



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

Packard Woodworks Kit Bushing & Tube Refs.
Imperial English Units Revised 7-2-2023
 Please report any additions, corrections, suggestions to:
 Wayne Racinowski - IAP Library Manager
 libman (at) penturners (dot) org

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

Dimensions are based on Imperial English.
Averaged Bushing Diameter Size
 was used to determine Category Sizing:
 Slim = (.301 - .400) Dia.
 Medium = (.401 - .500) Dia.
 Large = (.501 - .600) Dia.
 Extra Large = (.601 - .700) Dia.



Kit Style 0 are Misc. Kit

Some Kits May Require
 Modifying Replacement
 Tube Lengths.



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



Kit Supplier	Kit Description	Category & Size	Kit Style	Replacement Tubes	Bushing Set
Packard Woodworks	American Patriot Twist BP (PSI)	Ornate Medium Sized BP Pens	2	TUBE-38 (10 inch)	153066BU
Packard Woodworks	Bolt Action 30 Caliber BP - Deer Hunter (PSI)	Ornate Medium Sized Single Tube Bullet BP Pens	1	TUBE-38 (10 inch)	153086B
Packard Woodworks	Bolt Action 30 Caliber BP (PSI)	Medium Sized Single Tube Bullet BP Pens	1	TUBE-38 (10 inch)	153086B
Packard Woodworks	Bolt Action BP - Steampunk (PSI)	Ornate Large Sized Single Tube Bullet BP Pens	1	TUBE-38 (10 inch)	153079BU
Packard Woodworks	Bracelet Assistant Helper (PSI)	Slim Sized Single Tube Specialty Items	0	TUBE-7 (10 inch)	152938B
Packard Woodworks	Bullet Cartridge Click 30 Caliber BP & Pencil (PSI)	Medium Sized Single Tube Bullet BP & Pencils	2	TUBE-8 (10 inch)	152986B
Packard Woodworks	Bullet Cartridge Machine Gun Twist 50 Cal BP - Cross Refill (PSI)	Large Sized Single Tube Bullet BP Pens	2	TUBE-7 (10 inch)	152985B
Packard Woodworks	Bullet Cartridge Twist 30 Caliber BP (PSI)	Medium Sized Single Tube Bullet BP Pens	2	TUBE-38 (10 inch)	153086B
Packard Woodworks	Bullet Shell Over Under Shotgun Screw Cap RB or FP (PSI)	Extra Large Bullet Style RB or FP Pens	3	(PSI) PKCP6000TU	153009B
Packard Woodworks	Bullet Twist BP - Mini (PSI)	Extra Large Sized BP Pens	2	TUBE-7 (10 inch)	152919B
Packard Woodworks	Celtic Twist BP (PSI)	Ornate Large Sized Single Tube BP Pens	1	TUBE-38 (10 inch)	153090B
Packard Woodworks	Cigar Twist BP (PSI)	Large Sized BP Pens	2	TUBE-10 (10 inch)	154919B
Packard Woodworks	Cigar Twist Pencil (PSI)	Large Sized Pencils	2	TUBE-10 (10 inch)	154928B
Packard Woodworks	Civil War Bullet Twist BP (PSI)	Large Sized Single Tube Bullet BP Pens	1	TUBE-38 (10 inch)	153015B
Packard Woodworks	Classic Screw Cap RB or FP (PSI)	Medium Sized RB or FP Pens	3	TUBE-10 (10 inch)	154919B
Packard Woodworks	Classic Twist .7mm Pencil (PSI)	Medium Sized Pencils	2	TUBE-8 (10 inch)	154968B
Packard Woodworks	Comfort Click Pencil - Funline (PSI)	Medium Sized Pencils	2	154900	152930B
Packard Woodworks	Comfort Twist BP - Funline (PSI)	Medium Sized BP Pens	2	154900	152930B



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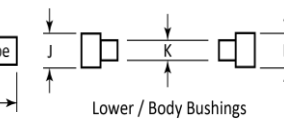
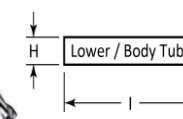
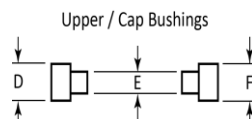
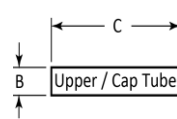
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ALWAYS MEASURE AND RELY ON THE KIT PARTS FOR ACCURACY.



Kit Supplier	Kit Description	Upper Body Tubes			Upper Body			Lower Body Tubes			Lower Body		
		A Drill Dia.	B Dia.	C Length	D Dia.	E Dia.	F Dia.	G Drill Dia.	H Dia.	I Length	J Dia.	K Dia.	L Dia.
Packard Woodworks	American Patriot Twist BP (PSI)	3/8 or 9.5mm	0.368	1.26	0.480	0.345	0.480	3/8 or 9.5mm	0.368	1.63	0.480	0.345	0.480
Packard Woodworks	Bolt Action 30 Caliber BP - Deer Hunter (PSI)	3/8 or 9.5mm	0.368	1.97	0.466	0.345	0.466	Cartridge Like Bullet Like	x	x	x	x	x
Packard Woodworks	Bolt Action 30 Caliber BP (PSI)	3/8 or 9.5mm	0.368	1.97	0.466	0.345	0.466	Cartridge Like Bullet Like	x	x	x	x	x
Packard Woodworks	Bolt Action BP - Steampunk (PSI)	3/8 or 9.5mm	0.368	1.85	0.550	0.345	0.550	Metal Nib	x	x	x	x	x
Packard Woodworks	Bracelet Assistant Helper (PSI)	7mm or J	0.268	2.03	0.440	x	0.490	7mm or J	0.268	2.03	0.490	x	0.440
Packard Woodworks	Bullet Cartridge Click 30 Caliber BP & Pencil (PSI)	8mm or O	0.311	2.03	0.466	0.286	0.466	Cartridge Like Bullet Like	x	x	x	x	x
Packard Woodworks	Bullet Cartridge Machine Gun Twist 50 Cal BP - Cross Refill (PSI)	Real Cartridge Metal Nib	x	x	x	x	x	7mm or J	0.268	2.50	0.572	x	0.370
Packard Woodworks	Bullet Cartridge Twist 30 Caliber BP (PSI)	3/8 or 9.5mm	0.368	1.97	0.466	0.345	0.466	Cartridge Like Bullet Like	x	x	x	x	x
Packard Woodworks	Bullet Shell Over Under Shotgun Screw Cap RB or FP (PSI)	9/16 or 14.3mm	0.548	1.86	0.625	0.535	0.625	12.5mm or 0.492	0.483	2.06	0.541	0.460	0.541
Packard Woodworks	Bullet Twist BP - Mini (PSI)	7mm or J	0.268	2.03	0.360	x	0.625	7mm or J	0.268	1.19	0.625	x	0.342
Packard Woodworks	Celtic Twist BP (PSI)	3/8 or 9.5mm	0.368	3.00	0.525	0.345	0.525	x	x	x	x	x	x
Packard Woodworks	Cigar Twist BP (PSI)	10mm or 25/64	0.385	1.94	0.475	0.357	0.575	10mm or 25/64	0.385	2.06	0.530	0.357	0.459
Packard Woodworks	Cigar Twist Pencil (PSI)	10mm or 25/64	0.385	1.91	0.475	0.357	0.575	10mm or 25/64	0.385	2.09	0.530	0.357	0.459
Packard Woodworks	Civil War Bullet Twist BP (PSI)	3/8 or 9.5mm	0.368	2.88	0.586	0.345	0.485	x	x	x	x	x	x
Packard Woodworks	Classic Screw Cap RB or FP (PSI)	10mm or 25/64	0.385	1.63	0.495	0.357	0.495	10mm or 25/64	0.385	2.00	0.443	0.357	0.443
Packard Woodworks	Classic Twist .7mm Pencil (PSI)	8mm or O	0.311	2.00	0.495	0.286	0.495	8mm or O	0.311	2.00	0.400	0.286	0.400
Packard Woodworks	Comfort Click Pencil - Funline (PSI)	7mm or J	0.268	2.03	0.420	x	0.420	7mm or J	0.268	2.03	0.420	x	0.331
Packard Woodworks	Comfort Twist BP - Funline (PSI)	7mm or J	0.268	2.03	0.420	x	0.420	7mm or J	0.268	2.03	0.420	x	0.331



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Packard Woodworks	Comfort Twist BP or Click Pencil (PSI)	Medium Sized BP Pens and Pencils	2	154900	152930B
Packard Woodworks	Crochet Hook Set - Interchangeable (PSI)	Medium Sized Single Tube Specialty Items	0	TUBE-8 (10 inch)	153041B
Packard Woodworks	Designer Twist BP - Funline (PSI)	Large Sized BP Pens	2	154900DT	154906B and 154906SL
Packard Woodworks	Designer Twist BP (PSI)	Large Sized BP Pens	2	154900DT	154906B and 154906SL
Packard Woodworks	Designer Twist Pencil (PSI)	Large Sized Pencils	2	TUBE-8 (10 inch)	154914B
Packard Woodworks	Executive Twist BP and Pencil .7mm (PSI)	Medium Sized Single Tube BP Pens and Pencils	1	TUBE-38 (10 inch)	154977B
Packard Woodworks	Faith Hope Love Twist BP (PSI)	Ornate Large Sized BP Pens	2	TUBE-38 (10 inch)	153063BU
Packard Woodworks	Game Call - Duck Magnum (???)	Extra Large No Tube Misc. Items	0	x	152964B
Packard Woodworks	Game Call - Predator (???)	Extra Large No Tube Misc. Items	0	x	152964B
Packard Woodworks	Gatsby Twist BP - Sierra Styled (PSI)	Medium Sized Single Tube BP Pens	1	x	152984BU
Packard Woodworks	Gearshift BP (PSI)	Ornate Medium Sized Single Tube BP Pens	1	TUBE-38 (10 inch)	153070B
Packard Woodworks	Gemini Click BP (PSI)	Medium Sized Single Tube BP Pens	1	TUBE-38 (10 inch)	152901B
Packard Woodworks	Gemini Click Pencil .7mm (PSI)	Medium Sized Single Tube Pencils	1	TUBE-38 (10 inch)	152901B
Packard Woodworks	Graduate Magnetic RB or FP (PSI)	Large Sized RB or FP Pens	3	x	153067B
Packard Woodworks	Key Ring - Mini BP (PSI)	Slim Sized BP Pens	2	TUBE-7 (10 inch)	150128
Packard Woodworks	Key Ring - Secret Compartment & Whistle (PSI)	Medium Sized Single Tube Misc. Items	0	TUBE-10 (10 inch)	154960B
Packard Woodworks	Key Ring - Secret Compartment Pill Box (PSI)	Extra Large Sized Single Tube Misc. Items	0	x	154955B
Packard Woodworks	Key Ring (PSI)	Slim Sized Single Tube Misc. Items	0	TUBE-7 (10 inch)	150128



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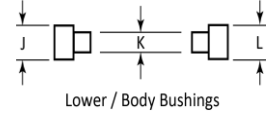
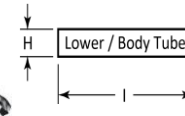
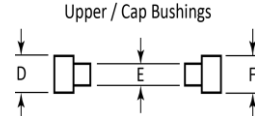
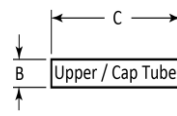
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Packard Woodworks	Comfort Twist BP or Click Pencil (PSI)	7mm or J	0.268	2.03	0.420	x	0.420	7mm or J	0.268	2.03	0.420	x	0.331
Packard Woodworks	Crochet Hook Set - Interchangeable (PSI)	8mm or O	0.311	3.15	0.430	0.286	0.375	Sewing	x	x	x	x	x
Packard Woodworks	Designer Twist BP - Funline (PSI)	7mm or J	0.268	2.13	0.407	x	0.522	7mm or J	0.268	2.38	0.420	x	0.357
Packard Woodworks	Designer Twist BP (PSI)	7mm or J	0.268	2.13	0.407	x	0.522	7mm or J	0.268	2.38	0.420	x	0.357
Packard Woodworks	Designer Twist Pencil (PSI)	8mm or O	0.311	2.09	0.400	0.286	0.522	8mm or O	0.311	2.36	0.400	0.286	0.358
Packard Woodworks	Executive Twist BP and Pencil .7mm (PSI)	3/8 or 9.5mm	0.368	2.88	0.420	0.345	0.420	x	x	x	x	x	x
Packard Woodworks	Faith Hope Love Twist BP (PSI)	8mm or O	0.311	1.75	0.550	0.286	0.500	8mm or O	0.311	2.13	0.500	0.286	0.430
Packard Woodworks	Game Call - Duck Magnum (???)	5/8 or 16mm	x	4.00	1.000	0.375	1.000	x	x	x	x	x	x
Packard Woodworks	Game Call - Predator (???)	39/64 or 15.5mm	x	3.50	1.000	0.500	1.000	x	x	x	x	x	x
Packard Woodworks	Gatsby Twist BP - Sierra Styled (PSI)	27/64 or 10.7mm	0.410	2.22	0.474	0.381	0.474	x	x	x	x	x	x
Packard Woodworks	Gearshift BP (PSI)	Metal Cap	x	x	x	x	x	3/8 or 9.5mm	0.368	2.22	0.495	0.345	0.495
Packard Woodworks	Gemini Click BP (PSI)	3/8 or 9.5mm	0.368	2.81	0.475	0.345	0.475	x	x	x	x	x	x
Packard Woodworks	Gemini Click Pencil .7mm (PSI)	3/8 or 9.5mm	0.368	2.81	0.475	0.345	0.475	x	x	x	x	x	x
Packard Woodworks	Graduate Magnetic RB or FP (PSI)	12.5mm or 0.492	0.483	1.69	0.551	0.460	0.575	10.5mm or Z	0.400	3.00	0.516	0.376	0.516
Packard Woodworks	Key Ring - Mini BP (PSI)	7mm or J	0.268	1.25	0.331	x	0.331	7mm or J	0.268	1.25	0.331	x	0.331
Packard Woodworks	Key Ring - Secret Compartment & Whistle (PSI)	10mm or 25/64	0.385	2.42	0.450	0.357	0.450	x	x	x	x	x	x
Packard Woodworks	Key Ring - Secret Compartment Pill Box (PSI)	9/16 or 14.3mm	0.548	1.69	0.625	0.535	0.625	x	x	x	x	x	x
Packard Woodworks	Key Ring (PSI)	7mm or J	0.268	2.03	0.331	x	0.331	x	x	x	x	x	x



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Packard Woodworks	Kitchenware - Bottle Cap Opener (Ruth Niles Styles)	Extra Large No Tubes or Bushings Misc. Items	0	x	Niles Stopper Mandrel 3/8-16 Tap 152205
Packard Woodworks	Kitchenware - Bottle Opener (???)	Extra Large Size Single Tube Misc. Items	0	TUBE-7 (10 inch)	153050B
Packard Woodworks	Kitchenware - Bottle Openers with Handle (???)	Medium Sized Single Tube Misc. Items	0	x	153050B
Packard Woodworks	Kitchenware - Bottle Stoppers - Gear Shift (PSI)	Extra Large Sized Single Tube Misc. Items	0	x	152983B
Packard Woodworks	Kitchenware - Bottle Stoppers - SS Perfect Seal (???)	Extra Large No Tubes or Bushings Misc. Items	0	x	Niles Stopper Mandrel 3/8-16 Tap 152205
Packard Woodworks	Kitchenware - Bottle Stoppers Cone - SS (Ruth Niles)	Extra Large No Tubes or Bushings Misc. Items	0	x	Niles Stopper Mandrel 3/8-16 Tap 152205
Packard Woodworks	Kitchenware - Bottle Stoppers Cone - Vintage (???)	Extra Large No Tubes or Bushings Misc. Items	0	x	Niles Stopper Mandrel 3/8-16 Tap 152205
Packard Woodworks	Kitchenware - Bottle Stoppers Cone (???)	Extra Large No Tubes or Bushings Misc. Items	0	x	Niles Stopper Mandrel 3/8-16 Tap 152205
Packard Woodworks	Kitchenware - Cork Stopper SS (Ruth Niles Styles)	Extra Large No Tubes or Bushings Misc. Items	0	x	Niles Stopper Mandrel 3/8-16 Tap 152205
Packard Woodworks	Kitchenware - Measuring Spoon Set (PSI)	Medium Sized Single Tube Misc. Items	0	TUBE-7 (10 inch)	153074B
Packard Woodworks	Letter Opener - Sculptured (PSI)	Medium Sized Single Tube Letter Openers	0	TUBE-8 (10 inch)	152910B
Packard Woodworks	Light Pull (PSI)	Slim Sized Single Tube Misc. Items	0	TUBE-7 (10 inch)	150128
Packard Woodworks	Longwood Click BP (PSI)	Medium Sized BP Pens	2	TUBE-7 (10 inch)	154950B
Packard Woodworks	Longwood Click Pencil (PSI)	Medium Sized Pencils	2	TUBE-7 (10 inch)	154950B
Packard Woodworks	Majestic Jr Screw Cap RB or FP (PSI)	Large Sized RB or FP Pens	3	(PSI) PKT125-6 & PKT105-6	153076B
Packard Woodworks	Majestic Squire Twist BP - Sierra Styled (PSI)	Medium Sized Single Tube BP Pens	1	TUBE-38 (10 inch)	153070B
Packard Woodworks	Needle Threader Assistant - Double (PSI)	Medium Sized Single Tube Specialty Items	0	TUBE-8 (10 inch)	153041B
Packard Woodworks	Perfume Applicator Pen (PSI)	Slim Sized Specialty Items	0	x	154903B



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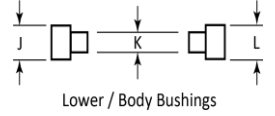
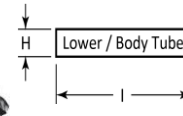
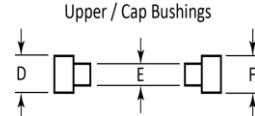
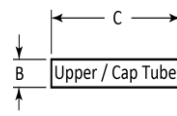
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Packard Woodworks	Kitchenware - Bottle Cap Opener (Ruth Niles Styles)	Metal Opener	x	x	x	x	x	5/16 or 11/32	1.50	4.50 to 5.00	0.875	x	x
Packard Woodworks	Kitchenware - Bottle Opener (???)	Metal Opener	x	x	x	x	x	7mm or J	0.268	?	0.400	x	0.400
Packard Woodworks	Kitchenware - Bottle Openers with Handle (???)	7mm or J	x	2.75	0.400	x	0.400	x	x	x	x	x	x
Packard Woodworks	Kitchenware - Bottle Stoppers - Gear Shift (PSI)	7mm or J	0.268	1.38	0.875	x	0.620	Stopper	x	x	x	x	x
Packard Woodworks	Kitchenware - Bottle Stoppers - SS Perfect Seal (???)	11/32 or 8.8mm	x	0.75	x	x	x	Stopper	x	x	x	x	x
Packard Woodworks	Kitchenware - Bottle Stoppers Cone - SS (Ruth Niles)	11/32 or 8.8mm	x	0.75	x	x	x	Stopper	x	x	x	x	x
Packard Woodworks	Kitchenware - Bottle Stoppers Cone - Vintage (???)	11/32 or 8.8mm	x	0.75	x	x	x	Stopper	x	x	x	x	x
Packard Woodworks	Kitchenware - Bottle Stoppers Cone (???)	11/32 or 8.8mm	x	0.75	x	x	x	Stopper	x	x	x	x	x
Packard Woodworks	Kitchenware - Cork Stopper SS (Ruth Niles Styles)	11/32 or 8.8mm	x	0.75	x	x	x	Stopper	x	x	x	x	x
Packard Woodworks	Kitchenware - Measuring Spoon Set (PSI)	Metal Spoon	x	x	x	x	x	7mm or J	0.268	3.23	0.460	x	0.440
Packard Woodworks	Letter Opener - Sculptured (PSI)	8mm or O	0.311	2.75	0.480	0.286	0.480	Opener Blade	x	x	x	x	x
Packard Woodworks	Light Pull (PSI)	7mm or J	0.268	2.75	0.331	x	0.331	x	x	x	x	x	x
Packard Woodworks	Longwood Click BP (PSI)	7mm or J	0.268	3.16	0.420	x	0.420	7mm or J	0.268	1.00	0.420	x	0.331
Packard Woodworks	Longwood Click Pencil (PSI)	7mm or J	0.268	3.16	0.420	x	0.420	7mm or J	0.268	1.00	0.420	x	0.331
Packard Woodworks	Majestic Jr Screw Cap RB or FP (PSI)	12.5mm or 0.492	0.483	1.88	0.551	0.460	0.575	10.5mm or Z	0.400	2.03	0.516	0.376	0.516
Packard Woodworks	Majestic Squire Twist BP - Sierra Styled (PSI)	3/8 or 9.5mm	0.368	2.00	0.495	0.345	0.495	x	x	x	x	x	x
Packard Woodworks	Needle Threader Assistant - Double (PSI)	8mm or O	0.311	3.13	0.430	0.286	0.430	Sewing	x	x	x	x	x
Packard Woodworks	Perfume Applicator Pen (PSI)	5/16 or 8mm	0.301	0.97	0.389	0.274	0.389	5/16 or 8mm	0.301	2.91	0.389	0.274	0.389



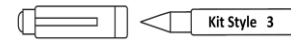
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Packard Woodworks Kit Bushing & Tube Refs.
Imperial English Units Revised 7-2-2023
Please report any additions, corrections, suggestions to:
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libman (at) penturners (dot) org

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Kit Style 0 are Misc. Kit

Some Kits May Require
 Modifying Replacement
 Tube Lengths.



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



Kit Supplier	Kit Description	Category & Size	Kit Style	Replacement Tubes	Bushing Set
Packard Woodworks	Perfume Atomizer - Table Top or Purse Style (PSI)	Extra Large Sized Specialty Items	0	x	154911B
Packard Woodworks	Polaris Click BP - Atlas Styled (PSI)	Medium Sized Single Tube BP Pens	1	TUBE-38 (10 inch)	154915B
Packard Woodworks	Polaris Twist BP & Pencil .7mm - Atlas Styled (PSI)	Medium Sized Single Tube BP Pens and Pencils	1	TUBE-38 (10 inch)	154915B
Packard Woodworks	Power Click BP and Pencil 2mm (PSI)	Medium Sized BP Pens and Pencils	2	TUBE-8 (10 inch)	154948B
Packard Woodworks	Razor - Mach 3 Cartridges - Standard (PSI)	Medium Sized Single Tube Shaving Accessories	0	TUBE-7 (10 inch)	153050B
Packard Woodworks	Razor - Safety - Speed Dial (PSI)	Large Sized Single Tube Shaving Accessories	0	TUBE-10 (10 inch)	153057B
Packard Woodworks	Razor - Safety (PSI)	Medium Sized Single Tube Shaving Accessories	0	TUBE-7 (10 inch)	153050B
Packard Woodworks	Razor & Brush Stand - Deluxe (???)	Large Sized Single Tube Shaving Accessories	0	TUBE-7 (10 inch)	153052B
Packard Woodworks	Razor & Brush Stand - Deluxe (PSI)	Large Sized Single Tube Shaving Accessories	0	TUBE-7 (10 inch)	153052B
Packard Woodworks	Razor & Brush Stand - Premium (PSI)	Large Sized Single Tube Shaving Accessories	0	TUBE-7 (10 inch)	153052B
Packard Woodworks	Sculptured Twist BP - Arbor (PSI)	Ornate Medium Sized BP Pens	2	TUBE-8 (10 inch)	152910B
Packard Woodworks	Sculptured Twist BP - Floral (PSI)	Ornate Medium Sized BP Pens	2	TUBE-8 (10 inch)	152910B
Packard Woodworks	Sculptured Twist BP - Lattice (PSI)	Ornate Medium Sized BP Pens	2	TUBE-8 (10 inch)	152910B
Packard Woodworks	Sculptured Twist BP - Midnight (PSI)	Ornate Medium Sized BP Pens	2	TUBE-8 (10 inch)	152910B
Packard Woodworks	Sculptured Twist BP (PSI)	Ornate Medium Sized BP Pens	2	TUBE-8 (10 inch)	152910B
Packard Woodworks	Seam Ripper - Dual Blade or 2 in 1 Large Blade (PSI)	Medium Sized Single Tube Specialty Items	0	TUBE-8 (10 inch)	153041B
Packard Woodworks	Seam Ripper - Necklace Small Blade (PSI)	Medium Sized Single Tube Specialty Items	0	TUBE-8 (10 inch)	153041B
Packard Woodworks	Seam Ripper - Single Blade or Stiletto (PSI)	Medium Sized Single Tube Specialty Items	0	TUBE-8 (10 inch)	153041B



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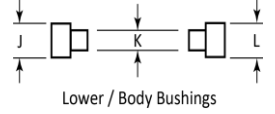
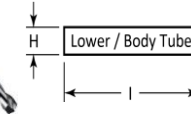
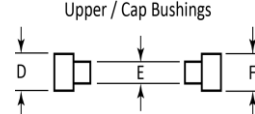
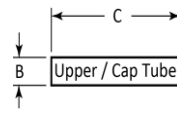
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Kit Supplier	Kit Description	Upper Body Tubes			Upper Body			Lower Body Tubes			Lower Body		
		A Drill Dia.	B Dia.	C Length	D Dia.	E Dia.	F Dia.	G Drill Dia.	H Dia.	I Length	J Dia.	K Dia.	L Dia.
Packard Woodworks	Perfume Atomizer - Table Top or Purse Style (PSI)	19/32 or 15mm	0.580	1.25	0.656	0.561	0.656	19/32 or 15mm	0.580	1.69	0.656	0.561	0.656
Packard Woodworks	Polaris Click BP - Atlas Styled (PSI)	3/8 or 9.5mm	0.368	2.84	0.495	0.345	0.450	x	x	x	x	x	x
Packard Woodworks	Polaris Twist BP & Pencil .7mm - Atlas Styled (PSI)	3/8 or 9.5mm	0.368	2.84	0.495	0.345	0.450	x	x	x	x	x	x
Packard Woodworks	Power Click BP and Pencil 2mm (PSI)	8mm or O	0.311	1.88	0.430	0.286	0.430	8mm or O	0.311	1.88	0.430	0.286	0.373
Packard Woodworks	Razor - Mach 3 Cartridges - Standard (PSI)	7mm or J	0.268	3.00	0.400	x	0.400	Razor Head	x	x	x	x	x
Packard Woodworks	Razor - Safety - Speed Dial (PSI)	10mm or 25/64	0.385	3.00	0.550	0.357	0.550	Razor Head	x	x	x	x	x
Packard Woodworks	Razor - Safety (PSI)	7mm or J	0.268	3.00	0.400	x	0.400	Razor Head	x	x	x	x	x
Packard Woodworks	Razor & Brush Stand - Deluxe (???)	7mm or J	0.268	3.25	0.530	x	0.530	Razor Stand	x	x	x	x	x
Packard Woodworks	Razor & Brush Stand - Deluxe (PSI)	7mm or J	0.268	3.25	0.530	x	0.530	Razor Stand	x	x	x	x	x
Packard Woodworks	Razor & Brush Stand - Premium (PSI)	7mm or J	0.268	3.25	0.530	x	0.530	Razor Stand	x	x	x	x	x
Packard Woodworks	Sculptured Twist BP - Arbor (PSI)	8mm or O	0.311	2.00	0.480	0.286	0.480	8mm or O	0.311	2.00	0.393	0.286	0.393
Packard Woodworks	Sculptured Twist BP - Floral (PSI)	8mm or O	0.311	2.00	0.480	0.286	0.480	8mm or O	0.311	2.00	0.393	0.286	0.393
Packard Woodworks	Sculptured Twist BP - Lattice (PSI)	8mm or O	0.311	2.00	0.480	0.286	0.480	8mm or O	0.311	2.00	0.393	0.286	0.393
Packard Woodworks	Sculptured Twist BP - Midnight (PSI)	8mm or O	0.311	2.00	0.480	0.286	0.480	8mm or O	0.311	2.00	0.393	0.286	0.393
Packard Woodworks	Sculptured Twist BP (PSI)	8mm or O	0.311	2.00	0.480	0.286	0.480	8mm or O	0.311	2.00	0.393	0.286	0.393
Packard Woodworks	Seam Ripper - Dual Blade or 2 in 1 Large Blade (PSI)	8mm or O	0.311	3.13	0.430	0.286	0.430	Sewing	x	x	x	x	x
Packard Woodworks	Seam Ripper - Necklace Small Blade (PSI)	8mm or O	0.311	2.25	0.375	0.286	0.430	Sewing	x	x	x	x	x
Packard Woodworks	Seam Ripper - Single Blade or Stiletto (PSI)	8mm or O	0.311	3.13	0.375	0.286	0.430	Sewing	x	x	x	x	x



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Kit Style 0 are Misc. Kit

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 Modifying Replacement
 Tube Lengths.



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



Kit Supplier	Kit Description	Category & Size	Kit Style	Replacement Tubes	Bushing Set
Packard Woodworks	Segmented Twist BP (PSI)	Medium Sized BP Pens	2	TUBE-7 (10 inch)	152957B
Packard Woodworks	Sketch 5.6mm Click Pencil - Workshop (PSI)	Large Sized Workshop Pencils	2	x	153008B
Packard Woodworks	Slimline Click Pencil (PSI)	Slim Sized Pencils	2	154900	150128
Packard Woodworks	Slimline Pro Gelwriter Click BP and Pencil .7mm (PSI)	Medium Sized BP Pens and Pencils	2	TUBE-8 (10 inch)	152908B
Packard Woodworks	Slimline Twist BP - Funline (PSI)	Slim Sized BP Pens	2	154900	150128
Packard Woodworks	Slimline Twist BP (PSI)	Slim Sized BP Pens	2	154900	150128
Packard Woodworks	Slimline Twist Pencil - Funline (PSI)	Slim Sized Pencils	2	154900	150128
Packard Woodworks	Southwest Mesa Twist BP (PSI)	Ornate Medium Sized Single Tube BP Pens	1	TUBE-38 (10 inch)	153096B
Packard Woodworks	Stylus - Key Chain BP (PSI)	Large Sized Single Tube BP Pens with Stylus	3	TUBE-7 (10 inch)	152979B
Packard Woodworks	Stylus - Touch (PSI)	Slim Sized Single Tube Stylus Items	0	TUBE-7 (10 inch)	150128
Packard Woodworks	Stylus - Touch Tablet Twist BP (PSI)	Slim Sized BP Pens with Stylus	2	TUBE-7 (10 inch)	150128
Packard Woodworks	Teachers Twist BP (PSI)	Slim Sized Specialty Style BP Pens	0	TUBE-7 (10 inch)	150128
Packard Woodworks	Tools - Ratcheting Screwdriver - 7 in 1 (PSI)	Extra Large No Tubes or Bushings Misc. Items	0	x	x
Packard Woodworks	Tools - Telescoping Magnetic Pickup Tool (PSI)	Medium Sized Specialty Items	0	TUBE-10 (10 inch)	153013B
Packard Woodworks	Toys & Games - Kaleidoscope - Eggoscope (PSI)	Extra Large Sized Single Tube Specialty Items	0	x	154989B
Packard Woodworks	Toys & Games - Kaleidoscope - Wand (PSI)	Extra Large Sized Single Tube Specialty Items	0	x	154989B
Packard Woodworks	Toys & Games - Spinning Top - Ball Bearing (PSI)	Large Sized Specialty Items	0	TUBE-10 (10 inch)	154960B
Packard Woodworks	Toys & Games - Yo-Yo - Ball Bearing (PSI)	Large Sized Specialty Items	0	TUBE-10 (10 inch)	154960B



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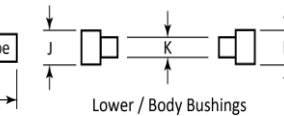
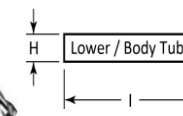
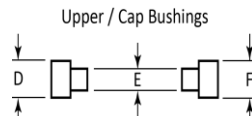
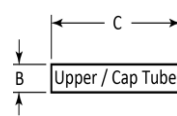
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Kit Supplier	Kit Description	Upper Body Tubes			Upper Body			Lower Body Tubes			Lower Body		
		A Drill Dia.	B Dia.	C Length	D Dia.	E Dia.	F Dia.	G Drill Dia.	H Dia.	I Length	J Dia.	K Dia.	L Dia.
Packard Woodworks	Segmented Twist BP (PSI)	7mm or J	0.268	(2) 0.97	0.410	x	0.460	7mm or J	0.268	1.56	0.460	x	0.410
Packard Woodworks	Sketch 5.6mm Click Pencil - Workshop (PSI)	7/16 or 11.2mm	0.415	1.78	0.512	0.389	0.512	7/16 or 11.2mm	0.415	1.78	0.512	0.389	0.512
Packard Woodworks	Slimline Click Pencil (PSI)	7mm or J	0.268	2.03	0.331	x	0.331	7mm or J	0.268	2.03	0.331	x	0.331
Packard Woodworks	Slimline Pro Gelwriter Click BP and Pencil .7mm (PSI)	8mm or O	0.311	2.03	0.425	0.286	0.425	8mm or O	0.311	2.03	0.425	0.286	0.425
Packard Woodworks	Slimline Twist BP - Funline (PSI)	7mm or J	0.268	2.03	0.331	x	0.331	7mm or J	0.268	2.03	0.331	x	0.331
Packard Woodworks	Slimline Twist BP (PSI)	7mm or J	0.268	2.03	0.331	x	0.331	7mm or J	0.268	2.03	0.331	x	0.331
Packard Woodworks	Slimline Twist Pencil - Funline (PSI)	7mm or J	0.268	2.03	0.331	x	0.331	7mm or J	0.268	2.03	0.331	x	0.331
Packard Woodworks	Southwest Mesa Twist BP (PSI)	3/8 or 9.5mm	0.368	3.20	0.445	0.345	0.445	x	x	x	x	x	x
Packard Woodworks	Stylus - Key Chain BP (PSI)	Metal Cap	x	x	x	x	x	7mm or J	0.268	1.75	0.380	x	0.510
Packard Woodworks	Stylus - Touch (PSI)	7mm or J	0.268	3.19	0.331	x	0.331	Stylus	x	x	x	x	x
Packard Woodworks	Stylus - Touch Tablet Twist BP (PSI)	7mm or J	0.268	1.91	0.331	x	0.331	7mm or J	0.268	1.91	0.331	x	0.331
Packard Woodworks	Teachers Twist BP (PSI)	7mm or J	0.268	2.19	0.331	x	0.331	7mm or J	0.268	(2) 0.81	0.331	x	0.331
Packard Woodworks	Tools - Ratcheting Screwdriver - 7 in 1 (PSI)	Metal Tool	x	x	x	x	x	7/16 & 3/4	x	5.00 to 6.00	x	x	x
Packard Woodworks	Tools - Telescoping Magnetic Pickup Tool (PSI)	10mm or 25/64	0.385	2.13	0.488	0.357	0.488	10mm or 25/64	0.385	2.13	0.488	0.357	0.488
Packard Woodworks	Toys & Games - Kaleidoscope - Eggoscope (PSI)	13/16 or 20.7mm	x	2.25	0.873	0.806	0.873	x	x	x	x	x	x
Packard Woodworks	Toys & Games - Kaleidoscope - Wand (PSI)	13/16 or 20.7mm	x	2.19	0.873	0.806	0.873	x	x	x	x	x	x
Packard Woodworks	Toys & Games - Spinning Top - Ball Bearing (PSI)	10mm or 25/64	0.385	1.50	0.450	0.357	0.450	Top	x	x	x	x	x
Packard Woodworks	Toys & Games - Yo-Yo - Ball Bearing (PSI)	10mm or 25/64	0.385	0.62	0.450	0.357	0.450	10mm or 25/64	0.385	0.62	0.450	0.357	0.450



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Kit Supplier	Kit Description	Category & Size	Kit Style	Replacement Tubes	Bushing Set
Packard Woodworks	Toys & Games - Yo-Yo - Ball Bearing (PSI)	Large Sized Specialty Items	0	TUBE-10 (10 inch)	154960B
Packard Woodworks	Traditional Screw Cap RB & FP (PSI)	Medium Sized RB or FP Pens	3	TUBE-10 (10 inch)	154960B
Packard Woodworks	Trimline Twist BP (PSI)	Medium Sized BP Pens	2	TUBE-7 (10 inch)	152976B
Packard Woodworks	Vertex Click BP (PSI)	Medium Sized Single Tube BP Pens	1	TUBE-38 (10 inch)	153060B
Packard Woodworks	Vertex Click Pencil (PSI)	Medium Sized Single Tube Pencils	1	TUBE-38 (10 inch)	153060B
Packard Woodworks	Vertex Supreme Magnetic Cap RB or FP (PSI)	Large Sized RB or FP Pens	3	x	153061B

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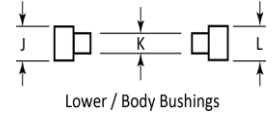
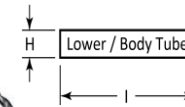
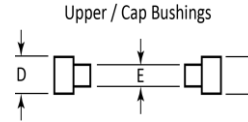
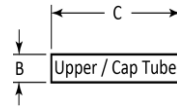
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		A Drill Dia.	B Dia.	C Length	D Dia.	E Dia.	F Dia.	G Drill Dia.	H Dia.	I Length	J Dia.	K Dia.	L Dia.
Packard Woodworks	Toys & Games - Yo-Yo - Ball Bearing (PSI)	10mm or 25/64	0.385	0.62	0.450	0.357	0.450	10mm or 25/64	0.385	0.62	0.450	0.357	0.450
Packard Woodworks	Traditional Screw Cap RB & FP (PSI)	10mm or 25/64	0.385	2.19	0.450	0.357	0.450	10mm or 25/64	0.385	2.19	0.450	0.357	0.450
Packard Woodworks	Trimline Twist BP (PSI)	7mm or J	0.268	2.09	0.347	x	0.440	7mm or J	0.268	2.09	0.440	x	0.331
Packard Woodworks	Vertex Click BP (PSI)	Metal Cap	x	x	x	x	x	3/8 or 9.5mm	0.368	2.91	0.433	0.345	0.433
Packard Woodworks	Vertex Click Pencil (PSI)	Metal Cap	x	x	x	x	x	3/8 or 9.5mm	0.368	2.91	0.433	0.345	0.433
Packard Woodworks	Vertex Supreme Magnetic Cap RB or FP (PSI)	12.5mm or 0.492	0.483	1.69	0.551	0.460	0.575	10.5mm or Z	0.400	2.63	0.516	0.376	0.516

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