar Pen	Cigar Pen
Crooked Mill	Cigar Twist BP (???)	Large Sized BP Pens	2	Cigar Pen	Cigar Pen
Crooked Mill	Cigar Twist Pencil - Fancy (???)	Large Sized Pencils	2	Cigar Pen	Cigar Pen
Crooked Mill	Cigar Twist Pencil (???)	Large Sized Pencils	2	Cigar Pen	Cigar Pen
Crooked Mill	Citizen Jr Screw Cap RB or FP (Dayacom)	Large Sized RB or FP Pens	3	Jr Citizen Pen	Jr Citizen Pen
Crooked Mill	Citizen Screw Cap RB or FP (Dayacom)	Large Sized RB or FP Pens	3	Citizen Pen	Citizen Pen
Crooked Mill	Editor Snap Cap BP - Magnetic (???)	Medium Sized Single Tube BP Pens	3	Editor Pen	Editor Pen
Crooked Mill	Edward Jr Twist BP (Dayacom)	Large Sized BP Pens	2	Jr Edward Pen	Jr Edward Pen
Crooked Mill	Elegant American Twist BP (Berea)	Medium Sized Single Tube BP Pens	2	Elegant American Pen	Elegant American
Crooked Mill	Elegant Executive Twist BP - Sierra Styled (???)	Medium Sized Single Tube BP Pens	1	Elegant Executive Pen	Elegant Executive
Crooked Mill	Emperor Jr Screw Cap RB or FP (Dayacom)	Large Sized RB or FP Pens	3	Jr Emperor Pen	Jr Emperor Pen



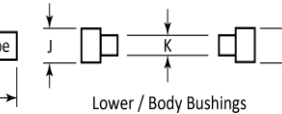
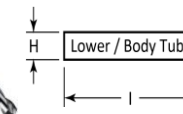
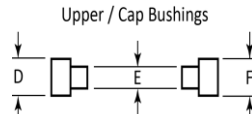
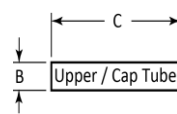
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ALWAYS MEASURE AND RELY ON THE KIT PARTS FOR ACCURACY.

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.
Crooked Mill	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
Crooked Mill	Annular Twist BP (PSI)	3/8 or 9.5mm	0.368	2.94	0.472	0.345	0.472	x	x	x	x	x	x
Crooked Mill	Aston Screw Cap RB	12mm or 15/32	0.450	?	0.545	0.429	0.545	10mm or 25/64	0.385	?	0.525	0.357	0.450
Crooked Mill	Bolt Action 30 Caliber BP - Pirate BP (???)	3/8 or 9.5mm	0.368	1.97	0.466	0.345	0.466	Cartridge Like Bullet Like	x	x	x	x	x
Crooked Mill	Bolt Action Tec-Pen BP and Stylus (PSI)	Metal Cap	x	x	x	x	x	8mm or O	0.311	2.50	0.425	0.286	0.425
Crooked Mill	Bullet Cartridge Twist 30 Caliber BP (???)	10mm or 25/64	0.385	2.07	0.466	0.357	0.466	Cartridge Like Bullet Like	x	x	x	x	x
Crooked Mill	Chalk Holder (PSI)	12.5mm or 0.492	0.483	2.96	0.571	0.460	0.571	x	x	x	x	x	x
Crooked Mill	Cigar Twist BP - Fancy (???)	10mm or 25/64	0.385	1.91	0.475	0.357	0.575	10mm or 25/64	0.385	2.09	0.530	0.357	0.459
Crooked Mill	Cigar Twist BP (???)	10mm or 25/64	0.385	1.91	0.475	0.357	0.575	10mm or 25/64	0.385	2.09	0.530	0.357	0.459
Crooked Mill	Cigar Twist Pencil - Fancy (???)	10mm or 25/64	0.385	1.91	0.475	0.357	0.575	10mm or 25/64	0.385	2.09	0.530	0.357	0.459
Crooked Mill	Cigar Twist Pencil (???)	10mm or 25/64	0.385	1.91	0.475	0.357	0.575	10mm or 25/64	0.385	2.09	0.530	0.357	0.459
Crooked Mill	Citizen 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
Crooked Mill	Citizen 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
Crooked Mill	Editor Snap Cap BP - Magnetic (???)	8mm or O	0.311	2.60	0.423	0.286	0.423	Metal Cap	x	x	x	x	x
Crooked Mill	Edward Jr Twist BP (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
Crooked Mill	Elegant American Twist BP (Berea)	8mm or O	0.311	2.00	0.400	0.286	0.470	8mm or O	0.311	2.15	0.470	0.286	0.360
Crooked Mill	Elegant Executive Twist BP - Sierra Styled (???)	27/64 or 10.7mm	0.410	?	0.473	0.381	0.473	x	x	x	x	x	x
Crooked Mill	Emperor 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



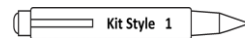
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Typical Mandrel Dia. Sizes
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Kit Supplier	Kit Description	Category & Size	Kit Style	Replacement Tubes	Bushing Set
Crooked Mill	European Twist BP (???)	Medium Sized BP Pens	2	European Pen	European Pen
Crooked Mill	Executive Screw Cap RB or FP (Dayacom)	Medium Sized RB or FP Pens	3	Executive Fountain Pen	Executive Fountain Pen
Crooked Mill	Extendable Magnetic Pickup (???)	Medium Sized Single Tube Specialty Items	0	Expandable Pickup	Expandable Pickup
Crooked Mill	Fancy Click Pencil (???)	Slim Sized Pencils	2	Fancy Click Pencil	Slimline
Crooked Mill	Flashlight - Laser Pointer (???)	Large Sized Single Tube Misc. Items	0	Laser Pointer	Laser Pointer
Crooked Mill	Flashlight - Mini (???)	Large Sized Specialty Items	0	Mini Flashlight	Mini Flashlight
Crooked Mill	Gear Click BP (PSI)	Medium Sized Single Tube BP Pens	1	Gear Click Pen	Gear Click Pen
Crooked Mill	Gentleman Jr Screw Cap RB or FP - Large (Dayacom)	Extra Large Sized RB or FP Pens	3	Large Jr Gentleman FP	Large Jr Gentleman FP
Crooked Mill	Hex Magnetic Cap RB or FP (???)	Large Sized RB or FP Pens	3	Hex Magnetic - Magnetic FP	Hex Magnetic - Magnetic FP
Crooked Mill	Inspirational Twist BP (???)	Ornate Large Sized BP Pens	2	Inspirational Pen	Inspirational Pen
Crooked Mill	Ivy Twist BP (Rizheng)	Large Sized BP Pens	0	Ivy Twist Pen	Ivy Twist Pen
Crooked Mill	Jazz Click Bolt Action BP (TM)	Medium Sized Single Tube BP Pens	1	Jazz Bolt	Jazz Bolt
Crooked Mill	Kitchenware - Bottle Opener (???)	Extra Large No Tubes or Bushings Misc. Items	0	x	3/8-16 Threaded Mandral & 3/8-16 Tap
Crooked Mill	Kitchenware - Ice Cream Scoop (???)	Extra Large No Tubes or Bushings Misc. Items	0	x	x
Crooked Mill	Magnetic Cap FP (???)	Large Sized Single Tube RB or FP Pens	3	Hex Magnetic/Magnetic FP	Hex Magnetic - Magnetic FP
Crooked Mill	Magnetic Cap RB - Straight Clip (???)	Large Sized Single Tube RB or FP Pens	3	Magnetic Pen	Magnetic Pen
Crooked Mill	Magnetic Cap RB (???)	Large Sized Single Tube RB or FP Pens	3	Magnetic Pen	Magnetic Pen
Crooked Mill	Marchesa Twist Cap BP (???)	Medium Sized Single Tube BP Pens	2	Marchesa Pen	Marchesa Pen



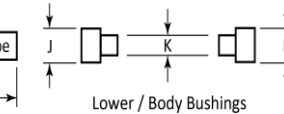
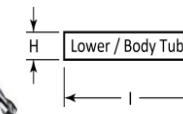
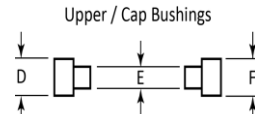
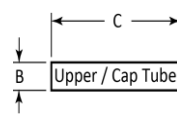
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		A Drill Dia.	B Dia.	C Length	D Dia.	E Dia.	F Dia.	G Drill Dia.	H Dia.	I Length	J Dia.	K Dia.	L Dia.
Crooked Mill	European Twist BP (???)	7mm or J	0.268	2.00	?	x	?	7mm or J	0.268	2.24	?	x	?
Crooked Mill	Executive Screw Cap RB or FP (Dayacom)	27/64 or 10.7mm	0.410	1.73	0.480	0.381	0.507	27/64 or 10.7mm	0.410	2.92	0.478	0.381	0.466
Crooked Mill	Extendable Magnetic Pickup (???)	10.5mm or Z	0.400	?	0.488	0.376	0.488	x	x	x	x	x	x
Crooked Mill	Fancy Click Pencil (???)	7mm or J	0.268	2.03	0.331	x	0.331	7mm or J	0.268	2.03	0.331	x	0.331
Crooked Mill	Flashlight - Laser Pointer (???)	12.5mm or 0.492	0.483	?	0.558	0.460	0.558	Metal Tip	x	x	x	x	x
Crooked Mill	Flashlight - Mini (???)	12.5mm or 0.492	0.483	1.84	0.545	0.460	0.550	12.5mm or 0.492	0.483	1.84	0.550	0.460	0.545
Crooked Mill	Gear Click BP (PSI)	Metal Cap	x	x	x	x	x	3/8 or 9.5mm	0.368	2.22	0.495	0.345	0.495
Crooked Mill	Gentleman Jr Screw Cap RB or FP - Large (Dayacom)	37/64 or 14.7mm	0.571	?	0.653	0.547	0.653	15/32 or 12mm	0.450	?	0.598	0.427	0.527
Crooked Mill	Hex Magnetic Cap RB or FP (???)	12.5mm or 0.492	0.483	?	0.530	0.460	0.530	10.5mm or Z	0.400	?	0.518	0.376	0.518
Crooked Mill	Inspirational Twist BP (???)	8mm or O	0.311	1.75	0.531	0.286	0.512	8mm or O	0.311	2.09	0.512	0.286	0.405
Crooked Mill	Ivy Twist BP (Rizheng)	8mm or O	0.311	1.00	0.492	0.286	0.527	7mm or J	0.268	2.25	0.525	x	0.354
Crooked Mill	Jazz Click Bolt Action BP (TM)	9mm or 23/64	0.347	?	?	0.324	?	x	x	x	x	x	x
Crooked Mill	Kitchenware - Bottle Opener (???)	Metal Opener	x	x	x	x	x	5/16 or 11/32	1.25	x	x	x	x
Crooked Mill	Kitchenware - Ice Cream Scoop (???)	Metal Scoop	x	x	x	x	x	8mm or O	x	1.19	x	x	x
Crooked Mill	Magnetic Cap FP (???)	12.5mm or 0.492	0.483	?	0.530	0.460	0.530	10.5mm or Z	0.400	?	0.518	0.376	0.518
Crooked Mill	Magnetic Cap RB - Straight Clip (???)	Metal Cap	x	x	x	x	x	10.5mm or Z	0.400	2.96	0.510	0.376	0.510
Crooked Mill	Magnetic Cap RB (???)	Metal Cap	x	x	x	x	x	10.5mm or Z	0.400	2.96	0.510	0.376	0.510
Crooked Mill	Marchesa Twist Cap BP (???)	Metal Cap	x	x	x	x	x	7mm or J	0.268	2.16	0.432	x	0.329



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Crooked Mill	Milton Jr Screw Cap FP (Dayacom)	Large Sized RB or FP Pens	3	Jr Milton Pen	Jr Milton Pen
Crooked Mill	Milton Jr Screw Cap RB (Dayacom)	Large Sized RB or FP Pens	3	Jr Milton Pen	Jr Milton Pen
Crooked Mill	Nexus Twist BP (???)	Medium Sized BP Pens	1	Nexus Pen	Nexus Pen
Crooked Mill	Officer Twist BP (???)	Medium Sized Single Tube BP Pens	1	Officer Twist Pen	Officer Twist Pen
Crooked Mill	Ornate Pearl Twist BP (???)	Medium Sized Single Tube BP Pens	1	Ornate Pearl Pen	Ornate Pearl - Steampunk Pen
Crooked Mill	Panache Screw Cap RB (Dayacom)	Extra Large Sized RB or FP Pens	3	Panache Pen	Panache Pen
Crooked Mill	Professor Twist BP (Dayacom)	Medium Sized Single Tube BP Pens	1	Professor Pen	Professor Pen
Crooked Mill	Razor - Mach 3 Cartridges (???)	Medium Sized Single Tube Shaving Accessories	0	Mach 3 Razor	Mach 3 Razor
Crooked Mill	Razor - Safety (???)	Medium Sized Single Tube Shaving Accessories	0	Safety Razor	Safety Razor
Crooked Mill	Razor & Brush Stand (???)	Large Sized Single Tube Shaving Accessories	0	x	Razor Stand
Crooked Mill	Retro Screw Cap RB or FP (???)	Large Sized RB or FP Pens	3	Retro Rollerball Pen	Retro Rollerball Pen
Crooked Mill	Sketch 3mm Click Pencil (???)	Medium Sized Single Tube Pencils	1	Sketch Pencil	Sketch Pencil
Crooked Mill	Slimline Twist BP (???)	Slim Sized BP Pens	2	Slimline Pen	Slimline
Crooked Mill	Steampunk Twist BP - Sierra Styled (???)	Medium Sized Single Tube BP Pens	1	Steampunk Pen	Ornate Pearl - Steampunk Pen
Crooked Mill	Tools - Toolbox 5.6mm Pencil (???)	Large Sized Pencils	2	Toolbox Pencil	Toolbox Pencil
Crooked Mill	Tools - Toolbox 5.6mm Sketch Pencil (???)	Large Sized Tools and Utility Items	2	?	?



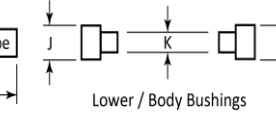
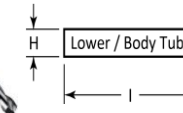
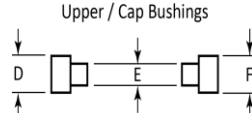
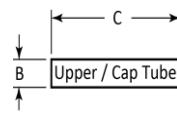
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Crooked Mill	Milton Jr Screw Cap FP (Dayacom)	12.5mm or 0.492	0.483	1.90	0.567	0.460	0.567	10.5mm or Z	0.400	2.09	0.512	0.376	0.481
Crooked Mill	Milton Jr Screw Cap RB (Dayacom)	12.5mm or 0.492	0.483	1.90	0.567	0.460	0.567	10.5mm or Z	0.400	2.09	0.512	0.376	0.481
Crooked Mill	Nexus Twist BP (???)	7mm or J	0.268	2.13	0.347	x	0.424	7mm or J	0.268	2.13	0.424	x	0.331
Crooked Mill	Officer Twist BP (???)	3/8 or 9.5mm	0.368	2.81	0.413	0.345	0.413	Metal Cap	x	x	x	x	x
Crooked Mill	Ornate Pearl Twist BP (???)	3/8 or 9.5mm	0.368	2.94	0.491	0.345	0.491	x	x	x	x	x	x
Crooked Mill	Panache Screw Cap RB (Dayacom)	12.5mm or 0.492	0.483	2.02	0.670	0.460	0.570	10.5mm or Z	0.400	2.91	0.570	0.376	0.788
Crooked Mill	Professor Twist BP (Dayacom)	9mm or 23/64	0.347	2.64	0.468	0.324	0.468	x	x	x	x	x	x
Crooked Mill	Razor - Mach 3 Cartridges (???)	7mm or J	0.268	?	0.428	x	0.428	Razor Head	x	x	x	x	x
Crooked Mill	Razor - Safety (???)	7mm or J	0.268	3.00	0.393	x	0.393	Razor Head	x	x	x	x	x
Crooked Mill	Razor & Brush Stand (???)	21/64 or 8.5mm	?	?	0.441	?	0.441	Razor Stand	x	x	x	x	x
Crooked Mill	Retro Screw Cap RB or FP (???)	1/2 or 12.6mm	0.483	1.88	0.566	0.458	0.571	27/64 or 10.7mm	0.410	2.00	0.511	0.381	0.479
Crooked Mill	Sketch 3mm Click Pencil (???)	8mm or O	0.311	3.81	0.413	0.286	0.413	x	x	x	x	x	x
Crooked Mill	Slimline Twist BP (???)	7mm or J	0.268	?	0.331	x	0.331	7mm or J	0.268	?	0.338	x	0.338
Crooked Mill	Steampunk Twist BP - Sierra Styled (???)	3/8 or 9.5mm	0.368	?	0.491	0.345	0.491	x	x	x	x	x	x
Crooked Mill	Tools - Toolbox 5.6mm Pencil (???)	8mm or O	0.311	?	0.512	0.286	0.512	8mm or O	0.311	?	0.512	0.286	0.512
Crooked Mill	Tools - Toolbox 5.6mm Sketch Pencil (???)	7/16 or 11.2mm	0.415	1.78	0.512	0.389	0.512	7/16 or 11.2mm	0.415	1.78	0.512	0.389	0.512



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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
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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.



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

Imperial Supplier Kit Bushing & Tube Refs.

Imperial English Units Revised 7-2-2023

Please report any additions, corrections, suggestions to:

Wayne Racinowski - IAP Library Manager
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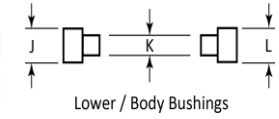
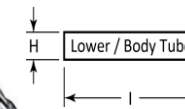
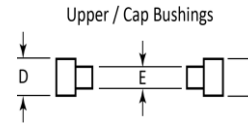
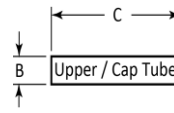
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Note: All data was compiled from suppliers
published kit, tube and bushing information.

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.
		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.											