

KEY for Marhoff Collection Features and Notes - Len Sawisch 5/7/2018			
Pawl Type	Description	Year/Model	Notes
MRC	Umrella Pawl, Threaded Cup	1907	Only 4-5 reels known with this assembly
SMP	Umrella Pawl, Cup, Screw	1908 - 1912	Umbrella pawls were delicate and hard to load, but easy to lose
B-1	Barrel pawl, Screw	1912-26	Pawl cup was redundant, reels repaired circa late 1912 on got 'new' barrel pawl (and cups were tossed)
B-2	Barrel pawl, Flat plate, Screw	?	Flate plate helped keep pawl clean, small hole for oiling
B-3	Barrel pawl, Lipped plate, Screw	1922-30	Lipped plate easier to remove/install, oil hole
Front-1	Front mount -1918 Worm gear standard position, back plate cup 1" high, line guide 3/4" from slot. Carriage block ported for upper brace bar/pillar, pawl cover plate wrapped around worm gear	1918	Pics. Front loading pawl feature did not significantly reduce line guide carriage wear - not cost effective
Front-2	Front mount - 1922 Worm gear lower, back plate cup 13/16" high, line guide 7/8" from slot. Carriage block ported for worm gear and brace bar, simple pawl cover	1922	Pics. Second front loading pawl effort also did not significantly reduce line guide carriage wear - not cost effective
N-1	Nippled pawl, Flat plate, Screw	?	Much easier to remove/replace than standard barrel pawl
SB-2	Barrel pawl, Flat plate, Screw, <S> logo on carriage	1932	<S> logo was marketing idea
N-2	Nippled pawl, Flat plate, Screw, <S> logo on carriage	?	
N-2 E	Nippled pawl, Flat plate, Screw, <S> logo on Extended carriage	1935-37	Extended carriage reduced wear and line guide wobble
N-3 E	Nippled pawl, Flat plate, Screw, No <S> logo, Extended carriage	1937	
N-4 E	Nippled pawl, Cupped plate, Screw, No logo, Extended carriage	1941	
Q	Quadro Pawl - larger hole for pawl in line guide carriage	1932-35	Barrel slotted, four-sided pawl blade could be rotated in slot as blade wore. Likely used to compete with Bronson's duo-pawl. Many problems.
QR	Quadro Pawl revised - brass bushing in hole for barrel pawl	1936-37	Brass bushing allowed use of existing Quadro-pawl carriages when Q-pawl discontinued due to performance issues
End Cap	Description	Year/Model	
MRC	Full coining, smooth top	1907	Non-adjustable, just allowed easier oiling
MRC/SMP	MRC w/ SMP threading	1908	MRC and SMP early caps look identical but threading is slightly different
SMP-J	Jeweled	1909	Special order
M	Mushroom	1909	Easier to remove/replace
DC-J	Double coined jeweled dome cap (no clips)	1909	Special order
CM	Clips, Mushroom, Jeweled	1912	Friction clips helped hold caps in position, allowed adjustment of spool alignment between plates
FCR	Clips, Fish eye, Red jewel	1914	South Bend 1131 reels research show red fisheye caps used first, followed by white
FCW	Clips, Fish eye, White jewel	1914	
D	Double cap, Red jewel	1918	Double cap had outer cap to cover/protect friction clips
D-2	Double coined edge	1937	Decorative touch for up-scale reels
D2OP	Two oil ports	1939	Allowed oiling without removing (and losing) caps
Handle	Description	Year/Model	
MRC	Counter balanced, Screw weight, White short hourglass grip w/ screw	1907	Grips made of iveroid (ivory imitation)
CB-S	Longer bushed hourglass grip w/ screw	1908	Bushing reduced grip wear and wiggle
CB-F	Fancy weight, no screw	1908	
LD	Long (2.5" DC posts), Double hourglass grips	1912	Per Eric Jeska, WSjr. would break off one grip on his reels 'cuz he liked single grip handles. Circa 1922 short handles were an option; circa 1930 long handles were no longer offered.
SD	Short (2.125" DC posts)	1922	Assumed to help reduce knuckle-busting, possibly less torque on line guide
SDM	Black and pearl mottled grips	1931	Pyralin cheaper than iveroid grips? Did allow more colorful grips
SD2	New blank shape, No bushings, Peened	1937	Dropping screws and bushings saved \$
SD2B	Bell grips	1940	Assumed easier to hold when wet
SD2Y	Yellow swirl bell grips	1941	Better color match with green aluminum head plate covers?
SD3	Thinner, rounded edge blank, Swirled yellow bell grips	1946	

<b>Click/Drag</b>	<b>Description</b>	<b>Year/Model</b>	
CD	7 position Click and Drag combo	to 1930	Original pattennt by Shakespeare and Marhoff
SCO-V	Tail Slide Click, No Drag, Volcano button	1929?	Cheaper production?
SCO-W	Tail Slide Click, No drag, Wedding cake button	1930	Three-tiered button exclusive to Model 30
SC-Dial	Tail SC (volcano) and Head Dial drag	1931	Drag was felt pad on brass spring arm
SC-DISC	Tail SC (volcano) and Disc drag under handle	1937	Multi-drag washer design
SC-Screw	Tail SC (volcano), Thumb screw drag on head cover plate	1941	Drag was felt pad on brass spring arm
<b>Handle Nut</b>	<b>Description</b>	<b>Year/Model</b>	
R	Round base, Slotted	to 1910	
H	Hex base, Slotted	1912	
HP	Hex, Oil port	1939	Likely experimental? Rarely seen
HP-2	Hex, Oil port w/ spring port cover	1941	