



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

Xiamen Rizheng Kit Bushing and Tube Refs.

Metric Units **Revised 10-5-2022**

Please report any additions, corrections, requests or suggestions to:

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

Dimensions are based on Metric Units.

Averaged Bushing Diameter Size was used to determine Category Size:

Slim = (7.65 - 10.16) mm Dia.

Medium = (10.19 - 12.70) mm Dia.

Large = (12.73 - 15.24) mm Dia.

Extra Large = (15.27 - 17.78) mm Dia.



Some Kits May Require Modifying Replacement Tube Lengths.



Kit Style 0 are Misc. Kit Styles

Typical Mandrel Dia. Sizes
A - 6.27 mm Dia. B - 7.39 mm Dia.
Size Determined by Supplier



Kit Supplier	Kit Description	Category & Size	Kit Style	Replacement Tubes	Bushing Set
Xiamen Rizheng	.50 Caliber twist pen kits RZ-BP98	?	1	RZ-BT98	RZ-BP98#-BU
Xiamen Rizheng	25mm oversize pen kits RZ-BP102	?	2	?	RZ-BP102#-BU
Xiamen Rizheng	Acacia fountain pen kits RZ-FP454	?	3	?	?
Xiamen Rizheng	Acme click pen kits RZ-BPCL138	?	2	RZ-BT138-1 & RZ-BT138-2	RZ-BPCL138#-BU
Xiamen Rizheng	AMC classic twist pen kits RZ-BP115	?	2	?	RZ-BP115#-BU
Xiamen Rizheng	Anniversary fountain pen kits RZ-FP494	?	3	RZ-BT494	RZ-RP494#-BU
Xiamen Rizheng	Anniversary rollerball pen kits RZ-RP494	?	3	RZ-BT494	RZ-RP494#-BU
Xiamen Rizheng	Annular twist pen kits RZ-BP142	?	1	RZ-BT142	RZ-BP142#-BU
Xiamen Rizheng	Artisan clicker Pen kits RZ-BPCL76	?	1	RZ-BT76	RZ-BPCL76#-BU
Xiamen Rizheng	AstonMartin fountain pen kits new RZ-FP355N	?	3	RZ-BT355	RZ-RP355#-BU
Xiamen Rizheng	AstonMartin rollerball pen kits new RZ-RP355N	?	3	RZ-BT355	RZ-RP355#-BU
Xiamen Rizheng	Atomizer pen kits RZ-BP463	?	1	RZ-BT463	RZ-BP463#-BU
Xiamen Rizheng	Badminton lovers twist pen kits RZ-BP309	?	1	RZ-BT309	RZ-BP309#-BU
Xiamen Rizheng	Baseball bat pen kits RZ-BP70	?	3	?	RZ-BP70#-BU & Mandrel RZ-MT-BP70
Xiamen Rizheng	Billiard cue pen kits RZ-RP503	?	2	RZ-BT503	RZ-RP503#-BU
Xiamen Rizheng	Bird Watcher pen kits RZ-BP480	?	2	RZ-BT480	RZ-BP191#-BU
Xiamen Rizheng	Blockhouse click pen kits RZ-BPCL317	?	1	RZ-BT317	RZ-BPCL317#-BU
Xiamen Rizheng	Bottle opener kits RZ-PK90	?	0	x	3/8-16 Threaded Mandral
Xiamen Rizheng	Bottle opener kits square RZ-PK495	?	0	x	3/8-16 Threaded Mandral
Xiamen Rizheng	Bracelet Assistant kits RZ-PK36	?	0	RZ-BT3	RZ-PK36#-BU
Xiamen Rizheng	Bullet Click Pen Kit RZ-BPCL59	?	2	RZ-BT59-1 & RZ-BT59-2	RZ-BPCL59#-BU
Xiamen Rizheng	Bullet twist pen kits RZ-BP60	?	2	RZ-BT60	RZ-BP60#-BU
Xiamen Rizheng	Bullet mechanical pencil kits RZ-PCL139	?	3	RZ-BT139	RZ-PCL139#-BU
Xiamen Rizheng	Bullet rifle bolt pen kits RZ-BP294	?	1	RZ-BT294	RZ-BP294#-BU



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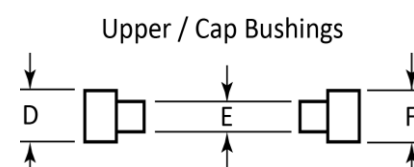
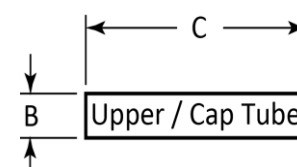
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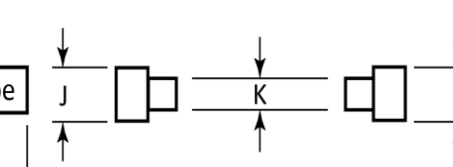
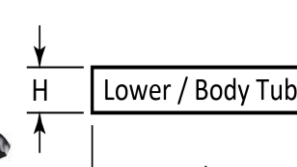
A Drill



Tolerances for All Metric Measurements:
1 Place Dims +/- .3 & 2 Place Dims +/- .13



G Drill



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Kit Supplier	Kit Description	Upper / Cap Tube			Upper / Cap Bushings			Lower / Body Tube			Lower / Body Bushings		
		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.
Xiamen Rizheng	.50 Caliber twist pen kits RZ-BP98	7mm	6.8mm	63.7mm	?	x	?	x	x	x	x	x	x
Xiamen Rizheng	25mm oversize pen kits RZ-BP102	10.7mm or 27/64	10.5mm	?	?	?	?	10.7mm or 27/64	10.5mm	?	?	?	?
Xiamen Rizheng	Acacia fountain pen kits RZ-FP454	?	?	?	?	?	?	?	?	?	?	?	?
Xiamen Rizheng	Acme click pen kits RZ-BPCL138	8mm	7.8mm	88.4mm	?	?	?	8mm	7.8mm	12.1mm	?	?	?
Xiamen Rizheng	AMC classic twist pen kits RZ-BP115	8.8mm	8.6mm	?	?	?	?	8.8mm	8.6mm	?	?	?	?
Xiamen Rizheng	Anniversary fountain pen kits RZ-FP494	10mm or 25/64	9.8mm	52mm	?	?	?	10mm or 25/64	9.8mm	60mm	?	?	?
Xiamen Rizheng	Anniversary rollerball pen kits RZ-RP494	10mm or 25/64	9.8mm	52mm	?	?	?	10mm or 25/64	9.8mm	60mm	?	?	?
Xiamen Rizheng	Annular twist pen kits RZ-BP142	9.5mm or 3/8	9.3mm	74.5mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Artisan clicker Pen kits RZ-BPCL76	9mm	8.8mm	100.7 mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	AstonMartin fountain pen kits new RZ-FP355N	11.7mm	11.5mm	46mm	?	?	?	10mm or 25/64	9.8mm	59mm	?	?	?
Xiamen Rizheng	AstonMartin rollerball pen kits new RZ-RP355N	11.7mm	11.5mm	46mm	?	?	?	10mm or 25/64	9.8mm	59mm	?	?	?
Xiamen Rizheng	Atomizer pen kits RZ-BP463	10mm or 25/64	9.8mm	79mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Badminton lovers twist pen kits RZ-BP309	8.7mm or 11/32	8.5mm	85mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Baseball bat pen kits RZ-BP70	5.85mm	?	?	?	?	?	5.85mm	?	?	?	?	?
Xiamen Rizheng	Billiard cue pen kits RZ-RP503	10mm or 25/64	9.8mm	83mm	?	?	?	8mm	7.8mm	76mm	?	?	?
Xiamen Rizheng	Bird Watcher pen kits RZ-BP480	Metal Cap	x	x	x	x	x	10mm or 25/64	9.8mm	46.3mm	?	?	?
Xiamen Rizheng	Blockhouse click pen kits RZ-BPCL317	10mm or 25/64	9.8mm	63.2mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Bottle opener kits RZ-PK90	11/32	x	32mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Bottle opener kits square RZ-PK495	11/32	x	32mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Bracelet Assistant kits RZ-PK36	7mm	6.8mm	51.7mm	?	?	?	7mm	6.8mm	51.7mm	?	?	?
Xiamen Rizheng	Bullet Click Pen Kit RZ-BPCL59	8mm	7.8mm	51mm	?	?	?	Bullet	7.8mm	43mm	?	?	?
Xiamen Rizheng	Bullet twist pen kits RZ-BP60	10mm or 25/64	9.8mm	53.1mm	?	?	?	Bullet	x	x	x	x	x
Xiamen Rizheng	Bullet mechanical pencil kits RZ-PCL139	9.5mm or 3/8	9.3mm	70.1mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Bullet rifle bolt pen kits RZ-BP294	9.5mm or 3/8	9.3mm	37.1mm	?	?	?	x	x	x	x	x	x



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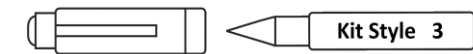
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Some Kits May Require Modifying Replacement Tube Lengths.



Kit Style 0 are Misc. Kit Styles

Typical Mandrel Dia. Sizes
A - 6.27 mm Dia. B - 7.39 mm Dia.
Size Determined by Supplier



Kit Supplier	Kit Description	Category & Size	Kit Style	Replacement Tubes	Bushing Set
Xiamen Rizheng	Carefree gel pen kits RZ-BP412	?	2	RZ-BT412	RZ-BP412#-BU
Xiamen Rizheng	Celtic knot FP pen kits RZ-FP448	?	3	RZ-BT234	RZ-RP234#-BU
Xiamen Rizheng	Celtic knot RB pen kits RZ-RP448	?	3	RZ-BT234	RZ-RP234#-BU
Xiamen Rizheng	CEO twist pen kits RZ-BP17	?	1	RZ-BT17	RZ-BP17#-BU
Xiamen Rizheng	Chalk holder - adjustable RZ-PK491	?	0	RZ-BT491	RZ-PK491#-BU
Xiamen Rizheng	Churchill FP pen kits RZ-FP71	?	3	RZ-BT71-1 & RZ-BT71-2	RZ-RP71#-BU
Xiamen Rizheng	Churchill RB pen kits RZ-RP71	?	3	RZ-BT71-1 & RZ-BT71-2	RZ-RP71#-BU
Xiamen Rizheng	Cigar humidor kits RZ-PK204	?	0	RZ-BT204-1 & RZ-BT204-2	RZ-PK204#-BU
Xiamen Rizheng	Cigar click pen kits RZ-BPCL6	?	2	RZ-BT6-CL	RZ-BP6#-BU
Xiamen Rizheng	Cigar pen kits RZ-BP6	?	2	RZ-BT6-1 & RZ-BT6-2	RZ-BP6#-BU
Xiamen Rizheng	Cigar pen kits - ultra RZ-BP57	?	2	RZ-BT6-1 & RZ-BT6-2	RZ-BP6#-BU
Xiamen Rizheng	Cigar pencil kits RZ-PCL6	?	2	RZ-BT6-1 & RZ-BT6-2	RZ-BP6#-BU
Xiamen Rizheng	Classic elite fountain pen kits RZ-FP30	?	3	RZ-BT30-1 & RZ-BT30-2	RZ-FP18#-BU
Xiamen Rizheng	Classic elite rollerball pen kits RZ-RP31	?	3	RZ-BT30-1 & RZ-BT30-2	RZ-FP18#-BU
Xiamen Rizheng	Classic end capped FP pen kits RZ-FP184	?	3	?	RZ-FP184#-BU
Xiamen Rizheng	Classic fountain pen kits RZ-FP18	?	3	RZ-BT18	RZ-FP18#-BU
Xiamen Rizheng	Classic Roller Ball Pen kits RZ-RP20	?	3	RZ-BT18	RZ-FP18#-BU
Xiamen Rizheng	Classic twist pen kits RZ-BP19	?	2	RZ-BT19	RZ-BP19#-BU
Xiamen Rizheng	Classic twist pencil kits RZ-PCL21	?	2	RZ-BT21	RZ-PCL21#-BU
Xiamen Rizheng	Clip rifle bolt pen kits RZ-BP350	?	2	RZ-BT350	RZ-BP350#-BU
Xiamen Rizheng	Coffee scoop kits RZ-PK180	?	0	x	3/8-16 Threaded Mandral
Xiamen Rizheng	Comfort click pen kits RZ-BPCL4	?	2	RZ-BT3	RZ-BP4#-BU
Xiamen Rizheng	Comfort pencil kits RZ-PCL4	?	2	RZ-BT3	RZ-BP4#-BU
Xiamen Rizheng	Conservative FP pen kits RZ-FP89	?	3	RZ-BT89-1 & RZ-BT89-2	RZ-RP89#-BU



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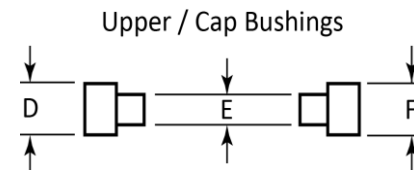
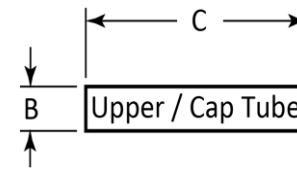
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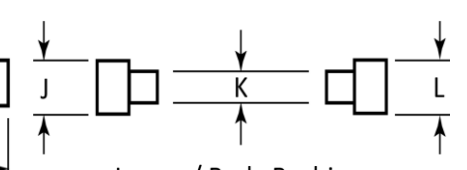
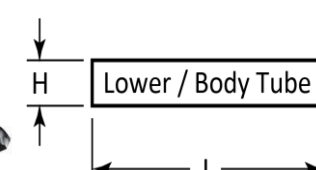
A Drill



Tolerances for All Metric Measurements:
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G Drill



**Use this Chart with Discretion. Manufacturers Change dimensions
of parts on Occasion. It Should Only be Used as a Reference Guide.**

Kit Supplier	Kit Description	Upper / Cap Tube			Upper / Cap Bushings			Lower / Body Tube			Lower / Body Bushings		
		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.
Xiamen Rizheng	Carefree gel pen kits RZ-BP412	Metal Cap	x	x	x	x	x	9.5mm or 3/8	9.3mm	62mm	?	?	?
Xiamen Rizheng	Celtic knot FP pen kits RZ-FP448	12.6mm	12.4mm	47.6mm	?	?	?	10.6mm	10.4mm	51.6mm	?	?	?
Xiamen Rizheng	Celtic knot RB pen kits RZ-RP448	12.6mm	12.4mm	47.6mm	?	?	?	10.6mm	10.4mm	51.6mm	?	?	?
Xiamen Rizheng	CEO twist pen kits RZ-BP17	9.4mm or 0.368	9.1mm	76.2mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Chalk holder - adjustable RZ-PK491	15.7mm	15.5mm	69.5mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Churchill FP pen kits RZ-FP71	13.2mm	13mm	43mm	?	?	?	11.7mm	11.5mm	50mm	?	?	?
Xiamen Rizheng	Churchill RB pen kits RZ-RP71	13.2mm	13mm	43mm	?	?	?	11.7mm	11.5mm	50mm	?	?	?
Xiamen Rizheng	Cigar humidor kits RZ-PK204	21.8mm or 55/64	21.5mm	60mm	?	?	?	21.8mm or 55/64	21.5mm	105.1 mm	?	?	?
Xiamen Rizheng	Cigar click pen kits RZ-BPCL6	10mm or 25/64	9.8mm	47.3mm	?	?	?	10mm or 25/64	9.8mm	47.3mm	?	?	?
Xiamen Rizheng	Cigar pen kits RZ-BP6	10mm or 25/64	9.8mm	48.5mm	?	?	?	10mm or 25/64	9.8mm	52.5mm	?	?	?
Xiamen Rizheng	Cigar pen kits - ultra RZ-BP57	10mm or 25/64	9.8mm	48.5mm	?	?	?	10mm or 25/64	9.8mm	52.5mm	?	?	?
Xiamen Rizheng	Cigar pencil kits RZ-PCL6	10mm or 25/64	9.8mm	48.5mm	?	?	?	10mm or 25/64	9.8mm	52.5mm	?	?	?
Xiamen Rizheng	Classic elite fountain pen kits RZ-FP30	10mm or 25/64	9.8mm	45mm	?	?	?	10mm or 25/64	9.8mm	58mm	?	?	?
Xiamen Rizheng	Classic elite rollerball pen kits RZ-RP31	10mm or 25/64	9.8mm	45mm	?	?	?	10mm or 25/64	9.8mm	58mm	?	?	?
Xiamen Rizheng	Classic end capped FP pen kits RZ-FP184	7mm & 10mm or 25/64	9.8mm	?	?	?	?	7mm & 10mm or 25/64	9.8mm	?	?	?	?
Xiamen Rizheng	Classic fountain pen kits RZ-FP18	10mm or 25/64	9.8mm	51mm	?	?	?	10mm or 25/64	9.8mm	51mm	?	?	?
Xiamen Rizheng	Classic Roller Ball Pen kits RZ-RP20	10mm or 25/64	9.8mm	51mm	?	?	?	10mm or 25/64	9.8mm	51mm	?	?	?
Xiamen Rizheng	Classic twist pen kits RZ-BP19	8mm	7.8mm	51.5mm	?	?	?	8mm	7.8mm	51.5mm	?	?	?
Xiamen Rizheng	Classic twist pencil kits RZ-PCL21	8mm	7.8mm	52mm	?	?	?	8mm	7.8mm	52mm	?	?	?
Xiamen Rizheng	Clip rifle bolt pen kits RZ-BP350	Metal Cap	x	x	x	x	x	9.5mm or 3/8	9.3mm	49.5mm	?	?	?
Xiamen Rizheng	Coffee scoop kits RZ-PK180	11/32	x	32mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Comfort click pen kits RZ-BPCL4	7mm	6.8mm	51.7mm	?	x	?	7mm	6.8mm	51.7mm	?	x	?
Xiamen Rizheng	Comfort pencil kits RZ-PCL4	7mm	6.8mm	51.7mm	?	x	?	7mm	6.8mm	51.7mm	?	x	?
Xiamen Rizheng	Conservative FP pen kits RZ-FP89	10mm or 25/64	9.8mm	53.6mm	?	?	?	10mm or 25/64	9.8mm	82mm	?	?	?



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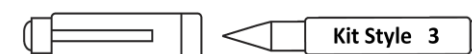
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Xiamen Rizheng	Conservative RB pen kits RZ-RP89	?	3	RZ-BT89-1 & RZ-BT89-2	RZ-RP89#-BU
Xiamen Rizheng	Contoured rubber click pen kits RZ-BPCL148	?	2	RZ-BT148	RZ-BPCL148#-BU
Xiamen Rizheng	Credit card pen kits RZ-BP32	?	2	RZ-BT32	RZ-BP3#-BU
Xiamen Rizheng	Crochet hook kit sets RZ-PK285	?	0	RZ-BT285	RZ-PK285#-BU
Xiamen Rizheng	Crochet hook kit sets RZ-PK548	?	0	RZ-BT285	RZ-PK285#-BU
Xiamen Rizheng	Crystal twist pen kits bright RZ-BPTS136	?	2	?	RZ-BPTS136#-BU
Xiamen Rizheng	Damping pen kits RZ-BP133	?	3	RZ-BT133	RZ-BP133#-BU
Xiamen Rizheng	Dawnguard click pen kits RZ-BPCL101	?	1	RZ-BT101-1 & RZ-BT101-2	RZ-BPCL101#-BU
Xiamen Rizheng	Deco pen kits RZ-BP66	?	2	RZ-BT3	RZ-BP3#-BU
Xiamen Rizheng	Deco pencil kits RZ-PCL66	?	2	RZ-BT3	RZ-BP3#-BU
Xiamen Rizheng	Deep sea fishing pen kits RZ-BP507	?	2	RZ-BT509	RZ-BP509#-BU
Xiamen Rizheng	Designer twist pencil kits RZ-PCL15	?	2	RZ-BT84-10 (254mm)	RZ-PCL15#-BU
Xiamen Rizheng	Designer pen kits premium RZ-BP16	?	2	RZ-BT84-10 (254mm)	RZ-PCL15#-BU & RZ-BP16#-BU
Xiamen Rizheng	Desk pen kits RZ-BP512	?	1	RZ-BT3	RZ-BP512#-BU
Xiamen Rizheng	Diamond painting pen kits RZ-PK531	?	0	RZ-BT531	RZ-PK531#-BU
Xiamen Rizheng	Doggie ball pen kits RZ-BP349	?	1	RZ-BT349	RZ-BP349#-BU
Xiamen Rizheng	Dragster pen kits RZ-BP470	?	1	RZ-BT84	RZ-BP84#-BU
Xiamen Rizheng	Eagle click pen kits RZ-BPCL371	?	2	RZ-BT371	RZ-BPCL371#-BU
Xiamen Rizheng	Editor pen kits RZ-BP181	?	3	RZ-BT181	RZ-BP181#-BU
Xiamen Rizheng	Elegance pen kits RZ-BP437	?	1	RZ-BT437	RZ-BPCL338#-BU
Xiamen Rizheng	Elegant American ball pen kits RZ-BP72	?	2	RZ-BT72-1 & RZ-BT72-2	RZ-BP72#-BU
Xiamen Rizheng	Elegant beauty Sierra pen kits RZ-BP56	?	1	RZ-BT40	RZ-BP40#-BU
Xiamen Rizheng	Euro pen kits RZ-BP9	?	2	RZ-BT9-1 & RZ-BT9-2	RZ-BP9#-BU
Xiamen Rizheng	European filigree pen kits RZ-BP75	?	2	RZ-BT9-1 & RZ-BT9-2	RZ-BP75#-BU
Xiamen Rizheng	Exquisite aromatherapy pen kits RZ-BP436	?	2	RZ-BT436	RZ-BP436#-BU
Xiamen Rizheng	Exquisite aromatherapy necklace RZ-PK356	?	1	RZ-BT356	RZ-PK356##-BU



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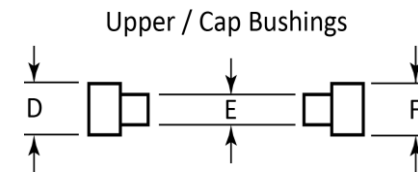
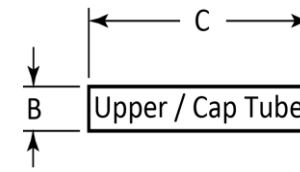
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Note: All data was compiled from suppliers
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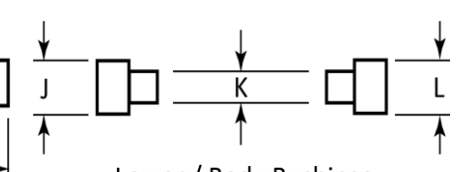
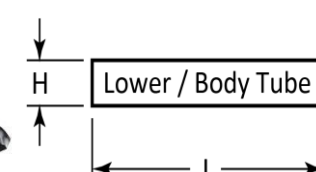
A Drill



Tolerances for All Metric Measurements:
1 Place Dims +/- .3 & 2 Place Dims +/- .13



G Drill



**Use this Chart with Discretion. Manufacturers Change dimensions
of parts on Occasion. It Should Only be Used as a Reference Guide.**

Kit Supplier	Kit Description	Upper / Cap Tube			Upper / Cap Bushings			Lower / Body Tube			Lower / Body Bushings		
		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.
Xiamen Rizheng	Conservative RB pen kits RZ-RP89	10mm or 25/64	9.8mm	53.6mm	?	?	?	10mm or 25/64	9.8mm	82mm	?	?	?
Xiamen Rizheng	Contoured rubber click pen kits RZ-BPCL148	8mm	7.8mm	69mm	?	?	?	8mm	7.8mm	43mm	?	?	?
Xiamen Rizheng	Credit card pen kits RZ-BP32	7mm	6.8mm	38mm	?	x	?	7mm	6.8mm	38mm	?	x	?
Xiamen Rizheng	Crochet hook kit sets RZ-PK285	9.5mm or 3/8	9.3mm	75mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Crochet hook kit sets RZ-PK548	9.5mm or 3/8	9.3mm	75mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Crystal twist pen kits bright RZ-BPTS136	Crystal Cap	x	x	x	x	x	8mm	7.8mm	?	?	?	?
Xiamen Rizheng	Damping pen kits RZ-BP133	10.7mm or 27/64	10.5mm	37mm	?	?	?	Spring	x	x	x	x	x
Xiamen Rizheng	Dawnguard click pen kits RZ-BPCL101	x	7.2mm	24.3mm	x	x	x	8mm	7.8mm	67.5mm	?	?	?
Xiamen Rizheng	Deco pen kits RZ-BP66	7mm	6.8mm	51.7mm	?	x	?	7mm	6.8mm	51.7mm	?	x	?
Xiamen Rizheng	Deco pencil kits RZ-PCL66	7mm	6.8mm	51.7mm	?	x	?	7mm	6.8mm	51.7mm	?	x	?
Xiamen Rizheng	Deep sea fishing pen kits RZ-BP507	10mm or 25/64	9.8mm	46.9mm	?	?	?	10mm or 25/64	9.8mm	49.6mm	?	?	?
Xiamen Rizheng	Designer twist pencil kits RZ-PCL15	8mm	7.8mm	51.6mm	?	?	?	8mm	7.8mm	60.3mm	?	?	?
Xiamen Rizheng	Designer pen kits premium RZ-BP16	8mm	7.8mm	51.6mm	?	?	?	8mm	7.8mm	60.3mm	?	?	?
Xiamen Rizheng	Desk pen kits RZ-BP512	7mm	6.8mm	51.7mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Diamond painting pen kits RZ-PK531	6.2mm	6mm	84mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Doggie ball pen kits RZ-BP349	9.5mm or 3/8	9.3mm	71.3mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Dragster pen kits RZ-BP470	9.5mm or 3/8	9.3mm	49.5mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Eagle click pen kits RZ-BPCL371	Metal Cap	x	x	x	x	x	10.2mm	10mm	61.2mm	?	?	?
Xiamen Rizheng	Editor pen kits RZ-BP181	Metal Cap	x	x	x	x	x	8mm	7.8mm	65.5mm	?	?	?
Xiamen Rizheng	Elegance pen kits RZ-BP437	7mm	6.8mm	91.2mm	?	x	?	x	x	x	x	x	x
Xiamen Rizheng	Elegant American ball pen kits RZ-BP72	8mm	7.8mm	49mm	?	?	?	8mm	7.8mm	53.6mm	?	?	?
Xiamen Rizheng	Elegant beauty Sierra pen kits RZ-BP56	10.7mm or 27/64	10.5mm	56mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Euro pen kits RZ-BP9	7mm	6.8mm	53.1mm	?	x	?	7mm	6.8mm	60mm	?	x	?
Xiamen Rizheng	European filigree pen kits RZ-BP75	7mm	6.8mm	53.1mm	?	x	?	7mm	6.8mm	60mm	?	x	?
Xiamen Rizheng	Exquisite aromatherapy pen kits RZ-BP436	8mm	7.8mm	51mm	?	?	?	7mm	6.8mm	48mm	?	x	?
Xiamen Rizheng	Exquisite aromatherapy necklace RZ-PK356	8mm	7.8mm	27mm	?	?	?	x	x	x	x	x	x



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

Xiamen Rizheng Kit Bushing and Tube Refs.

Metric Units **Revised 10-5-2022**

Please report any additions, corrections, requests or suggestions to:

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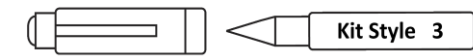
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Note: All data was compiled from suppliers published kit, tube and bushing information.

Dimensions are based on Metric Units.

Averaged Bushing Diameter Size was used to determine Category Size:

Slim = (7.65 - 10.16) mm Dia.
Medium = (10.19 - 12.70) mm Dia.
Large = (12.73 - 15.24) mm Dia.
Extra Large = (15.27 - 17.78) mm Dia.



Some Kits May Require Modifying Replacement Tube Lengths.



Kit Style 0 are Misc. Kit Styles

Typical Mandrel Dia. Sizes
A - 6.27 mm Dia. B - 7.39 mm Dia.
Size Determined by Supplier



Kit Supplier	Kit Description	Category & Size	Kit Style	Replacement Tubes	Bushing Set
Xiamen Rizheng	Fall song twist pen kits RZ-BP219	?	2	RZ-BT219	RZ-BP219#-BU
Xiamen Rizheng	Fan light pull RZ-RK103	?	0	RZ-BT103	RZ-PK103#-BU
Xiamen Rizheng	Fancy lady pen kits RZ-BP394	?	2	RZ-BT3	RZ-BP3#-BU
Xiamen Rizheng	Fancy pen kits RZ-BP3	?	2	RZ-BT3	RZ-BP3#-BU
Xiamen Rizheng	Fancy pencil kits RZ-PCL3	?	2	RZ-BT3	RZ-BP3#-BU
Xiamen Rizheng	Fancy slender pen kits RZ-BP256	?	2	RZ-BT3	RZ-BP3#-BU
Xiamen Rizheng	Fantasy twist pen kits RZ-BP409	?	2	RZ-BT409	RZ-BP409#-BU
Xiamen Rizheng	Fidget spinner ball pen kits RZ-BP523	?	3	?	RZ-BP523#-BU
Xiamen Rizheng	Fidget spinner fountain pen kits RZ-FP523	?	3	?	RZ-BP523#-BU
Xiamen Rizheng	Filigree footprint pen kits RZ-RP315	?	3	RZ-BT315	RZ-RP315#-BU
Xiamen Rizheng	Fishing pen kits RZ-BP246	?	1	RZ-BT492	RZ-BP246#-BU
Xiamen Rizheng	Fiona slimline pen kits RZ-BP344	?	2	RZ-BT3	RZ-BP3#-BU
Xiamen Rizheng	Firefighters click pen kits RZ-BP273	?	2	RZ-BT273	RZ-BP273#-BU
Xiamen Rizheng	Gallant pen kits RZ-BP182	?	1	RZ-BT182	RZ-BP182#-BU
Xiamen Rizheng	Gatsby Twist Pen Kits RZ-BP62	?	1	RZ-BT40	RZ-40#-BU
Xiamen Rizheng	Gatsby click Pen Kits RZ-BPCL62	?	1	RZ-BT40	RZ-40#-BU
Xiamen Rizheng	Gear click pen kits RZ-BPCL131	?	1	RZ-BT131	RZ-BPCL131#-BU
Xiamen Rizheng	Golf tee pencil kits RZ-PCL402	?	1	RZ-BT402	RZ-PCL402#-BU
Xiamen Rizheng	Golf Pen kits RZ-BP209	?	1	RZ-BT209	RZ-BP209#-BU
Xiamen Rizheng	Goodwill fountain pen kits RZ-FP452	?	3	RZ-BT452	RZ-RP452#-BU
Xiamen Rizheng	Goodwill rollerball pen kits RZ-RP452	?	3	RZ-BT452	RZ-RP452#-BU
Xiamen Rizheng	Gorgeous pen kits RZ-BP378	?	2	RZ-BT3	RZ-BP3#-BU
Xiamen Rizheng	Gospel twist pen kits RZ-BP247	?	2	RZ-BT247	RZ-BP247#-BU
Xiamen Rizheng	Graceful pluma pen kits RZ-BP438	?	1	RZ-BT438	RZ-BP438#-BU
Xiamen Rizheng	Graces click pen kits RZ-BPCL353	?	1	RZ-BT353	RZ-BPCL353#-BU
Xiamen Rizheng	Graduate twist pen kits RZ-BP310	?	2	RZ-BT310	RZ-BP310#-BU



Xiamen Rizheng Kit Bushing and Tube Refs.

Metric Units

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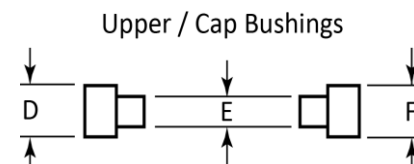
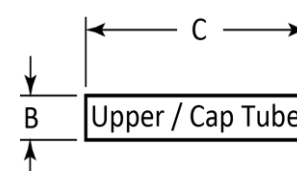
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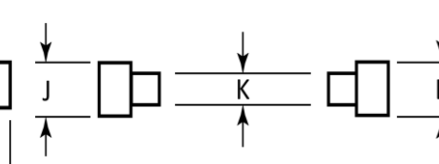
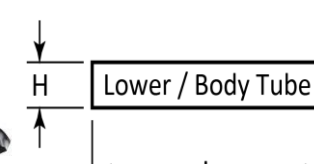
A Drill



Tolerances for All Metric Measurements:
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G Drill



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Kit Supplier	Kit Description	Upper / Cap Tube			Upper / Cap Bushings			Lower / Body Tube			Lower / Body Bushings		
		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.
Xiamen Rizheng	Fall song twist pen kits RZ-BP219	8mm	7.8mm	49mm	?	?	?	8mm	7.8mm	51.5mm	?	?	?
Xiamen Rizheng	Fan light pull RZ-RK103	7mm	6.8mm	53mm	?	x	?	x	x	x	x	x	x
Xiamen Rizheng	Fancy lady pen kits RZ-BP394	7mm	6.8mm	51.7mm	?	x	?	7mm	6.8mm	51.7mm	?	x	?
Xiamen Rizheng	Fancy pen kits RZ-BP3	7mm	6.8mm	51.7mm	?	x	?	7mm	6.8mm	51.7mm	?	x	?
Xiamen Rizheng	Fancy pencil kits RZ-PCL3	7mm	6.8mm	51.7mm	?	x	?	7mm	6.8mm	51.7mm	?	x	?
Xiamen Rizheng	Fancy slender pen kits RZ-BP256	7mm	6.8mm	51.7mm	?	x	?	7mm	6.8mm	51.7mm	?	x	?
Xiamen Rizheng	Fantasy twist pen kits RZ-BP409	10.4mm	10.2mm	45.8mm	?	?	?	10.4mm	10.2mm	53mm	?	?	?
Xiamen Rizheng	Fidget spinner ball pen kits RZ-BP523	10.4mm	10.2mm	?	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Fidget spinner fountain pen kits RZ-FP523	10.4mm	10.2mm	?	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Filigree footprint pen kits RZ-RP315	Metal Cap	x	x	x	x	x	10.3mm or 13/32	10mm	63mm	?	?	?
Xiamen Rizheng	Fishing pen kits RZ-BP246	9.5mm or 3/8	9.3mm	72.5mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Fiona slimline pen kits RZ-BP344	7mm	6.8mm	51.7mm	?	x	?	7mm	6.8mm	51.7mm	?	x	?
Xiamen Rizheng	Firefighters click pen kits RZ-BP273	Metal Cap	x	x	x	x	x	10mm or 25/64	9.8mm	46.7mm	?	?	?
Xiamen Rizheng	Gallant pen kits RZ-BP182	9.5mm or 3/8	9.3mm	58mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Gatsby Twist Pen Kits RZ-BP62	10.7mm or 27/64	10.5mm	56mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Gatsby click Pen Kits RZ-BPCL62	10.7mm or 27/64	10.5mm	56mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Gear click pen kits RZ-BPCL131	9.5mm or 3/8	9.3mm	65.8mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Golf tee pencil kits RZ-PCL402	8mm	7.8mm	77mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Golf Pen kits RZ-BP209	8.7mm or 11/32	8.5mm	78.5mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Goodwill fountain pen kits RZ-FP452	Metal Cap	x	x	x	x	x	10.5mm	10.3mm	58mm	?	?	?
Xiamen Rizheng	Goodwill rollerball pen kits RZ-RP452	Metal Cap	x	x	x	x	x	10.5mm	10.3mm	58mm	?	?	?
Xiamen Rizheng	Gorgeous pen kits RZ-BP378	7mm	6.8mm	51.7mm	?	x	?	7mm	6.8mm	51.7mm	?	x	?
Xiamen Rizheng	Gospel twist pen kits RZ-BP247	8mm	7.8mm	44.5mm	?	?	?	8mm	7.8mm	53.0mm	?	?	?
Xiamen Rizheng	Graceful pluma pen kits RZ-BP438	10.7mm or 27/64	10.5mm	25.5mm	?	?	?	10.7mm or 27/64	10.5mm	25.5mm	?	?	?
Xiamen Rizheng	Graces click pen kits RZ-BPCL353	9.7mm	9.5mm	62mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Graduate twist pen kits RZ-BP310	9.5mm or 3/8	9.3mm	45.2mm	?	?	?	7mm	6.8mm	61.6mm	?	?	?



Xiamen Rizheng Kit Bushing and Tube Refs.

Metric Units

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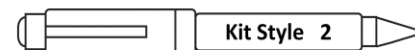
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**Some Kits May Require
Modifying Replacement
Tube Lengths.**



Typical Mandrel Dia. Sizes
A - 6.27 mm Dia. B - 7.39 mm Dia.
Size Determined by Supplier



Kit Style 0 are Misc. Kit Styles

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

Kit Supplier	Kit Description	Category & Size	Kit Style	Replacement Tubes	Bushing Set
Xiamen Rizheng	Graduate FP pen kits magnetic RZ-FP80	?	3	RZ-BT80-1 & RZ-BT80-2	RZ-RP80#-BU
Xiamen Rizheng	Graduate RB pen kits magnetic RZ-RP80	?	3	RZ-BT80-1 & RZ-BT80-2	RZ-RP80#-BU
Xiamen Rizheng	Grid cigar pen kits RZ-BP428	?	2	RZ-BT428	RZ-BP428#-BU
Xiamen Rizheng	Hammering twist pen kits new RZ-BP367N	?	2	RZ-BT367	RZ-BP367#-BU
Xiamen Rizheng	Hand grenade click pen kits RZ-BPCL291	?	1	RZ-BT291	RZ-BPCL291#-BU
Xiamen Rizheng	Hand tool pen kits RZ-BP386	?	0	RZ-BT386	RZ-BP386#-BU
Xiamen Rizheng	Handy pencil kits RZ-PCL259	?	1	RZ-BT259	RZ-BP259#-BU
Xiamen Rizheng	Handy pen kits RZ-BP259	?	1	RZ-BT259	RZ-BP259#-BU
Xiamen Rizheng	Hawaiian love fountain pen kits RZ-FP12	?	3	RZ-BT12	RZ-RP12#-BU
Xiamen Rizheng	Hawaiian love rollerball pen kits RZ-RP12	?	3	RZ-BT12	RZ-RP12#-BU
Xiamen Rizheng	Hercules bullet click pen kits RZ-BPCL301	?	1	RZ-BT301	RZ-BPCL301#-BU
Xiamen Rizheng	Hexagonal click pen kits RZ-BPCL135	?	1	RZ-BT135	RZ-PCL134#-BU
Xiamen Rizheng	Hexagonal click pencil kits RZ-PCL134	?	1	RZ-BT135	RZ-PCL134#-BU
Xiamen Rizheng	Hexagonal knob pen kits RZ-BP320	?	1	RZ-BT320	RZ-BP320#-BU
Xiamen Rizheng	Hexagonal knob pen kits new RZ-BP320N	?	1	RZ-BT320	RZ-BP320#-BU
Xiamen Rizheng	Hexagonal magnetic FP pen kits RZ-FP130	?	3	RZ-BT130-1 & RZ-BT130-2	RZ-RP130#-BU
Xiamen Rizheng	Hexagonal magnetic RB pen kits RZ-RP130	?	3	RZ-BT130-1 & RZ-BT130-2	RZ-RP130#-BU
Xiamen Rizheng	Highlighter pen kits RZ-BP112	?	2	?	RZ-BP112#-BU
Xiamen Rizheng	Honeybee pen kits RZ-BP509	?	2	RZ-BT509	RZ-BP509#-BU
Xiamen Rizheng	Honor pen kits RZ-BP319	?	2	RZ-BT319	RZ-BP319#-BU
Xiamen Rizheng	Horse ball pen kits RZ-BP478	?	2	RZ-BT478	RZ-BP478#-BU
Xiamen Rizheng	Horse pencil kits RZ-PCL478	?	2	RZ-BT478-PCL	RZ-PCL478#-BU
Xiamen Rizheng	Horse fountain pen kits RZ-FP478	?	3	RZ-BT478-FP	RZ-FP478#-BU
Xiamen Rizheng	Horse rollerball pen kits RZ-RP478	?	3	RZ-BT478-FP	RZ-FP478#-BU
Xiamen Rizheng	Hourglass twist pen kits RZ-BP303	?	2	RZ-BT303	RZ-BP303#-BU
Xiamen Rizheng	Hurricane fountain pen kits RZ-FP341	?	3	RZ-BT341	RZ-RP341#-BU



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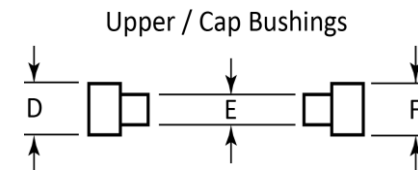
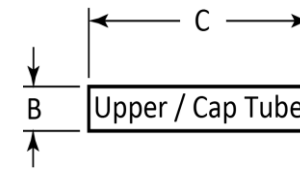
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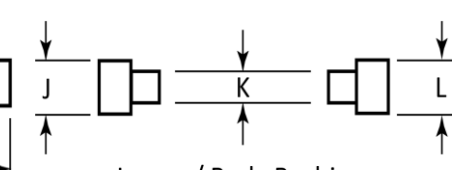
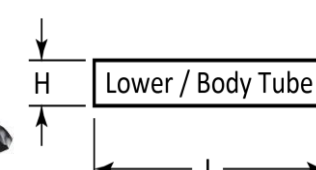
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G Drill



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Xiamen Rizheng	Graduate FP pen kits magnetic RZ-FP80	11.5mm	11.3mm	42.3mm	?	?	?	10mm or 25/64	9.8mm	76mm	?	?	?
Xiamen Rizheng	Graduate RB pen kits magnetic RZ-RP80	11.5mm	11.3mm	42.3mm	?	?	?	10mm or 25/64	9.8mm	76mm	?	?	?
Xiamen Rizheng	Grid cigar pen kits RZ-BP428	10mm or 25/64	9.8mm	48.5mm	?	?	?	Bullet	x	x	x	x	x
Xiamen Rizheng	Hammering twist pen kits new RZ-BP367N	10mm or 25/64	9.8mm	48mm	?	?	?	8.7mm or 11/32	8.5mm	63mm	?	?	?
Xiamen Rizheng	Hand grenade click pen kits RZ-BPCL291	Metal Cap	x	x	x	x	x	10mm or 25/64	9.8mm	69.6mm	?	?	?
Xiamen Rizheng	Hand tool pen kits RZ-BP386	8mm	7.8mm	78mm	?	?	?	Tools	x	x	x	x	x
Xiamen Rizheng	Handy pencil kits RZ-PCL259	8mm	7.8mm	99.4mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Handy pen kits RZ-BP259	8mm	7.8mm	99.4mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Hawaiian love fountain pen kits RZ-FP12	14.7mm or 37/64	14.5mm	49.5mm	?	?	?	8.7mm or 11/32	8.5mm	57.5mm	?	?	?
Xiamen Rizheng	Hawaiian love rollerball pen kits RZ-RP12	14.7mm or 37/64	14.5mm	49.5mm	?	?	?	8.7mm or 11/32	8.5mm	57.5mm	?	?	?
Xiamen Rizheng	Hercules bullet click pen kits RZ-BPCL301	Metal Cap	x	x	x	x	x	10mm or 25/64	9.8mm	40mm	?	?	?
Xiamen Rizheng	Hexagonal click pen kits RZ-BPCL135	9.5mm or 3/8	9.3mm	63.6mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Hexagonal click pencil kits RZ-PCL134	9.5mm or 3/8	9.3mm	63.6mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Hexagonal knob pen kits RZ-BP320	10mm or 25/64	9.8mm	52.7mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Hexagonal knob pen kits new RZ-BP320N	10mm or 25/64	9.8mm	52.7mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Hexagonal magnetic FP pen kits RZ-FP130	12.5mm	12.3mm	43.3mm	?	?	?	10.4mm	10.2mm	66.1mm	?	?	?
Xiamen Rizheng	Hexagonal magnetic RB pen kits RZ-RP130	12.5mm	12.3mm	43.3mm	?	?	?	10.4mm	10.2mm	66.1mm	?	?	?
Xiamen Rizheng	Highlighter pen kits RZ-BP112	8mm	7.8mm	?	?	?	?	8mm	7.8mm	?	?	?	?
Xiamen Rizheng	Honeybee pen kits RZ-BP509	10mm or 25/64	9.8mm	46.9mm	?	?	?	10mm or 25/64	9.8mm	49.6mm	?	?	?
Xiamen Rizheng	Honor pen kits RZ-BP319	10mm or 25/64	9.8mm	51mm	?	?	?	10mm or 25/64	9.8mm	49.7mm	?	?	?
Xiamen Rizheng	Horse ball pen kits RZ-BP478	9.7mm	9.5mm	42.3mm	?	?	?	9.5mm or 3/8	9.3mm	50.5mm	?	?	?
Xiamen Rizheng	Horse pencil kits RZ-PCL478	9.7mm	9.5mm	42.3mm	?	?	?	9.5mm or 3/8	9.3mm	50.5mm	?	?	?
Xiamen Rizheng	Horse fountain pen kits RZ-FP478	11.7mm	11.5mm	46mm	?	?	?	10mm or 25/64	9.8mm	65mm	?	?	?
Xiamen Rizheng	Horse rollerball pen kits RZ-RP478	11.7mm	11.5mm	46mm	?	?	?	10mm or 25/64	9.8mm	65mm	?	?	?
Xiamen Rizheng	Hourglass twist pen kits RZ-BP303	Metal Cap	x	x	x	x	x	8mm	7.8mm	58mm	?	?	?
Xiamen Rizheng	Hurricane fountain pen kits RZ-FP341	11.7mm	11.5mm	46mm	?	?	?	10mm or 25/64	9.8mm	65mm	?	?	?



Xiamen Rizheng Kit Bushing and Tube Refs.

Metric Units **Revised 10-5-2022**

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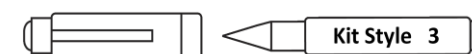
**Averaged Bushing Diameter Size
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Slim = (7.65 - 10.16) mm Dia.

Medium = (10.19 - 12.70) mm Dia.

Large = (12.73 - 15.24) mm Dia.

Extra Large = (15.27 - 17.78) mm Dia.



**Some Kits May Require
Modifying Replacement
Tube Lengths.**



Kit Style 0 are Misc. Kit Styles

Typical Mandrel Dia. Sizes
A - 6.27 mm Dia. B - 7.39 mm Dia.
Size Determined by Supplier



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

Kit Supplier	Kit Description	Category & Size	Kit Style	Replacement Tubes	Bushing Set
Xiamen Rizheng	Hurricane rollerball pen kits RZ-RP341	?	3	RZ-BT341	RZ-RP341#-BU
Xiamen Rizheng	Hurricane ball pen kits RZ-BP341	?	3	RZ-BT341	RZ-RP341#-BU
Xiamen Rizheng	Ice cream scoop RZ-PK482	?	0	x	x
Xiamen Rizheng	Ice cream scoop RZ-PK483	?	0	x	x
Xiamen Rizheng	Ice cream scoop RZ-PK484	?	0	x	x
Xiamen Rizheng	Ice cream scoop RZ-PK485	?	0	x	x
Xiamen Rizheng	Instyle rollerball pen kits RZ-RP199	?	3	RZ-BT199	RZ-RP199#-BU
Xiamen Rizheng	Ingenuity fountain pen kits RZ-RP333	?	3	RZ-BT333	RZ-FP333#-BU
Xiamen Rizheng	Ivy twist ball pen kits RZ-BP218	?	2	RZ-BT218	RZ-BP218#-BU
Xiamen Rizheng	Jazz bolt click pen kits RZ-BPCL337	?	1	RZ-BT337	RZ-BPCL337#-BU
Xiamen Rizheng	Jingle bell kits RZ-PK169	?	0	RZ-BT169	RZ-PK169#-BU
Xiamen Rizheng	Jr. Gentleman I end capped pen kits RZ-FP380	?	3	RZ-BT380	RZ-RP380#-BU RZ-MT-CE115 RZ-MT-CE105
Xiamen Rizheng	Jr. Gentleman I end capped pen kits RZ-RP380	?	3	RZ-BT380	RZ-RP380#-BU RZ-MT-CE115 RZ-MT-CE105
Xiamen Rizheng	Jr. Gentleman I upgraded FP pen kits RZ-FP51	?	3	RZ-BT51-1 & RZ-BT51-2	RZ-RP51#-BU
Xiamen Rizheng	Jr. Gentleman I upgraded RB pen kits RZ-RP51	?	3	RZ-BT51-1 & RZ-BT51-2	RZ-RP51#-BU
Xiamen Rizheng	Jr. Gentleman II fountain pen kits RZ-FP210	?	3	RZ-BT210-1 & RZ-BT210-2	RZ-RP210#-BU
Xiamen Rizheng	Jr. Gentleman II rollerball pen kits RZ-RP210	?	3	RZ-BT210-1 & RZ-BT210-2	RZ-RP210#-BU
Xiamen Rizheng	Jr. Gentleman large end capped FP RZ-FP276	?	3	RZ-BT50-1 & RZ-BT50-2	RZ-FP276#-BU
Xiamen Rizheng	Jr. Gentleman large pen kits RZ-FP50	?	3	RZ-BT50-1 & RZ-BT50-2	RZ-RP50#-BU
Xiamen Rizheng	Kaleidoscope twist pen kits RZ-BP261	?	2	RZ-BT261	RZ-BP261#-BU
Xiamen Rizheng	Keychain kits RZ-KR23	?	0	RZ-BT23	RZ-KR23#-BU
Xiamen Rizheng	Keychain bottle opener kits RZ-KR411	?	0	RZ-BT411	RZ-KR411#-BU
Xiamen Rizheng	Keychain bullet kits RZ-KR160	?	0	RZ-BT160	RZ-KR160#-BU



Xiamen Rizheng Kit Bushing and Tube Refs.

Metric Units

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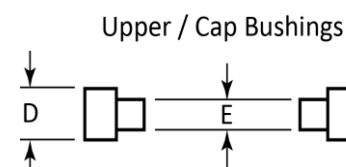
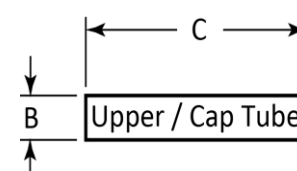
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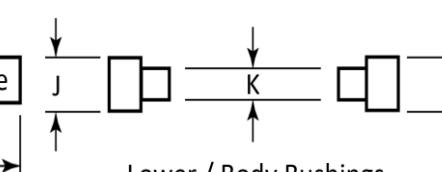
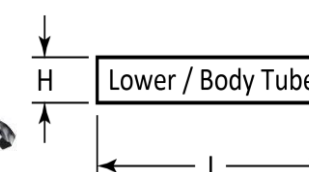
Tolerances for All Metric Measurements:
1 Place Dims +/- .3 & 2 Place Dims +/- .13

Use this Chart with Discretion. Manufacturers Change dimensions of parts on Occasion. It Should Only be Used as a Reference Guide.

A Drill



G Drill



Kit Supplier	Kit Description	Upper / Cap Tube			Upper / Cap Bushings			Lower / Body Tube			Lower / Body Bushings		
		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.
Xiamen Rizheng	Hurricane rollerball pen kits RZ-RP341	11.7mm	11.5mm	46mm	?	?	?	10mm or 25/64	9.8mm	65mm	?	?	?
Xiamen Rizheng	Hurricane ball pen kits RZ-BP341	11.7mm	11.5mm	46mm	?	?	?	10mm or 25/64	9.8mm	65mm	?	?	?
Xiamen Rizheng	Ice cream scoop RZ-PK482	8mm	x	35mm	?	?	?	Scoop	x	x	x	x	x
Xiamen Rizheng	Ice cream scoop RZ-PK483	8mm	x	35mm	?	?	?	Scoop	x	x	x	x	x
Xiamen Rizheng	Ice cream scoop RZ-PK484	8mm	x	35mm	?	?	?	Scoop	x	x	x	x	x
Xiamen Rizheng	Ice cream scoop RZ-PK485	8mm	x	35mm	?	?	?	Scoop	x	x	x	x	x
Xiamen Rizheng	Instyle rollerball pen kits RZ-RP199	Metal Cap	x	x	x	x	x	10.3mm or 13/32	10mm	58mm	?	?	?
Xiamen Rizheng	Ingenuity fountain pen kits RZ-RP333	Metal Cap	x	x	x	x	x	7mm	6.8mm	?	?	?	?
Xiamen Rizheng	Ivy twist ball pen kits RZ-BP218	8mm	7.8mm	25mm	?	?	?	7mm	6.8mm	57mm	?	?	?
Xiamen Rizheng	Jazz bolt click pen kits RZ-BPCL337	9.1mm	8.9mm	92.8mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Jingle bell kits RZ-PK169	9mm	8.8mm	89mm	?	?	?	Bell	x	x	x	x	x
Xiamen Rizheng	Jr. Gentleman I end capped pen kits RZ-FP380	12.3mm	12.1mm	46.2mm	?	?	?	10.6mm	10.4mm	53.4mm	?	?	?
Xiamen Rizheng	Jr. Gentleman I end capped pen kits RZ-RP380	12.3mm	12.1mm	46.2mm	?	?	?	10.6mm	10.4mm	53.4mm	?	?	?
Xiamen Rizheng	Jr. Gentleman I upgraded FP pen kits RZ-FP51	12.3mm	12.1mm	46.2mm	?	?	?	10.6mm	10.4mm	53.4mm	?	?	?
Xiamen Rizheng	Jr. Gentleman I upgraded RB pen kits RZ-RP51	12.3mm	12.1mm	46.2mm	?	?	?	10.6mm	10.4mm	53.4mm	?	?	?
Xiamen Rizheng	Jr. Gentleman II fountain pen kits RZ-FP210	12.3mm	12.1mm	50mm	?	?	?	10.6mm	10.4mm	53.4mm	?	?	?
Xiamen Rizheng	Jr. Gentleman II rollerball pen kits RZ-RP210	12.3mm	12.1mm	50mm	?	?	?	10.6mm	10.4mm	53.4mm	?	?	?
Xiamen Rizheng	Jr. Gentleman large end capped FP RZ-FP276	14.7mm or 37/64	14.5mm	52mm	?	?	?	11.7mm	11.5mm	60mm	?	?	?
Xiamen Rizheng	Jr. Gentleman large pen kits RZ-FP50	14.7mm or 37/64	14.5mm	52mm	?	?	?	11.7mm	11.5mm	60mm	?	?	?
Xiamen Rizheng	Kaleidoscope twist pen kits RZ-BP261	Metal Cap	x	x	x	x	x	8mm	7.8mm	59mm	?	?	?
Xiamen Rizheng	Keychain kits RZ-KR23	7mm	6.8mm	53.1mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Keychain bottle opener kits RZ-KR411	7mm	6.8mm	33.7mm	?	x	?	x	x	x	x	x	x
Xiamen Rizheng	Keychain bullet kits RZ-KR160	9.5mm or 3/8	9.3mm	44.6mm	?	?	?	Bullet	x	x	x	x	x



Xiamen Rizheng Kit Bushing and Tube Refs.

Metric Units

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**Averaged Bushing Diameter Size
was used to determine Category Size:**

Slim = (7.65 - 10.16) mm Dia.

Medium = (10.19 - 12.70) mm Dia.

Large = (12.73 - 15.24) mm Dia.

Extra Large = (15.27 - 17.78) mm Dia.



**Some Kits May Require
Modifying Replacement
Tube Lengths.**



Kit Style 0 are Misc. Kit Styles

Typical Mandrel Dia. Sizes
A - 6.27 mm Dia. B - 7.39 mm Dia.
Size Determined by Supplier



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

Kit Supplier	Kit Description	Category & Size	Kit Style	Replacement Tubes	Bushing Set
Xiamen Rizheng	Keychain compact knife kits RZ-KR153	?	0	RZ-BT153	RZ-KR153#-BU
Xiamen Rizheng	Keychain cigar cutter kits RZ-KR221	?	0	RZ-BT221	RZ-KR221#-BU
Xiamen Rizheng	Keychain detatchable kits RZ-KR24	?	0	RZ-BT24	RZ-KR42#-BU
Xiamen Rizheng	Keychain detatchable kits new RZ-KR384	?	0	RZ-BT384	RZ-KR384#
Xiamen Rizheng	Keychain Fire starter kits RZ-PK450	?	0	RZ-BT450	RZ-PK450#-BU
Xiamen Rizheng	Keychain Lighter chain kits RZ-PK457	?	0	RZ-BT457	RZ-PK457#-BU
Xiamen Rizheng	Keychain mini bullet kits RZ-KR362	?	0	RZ-BT362	RZ-KR362#-BU
Xiamen Rizheng	Keychain mini screwdriver kits RZ-KR96	?	0	RZ-BT96	RZ-KR96#-BU
Xiamen Rizheng	Keychain mini pen kits RZ-KR41	?	0	?	?
Xiamen Rizheng	Keychain mini penlight kits RZ-KR82	?	0	?	RZ-KR82#-BU
Xiamen Rizheng	Keychain portable kits RZ-KR158	?	3	RZ-BT158	RZ-KR158#-BU
Xiamen Rizheng	Keychain secret compartment RZ-KR1	?	0	RZ-BT1	RZ-KR1#-BU
Xiamen Rizheng	Keychain secret compartment smooth RZ-KR427	?	0	RZ-BT1	RZ-KR1#-BU
Xiamen Rizheng	Keychain secret compartment pill box RZ-KR49	?	0	RZ-BT49	RZ-KR49#-BU
Xiamen Rizheng	Keychain secret compartment whistle RZ-KR43	?	1	?	RZ-BPCL99#
Xiamen Rizheng	Keychain stylus pen kits RZ-KR222	?	3	RZ-BT222	RZ-BPTS222#-BU
Xiamen Rizheng	Keychain whistle kits RZ-KR42	?	0	RZ-BT24	RZ-KR42#-BU
Xiamen Rizheng	Lancer pen kits RZ-BP200	?	1	RZ-BT200	RZ-BP200#-BU
Xiamen Rizheng	Larger Sierra pen kits RZ-BP282	?	1	RZ-BT40	RZ-BP282#-BU
Xiamen Rizheng	Laser pointer pen kits RZ-LP194	?	1	RZ-BT194	RZ-PK194#-BU
Xiamen Rizheng	Lester rollerball pen kits RZ-RP171	?	3	RZ-BT171	RZ-RP171#-BU
Xiamen Rizheng	Letter opener pen kits RZ-BP392	?	0	RZ-BT392	RZ-BP392#-BU
Xiamen Rizheng	Letter opener kits RZ-LO10	?	0	RZ-BTLO10	RZ-LO10#-BU
Xiamen Rizheng	Letter opener kits RZ-LO11	?	0	RZ-BTLO11	RZ-LO11#-BU
Xiamen Rizheng	Letter opener kits RZ-LO12	?	0	?	RZ-LO12#-BU
Xiamen Rizheng	Letter opener kits RZ-LO13	?	0	?	RZ-BP3#-BU



Xiamen Rizheng Kit Bushing and Tube Refs.

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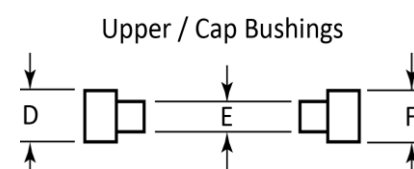
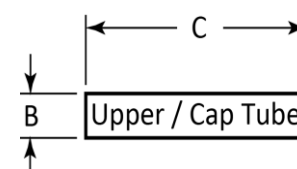
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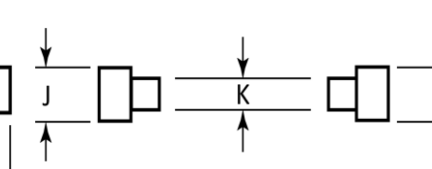
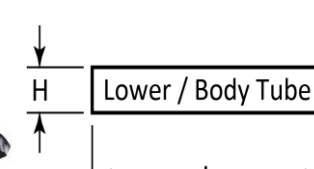
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A Drill



G Drill



Kit Supplier	Kit Description	Upper / Cap Tube			Upper / Cap Bushings			Lower / Body Tube			Lower / Body Bushings		
		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.
Xiamen Rizheng	Keychain compact knife kits RZ-KR153	12mm	11.8mm	58mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Keychain cigar cutter kits RZ-KR221	7mm	6.8mm	43.1mm	?	x	?	x	x	x	x	x	x
Xiamen Rizheng	Keychain detatchable kits RZ-KR24	7mm	6.8mm	35mm	?	x	?	x	x	x	x	x	x
Xiamen Rizheng	Keychain detatchable kits new RZ-KR384	7mm	6.8mm	35mm	?	x	?	x	x	x	x	x	x
Xiamen Rizheng	Keychain Fire starter kits RZ-PK450	5.7mm	5.5mm	36mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Keychain Lighter chain kits RZ-PK457	14.6mm	14.4mm	13mm	?	?	?	13.2mm	13mm	20mm	?	?	?
Xiamen Rizheng	Keychain mini bullet kits RZ-KR362	7mm	6.8mm	30mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Keychain mini screwdriver kits RZ-KR96	10mm or 25/64	9.8mm	51mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Keychain mini pen kits RZ-KR41	?	?	?	?	?	?	?	?	?	?	?	?
Xiamen Rizheng	Keychain mini penlight kits RZ-KR82	14.3mm or 9/16	14mm	?	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Keychain portable kits RZ-KR158	Metal Cap	x	x	x	x	x	7mm	6.8mm	51mm	?	?	?
Xiamen Rizheng	Keychain secret compartment RZ-KR1	10mm or 25/64	9.8mm	58mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Keychain secret compartment smooth RZ-KR427	10mm or 25/64	9.8mm	58mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Keychain secret compartment pill box RZ-KR49	14.3mm or 9/16	14mm	43mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Keychain secret compartment whistle RZ-KR43	10mm or 25/64	9.8mm	61.5mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Keychain stylus pen kits RZ-KR222	Metal Cap	x	x	x	x	x	7mm	6.8mm	44.3mm	?	?	?
Xiamen Rizheng	Keychain whistle kits RZ-KR42	7mm	6.8mm	35mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Lancer pen kits RZ-BP200	10.7mm or 27/64	10.5mm	56mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Larger Sierra pen kits RZ-BP282	10.7mm or 27/64	10.5mm	56mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Laser pointer pen kits RZ-LP194	12.5mm	12.2mm	83mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Lester rollerball pen kits RZ-RP171	Metal Cap	x	x	x	x	x	9.5mm or 3/8	9.3mm	84mm	?	?	?
Xiamen Rizheng	Letter opener pen kits RZ-BP392	Opener	x	x	x	x	x	8mm	7.8mm	57mm	?	?	?
Xiamen Rizheng	Letter opener kits RZ-LO10	7.5mm	7.4mm	45.1mm	?	?	?	Opener	x	x	x	x	x
Xiamen Rizheng	Letter opener kits RZ-LO11	7mm	6.8mm	51.6mm	?	x	?	Opener	x	x	x	x	x
Xiamen Rizheng	Letter opener kits RZ-LO12	?	?	?	?	?	?	Opener	x	x	x	x	x
Xiamen Rizheng	Letter opener kits RZ-LO13	7mm	6.8mm	?	?	x	?	Opener	x	x	x	x	x



Xiamen Rizheng Kit Bushing and Tube Refs.

Metric Units **Revised 10-5-2022**

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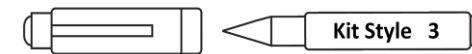
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**Some Kits May Require
Modifying Replacement
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Kit Style 0 are Misc. Kit Styles

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by this supplier.**

Kit Supplier	Kit Description	Category & Size	Kit Style	Replacement Tubes	Bushing Set
Xiamen Rizheng	Letter opener kits RZ-LO32	?	0	RZ-BTLO32	RZ-LO32#-BU
Xiamen Rizheng	Lighthouse pen kits RZ-BP492	?	1	RZ-BT492	RZ-BP241#-BU
Xiamen Rizheng	Lighter ball pen kits RZ-BP455	?	1	RZ-BT455	RZ-BP455#-BU
Xiamen Rizheng	Lighter kits creative RZ-PK537	?	0	?	?
Xiamen Rizheng	Lighter kits slim RZ-PK543	?	0	?	?
Xiamen Rizheng	Light pull kits RZ-PK33	?	0	RZ-BT33	RZ-BP3#-BU
Xiamen Rizheng	Lipgloss pen kits RZ-BP129	?	3	RZ-BT129	RZ-BP129#-BU
Xiamen Rizheng	Lip stick tubes - empty RZ-PK536	?	0	RZ-BT536	RZ-PK536#-BU
Xiamen Rizheng	Lock n Load bullet pen kits RZ-BP85	?	1	RZ-BT84	RZ-BP84#-BU
Xiamen Rizheng	Loong pen kits RZ-BP231	?	2	RZ-BT231	RZ-BP231#-BU
Xiamen Rizheng	Lucky fountain pen kits RZ-FP308	?	3	RZ-BT308	RZ-RP308#-BU
Xiamen Rizheng	Lucky rollerball pen kits RZ-RP308	?	3	RZ-BT308	RZ-RP308#-BU
Xiamen Rizheng	Luxor click pen kits RZ-BPCL547	?	1	RZ-BT547	RZ-BPCL352#-BU
Xiamen Rizheng	Magnetic fountain pen kit RZ-FP78	?	3	RZ-BT78	RZ-RP78#-BU
Xiamen Rizheng	Magnetic fountain pen kit new RZ-FP78N	?	3	RZ-BT78	RZ-RP78#-BU
Xiamen Rizheng	Magnetic rollerball pen kit RZ-RP78	?	3	RZ-BT78	RZ-RP78#-BU
Xiamen Rizheng	Magnetic rollerball pen kit new RZ-RP78N	?	3	RZ-BT78	RZ-RP78#-BU
Xiamen Rizheng	Magnetic pen kit RZ-RP78	?	3	RZ-BT78	RZ-RP78#-BU
Xiamen Rizheng	Magnetic pickup kit RZ-PK14	?	0	RZ-BT14	RZ-PK14#-BU
Xiamen Rizheng	Magnifier kits RZ-MK12	?	0	?	RZ-MK12#-BU
Xiamen Rizheng	Magnifier kits RZ-MK32	?	0	RZ-BTMK32	RZ-MK32#-BU
Xiamen Rizheng	Magnifier kits RZ-MK52	?	0	?	?
Xiamen Rizheng	Manager fountain pen kits RZ-FP233	?	3	RZ-BT233	RZ-FP233#-BU
Xiamen Rizheng	Manager rollerball pen kits RZ-RP233	?	3	RZ-BT233	RZ-FP233#-BU
Xiamen Rizheng	Manager fountain pen kits new RZ-FP501	?	3	RZ-BT233	RZ-FP233#-BU
Xiamen Rizheng	Manager rollerball pen kits new RZ-RP501	?	3	RZ-BT233	RZ-FP233#-BU



Xiamen Rizheng Kit Bushing and Tube Refs.

Metric Units

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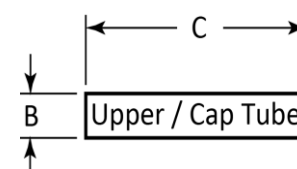
Note: All data was compiled from suppliers published kit, tube and bushing information.

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

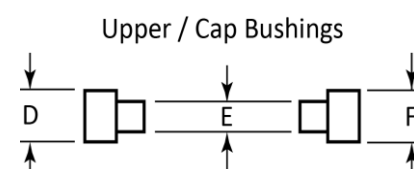
Tolerances for All Metric Measurements:
1 Place Dims +/- .3 & 2 Place Dims +/- .13

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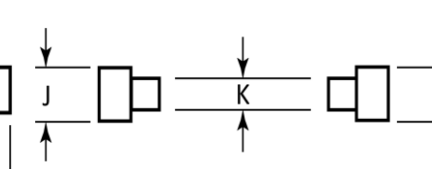
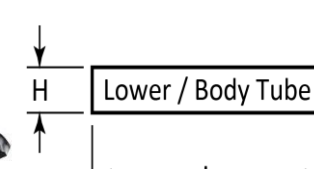
A Drill



Upper / Cap Bushings



G Drill



Kit Supplier	Kit Description	Upper / Cap Tube			Upper / Cap Bushings			Lower / Body Tube			Lower / Body Bushings		
		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.
Xiamen Rizheng	Letter opener kits RZ-LO32	7mm	6.8mm	69.1mm	?	x	?	Opener	x	x	x	x	x
Xiamen Rizheng	Lighthouse pen kits RZ-BP492	Metal Cap	x	x	x	x	x	9.5mm or 3/8	9.3mm	72.5mm	?	?	?
Xiamen Rizheng	Lighter ball pen kits RZ-BP455	11.2mm	11mm	29mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Lighter kits creative RZ-PK537	?	?	?	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Lighter kits slim RZ-PK543	?	?	?	?	?	?	?	?	?	?	?	?
Xiamen Rizheng	Light pull kits RZ-PK33	7mm	6.8mm	70mm	?	x	?	x	x	x	x	x	x
Xiamen Rizheng	Lipgloss pen kits RZ-BP129	12.5mm	12.3mm	33mm	?	?	?	12.5mm	12.3mm	33mm	?	?	?
Xiamen Rizheng	Lip stick tubes - empty RZ-PK536	14.9mm	14.7mm	43.5mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Lock n Load bullet pen kits RZ-BP85	9.5mm or 3/8	9.3mm	49.5mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Loong pen kits RZ-BP231	9.5mm or 3/8	9.3mm	42mm	?	?	?	9.5mm or 3/8	9.3mm	35.1mm	?	?	?
Xiamen Rizheng	Lucky fountain pen kits RZ-FP308	12.1mm	11.9mm	43.5mm	?	?	?	9.6mm	9.4mm	50mm	?	?	?
Xiamen Rizheng	Lucky rollerball pen kits RZ-RP308	12.1mm	11.9mm	43.5mm	?	?	?	9.6mm	9.4mm	50mm	?	?	?
Xiamen Rizheng	Luxor click pen kits RZ-BPCL547	9.5mm or 3/8	9.3mm	66mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Magnetic fountain pen kit RZ-FP78	Metal Cap	x	x	x	x	x	10.5mm	10.3mm	85mm	?	?	?
Xiamen Rizheng	Magnetic fountain pen kit new RZ-FP78N	Metal Cap	x	x	x	x	x	10.5mm	10.3mm	85mm	?	?	?
Xiamen Rizheng	Magnetic rollerball pen kit RZ-RP78	Metal Cap	x	x	x	x	x	10.5mm	10.3mm	85mm	?	?	?
Xiamen Rizheng	Magnetic rollerball pen kit new RZ-RP78N	Metal Cap	x	x	x	x	x	10.5mm	10.3mm	85mm	?	?	?
Xiamen Rizheng	Magnetic pen kit RZ-RP78	10.5mm	10.3mm	85mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Magnetic pickup kit RZ-PK14	10.7mm or 27/64	10.5mm	105mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Magnifier kits RZ-MK12	?	?	?	?	?	?	Magnifier	x	x	x	x	x
Xiamen Rizheng	Magnifier kits RZ-MK32	7mm	6.8mm	90mm	?	x	?	Magnifier	x	x	x	x	x
Xiamen Rizheng	Magnifier kits RZ-MK52	?	?	?	?	?	?	Magnifier	x	x	x	x	x
Xiamen Rizheng	Manager fountain pen kits RZ-FP233	10.7mm or 27/64	10.5mm	45mm	?	?	?	10.7mm or 27/64	10.5mm	74.1mm	?	?	?
Xiamen Rizheng	Manager rollerball pen kits RZ-RP233	10.7mm or 27/64	10.5mm	45mm	?	?	?	10.7mm or 27/64	10.5mm	74.1mm	?	?	?
Xiamen Rizheng	Manager fountain pen kits new RZ-FP501	10.7mm or 27/64	10.5mm	45mm	?	?	?	10.7mm or 27/64	10.5mm	74.1mm	?	?	?
Xiamen Rizheng	Manager rollerball pen kits new RZ-RP501	10.7mm or 27/64	10.5mm	45mm	?	?	?	10.7mm or 27/64	10.5mm	74.1mm	?	?	?



Xiamen Rizheng Kit Bushing and Tube Refs.

Metric Units **Revised 10-5-2022**

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Note: All data was compiled from suppliers
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Dimensions are based on Metric Units.

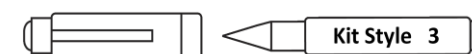
**Averaged Bushing Diameter Size
was used to determine Category Size:**

Slim = (7.65 - 10.16) mm Dia.

Medium = (10.19 - 12.70) mm Dia.

Large = (12.73 - 15.24) mm Dia.

Extra Large = (15.27 - 17.78) mm Dia.



**Some Kits May Require
Modifying Replacement
Tube Lengths.**



Typical Mandrel Dia. Sizes
A - 6.27 mm Dia. B - 7.39 mm Dia.
Size Determined by Supplier



Kit Style 0 are Misc. Kit Styles

Kit Supplier	Kit Description	Category & Size	Kit Style	Replacement Tubes	Bushing Set
Xiamen Rizheng	Marchesa pen kits RZ-BP203	?	2	RZ-BT203	RZ-BP203#-BU
Xiamen Rizheng	Marker pen kits RZ-PK174	?	3	RZ-BT174-1 & RZ-BT174-2	RZ-BP174#-BU
Xiamen Rizheng	Mars twist pen kits RZ-BP302	?	1	RZ-BT302	RZ-BP302#-BU
Xiamen Rizheng	Melody pen kits RZ-BP242	?	2	RZ-BT242	RZ-BP242#-BU
Xiamen Rizheng	Mini bullet Twist pen kits RZ-BP25	?	2	?	RZ-BP25#-BU
Xiamen Rizheng	Mini bullet keychain RZ-KR362	?	1	RZ-BT362	RZ-KR362#-BU
Xiamen Rizheng	Mini Click Pen Kits RZ-BPCL99	?	1	RZ-BT99	RZ-BPCL99#-BU
Xiamen Rizheng	Mini comfort pen kits RZ-BP213	?	2	RZ-BT213-1 & RZ-BT213-2	RZ-BP213#-BU
Xiamen Rizheng	Mini marchesa necklace pen kits RZ-BP193	?	2	RZ-BT193	RZ-BP193#-BU
Xiamen Rizheng	Mini necklace pen kits RZ-BP293	?	2	RZ-BT293	RZ-BP293#-BU
Xiamen Rizheng	Mini portable pen kits RZ-BP364	?	2	RZ-BT364	RZ-BP364#-BU
Xiamen Rizheng	New mini portable pen kits RZ-BP542	?	1	RZ-BT364	RZ-BP364#-BU
Xiamen Rizheng	Mini Purse Pen kits RZ-BP29	?	2	?	RZ-BP29#-BU
Xiamen Rizheng	Mini retractable pen kits - stylus RZ-BPTS186	?	3	RZ-BT186	RZ-BPTS186#-BU
Xiamen Rizheng	Mini rifle bolt pen kits RZ-BP83	?	1	RZ-BT83	RZ-BP84#-BU
Xiamen Rizheng	Mini sketch pencil kits RZ-PCL151	?	1	RZ-BT151	RZ-PCL151#-BU
Xiamen Rizheng	Mini stick shift pen kits RZ-BP331	?	1	RZ-BT331	RZ-BP331#-BU
Xiamen Rizheng	Mini whirly ball pen kits RZ-BP426	?	2	RZ-BT426	RZ-BP426#-BU
Xiamen Rizheng	Miracle click ball pen kits RZ-BPCL393	?	1	RZ-BT338	RZ-BPCL338#-BU
Xiamen Rizheng	Miracle click pen kits RZ-BPCL338	?	1	RZ-BT338	RZ-BPCL338#-BU
Xiamen Rizheng	Miracle click pencil kits RZ-PCL518	?	1	RZ-BT338	RZ-BPCL338#-BU)
Xiamen Rizheng	Modern pen kits RZ-BP440	?	1	RZ-BT440	RZ-BPCL338#-BU
Xiamen Rizheng	Moonscape twist pen kits RZ-BP498	?	2	RZ-BT498	RZ-BP498#-BU
Xiamen Rizheng	Motorcycle pen kits RZ-BP374	?	2	RZ-BT374	RZ-BP374#-BU
Xiamen Rizheng	Ms crystal pen kits RZ-BP189	?	1	RZ-BT189	RZ-BP189#-BU



Xiamen Rizheng Kit Bushing and Tube Refs.

Metric Units

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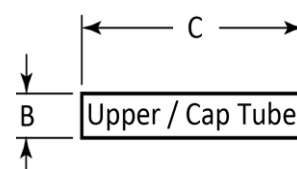
Note: All data was compiled from suppliers published kit, tube and bushing information.

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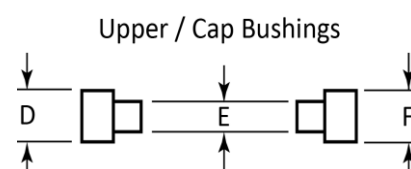
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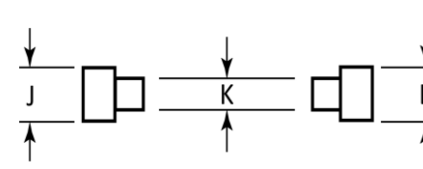
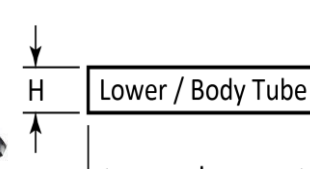
A Drill



Upper / Cap Bushings



G Drill



Kit Supplier	Kit Description	Upper / Cap Tube			Upper / Cap Bushings			Lower / Body Tube			Lower / Body Bushings		
		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.
Xiamen Rizheng	Marchesa pen kits RZ-BP203	Metal Cap	x	x	x	x	x	7mm	6.8mm	61.5mm	?	?	?
Xiamen Rizheng	Marker pen kits RZ-PK174	15mm	14.8mm	49.6mm	?	?	?	14mm	13.7mm	90mm	?	?	?
Xiamen Rizheng	Mars twist pen kits RZ-BP302	9.5mm or 3/8	9.3mm	85mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Melody pen kits RZ-BP242	8mm	7.8mm	44.8mm	?	?	?	8mm	7.8mm	34mm	?	?	?
Xiamen Rizheng	Mini bullet Twist pen kits RZ-BP25	7mm	6.8mm	?	?	?	?	7mm	6.8mm	?	?	?	?
Xiamen Rizheng	Mini bullet keychain RZ-KR362	7mm	6.8mm	30mm	?	x	?	Bullet	x	x	x	x	x
Xiamen Rizheng	Mini Click Pen Kits RZ-BPCL99	9.5mm or 3/8	9.3mm	69.9mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Mini comfort pen kits RZ-BP213	7mm	6.8mm	38.1mm	?	x	?	7mm	6.8mm	43.2mm	?	?	?
Xiamen Rizheng	Mini marchesa necklace pen kits RZ-BP193	Metal Cap	x	x	x	x	x	7mm	6.8mm	43mm	?	?	?
Xiamen Rizheng	Mini necklace pen kits RZ-BP293	7mm	6.8mm	33mm	?	?	?	7mm	6.8mm	33mm	?	?	?
Xiamen Rizheng	Mini portable pen kits RZ-BP364	8.7mm or 11/32	8.5mm	47mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	New mini portable pen kits RZ-BP542	Metal Cap	x	x	x	x	x	8.7mm or 11/32	8.5mm	47mm	?	?	?
Xiamen Rizheng	Mini Purse Pen kits RZ-BP29	9.5mm or 3/8	9.3mm	?	?	?	?	9.5mm or 3/8	9.3mm	?	?	?	?
Xiamen Rizheng	Mini retractable pen kits - stylus RZ-BPTS186	Metal Cap	x	x	x	x	x	7mm	6.8mm	60.2mm	?	?	?
Xiamen Rizheng	Mini rifle bolt pen kits RZ-BP83	9.5mm or 3/8	9.3mm	34.8mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Mini sketch pencil kits RZ-PCL151	8mm	7.8mm	82.5mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Mini stick shift pen kits RZ-BP331	9.5mm or 3/8	9.3mm	44.3mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Mini whirly ball pen kits RZ-BP426	Metal Cap	x	x	x	x	x	8.7mm or 11/32	8.5mm	30mm	?	?	?
Xiamen Rizheng	Miracle click ball pen kits RZ-BPCL393	7mm	6.8mm	107.4mm	?	x	?	x	x	x	x	x	x
Xiamen Rizheng	Miracle click pen kits RZ-BPCL338	7mm	6.8mm	107.4mm	?	x	?	x	x	x	x	x	x
Xiamen Rizheng	Miracle click pencil kits RZ-PCL518	7mm	6.8mm	107.4mm	?	x	?	x	x	x	x	x	x
Xiamen Rizheng	Modern pen kits RZ-BP440	7mm	6.8mm	75mm	?	x	?	x	x	x	x	x	x
Xiamen Rizheng	Moonscape twist pen kits RZ-BP498	Metal Cap	x	x	x	x	x	8.7mm or 11/32	8.5mm	56.1mm	12.2mm	?	11mm
Xiamen Rizheng	Motorcycle pen kits RZ-BP374	10mm or 25/64	9.8mm	45.5mm	?	?	?	10mm or 25/64	9.8mm	51.8mm	?	?	?
Xiamen Rizheng	Ms crystal pen kits RZ-BP189	9.5mm or 3/8	9.3mm	57mm	?	?	?	x	x	x	x	x	x



Xiamen Rizheng Kit Bushing and Tube Refs.

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

Dimensions are based on Metric Units.

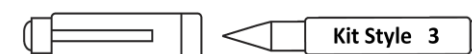
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Large = (12.73 - 15.24) mm Dia.

Extra Large = (15.27 - 17.78) mm Dia.



Some Kits May Require Modifying Replacement Tube Lengths.



Kit Style 0 are Misc. Kit Styles

Typical Mandrel Dia. Sizes
A - 6.27 mm Dia. B - 7.39 mm Dia.
Size Determined by Supplier



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

Kit Supplier	Kit Description	Category & Size	Kit Style	Replacement Tubes	Bushing Set
Xiamen Rizheng	MT Kunlun Loong pen kits RZ-BP238	?	1	RZ-BT238	RZ-BP238#-BU
Xiamen Rizheng	Multicolor pen kits RZ-BP413	?	1	RZ-BT413	RZ-BPCL413#-BU
Xiamen Rizheng	Multicolor stylus pen kits RZ-BPTCL373	?	2	RZ-BT373	RZ-BPTCL373#-BU
Xiamen Rizheng	Multifunction pen kits RZ-BP329	?	2	RZ-BT329	RZ-BP329#-BU
Xiamen Rizheng	Multitool pen kits RZ-PK208	?	1	RZ-BT208	RZ-PK208#-BU
Xiamen Rizheng	Mysterious sky series FP pen kits RZ-FP272	?	3	RZ-BT272	RZ-RP272#-BU
Xiamen Rizheng	Mysterious sky series RB pen kits RZ-RP272	?	3	RZ-BT272	RZ-RP272#-BU
Xiamen Rizheng	Nail art dotting pen kit RZ-PK548	?	0	RZ-BT548	RZ-BPCL338#-BU
Xiamen Rizheng	Needle Threader RZ-PK477	?	0	RZ-BT91	RZ-PK91#-BU
Xiamen Rizheng	New majestic fountain pen kits RZ-FP516	?	3	RZ-BT50-1 & RZ-BT50-2	RZ-RP50#-BU
Xiamen Rizheng	New majestic rollerball pen kits RZ-RP516	?	3	RZ-BT50-1 & RZ-BT50-2	RZ-RP50#-BU
Xiamen Rizheng	New mini sketch pencil kits RZ-PCL468	?	1	RZ-BT468	RZ-PCL468#-BU
Xiamen Rizheng	New police pen kits RZ-BP479	?	2	RZ-BT479	RZ-BP479#-BU
Xiamen Rizheng	New Revolver click pen kits RZ-BPCL267	?	2	RZ-BT267	RZ-BPCL267#-BU
Xiamen Rizheng	New sketch pencil kits RZ-BP251	?	1	RZ-BT251	RZ-PCL251#-BU
Xiamen Rizheng	New tank twist pen kits RZ-BP262	?	1	RZ-BT262	RZ-BP262#-BU
Xiamen Rizheng	Noble fountain pen kits RZ-FP211	?	3	RZ-BT211-1 & RZ-BT211-2	RZ-RP211#-BU
Xiamen Rizheng	Noble rollerball pen kits RZ-RP211	?	3	RZ-BT211-1 & RZ-BT211-2	RZ-RP211#-BU
Xiamen Rizheng	Nurses pen kits RZ-BP505	?	1	RZ-BT40	RZ-BP40#-BU
Xiamen Rizheng	Nyoibo pro gel pen kits new RZ-BP206N	?	3	RZ-BT206-N	RZ-BP206#-BU
Xiamen Rizheng	Officer twist pen kits RZ-BP173	?	1	RZ-BT173	RZ-BP173#-BU
Xiamen Rizheng	Ornament kits - star RZ-PK295	?	0	RZ-BT295	RZ-PK295#-BU
Xiamen Rizheng	Ornament kits - classic RZ-PK296	?	0	RZ-BT296	RZ-PK296#-BU
Xiamen Rizheng	Ornament kits - christmas tree RZ-PK7	?	0	RZ-BT7	RZ-BP3#-BU
Xiamen Rizheng	Ornament kits - christmas tree RZ-PK7	?	0	RZ-BT7	RZ-BP3#-BU
Xiamen Rizheng	Ornament kits - tree RZ-PK298	?	0	RZ-BT298	RZ-PK298#-BU



Xiamen Rizheng Kit Bushing and Tube Refs.

Metric Units

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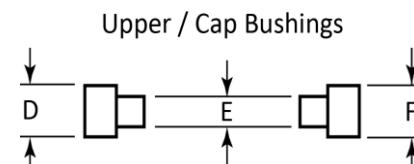
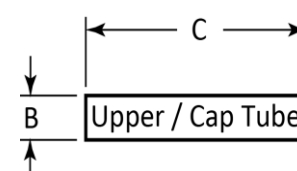
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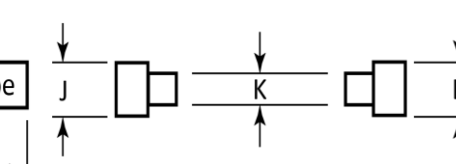
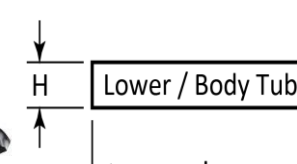
A Drill



Tolerances for All Metric Measurements:
1 Place Dims +/- .3 & 2 Place Dims +/- .13



G Drill



Use this Chart with Discretion. Manufacturers Change dimensions of parts on Occasion. It Should Only be Used as a Reference Guide.

Kit Supplier	Kit Description	Upper / Cap Tube			Upper / Cap Bushings			Lower / Body Tube			Lower / Body Bushings		
		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.
Xiamen Rizheng	MT Kunlun Loong pen kits RZ-BP238	9.5mm or 3/8	9.3mm	79mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Multicolor pen kits RZ-BP413	Metal Cap	x	x	x	x	x	9.5mm or 3/8	9.3mm	32.8mm	?	?	?
Xiamen Rizheng	Multicolor stylus pen kits RZ-BPTCL373	Metal Cap	x	x	x	x	x	10mm or 25/64	9.8mm	29.9mm	?	?	?
Xiamen Rizheng	Multifunction pen kits RZ-BP329	7mm	6.8mm	32mm	?	x	?	x	x	x	x	x	x
Xiamen Rizheng	Multitool pen kits RZ-PK208	11.3mm	11.1mm	83.5mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Mysterious sky series FP pen kits RZ-FP272	10.7mm	10.5mm	41mm	?	?	?	9.7mm	9.5mm	72mm	?	?	?
Xiamen Rizheng	Mysterious sky series RB pen kits RZ-RP272	10.7mm	10.5mm	41mm	?	?	?	9.7mm	9.5mm	72mm	?	?	?
Xiamen Rizheng	Nail art dotting pen kit RZ-PK548	7mm	6.8mm	80mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Needle Threader RZ-PK477	8mm	7.8mm	79mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	New majestic fountain pen kits RZ-FP516	14.7mm or 37/64	14.5mm	44mm	?	?	?	11.7mm	11.5mm	55mm	?	?	?
Xiamen Rizheng	New majestic rollerball pen kits RZ-RP516	14.7mm or 37/64	14.5mm	44mm	?	?	?	11.7mm	11.5mm	55mm	?	?	?
Xiamen Rizheng	New mini sketch pencil kits RZ-PCL468	8mm	7.8mm	98mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	New police pen kits RZ-BP479	Metal Cap	x	x	x	x	x	10mm or 25/64	9.8mm	45.4mm	?	?	?
Xiamen Rizheng	New Revolver click pen kits RZ-BPCL267	Metal Cap	x	x	x	x	x	10mm or 25/64	9.8mm	48.8mm	?	?	?
Xiamen Rizheng	New sketch pencil kits RZ-BP251	11.9mm or 15/32	11.6mm	89mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	New tank twist pen kits RZ-BP262	9.5mm or 3/8	9.3mm	77.2mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Noble fountain pen kits RZ-FP211	13.2mm	13mm	43mm	?	?	?	11.7mm	11.5mm	50mm	?	?	?
Xiamen Rizheng	Noble rollerball pen kits RZ-RP211	13.2mm	13mm	43mm	?	?	?	11.7mm	11.5mm	50mm	?	?	?
Xiamen Rizheng	Nurses pen kits RZ-BP505	10.7mm or 27/64	10.5mm	.56mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Nyoibo pro gel pen kits new RZ-BP206N	Metal Cap	x	x	x	x	x	10mm or 25/64	9.8mm	77.3mm	?	?	?
Xiamen Rizheng	Officer twist pen kits RZ-BP173	9.5mm or 3/8	9.3mm	72.3mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Ornament kits - star RZ-PK295	7mm	6.8mm	35mm	?	x	?	x	x	x	x	x	x
Xiamen Rizheng	Ornament kits - classic RZ-PK296	7mm	6.8mm	35mm	?	x	?	x	x	x	x	x	x
Xiamen Rizheng	Ornament kits - christmas tree RZ-PK7	7mm	6.8mm	35mm	?	x	?	x	x	x	x	x	x
Xiamen Rizheng	Ornament kits - christmas tree RZ-PK7	7mm	6.8mm	35mm	?	x	?	x	x	x	x	x	x
Xiamen Rizheng	Ornament kits - tree RZ-PK298	7mm	6.8mm	30mm	?	x	?	x	x	x	x	x	x



Xiamen Rizheng Kit Bushing and Tube Refs.

Metric Units **Revised 10-5-2022**

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Averaged Bushing Diameter Size was used to determine Category Size:

Slim = (7.65 - 10.16) mm Dia.

Medium = (10.19 - 12.70) mm Dia.

Large = (12.73 - 15.24) mm Dia.

Extra Large = (15.27 - 17.78) mm Dia.



Some Kits May Require Modifying Replacement Tube Lengths.



Typical Mandrel Dia. Sizes
A - 6.27 mm Dia. B - 7.39 mm Dia.
Size Determined by Supplier



Kit Style 0 are Misc. Kit Styles

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

Kit Supplier	Kit Description	Category & Size	Kit Style	Replacement Tubes	Bushing Set
Xiamen Rizheng	Ornament kits - bulb RZ-PK299	?	0	x	x
Xiamen Rizheng	Ornament kits - RZ-PK347	?	1	x	RZ-PK347#-BU
Xiamen Rizheng	Over/under shotgun FP pen kits RZ-FP379	?	3	RZ-BT379	RZ-RP379#-BU
Xiamen Rizheng	Over/under shotgun RB pen kits RZ-RP379	?	3	RZ-BT379	RZ-RP379#-BU
Xiamen Rizheng	Panache pen kits RZ-RP58	?	3	RZ-BT58-1 & RZ-BT58-2	RZ-RP58#-BU
Xiamen Rizheng	Partitioned pen kits RZ-BP141	?	2	RZ-BT141-1 & RZ-BT141-2	RZ-BP141#-BU
Xiamen Rizheng	Pastor twist pen kits RZ-BP172	?	2	RZ-BT172-1 & RZ-BT172-2	RZ-BP172#-BU
Xiamen Rizheng	Patricia pen kits RZ-BP111	?	2	RZ-BT111	RZ-BP111#-BU
Xiamen Rizheng	Peace caritas pen kits RZ-BP249	?	2	RZ-BT249	RZ-BP249#-BU
Xiamen Rizheng	Pencil holder kits RZ-PCL401	?	1	RZ-BT401	RZ-PCL139#-BU
Xiamen Rizheng	Penlight kits RZ-PK81	?	0	RZ-BT81	RZ-PK81#-BU
Xiamen Rizheng	Perfume atomizer kits RZ-PK64	?	0	RZ-BT64-1, RZ-BT64-2	RZ-PK64#-BU
Xiamen Rizheng	Perfume holder kits RZ-PK63	?	0	RZ-BT63	RZ-PK63#-BU
Xiamen Rizheng	Perfume pen kits RZ-PK65	?	0	RZ-BT65-1, RZ-BT65-2	RZ-PK65#-BU
Xiamen Rizheng	Perfume stylus pen kits RZ-PKTS322	?	0	RZ-BT322	RZ-PKTS322#-BU
Xiamen Rizheng	Personal ball pen kits RZ-BP260	?	1	RZ-BT260	RZ-BP260#-BU
Xiamen Rizheng	Phone stand stylus pen kits RZ-BPTS342	?	3	RZ-BT342	RZ-BPTS342#-BU
Xiamen Rizheng	Pirate bolt pen kits RZ-BP230	?	1	RZ-BT230	RZ-BP230#-BU
Xiamen Rizheng	Pirate panic pen kits RZ-BP232	?	2	RZ-BT232	RZ-BP232#-BU
Xiamen Rizheng	Pirate skull twist pen kits RZ-BP229	?	2	RZ-BT229	RZ-BP229#-BU
Xiamen Rizheng	Pistol click pen kits RZ-BPCL266	?	2	RZ-BT266	RZ-BPCL266#-BU
Xiamen Rizheng	Pocket ball pen kits RZ-BP456	?	1	RZ-BT456	RZ-BP456#-BU
Xiamen Rizheng	Polaris twist pen kits RZ-BP28	?	1	RZ-BT28	RZ-BP28#-BU
Xiamen Rizheng	Polaris twist pencil kits RZ-PCL28	?	1	RZ-BT28-PCL	RZ-BP28#-BU
Xiamen Rizheng	Power Click Pen Kits RZ-BPCL26	?	2	RZ-BT26	RZ-BPCL26#-BU



Xiamen Rizheng Kit Bushing and Tube Refs.

Metric Units

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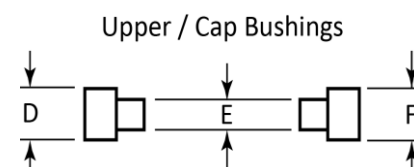
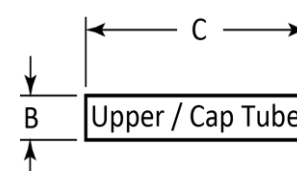
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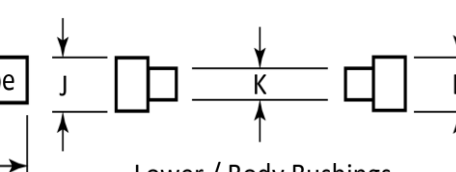
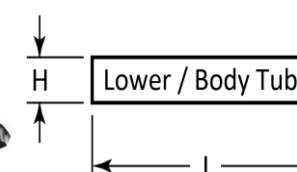
A Drill



Tolerances for All Metric Measurements:
1 Place Dims +/- .3 & 2 Place Dims +/- .13



G Drill



Use this Chart with Discretion. Manufacturers Change dimensions of parts on Occasion. It Should Only be Used as a Reference Guide.

Kit Supplier	Kit Description	Upper / Cap Tube			Upper / Cap Bushings			Lower / Body Tube			Lower / Body Bushings		
		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.
Xiamen Rizheng	Ornament kits - bulb RZ-PK299	x	x	x	x	x	x	x	x	x	x	x	x
Xiamen Rizheng	Ornament kits - RZ-PK347	11/64	x	25mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Over/under shotgun FP pen kits RZ-FP379	12.3mm	12.1mm	46.2mm	?	?	?	10.6mm	10.4mm	53.4mm	?	?	?
Xiamen Rizheng	Over/under shotgun RB pen kits RZ-RP379	12.3mm	12.1mm	46.2mm	?	?	?	10.6mm	10.4mm	53.4mm	?	?	?
Xiamen Rizheng	Panache pen kits RZ-RP58	12.5mm	12.3mm	51.1mm	0.670	?	0.570	10.3mm or 13/32	10mm	74mm	0.570	?	0.788
Xiamen Rizheng	Partitioned pen kits RZ-BP141	7mm	6.8mm	40.1mm	?	x	?	7mm	6.8mm	(2) 24.5mm	?	?	?
Xiamen Rizheng	Pastor twist pen kits RZ-BP172	10mm or 25/64	9.8mm	65mm	?	?	?	8mm	7.8mm	29mm	?	?	?
Xiamen Rizheng	Patricia pen kits RZ-BP111	7mm	6.8mm	37.5mm	?	x	?	7mm	6.8mm	37.5mm	?	?	?
Xiamen Rizheng	Peace caritas pen kits RZ-BP249	9.5mm or 3/8	9.3mm	32mm	?	?	?	9.5mm or 3/8	9.3mm	41mm	?	?	?
Xiamen Rizheng	Pencil holder kits RZ-PCL401	9.5mm or 3/8	9.3mm	80mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Penlight kits RZ-PK81	12.5mm	12.3mm	46.8mm	?	?	?	12.5mm	12.3mm	46.8mm	?	?	?
Xiamen Rizheng	Perfume atomizer kits RZ-PK64	15mm	14.8mm	35mm	?	?	?	15mm	14.8mm	38mm	?	?	?
Xiamen Rizheng	Perfume holder kits RZ-PK63	8.7mm or 11/32	8.5mm	35mm	12.4mm	?	12.4mm	x	x	x	x	x	x
Xiamen Rizheng	Perfume pen kits RZ-PK65	8mm	7.8mm	24.9mm	?	?	?	8mm	7.7mm	74mm	?	?	?
Xiamen Rizheng	Perfume stylus pen kits RZ-PKTS322	8mm	7.8mm	33.1mm	?	?	?	8mm	7.8mm	69mm	?	?	?
Xiamen Rizheng	Personal ball pen kits RZ-BP260	9.5mm or 3/8	9.3mm	97.5mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Phone stand stylus pen kits RZ-BPTS342	Metal Cap	x	x	x	x	x	10mm or 25/64	9.8mm	40mm	?	?	?
Xiamen Rizheng	Pirate bolt pen kits RZ-BP230	9.5mm or 3/8	9.3mm	49.5mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Pirate panic pen kits RZ-BP232	Metal Cap	x	x	x	x	x		9.8mm	56.5mm	?	?	?
Xiamen Rizheng	Pirate skull twist pen kits RZ-BP229	9.5mm or 3/8	9.3mm	37.5mm	?	?	?	9.5mm or 3/8	9.3mm	42.3mm	?	?	?
Xiamen Rizheng	Pistol click pen kits RZ-BPCL266	Metal Cap	x	x	x	x	x	10.1mm	9.9mm	54.5mm	?	?	?
Xiamen Rizheng	Pocket ball pen kits RZ-BP456	8mm	7.8mm	85mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Polaris twist pen kits RZ-BP28	9.5mm or 3/8	9.3mm	71.5mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Polaris twist pencil kits RZ-PCL28	9.5mm or 3/8	9.3mm	80.7mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Power Click Pen Kits RZ-BPCL26	8mm	7.8mm	47.5mm	?	?	?	8mm	7.8mm	47.5mm	?	?	?



Xiamen Rizheng Kit Bushing and Tube Refs.

Metric Units

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**Averaged Bushing Diameter Size
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Slim = (7.65 - 10.16) mm Dia.

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**Some Kits May Require
Modifying Replacement
Tube Lengths.**



Typical Mandrel Dia. Sizes
A - 6.27 mm Dia. B - 7.39 mm Dia.
Size Determined by Supplier



Kit Style 0 are Misc. Kit Styles

Kit Supplier	Kit Description	Category & Size	Kit Style	Replacement Tubes	Bushing Set
Xiamen Rizheng	Power Click Pencil Kits RZ-PCL27	?	2	RZ-BT27	RZ-BP26#-BU
Xiamen Rizheng	Precision cutting kits RZ-PK530	?	0	RZ-BT3	RZ-PK530#-BU
Xiamen Rizheng	Premium designer pen kits RZ-BP16	?	2	RZ-BT84-10 (254mm)	RZ-PCL15#-BU & RZ-BP16#-BU
Xiamen Rizheng	Prince pen kits RZ-BP449	?	2	RZ-BT3	RZ-BP3#-BU
Xiamen Rizheng	Projector pen kits RZ-BP474	?	2	RZ-BT474	RZ-BP474#-BU
Xiamen Rizheng	ProzX art deco twist pen kits RZ-BP178	?	1	RZ-BT178	RZ-BP177#-BU
Xiamen Rizheng	Push click pen kits RZ-BPCL86	?	2	RZ-BT86	RZ-BPCL86#-BU
Xiamen Rizheng	Rabbit ball pen kits RZ-BP235	?	2	?	?
Xiamen Rizheng	Razor handle kits RZ-PK93	?	0	RZ-BT93	RZ-PK93#-BU
Xiamen Rizheng	Razor handle kits fashion RZ-PK399	?	0	RZ-BT93	(RZ-PK93#-BU
Xiamen Rizheng	Razor handle kits rotating RZ-PK435	?	0	RZ-BT93	RZ-PK93#-BU
Xiamen Rizheng	Razor Safety RZ-PK128	?	0	RZ-BT128	RZ-PK128#-BU
Xiamen Rizheng	Razor shaving brush kits RZ-PK94	?	0	RZ-BT94	RZ-PK94#-BU
Xiamen Rizheng	Razor shaving kit stand kits RZ-PK92	?	0	RZ-BT92	RZ-PK92#-BU
Xiamen Rizheng	Refrigerator pen kits RZ-BP157	?	2	RZ-BT157	RZ-BP157#-BU
Xiamen Rizheng	Retro fountain pen kits RZ-FP234	?	3	RZ-BT234	RZ-RP234#-BU
Xiamen Rizheng	Retro rollerball pen kits RZ-RP234	?	3	RZ-BT234	RZ-RP234#-BU
Xiamen Rizheng	Retro fountain pen kits new RZ-FP234N	?	3	RZ-BT234	RZ-RP234#-BU
Xiamen Rizheng	Retro rollerball pen kits new RZ-RP234N-	?	3	RZ-BT234	RZ-RP234#-BU
Xiamen Rizheng	Rifle bolt pen kits RZ-BP84	?	1	RZ-BT84	RZ-BP84#-BU
Xiamen Rizheng	Rifle bolt pencil kits RZ-PCL84	?	1	RZ-BT84	RZ-BP84#-BU
Xiamen Rizheng	Rifle bolt pen kits - 50 cal RZ-BP294	?	1	RZ-BT294	RZ-BP294#-BU
Xiamen Rizheng	Rifle bolt mini pen kits RZ-BP83	?	1	RZ-BT83	RZ-BP84#-BU
Xiamen Rizheng	Rifle bolt tec-pen kits RZ-BP143	?	1	RZ-BT143	RZ-BP143#-BU
Xiamen Rizheng	Rifle Rollerball Pen Kits RZ-RP190	?	3	RZ-BT190	RZ-RP190#-BU
Xiamen Rizheng	Ripple click pen kits RZ-BPCL352	?	1	RZ-BT352	RZ-BPCL352#-BU



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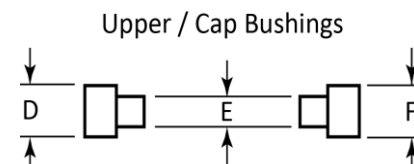
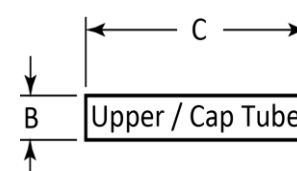
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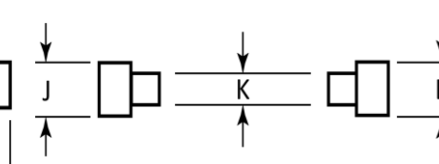
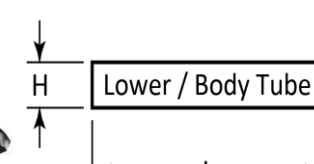
A Drill



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1 Place Dims +/- .3 & 2 Place Dims +/- .13



G Drill



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Kit Supplier	Kit Description	Upper / Cap Tube			Upper / Cap Bushings			Lower / Body Tube			Lower / Body Bushings		
		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.
Xiamen Rizheng	Power Click Pencil Kits RZ-PCL27	8mm	7.8mm	47.5mm	?	?	?	8mm	7.8mm	47.5mm	?	?	?
Xiamen Rizheng	Precision cutting kits RZ-PK530	7mm	6.8mm	51.7mm	?	x	?	x	x	x	x	x	x
Xiamen Rizheng	Premium designer pen kits RZ-BP16	8mm	7.8mm	51.6mm	?	?	?	8mm	7.8mm	60.3mm	?	?	?
Xiamen Rizheng	Prince pen kits RZ-BP449	7mm	6.8mm	51.7mm	?	x	?	7mm	6.8mm	51.7mm	?	x	?
Xiamen Rizheng	Projector pen kits RZ-BP474	Metal Cap	x	x	x	x	x	8.7mm or 11/32	8.5mm	51mm	?	?	?
Xiamen Rizheng	ProzX art deco twist pen kits RZ-BP178	9.5mm or 3/8	9.3mm	50.6mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Push click pen kits RZ-BPCL86	8.7mm or 11/32	8.5mm	50.3mm	?	?	?	8.7mm or 11/32	8.5mm	50.3mm	?	?	?
Xiamen Rizheng	Rabbit ball pen kits RZ-BP235	?	?	?	?	?	?	Metal Tip	x	x	x	x	x
Xiamen Rizheng	Razor handle kits RZ-PK93	7mm	6.8mm	76.1mm	?	x	?	x	x	x	x	x	x
Xiamen Rizheng	Razor handle kits fashion RZ-PK399	7mm	6.8mm	76.1mm	?	x	?	x	x	x	x	x	x
Xiamen Rizheng	Razor handle kits rotating RZ-PK435	7mm	6.8mm	76.1mm	?	x	?	x	x	x	x	x	x
Xiamen Rizheng	Razor Safety RZ-PK128	7mm	6.8mm	76.1mm	12.4mm	x	12.4mm	x	x	x	x	x	x
Xiamen Rizheng	Razor shaving brush kits RZ-PK94	7mm	6.8mm	55mm	?	x	?	7/8	x	7.9mm	?	?	?
Xiamen Rizheng	Razor shaving kit stand kits RZ-PK92	8.7mm or 11/32	8.5mm	110mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Refrigerator pen kits RZ-BP157	7mm	6.8mm	35mm	?	x	?	7mm	6.8mm	35mm	?	x	?
Xiamen Rizheng	Retro fountain pen kits RZ-FP234	12.6mm	12.4mm	47.6mm	?	?	?	10.6mm	10.4mm	51.6mm	?	?	?
Xiamen Rizheng	Retro rollerball pen kits RZ-RP234	12.6mm	12.4mm	47.6mm	?	?	?	10.6mm	10.4mm	51.6mm	?	?	?
Xiamen Rizheng	Retro fountain pen kits new RZ-FP234N	12.6mm	12.4mm	47.6mm	?	?	?	10.6mm	10.4mm	51.6mm	?	?	?
Xiamen Rizheng	Retro rollerball pen kits new RZ-RP234N-	12.6mm	12.4mm	47.6mm	?	?	?	10.6mm	10.4mm	51.6mm	?	?	?
Xiamen Rizheng	Rifle bolt pen kits RZ-BP84	9.5mm or 3/8	9.3mm	49.5mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Rifle bolt pencil kits RZ-PCL84	9.5mm or 3/8	9.3mm	49.5mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Rifle bolt pen kits - 50 cal RZ-BP294	9.5mm or 3/8	9.3mm	37.1mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Rifle bolt mini pen kits RZ-BP83	9.5mm or 3/8	9.3mm	34.8mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Rifle bolt tec-pen kits RZ-BP143	8mm	7.8mm	63.6mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Rifle Rollerball Pen Kits RZ-RP190	Metal Cap	x	x	x	x	x	10mm or 25/64	9.8mm	74mm	?	?	?
Xiamen Rizheng	Ripple click pen kits RZ-BPCL352	Metal Cap	x	x	x	x	x	9.5mm or 3/8	9.3mm	53mm	?	?	?



Xiamen Rizheng Kit Bushing and Tube Refs.

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Extra Large = (15.27 - 17.78) mm Dia.



**Some Kits May Require
Modifying Replacement
Tube Lengths.**



Kit Style 0 are Misc. Kit Styles

Typical Mandrel Dia. Sizes
A - 6.27 mm Dia. B - 7.39 mm Dia.
Size Determined by Supplier



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

Kit Supplier	Kit Description	Category & Size	Kit Style	Replacement Tubes	Bushing Set
Xiamen Rizheng	Rocket bullet ball pen kits RZ-BP176	?	1	RZ-BT176	RZ-BP176#-BU
Xiamen Rizheng	Roman warriors twist pen kits RZ-BP407	?	2	RZ-BT407	RZ-BP407#-BU
Xiamen Rizheng	Royalty twist pen kits RZ-BP192	?	1	RZ-BT192	RZ-BP192#-BU
Xiamen Rizheng	Ruyi ball pen kits RZ-BP220	?	1	RZ-BT220	RZ-BP220#-BU
Xiamen Rizheng	Sagitors twist pen kits RZ-BP306	?	1	RZ-BT306	RZ-BP306#-BU
Xiamen Rizheng	Sailing twist pen kits RZ-BP241	?	1	RZ-BT241	RZ-BP241#-BU
Xiamen Rizheng	Sailor gearfountain pen kits RZ-FP116	?	3	RZ-BT116	RZ-FP116#-BU
Xiamen Rizheng	Sailor gear rollerball pen kits RZ-RP116	?	3	RZ-BT116	RZ-FP116#-BU
Xiamen Rizheng	Samsara twist pen kits RZ-BP265	?	1	RZ-BT265	RZ-BP265#-BU
Xiamen Rizheng	Screwdriver stylus pen kits RZ-BPTS327	?	3	RZ-BT327	RZ-BPTS327#-BU
Xiamen Rizheng	Seam Ripper Kits RZ-PK91	?	0	RZ-BT91	RZ-PK91#-BU
Xiamen Rizheng	Seam Ripper Kits new RZ-PK91N	?	0	RZ-BT91	RZ-PK91#-BU
Xiamen Rizheng	Seam Ripper Kits - Crystal RZ-PKTS539	?	0	RZ-BT34	RZ-BPTS136#-BU
Xiamen Rizheng	Seam Ripper Kits necklace RZ-PK269	?	0	RZ-BT181	RZ-PK91#-BU
Xiamen Rizheng	Seam Ripper Kits - Stiletto RZ-PK330	?	0	RZ-BT330	RZ-PK91#-BU
Xiamen Rizheng	Secret top pen kits RZ-BP47	?	1	RZ-BT47	RZ-BP47#-BU
Xiamen Rizheng	Semicircular pen kits RZ-RP179	?	3	RZ-BT179-1 & RZ-BT179-2	RZ-RP179#-BU
Xiamen Rizheng	Semicircular fountain pen kits RZ-FP179	?	3	RZ-BT179-1 & RZ-BT179-2	RZ-RP179#-BU
Xiamen Rizheng	Senator click pen kits RZ-BPCL403	?	1	RZ-BT403	RZ-BPCL403#-BU
Xiamen Rizheng	Sewing Pen Kits RZ-BP469	?	1	RZ-BT469	RZ-BP469#-BU
Xiamen Rizheng	Sierra click pen kits RZ-BPCL40	?	1	RZ-BT40	RZ-BP40#-BU
Xiamen Rizheng	Sierra pen kits RZ-BP40	?	1	RZ-BT40	RZ-BP40#-BU
Xiamen Rizheng	Sierra larger pen kits RZ-BP282	?	1	RZ-BT40	RZ-BP282#-BU
Xiamen Rizheng	Sierra pencil kits RZ-PCL40	?	1	RZ-BT40	RZ-BP40#-BU



Xiamen Rizheng Kit Bushing and Tube Refs.

Metric Units

Revised 10-5-2022

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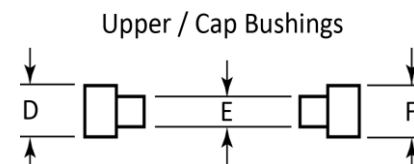
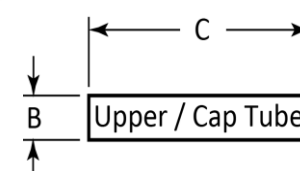
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Note: All data was compiled from suppliers published kit, tube and bushing information.

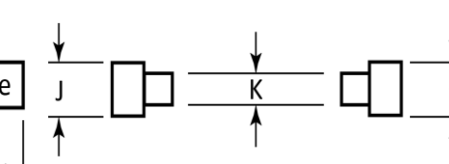
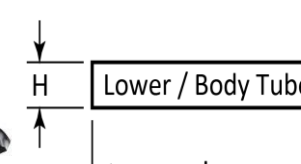
A Drill



Tolerances for All Metric Measurements:
1 Place Dims +/- .3 & 2 Place Dims +/- .13



G Drill



Use this Chart with Discretion. Manufacturers Change dimensions of parts on Occasion. It Should Only be Used as a Reference Guide.

Kit Supplier	Kit Description	Upper / Cap Tube			Upper / Cap Bushings			Lower / Body Tube			Lower / Body Bushings		
		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.
Xiamen Rizheng	Rocket bullet ball pen kits RZ-BP176	10.5mm	10.3mm	64mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Roman warriors twist pen kits RZ-BP407	9.5mm or 3/8	9.3mm	45mm	?	?	?	9.5mm or 3/8	9.3mm	46.2mm	?	?	?
Xiamen Rizheng	Royalty twist pen kits RZ-BP192	8.7mm or 11/32	8.5mm	82mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Ruyi ball pen kits RZ-BP220	9.5mm or 3/8	9.3mm	48.3mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Sagitors twist pen kits RZ-BP306	9.1mm	8.9mm	68.3mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Sailing twist pen kits RZ-BP241	9.5mm or 3/8	9.3mm	76mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Sailor gearfountain pen kits RZ-FP116	11.7mm	11.5mm	46.2mm	?	?	?	10mm or 25/64	9.8mm	50mm	?	?	?
Xiamen Rizheng	Sailor gear rollerball pen kits RZ-RP116	11.7mm	11.5mm	46.2mm	?	?	?	10mm or 25/64	9.8mm	50mm	?	?	?
Xiamen Rizheng	Samsara twist pen kits RZ-BP265	9.5mm or 3/8	9.3mm	67.6mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Screwdriver stylus pen kits RZ-BPTS327	8.7mm or 11/32	8.5mm	32.1mm	?	?	?	8.7mm or 11/32	8.5mm	48.1mm	?	?	?
Xiamen Rizheng	Seam Ripper Kits RZ-PK91	8mm	7.8mm	79mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Seam Ripper Kits new RZ-PK91N	8mm	7.8mm	79mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Seam Ripper Kits - Crystal RZ-PKTS539	Crystal Cap	x	x	x	x	x	8mm	7.8mm	51mm	?	?	?
Xiamen Rizheng	Seam Ripper Kits necklace RZ-PK269	8mm	7.8mm	62mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Seam Ripper Kits - Stiletto RZ-PK330	8mm	7.8mm	95mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Secret top pen kits RZ-BP47	8.5mm	8.6mm	77mm	?	?	?	x	x	x	?	?	?
Xiamen Rizheng	Semicircular pen kits RZ-RP179	12.1mm	11.9mm	46.2mm	?	?	?	10.4mm & 7mm	10.2mm & 6.8mm	67.8mm	?	?	?
Xiamen Rizheng	Semicircular fountain pen kits RZ-FP179	12.1mm	11.9mm	46.2mm	?	?	?	10.4mm & 7mm	10.2mm & 6.8mm	67.8mm	?	?	?
Xiamen Rizheng	Senator click pen kits RZ-BPCL403	10mm or 25/64	9.8mm	80mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Sewing Pen Kits RZ-BP469	9.5mm or 3/8	9.3mm	65mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Sierra click pen kits RZ-BPCL40	10.7mm or 27/64	10.5mm	56mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Sierra pen kits RZ-BP40	10.7mm or 27/64	10.5mm	56mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Sierra larger pen kits RZ-BP282	10.7mm or 27/64	10.5mm	56mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Sierra pencil kits RZ-PCL40	10.7mm or 27/64	10.5mm	56mm	?	?	?	x	x	x	x	x	x



Xiamen Rizheng Kit Bushing and Tube Refs.

Metric Units **Revised 10-5-2022**

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

Dimensions are based on Metric Units.

Averaged Bushing Diameter Size was used to determine Category Size:

Slim = (7.65 - 10.16) mm Dia.

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Some Kits May Require Modifying Replacement Tube Lengths.



Kit Style 0 are Misc. Kit Styles

Typical Mandrel Dia. Sizes
A - 6.27 mm Dia. B - 7.39 mm Dia.
Size Determined by Supplier



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

Kit Supplier	Kit Description	Category & Size	Kit Style	Replacement Tubes	Bushing Set
Xiamen Rizheng	Sierra touch stylus pen kits RZ-BPTS40	?	1	RZ-BT40	RZ-BP40#-BU
Xiamen Rizheng	Simplicity touch stylus pen kits RZ-RPTS207	?	3	RZ-BT207	RZ-RPTS207#-BU
Xiamen Rizheng	Skiing ball pen kits RZ-BP385	?	1	RZ-BT385	RZ-BP385#-BU
Xiamen Rizheng	Slim click pen kits RZ-BPCL5	?	2	RZ-BT3	RZ-BP3#-BU
Xiamen Rizheng	Slim pen kits RZ-BP37	?	2	RZ-BT3	RZ-BP3#-BU
Xiamen Rizheng	Slimline pen kits RZ-BP5	?	2	RZ-BT3	RZ-BP3#-BU
Xiamen Rizheng	Slimline pen kits touch stylus RZ-BPTS5	?	2	RZ-BT3	RZ-BP3#-BU
Xiamen Rizheng	Slimline pencil kits RZ-PCL2	?	2	RZ-BT3	RZ-BP3#-BU
Xiamen Rizheng	Slimline pencil kits - miracle RZ-PCL518	?	1	RZ-BT338	RZ-BPCL338#-BU
Xiamen Rizheng	Slimline pro gel click pencil kits RZ-PCL35	?	2	RZ-BT34	RZ-BPCL34#-BU
Xiamen Rizheng	Slimline pro gel click pen kits RZ-BPCL34	?	2	RZ-BT34	RZ-BPCL34#-BU
Xiamen Rizheng	Snake skin fountain pen kits RZ-FP486	?	3	RZ-BT486	RZ-FP486#-BU
Xiamen Rizheng	Snake skin pen kits RZ-BP425	?	2	RZ-BT425	RZ-BP425#-BU
Xiamen Rizheng	Soccer ball pen kits RZ-BP414	?	1	RZ-BT414	RZ-BP414#-BU
Xiamen Rizheng	Social pen kits RZ-BP526	?	2	RZ-BT3	RZ-BP3#-BU
Xiamen Rizheng	Soft touch tablet stylus kits RZ-PKTS202	?	0	RZ-BT202	RZ-PKTS202#-BU
Xiamen Rizheng	Soft touch stylus kits - bobble RZ-PKTS23	?	0	RZ-BT3	RZ-PKTS23#-BU
Xiamen Rizheng	Soldier click pen kits RZ-BPCL408	?	1	RZ-BT408	RZ-BPCL408#-BU
Xiamen Rizheng	Spanner click pen kit RZ-BPCL264	?	1	RZ-BT264	RZ-BPCL264#-BU
Xiamen Rizheng	Sphere stylus click pen kits RZ-BPTCL188	?	2	RZ-BT188-1 & RZ-BT188-2	RZ-RZ-BPTCL188#-BU
Xiamen Rizheng	Spinning tops kits RZ-PK44	?	0	RZ-BT44	RZ-PK44#-BU
Xiamen Rizheng	Spiritual twist pen kits RZ-BP177	?	1	RZ-BT177	RZ-BP177#-BU
Xiamen Rizheng	St. Charles pen kits RZ-BP38	?	2	RZ-BT3	RZ-BP38#-BU
Xiamen Rizheng	Stick shift pen kits RZ-BP217	?	1	RZ-BT217	RZ-BP217#-BU
Xiamen Rizheng	Streamline pencil kits RZ-PCL39	?	2	RZ-BT39	RZ-BP39#-BU



Xiamen Rizheng Kit Bushing and Tube Refs.

Metric Units

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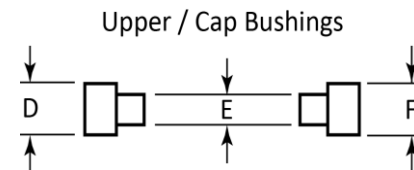
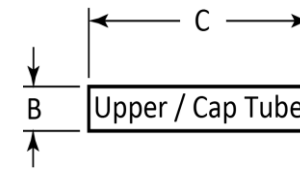
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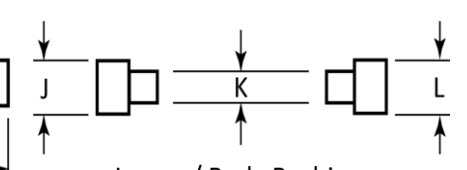
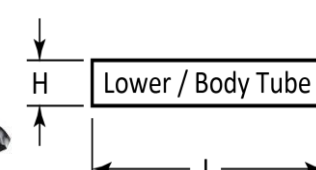
A Drill



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1 Place Dims +/- .3 & 2 Place Dims +/- .13



G Drill



**Use this Chart with Discretion. Manufacturers Change dimensions
of parts on Occasion. It Should Only be Used as a Reference Guide.**

Kit Supplier	Kit Description	Upper / Cap Tube			Upper / Cap Bushings			Lower / Body Tube			Lower / Body Bushings		
		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.
Xiamen Rizheng	Sierra touch stylus pen kits RZ-BPTS40	10.7mm or 27/64	10.5mm	56mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Simplicity touch stylus pen kits RZ-RPTS207	Metal Cap	x	x	x	x	x	8mm	7.8mm	90mm	?	?	?
Xiamen Rizheng	Skiing ball pen kits RZ-BP385	9.5mm or 3/8	9.3mm	78.3mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Slim click pen kits RZ-BPCL5	7mm	6.8mm	51.7mm	?	x	?	7mm	6.8mm	51.7mm	?	x	?
Xiamen Rizheng	Slim pen kits RZ-BP37	7mm	6.8mm	51.7mm	?	x	?	7mm	6.8mm	51.7mm	?	x	?
Xiamen Rizheng	Slimline pen kits RZ-BP5	7mm	6.8mm	51.7mm	?	x	?	7mm	6.8mm	51.7mm	?	x	?
Xiamen Rizheng	Slimline pen kits touch stylus RZ-BPTS5	7mm	6.8mm	51.7mm	?	x	?	7mm	6.8mm	51.7mm	?	x	?
Xiamen Rizheng	Slimline pencil kits RZ-PCL2	7mm	6.8mm	51.7mm	?	x	?	7mm	6.8mm	51.7mm	?	x	?
Xiamen Rizheng	Slimline pencil kits - miracle RZ-PCL518	7mm	6.8mm	107.4 mm	?	x	?	x	x	x	x	x	x
Xiamen Rizheng	Slimline pro gel click pencil kits RZ-PCL35	8mm	7.8mm	51mm	?	?	?	8mm	7.8mm	51mm	?	?	?
Xiamen Rizheng	Slimline pro gel click pen kits RZ-BPCL34	8mm	7.8mm	51mm	?	?	?	8mm	7.8mm	51mm	?	?	?
Xiamen Rizheng	Snake skin fountain pen kits RZ-FP486	Metal Cap	x	x	x	x	x	10.6mm	10.4mm	53.4mm	?	?	?
Xiamen Rizheng	Snake skin pen kits RZ-BP425	Metal Cap	x	x	x	x	x	8.7mm or 11/32	8.5mm	56.6mm	?	?	?
Xiamen Rizheng	Soccer ball pen kits RZ-BP414	Metal Cap	x	x	x	x	x	9.5mm or 3/8	9.3mm	55.3mm	?	?	?
Xiamen Rizheng	Social pen kits RZ-BP526	7mm	6.8mm	51.7mm	?	x	?	7mm	6.8mm	51.7mm	?	x	?
Xiamen Rizheng	Soft touch tablet stylus kits RZ-PKTS202	7mm	6.8mm	81.5mm	?	x	?	x	x	x	x	x	x
Xiamen Rizheng	Soft touch stylus kits - bobble RZ-PKTS23	7mm	6.8mm	51.7mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Soldier click pen kits RZ-BPCL408	10mm or 25/64	9.8mm	68mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Spanner click pen kit RZ-BPCL264	9.5mm or 3/8	9.3mm	74mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Sphere stylus click pen kits RZ-BPTCL188	8mm	7.8mm	50mm	?	?	?	8mm	7.8mm	45.5mm	?	?	?
Xiamen Rizheng	Spinning tops kits RZ-PK44	10mm or 25/64	9.8mm	38mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Spiritual twist pen kits RZ-BP177	9.5mm or 3/8	9.3mm	75.1mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	St. Charles pen kits RZ-BP38	7mm	6.8mm	51.7mm	?	x	?	7mm	6.8mm	51.7mm	?	?	?
Xiamen Rizheng	Stick shift pen kits RZ-BP217	9.5mm or 3/8	9.3mm	55.5mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Streamline pencil kits RZ-PCL39	7mm	6.8mm	53.1mm	?	?	?	7mm	6.8mm	53.1mm	?	?	?



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Xiamen Rizheng Kit Bushing and Tube Refs.

Metric Units

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Dimensions are based on Metric Units.

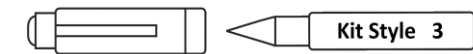
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Some Kits May Require Modifying Replacement Tube Lengths.



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A - 6.27 mm Dia. B - 7.39 mm Dia.
Size Determined by Supplier



Kit Supplier	Kit Description	Category & Size	Kit Style	Replacement Tubes	Bushing Set
Xiamen Rizheng	Streamline pen kits RZ-BP39	?	2	RZ-BT39	RZ-BP39#-BU
Xiamen Rizheng	Streamline pen kits new RZ-BP39N	?	2	RZ-BT39	RZ-BP39#-BU
Xiamen Rizheng	Streamline touch stylus pen kits RZ-BPTS39	?	2	RZ-BT39	RZ-BP39#-BU
Xiamen Rizheng	Streamline touch stylus kits new RZ-BPTS39N	?	2	RZ-BT39	RZ-BP39#-BU
Xiamen Rizheng	Streamline pen kits threaded RZ-BPTH39	?	2	RZ-BT39	RZ-BP39#-BU
Xiamen Rizheng	Stylish necklace pen kits RZ-BP201	?	3	RZ-BT201-1 & RZ-BT201-2	RZ-BP201#-BU
Xiamen Rizheng	Super disc touch pen kits RZ-BPTS316	?	2	RZ-BT316	RZ-BPTS316#-BU
Xiamen Rizheng	Sword click pen kits RZ-BPCL343	?	2	RZ-BT343	RZ-BPCL343#-BU
Xiamen Rizheng	Tactical ball pen kits RZ-BP340	?	2	RZ-BT340	RZ-BP340#2-BU
Xiamen Rizheng	Tactical twist pen kits outdoor RZ-BP292	?	2	RZ-BT292	RZ-BP292#-BU
Xiamen Rizheng	Tambourine bullet bp pen kits RZ-BP214	?	1	RZ-BT214	RZ-BP214#-BU
Xiamen Rizheng	Teacher pen kits RZ-BP22	?	0	RZ-BT22	RZ-BP22#-BU
Xiamen Rizheng	Tobacco pipe tool kits RZ-PK534	?	0	RZ-BT534	RZ-PK534#-BU
Xiamen Rizheng	Tobacco sampler kit RZ-PK508	?	0	RZ-BT3	RZ-PK508#-BU
Xiamen Rizheng	Tool box pencil kit RZ-PCL73	?	2	RZ-BT73	RZ-PCL73#-BU
Xiamen Rizheng	Tooth brush handle kit RZ-PK170	?	0	RZ-BT170	RZ-PK170#-BU
Xiamen Rizheng	Touch stylus kits with fancy clip RZ-PKTS3	?	0	?	?
Xiamen Rizheng	Touch stylus kits with clip RZ-PKTS5	?	0	?	?
Xiamen Rizheng	Touch stylus pen kits - LED flashlight RZ-BPTS198	?	0	RZ-BT198	RZ- BPTS198#-BU
Xiamen Rizheng	Tuttle twist pen kits RZ-BP415	?	2	RZ-BT415	RZ-BP415#-BU
Xiamen Rizheng	USB drive pen kits - 4G RZ-BP187	?	0	RZ-BT187	RZ-BP187#-BU
Xiamen Rizheng	USB stick holder kit RZ-PK532	?	0	RZ-BT532	RZ-PK532#-BU
Xiamen Rizheng	Vegetable and fruit peeler kits RZ-PK226	?	0	?	RZ-PK226#-BU
Xiamen Rizheng	Victorian pen kits RZ-BP307	?	1	RZ-BT307	RZ-BP307#-BU
Xiamen Rizheng	War chariot click pen kits RZ-BPCL305	?	2	RZ-BT305	RZ-BPCL305#-BU



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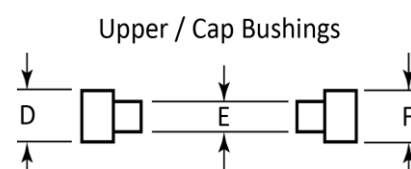
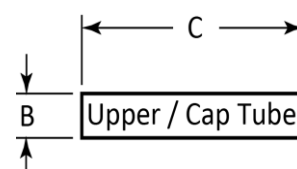
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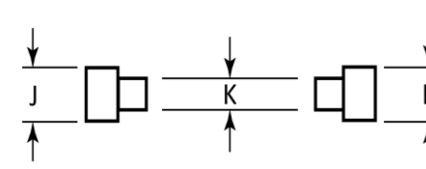
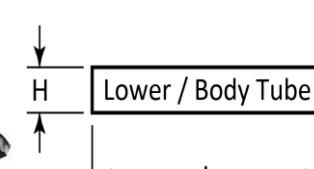
A Drill



Tolerances for All Metric Measurements:
1 Place Dims +/- .3 & 2 Place Dims +/- .13



G Drill



Use this Chart with Discretion. Manufacturers Change dimensions of parts on Occasion. It Should Only be Used as a Reference Guide.

Kit Supplier	Kit Description	Upper / Cap Tube			Upper / Cap Bushings			Lower / Body Tube			Lower / Body Bushings		
		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.
Xiamen Rizheng	Streamline pen kits RZ-BP39	7mm	6.8mm	53.1mm	?	x	?	7mm	6.8mm	53.1mm	?	x	?
Xiamen Rizheng	Streamline pen kits new RZ-BP39N	7mm	6.8mm	53.1mm	?	x	?	7mm	6.8mm	53.1mm	?	x	?
Xiamen Rizheng	Streamline touch stylus pen kits RZ-BPTS39	7mm	6.8mm	53.1mm	?	x	?	7mm	6.8mm	53.1mm	?	x	?
Xiamen Rizheng	Streamline touch stylus kits new RZ-BPTS39N	7mm	6.8mm	53.1mm	?	x	?	7mm	6.8mm	53.1mm	?	x	?
Xiamen Rizheng	Streamline pen kits threaded RZ-BPTH39	7mm	6.8mm	53.1mm	?	x	?	7mm	6.8mm	53.1mm	?	x	?
Xiamen Rizheng	Stylish necklace pen kits RZ-BP201	11mm	10.6mm	35.5mm	?	?	?	8mm	7.8mm	52.1mm	?	?	?
Xiamen Rizheng	Super disc touch pen kits RZ-BPTS316	7mm	6.8mm	37.1mm	?	x	?	7mm	6.8mm	54.1mm	?	x	?
Xiamen Rizheng	Sword click pen kits RZ-BPCL343	9mm	8.5mm	68.5mm	?	?	?	8.7mm or 11/32	8.5mm	30.5mm	?	?	?
Xiamen Rizheng	Tactical ball pen kits RZ-BP340	Metal Cap	x	x	x	x	x	9.2mm	9mm	38mm	?	?	?
Xiamen Rizheng	Tactical twist pen kits outdoor RZ-BP292	13.2mm	13mm	52.3mm	?	?	?	10.3mm or 13/32	10mm	52.1mm	?	?	?
Xiamen Rizheng	Tambourine bullet bp pen kits RZ-BP214	10.5mm	10.3mm	64mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Teacher pen kits RZ-BP22	7mm	6.8mm	(2) 22.4mm	?	?	?	7mm	6.8mm	55mm	?	?	?
Xiamen Rizheng	Tobacco pipe tool kits RZ-PK534	5.2mm	5mm	63mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Tobacco sampler kit RZ-PK508	7mm	6.8mm	51.7mm	?	x	?	x	x	x	x	x	x
Xiamen Rizheng	Tool box pencil kit RZ-PCL73	11mm	10.8mm	45.1mm	?	?	?	11mm	10.8mm	45.1mm	?	?	?
Xiamen Rizheng	Tooth brush handle kit RZ-PK170	7mm	6.8mm	89mm	?	x	?	Brush	x	x	x	x	x
Xiamen Rizheng	Touch stylus kits with fancy clip RZ-PKTS3	?	?	?	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Touch stylus kits with clip RZ-PKTS5	?	?	?	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Touch stylus pen kits - LED flashlight RZ-BPTS198	12.5mm	12.3mm	61mm	?	?	?	Metal body	x	x	x	x	x
Xiamen Rizheng	Tuttle twist pen kits RZ-BP415	8mm	7.8mm	51.5mm	?	?	?	8mm	7.8mm	43.5mm	?	?	?
Xiamen Rizheng	USB drive pen kits - 4G RZ-BP187	7mm	6.8mm	30.5mm	?	x	?	17.5mm or 11/16	17.2mm	38mm	?	?	?
Xiamen Rizheng	USB stick holder kit RZ-PK532	21.3mm	21.1mm	30mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Vegetable and fruit peeler kits RZ-PK226	12.5mm	12.3mm	?	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Victorian pen kits RZ-BP307	9.5mm or 3/8	9.3mm	46.5mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	War chariot click pen kits RZ-BPCL305	Metal Cap	x	x	x	x	x	9mm	8.8mm	53mm	?	?	?



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

Xiamen Rizheng Kit Bushing and Tube Refs.

Metric Units **Revised 10-5-2022**

Please report any additions, corrections, requests or suggestions to:

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 Metric Units.

Averaged Bushing Diameter Size was used to determine Category Size:

Slim = (7.65 - 10.16) mm Dia.
Medium = (10.19 - 12.70) mm Dia.
Large = (12.73 - 15.24) mm Dia.
Extra Large = (15.27 - 17.78) mm Dia.



Some Kits May Require Modifying Replacement Tube Lengths.



Kit Style 0 are Misc. Kit Styles

Typical Mandrel Dia. Sizes
A - 6.27 mm Dia. B - 7.39 mm Dia.
Size Determined by Supplier



Kit Supplier	Kit Description	Category & Size	Kit Style	Replacement Tubes	Bushing Set
Xiamen Rizheng	Warrior click pen kits RZ-BPCL132	?	1	RZ-BT132	RZ-BPCL132#-BU
Xiamen Rizheng	Woodworker pen kits RZ-BP481	?	1	RZ-BT481	RZ-BP273#-BU
Xiamen Rizheng	Woodworker Jr. Gentlemens kits RZ-BP54	?	2	?	RZ-BP54#-BU
Xiamen Rizheng	Xiangyun lever action pen kits RZ-BP191	?	2	RZ-BT191	RZ-BP191#-BU

Averaged Bushing Diameter Size was used to determine Category Sizing:

Slim = (7.65 - 10.16) mm Dia. Medium = (10.19 - 12.70) mm Dia. Large = (12.73 - 15.24) mm Dia. Extra Large = (15.27 - 17.78) mm Dia.



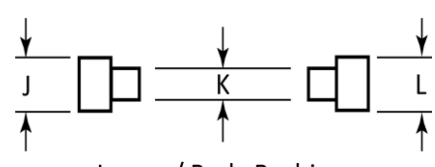
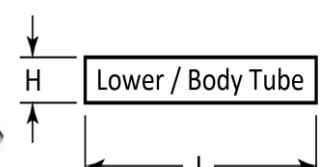
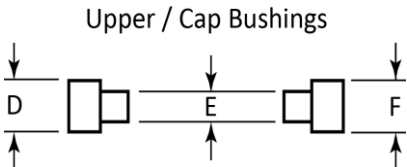
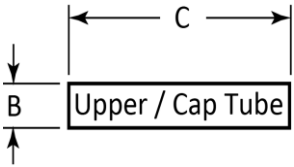
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*Note: All data was compiled from suppliers
published kit, tube and bushing information.*

Tolerances for All Metric Measurements:
1 Place Dims +/- .3 & 2 Place Dims +/- .13

**Use this Chart with Discretion. Manufacturers Change dimensions
of parts on Occasion. It Should Only be Used as a Reference Guide.**



Kit Supplier	Kit Description	Upper / Cap Tube			Upper / Cap Bushings			Lower / Body Tube			Lower / Body Bushings		
		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.
Xiamen Rizheng	Warrior click pen kits RZ-BPCL132	9.5mm or 3/8	9.3mm	62.2mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Woodworker pen kits RZ-BP481	10mm or 25/64	9.8mm	48.6mm	?	?	?	x	x	x	x	x	x
Xiamen Rizheng	Woodworker Jr. Gentlemens kits RZ-BP54	12.3mm or 31/64	?	?	?	?	?	10mm or 25/64	9.8mm	?	?	?	?
Xiamen Rizheng	Xiangyun lever action pen kits RZ-BP191	Metal Cap	x	x	x	x	x	10mm or 25/64	9.8mm	46.6mm	?	?	?

Averaged Bushing Diameter Size was used to determine Category Sizing:
Slim = (7.65 - 10.16) mm Dia. Medium = (10.19 - 12.70) mm Dia. Large = (12.73 - 15.24) mm Dia. Extra Large = (15.27 - 17.78) mm Dia.