

Tap / Die	Drill Size	Comments
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)
M6.4 x 0.6		Bock #5 feeds (small)
M6.4 x 0.75		Jr Gent 2 feed holder (assembly/section) - measured, not tested
M6.5 x 0.5		Meister Nib new style #5 feed assembly, Schmidt roller ball conversion feed
M6.5 x 0.75		?? front end nib assembly
M7.4 x 0.5	J (but, 6.9mm ~= I)	Meister Nibls assembly #6
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
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)
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
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)
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
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

Link
<a href="http://www.indy-pen-dance.com/Nibs/">http://www.indy-pen-dance.com/Nibs/</a>
<a href="http://www.classicnib.com/feeds.html">http://www.classicnib.com/feeds.html</a>
<a href="http://www.silverpenparts.com/pb/wp_dfd98a0/wp_dfd98a0.html">http://www.silverpenparts.com/pb/wp_dfd98a0/wp_dfd98a0.html</a>
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<a href="http://www.silverpenparts.com/pb/wp_dfd98a0/wp_dfd98a0.html">http://www.silverpenparts.com/pb/wp_dfd98a0/wp_dfd98a0.html</a>

<http://www.victornet.com/subdepartments/Metric-Taps/1310.html>

[http://www.silverpenparts.com/pb/wp\\_dfdf98a0/wp\\_dfdf98a0.html](http://www.silverpenparts.com/pb/wp_dfdf98a0/wp_dfdf98a0.html)