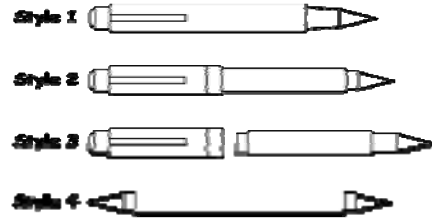
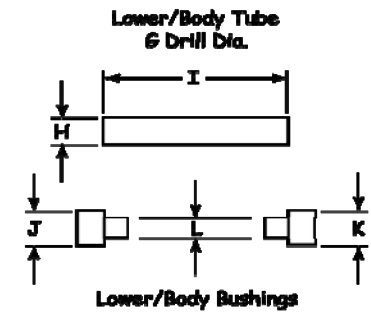
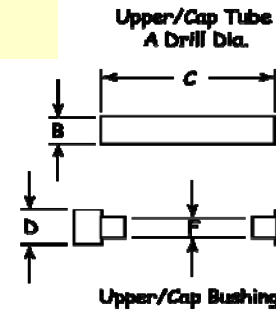


Missing Dimensions in Yellow Cells - Pen Kit Bushings and Tubes

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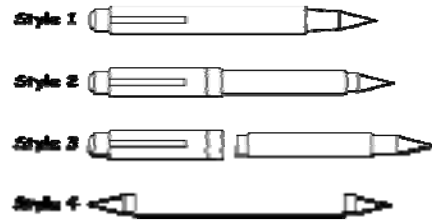
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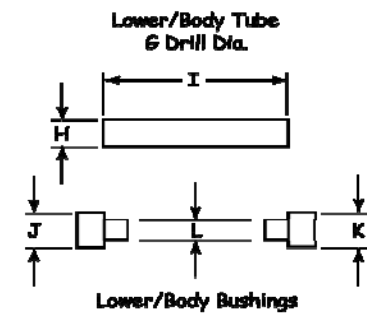
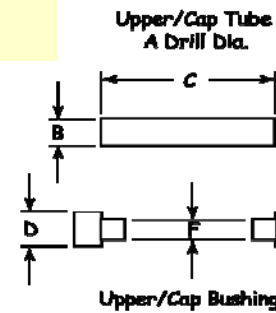
Pen #	Pen Kit Supplier	Pen Kit Description Grouped by Styling	Suppliers Bushing Set	Pen Style	Upper / Cap Tube			Upper / Cap Bushings			Lower / Body Tube			Lower / Body Bushing		
					A Drill Dia.	B Dia.	C Length	D Dia.	E Dia.	F Dia.	G Drill Dia.	H Dia.	I Length	J Dia.	K Dia.	L Dia.
1	Craft Supply USA	Aero BP	050-4124	1	23/64"			0.474	0.474		x	x	x	x	x	x
2	Penn State	Majestic Squire	PKMAJSQBU	1	3/8"	0.368		0.495	0.495	0.342	x	x	x	x	x	x
3	Arizona Silhouette	Sierra Button Click _____ Pencil	20A		27/64"	0.410		0.474	0.474	0.381	x	x	x	x	x	x
4	Berea	Sierra Button Click _____ Pencil	20A													
5	Penn State	Gatsby Button Click BP	PKGABU				2-1/4"									
6	Penn State	Gatsby Button Click _____ Pencil	PKGABU													
7	Penn State	Gatsby Twist BP	PKGABU													
8	Rockler	Carbara BP	37210	1	3/8"	0.368		0.510	0.452	0.342	x	x	x	x	x	x
9	Craft Supply USA	Apprentice Cigar BP	486-2003	2	10 mm or 25/64"	0.385		0.475	0.575	0.357	10 mm or 25/64"	0.385	2-1/16"	0.530	0.459	0.357
10	Craft Supply USA	Cigar BP	155-4101	2												
11	Penn State	Big Ben Cigar BP	PKBIGBU	3			1-15/16"									
12	Penn State	Big Ben Cigar FP & RB	PKBIGBU	2												
13	Rockler	Cigar BP	24204	2												
14	Arizona Silhouette	Cigar _____ Pencil		2	10 mm or 25/64"	0.385	1.91	0.475	0.575	0.357	10 mm or 25/64"	0.385	2.06	0.53	0.459	0.357
15	Berea	Fat Cigar _____ Pencil														
16	Penn State	Big Ben Cigar _____ Pencil														
17	Rockler	Cigar _____ Pencil														
18	Craft Supply USA	Emperor RB & FP	050-4135	3	37/64"	0.571		0.650	0.650	0.547	15/32"	0.450		0.598	0.598	0.357
19	PennState	Apollo Elite RB & FP	PKAPRBU	3	9/16"		1-11/16"	0.625	0.625		12.5mm or 0.492	0.483	2-1/8"	0.535	0.535	0.460
20	Craft Supply USA	Ligero RB	050-4055	3	31/64"	0.470		0.590	0.590	0.494	17/32"					
21	PennState	Olympian Elite RB	PKOLBU		33/64"	0.510	1.69				31/64"	0.470	2"	0.536	0.536	0.450
22	PennState	Olympian Elite 2 RB	PKOL2BU										2"			
23	Craft Supply USA	Jr Emperor RB & FP	050-4199	3	12.5mm or 0.492	0.483		0.567	0.567	0.460	10.5mm or 13/32"	0.400		0.512	0.512	0.380
24	Rockler	Jr Gentleman II RB	23571	2	31/64"	0.471						0.394				
25	Craft Supply USA	Imperial RB	050-4198	3	14mm or 35/64"	0.539		0.616	0.616	0.510	15/32"	0.453		0.552	0.552	0.429
26	Craft Supply USA	Lotus RB & FP	050-4198													

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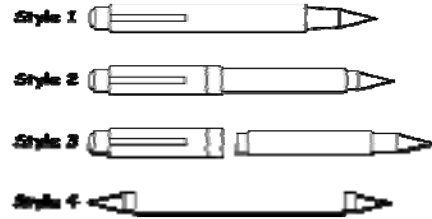
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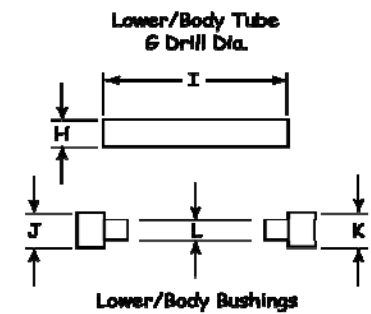
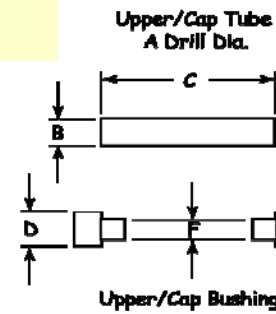
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					A Drill Dia.	B Dia.	C Length	D Dia.	E Dia.	F Dia.	G Drill Dia.	H Dia.	I Length	J Dia.	K Dia.	L Dia.
27	Arizona Silhouette	El Presidente RB	50A	3	14mm or 35/64"	0.539				0.510	31/64"	0.472				0.447
28	Arizona Silhouette	El Toro FP	50A	3	14mm or 35/64"	0.539				0.510	31/64"	0.472				0.447
29	Craft Supply USA	Zen	050-4439	3	x	x	x	x	x	x	10.5mm or 13/32"	0.400		0.512	0.512	0.380
30	Craft Supply USA	Panache	050-4011	3	12.5mm or 0.492	0.483		0.670	0.570	0.460	10.5mm or 13/32"	0.400		0.570	0.788	0.378
31	Rockler	Panache	22907													
32	Craft Supply USA	Americana BP	955-0104	2	'O' or 8mm	0.311				0.286	'O' or 8mm	0.311				0.286
33	Craft Supply USA	Americana Twist .7mm Pencil	155-5502	2	11/32" or 'S'	0.338					11/32" or 'S'	0.338				
34	Craft Supply USA	Apprentice Americana BP	486-2005	2	'O' or 8mm	0.311				0.286	'O' or 8mm	0.311				0.286
35	PennState	Classic Twist BP	PKPARKBU	2	'O' or 8mm	0.311				0.286	'O' or 8mm	0.311				0.286
36	PennState	Classic Click BP	PKPARKBU2	2	11mm	0.415	2-7/64"				'O' or 8mm	0.311	1-25/32"			
37	PennState	Classic Elite RB & FP	PKPAR10B2	3	10 mm or 25/64"	0.385	1-13/16"			0.357	10 mm or 25/64"	0.385	2-9/32"			0.357
38	PennState	Classic Twist .7mm Pencil	PKPARKBU3	2	'O' or 8mm	0.311	2.00			0.286	'O' or 8mm	0.311	2.00			0.286
39	Woodcraft	Classic American Click Cap BP	146600	2	11mm	0.415	1.78				'O' or 8mm	0.311	2.11			0.286
40	Woodcraft	Classic American Twist Cap BP	06R07	2	'O' or 8mm	0.311				0.286	'O' or 8mm	0.311				0.286
41	Woodcraft	Classic American Screw Cap RB & FP	06S89	3	3/8"	0.368	1.98			0.342	3/8"	0.368	1.98			0.342
42	Woodcraft	Classic American Snap Cap RB	06S89	3	3/8"	0.368	1.98			0.342	3/8"	0.368	1.98			0.342
43	Woodcraft	Classic American Twist Cap .7mm Pencil	06R07	2	'O' or 8mm	0.311	2.01			0.286	'O' or 8mm	0.311	2.01			0.286
44	Arizona Silhouette	European Streamline Screw Cap RB & FP	8B	3	3/8"	0.368				0.342	3/8"	0.368				0.342
45	Craft Supply USA	Apprentice European BP	486-2006	2	7mm or 'J'	0.268				x	7mm or 'J'	0.268				x
46	Craft Supply USA	European / Deco European BP	155-1100	2	7mm or 'J'	0.268				x	7mm or 'J'	0.268				x
47	Craft Supply USA	European .7mm Pencil	155-0045	2	11/32" or 'S'	0.338					11/32" or 'S'	0.338				
48	PennState	Designer Twist BP	PKMONTBU	2	7mm or 'J'	0.268	2-1/8"			x	7mm or 'J'	0.268	2-3/8"			x
49	PennState	Designer Elite RB & FP	PKMONTBU3	3	PKMONTSD3		2-7/64"			x	PKMONTSD3		2-61/64"			x
50	Woodcraft	European Twist Cap BP	06S62	2	7mm or 'J'	0.268	2.09			x	7mm or 'J'	0.268	2.36			x
51	Woodcraft	European Twist Cap .5mm Pencil	123485	2	11/32" or 'S'	0.338	2.17				11/32" or 'S'	0.338	2.33			
52	Woodcraft	European Deco Twist Cap BP	06S62	2	7mm or 'J'	0.268	2.09			x	7mm or 'J'	0.268	2.36			x
53	Woodcraft	European Screw Cap RB & FP	128452	3	3/8"	0.368	1.98			0.342	3/8"	0.368	1.98			0.342
54	Woodcraft	European Streamline Screw Cap RB & FP	06S89	3	3/8"	0.368				0.342	3/8"	0.368				0.342

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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.
55	Craft Supply USA	Americana Classic	155-0405	1	11/32" or 'S'	0.338					x	x	x	x	x	x
56	PennState	Executive Twist BP & .7mm Pencil	PKEXECBU	1	3/8"	0.368	2-7/8"			0.342	x	x	x	x	x	x
57	Craft Supply USA	Apprentice Teachers BP	486-2007	4	7mm or 'J'	0.268				x	7mm or 'J'	0.268				x
58	PennState	Teachers Twist BP	PKMBUSH3	4	7mm or 'J'	0.268				x	7mm or 'J'	0.268				x
59	Woodcraft	Teachers BP	06R03	4	7mm or 'J'	0.268	2.19			x	7mm or 'J'	0.268	(2) @ .81			x
60	Craft Supply USA	Toolbox 5.6mm Pencil	050-4498	2	11mm	0.415					11mm	0.415				
61	Craft Supply USA	Artist Sketch 5.6mm Pencil	050-5006	1	15/32"	0.453				0.429	x	x	x	x	x	x
62	PennState	Deluxe Pen & Sketch 5.6mm Pencil	PKSPCL2BU	1	11mm	0.415					x	x	x	x	x	x
63	PennState	Workshop Sketch 5.6mm Pencil	PKSPCLBU	2	11mm	0.415					11mm	0.415				
64	PennState	Mini Sketch 3mm Pencil	PKSPCL3BU	1	'O' or 8mm	0.311				0.286	x	x	x	x	x	x
65	Rockler	Toolbox _____ Pencil	26862	2	11mm	0.415					11mm	0.415				
66	Rockler	Woodworkers _____ Pencil	26397	1	10 mm or 25/64"	0.385				0.357	10 mm or 25/64"	0.385				0.357
67	Craft Supply USA	Clicker BP	050-4024	1	3/8"	0.368				0.342	3/8"	0.368				0.342
68	Craft Supply USA	Clicker .7mm Pencil	050-4024	1	3/8"	0.368				0.342	3/8"	0.368				0.342
69	Craft Supply USA	Americana RB & FP	955-0502	3	10 mm or 25/64"	0.385				0.357	10 mm or 25/64"	0.385				0.357
70	Craft Supply USA	Artisan RB & FP	155-5111	3	10 mm or 25/64"	0.385				0.357	10 mm or 25/64"	0.385				0.357
71	Craft Supply USA	Executive RB & FP	155-5102	3	27/64"	0.410				0.381	27/64"	0.410				0.381
72	Arizona Silhouette	Biscayne Flat Top BP	AZSB-14A	2	7mm or 'J'	0.268				x	7mm or 'J'	0.268				x
73	Arizona Silhouette	Streamline BP	14A													
74	Berea	Streamline BP	14A													
75	Craft Supply USA	Apprentice Roadster BP	486-2015													
76	Penn State	Trimline BP	PKXMBU													
77	Woodcraft	Toni Twist BP	145228				2.09						2.09			
78	Arizona Silhouette	Elegant American BP	15A or 17B	2	'O' or 8mm	0.311				0.286	'O' or 8mm	0.311				0.286
79	Woodcraft	Hart Double Twist BP	145233				2.00						2.15			