

Lee Valley Kit Bushing and TubeReferences **Revised Feb. 19, 2014**

Please report any additions, corrections,
requested revisions or suggestions to:
WRACINOWSKI at WI dot RR dot COM

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



Style 1



Style 2



style 3



Some Kits may require
modifying tube length.



Typical Mandrel Diameter Sizes

A - .247 Dia. B - .291 Dia.



Lee Valley Kit Description	Category & Size	Kit Supplier	Kit Style	Lee Valley Replacement Tubes	Lee Valley Bushing Set
Baron Screw Cap RB & FP	Large Sized RB & FP Pens	Lee Valley	3	88K78.54	88K78.82
Cambridge Screw Cap RB & FP	Ornate Large Sized BP Pens	Lee Valley	3	88K78.46	88K78.75
Cushion Grip Click BP	Slim Sized Pencils	Lee Valley	2	88K78.45	88K78.74
EL Grande Screw Cap RB & FP	Large Sized RB & FP Pens	Lee Valley	3	88K78.46	88K78.75
El Toro Screw Cap FP	Extra Large Sized RB & FP Pens	Lee Valley	3	88K78.53	88K78.81
Electra Screw Cap RB & FP	Large Sized Single Tube RB & FP Pens	Lee Valley	3	88K76.18	88K78.83
Extra Large XL Twist (Cigar) BP	Large Sized BP Pens	Lee Valley	2	88K78.42	88K78.72
Flat Top Screw Cap RB & FP	Medium Sized RB & FP Pens	Lee Valley	3	88K78.44	88K78.73
Flat Top Twist .7mm Pencil	Medium Sized Pencils	Lee Valley	2	88K78.50	88K78.78
Flat Top Twist BP	Medium Sized BP Pens	Lee Valley	2	88K78.49	88K78.78
Half Twist Floral & Triangle BP & Pencil	Medium Sized BP Pens & Medium Sized Pencils	Lee Valley	2	88K78.51	88K78.79
Lanyard Stylus	Stylus Items	Lee Valley	1	88K80.34	88K78.70
Ornate Extra Large XL Twist (Cigar) BP	Ornate Large Sized BP Pens	Lee Valley	2	88K78.42	88K78.72
Rinehart Screw Cap RB	Large Sized RB & FP Pens	Lee Valley	3	88K76.98	88K78.82
Round Top European Twist BP	Medium Sized BP Pens	Lee Valley	2	88K78.43	88K78.71
Sierra Button Click BP	Medium Sized Single Tube BP Pens	Lee Valley	1	88K78.60	88K78.80
Sierra Twist BP	Medium Sized Single Tube BP Pens	Lee Valley	1	88K78.52	88K78.80
Sierra Stylus Twist BP	Medium Sized Single Tube BP Pens - Stylus Items	Lee Valley	1	88K78.52	88K78.80
Slimline Click Pencil	Slim Sized Pencils	Lee Valley	2	88K78.41	88K78.70
Slimline Deco/Greek Key Click Pencil	Slim Sized Pencils	Lee Valley	2	88K78.41	88K78.70
Slimline Deco/Greek Key Twist BP	Slim Sized BP Pens	Lee Valley	2	88K78.40	88K78.70
Slimline Twist BP	Slim Sized BP Pens	Lee Valley	2	88K78.40	88K78.70
Slimline Stylus Twist BP	Slim Sized BP Pens - Stylus Items	Lee Valley	2	88K78.40	88K78.70
Streamline Flat Top Twist BP	Medium Sized BP Pens	Lee Valley	2	88K78.40	88K78.76
Streamline Round Top Twist BP	Medium Sized BP Pens	Lee Valley	2	88K78.48	88K78.77
Stubby Lanyard Stylus	Stylus Items	Lee Valley	1	88K80.34	88K78.70
Triton Screw Cap RB	Large Sized RB & FP Pens	Lee Valley	3	88K76.88	88K78.84
Virage Twist BP	Medium Sized Single Tube BP Pens	Lee Valley	1	88K78.52	88K80.53
Virage Screw Cap RB & FP	Large Sized RB & FP Pens	Lee Valley	3	88K80.64	88K80.63
Woodworkers Sketch Pencil	Workshop Style Pencils	Lee Valley	2	88K80.74	88K80.73

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.

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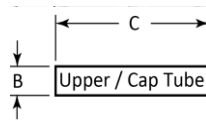
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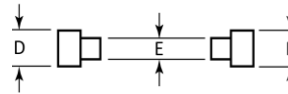
A Drill Dia.



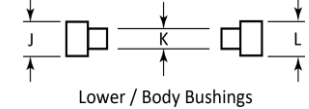
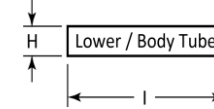
All Tolerances for:
2 Place Dims is +/- .01 & 3 Place Dims is +/- .003



Upper / Cap Bushings



G Drill Dia.



Use this chart with discretion, it should only be used as a reference guide.

Lee Valley Kit Description	Upper / Cap Tube			Upper / Cap Bushings			Lower / Body Tube			Lower / Body Bushing		
	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.
Baron Screw Cap RB & FP	15/32"	0.450	1.81	0.535	0.429	0.535	10 mm or 25/64"	0.385	2.09	0.482	0.357	0.482
Cambridge Screw Cap RB & FP	33/64"	0.510	1.69	0.590	0.494	0.590	31/64"	0.470	1.97	0.536	0.450	0.536
Cushion Grip Click BP	8mm or "O"	0.311	2.09	0.373	0.286	0.373	8mm or "O"	0.311	2.09	x	0.286	x
EL Grande Screw Cap RB & FP	33/64"	0.510	1.69	0.590	0.494	0.590	31/64"	0.470	1.97	0.536	0.450	0.536
El Toro Screw Cap FP	14mm or 35/64"	0.539	1.85	0.621	0.510	0.667	31/64"	0.472	1.40	0.609	0.447	0.550
Electra Screw Cap RB & FP	x	x	x	x	x	x	10.5mm or 13/32"	0.400	2.81	0.512	0.380	0.481
Extra Large XL Twist (Cigar) BP	10 mm or 25/64"	0.385	1.91	0.475	0.357	0.575	10 mm or 25/64"	0.385	2.09	0.530	0.357	0.459
Flat Top Screw Cap RB & FP	3/8" or "V"	0.368	1.98	0.492	0.342	0.492	3/8" or "V"	0.368	1.98	0.450	0.342	0.450
Flat Top Twist .7mm Pencil	8mm or "O"	0.311	2.01	0.495	0.286	0.495	8mm or "O"	0.311	2.01	0.397	0.286	0.397
Flat Top Twist BP	8mm or "O"	0.311	2.01	0.495	0.286	0.495	8mm or "O"	0.311	2.01	0.397	0.286	0.397
Half Twist Floral & Triangle BP & Pencil	11/32" or "S"	0.338	2.13	0.462	0.316	0.542	8mm or "O"	0.311	2.36	0.467	0.286	0.367
Lanyard Stylus	7mm or "J"	0.268	2.03	0.331	x	0.331	x	x	x	x	x	x
Ornate Extra Large XL Twist (Cigar) BP	10 mm or 25/64"	0.385	1.91	0.475	0.357	0.575	10 mm or 25/64"	0.385	2.09	0.530	0.357	0.459
Rinehart Screw Cap RB	15/32"	0.450	1.81	0.535	0.429	0.535	10 mm or 25/64"	0.385	2.09	0.482	0.357	0.482
Round Top European Twist BP	7mm or "J"	0.268	2.09	0.406	x	.512 / .400	7mm or "J"	0.268	2.36	0.425	x	0.360
Sierra Button Click BP	27/64"	0.410	2.42	0.474	0.381	0.474	x	x	x	x	x	x
Sierra Twist BP	27/64"	0.410	2.21	0.474	0.381	0.474	x	x	x	x	x	x
Sierra Stylus Twist BP	27/64"	0.410	2.21	0.474	0.381	0.474	x	x	x	x	x	x
Slimline Click Pencil	7mm or "J"	0.268	1.86	0.331	x	0.331	7mm or "J"	0.268	1.86	0.331	x	0.331
Slimline Deco/Greek Key Click Pencil	7mm or "J"	0.268	1.86	0.331	x	0.331	7mm or "J"	0.268	1.86	0.331	x	0.331
Slimline Deco/Greek Key Twist BP	7mm or "J"	0.268	2.09	0.331	x	0.331	7mm or "J"	0.268	2.09	0.331	x	0.331
Slimline Twist BP	7mm or "J"	0.268	2.09	0.331	x	0.331	7mm or "J"	0.268	2.09	0.331	x	0.331
Slimline Stylus Twist BP	7mm or "J"	0.268	2.09	0.331	x	0.331	7mm or "J"	0.268	2.09	0.331	x	0.331
Streamline Flat Top Twist BP	7mm or "J"	0.268	2.09	0.344	x	0.416	7mm or "J"	0.268	2.09	0.416	x	0.334
Streamline Round Top Twist BP	7mm or "J"	0.268	2.09	0.411	x	0.416	7mm or "J"	0.268	2.21	0.416	x	0.334
Stubby Lanyard Stylus	7mm or "J"	0.268	2.03	0.331	x	0.331	x	x	x	x	x	x
Triton Screw Cap RB	12.5mm or 0.492	0.483	1.90	0.567	0.460	0.567	10.5mm or 13/32"	0.400	1.85	0.513	0.380	0.481
Virage Twist BP	27/64"	0.410	2.21	0.474	0.381	0.474	x	x	x	x	x	x
Virage Screw Cap RB & FP	15/32"	0.450	1.81		0.429		10 mm or 25/64"	0.385	2.33		0.357	
Woodworkers Sketch Pencil	29/64"		1.65				29/64"		1.65			

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