

Tap / Die	Drill Size	Comments	Link
M4		Euro pen finial. Insert (in pen tube) is close to 8-32 thread.	
M4 x 0.70		Shaving razor head threads	
M4.5 x 0.5		LeGrand MontBlanc refill's threads	
M4.5 x 0.75	3.70MM (.1457") .005" over 9/64 (.1406")	Cross refill threads (plastic threads at top), inner cross transmission threads. Clearance drill size of 4.60MM (.1811") .0064" under 3/16 (.1875")	
M6.4 x 0.5	C	Schmidt Rollerball, Small FP feeds (Heritage #5, Rollerball Cartridge System (can chase Jr, Baron series)	http://www.indy-pen-dance.com/Nibs/
M6.4 x 0.6		Bock #5 feeds (small)	http://www.classicnib.com/feeds.html
M6.4 x 0.75		Jr Gent 2 feed holder (assembly/section) - measured, not tested	http://www.silverpenparts.com/pb/wp_dfdf98a0/wp_dfdf98a0.html
M6.5 x 0.5		Meister Nib new style #5 feed assembly, Schmidt roller ball conversion feed	http://www.silverpenparts.com/pb/wp_dfdf98a0/wp_dfdf98a0.html
M6.5 x 0.75		?? front end nib assembly	
M7.4 x 0.5	J (but, 6.9mm ~ = I)	Meister Nibs assembly #6	http://www.silverpenparts.com/pb/wp_dfdf98a0/wp_dfdf98a0.html
M7.8 x 0.8		Jr Gent 1 RB front section to body (was a note for M8 x 0.75 maybe?)	
M7.9 x 0.6		Bock #6 feeds (larger "6mm Bock feeds") - bock 250 feeds	http://www.classicnib.com/feeds.html
M8 x 0.5	O?	Cigar transmission	
M8 x 0.75	9/32 or L ?	Cigar nib threads, trim ring & finial; New Jr Gent ?	
M8.4 x 0.75	O	Large FP feeds (Heritage #6)	http://www.indy-pen-dance.com/Nibs/
M8.4 x 1	O or 8mm or 5/16 may work	Baron, Sedona, Navigator front-end assembly, Panache? Jr Gent 2? Maybe good enough for Sierra transmission threads	http://www.silverpenparts.com/pb/wp_dfdf98a0/wp_dfdf98a0.html
M8.5 x 1		Sierra transmission, Bock Quad assembly & sections	
M9 x 0.75	Q	popular threading for sections. Wall Street II / Sierra RB nib section (.360 or .366 tenon for dies)	http://www.victornet.com/subdepartments/Metric-Taps/1310.html
M10 x {1, .5, .75}		popular for section threads - x1 is too coarse, x.5 or x.75 is more fine	
M10 x 0.75		El Grande, Churchill cap receiver/holder. Jr Statesman (?). Pelikan FP nib unit (200/250 14K/400 14K nibs)	
M10 x 1		El Grande, Churchill assembly/section coupler. (9.85mm 9.25mm ? tenon for dies)	
M12 x 0.75		single start popular for cap threads	

M12 x 0.8 x 2.4	11.2mm or 7/16"	El Grande, Churchill cap threads (body die, cap tap). This is the 12mm triple start tap + die for caps. (11.8mm tenon Or 11.78mm = .466 in tenon for threads. 7/16 in drill for female threads)	
M12 x 1 or .450 x 26 or 1/2 x 20	7/16	Sharpie refill. The cheaper 1/2x20 should work well enough.	
M13 x 1 x 3		Triple-start 14mm (larger) cap threading tap & die	http://www.silverpenparts.com/pb/wp_dfd98a0/wp_dfd98a0.html
SAE 1/4 x 48 TPI		May be a cheaper, close enough, replacement for M6.4 x 0.5	
SAE 1/4 x 20		pen mandrel - berea?	
SAE 1/4 x 28		pen mandrel - berea precision mandrels, Ariz.Silhouette	
SAE 10/24		Woodcraft pen mandrel / arbor (headstock)	
0.8Px2.4L		Baron, Sedona, Navigator cap/body threads - 4-start. 1.0L for the holder	
		7.05mm OD = diameter of the plastic Schmidt FP ink converter	