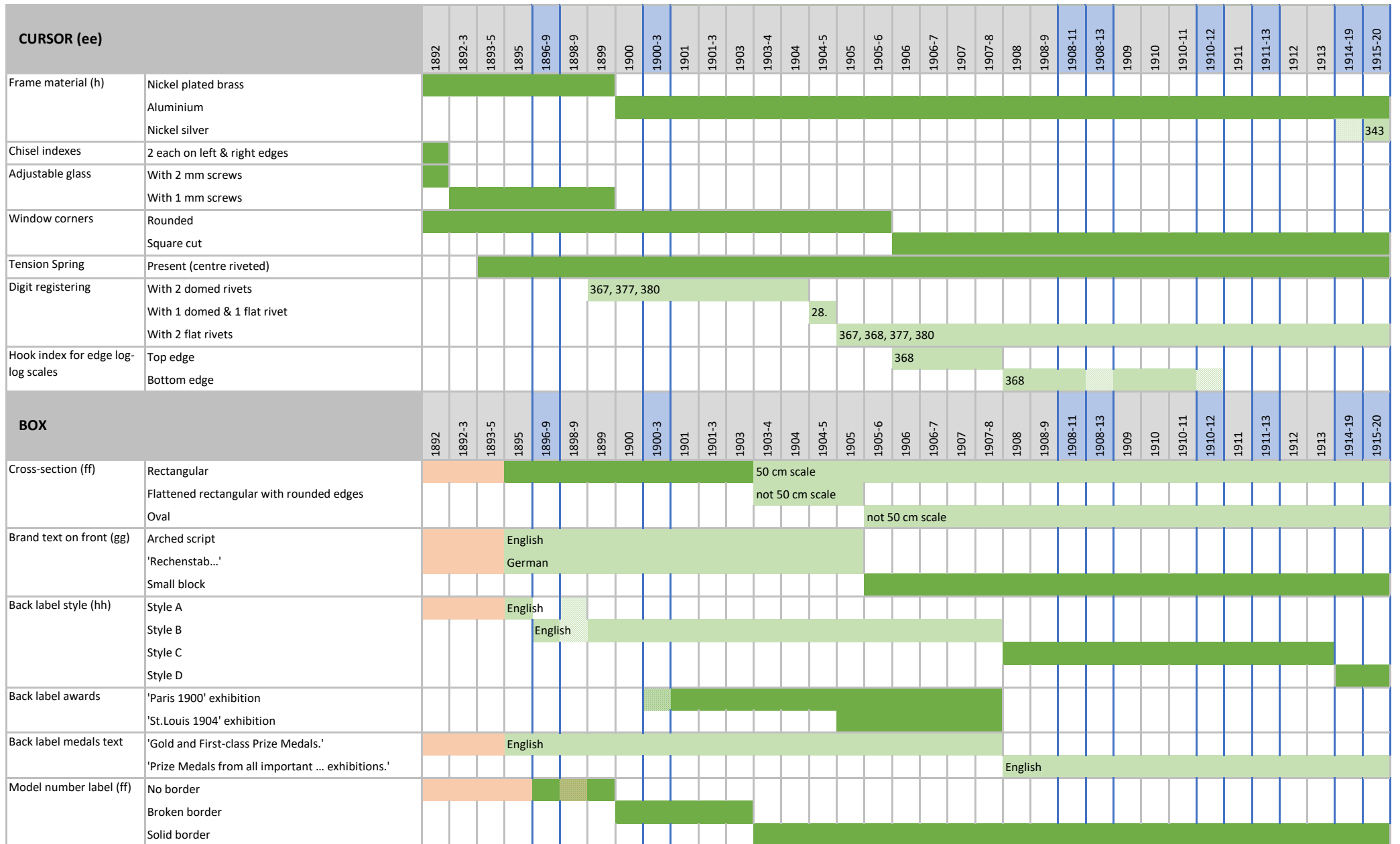


## A.W. FABER-CASTELL SLIDE RULE FEATURES 1892-1920

STOCK & SLIDE		Approximate Change Point																																
		1892	1892-3	1893-5	1895	1896-9	1898-9	1899	1900	1900-3	1901	1901-3	1903	1903-4	1904	1904-5	1905	1905-6	1906	1906-7	1907	1907-8	1908	1908-9	1908-11	1908-13	1909	1910	1910-11	1910-12	1911	1911-13	1912	1913
Length	15 cm																																	
	26 cm				350, 360, 365																													
	26.4 cm																																	
	28 cm							354, 357, 363, 364, 367, 368													1.	not 12.5 or 50 cm scale or 368, 378												
	28.5 cm																						368											
	29.5 cm																				378													
	53.5 cm										50 cm scale																							
Stock construction (a)	Single piece, solid																																	
	Single piece with 2 longitudinal slits in well							not 369													all-wood													
	Two piece, celluloid sprung																						not all-wood											
	Two piece, steel sprung																																	
Back of stock	Flat back (no rebate and tables)				non-German															361, 366, 369*, 374, 377, 379, 384														
	Rebated with paper tables					German																not 361, 366, 369*, 374, 377, 379, 384												
Bottom edge of stock	Bevelled		361, 366, 368																															
	Perpendicular	not 361, 366, 368																																
Cursor grooves (b)	Split both edge rulers																																	
	Above top edge ruler but split bottom edge ruler																																	
	Above both top & bottom edge rulers																not 368																	
	Angled into stock at front/top edge join																368																	
	Angled into stock at front/bottom edge join																368																	
Slide Thumb Notch	Right end of front																																	
Slide runner	At bottom of slide edge	361																																
	In centre of slide edge	not 361																																
Slots in back of stock to index back of slide	Right end (sin & log scales)																					not 361, 366												
	Left end (tan scales)							not 350, 360, 365													not 361, 366													
Celluloid facings	Front, well & front & back of slide				not all-wood																													
	Top & bottom edges																not all-wood or 361		not all-wood															
Boxwood springs to tension slide	Upper stock rail, below slide groove					354, 357, 363, 364, 365, 367																												
	Upper stock rail, in slide groove																	2.		3.		365, 378												
Slide index end (c)	Chisel index for well scales																	368, 378, 379																
Wooden fixing pins for celluloid	Stock	not all-wood																																
	Slide	not all-wood																																
Metal inserts	Longitudinal in stock & slide	not all-wood or 12.5 cm scale																																



TEXT & LABELS		1892	1892-3	1893-5	1895	1896-9	1898-9	1899	1900	1900-3	1901	1901-3	1903	1903-4	1904	1904-5	1905	1905-6	1906	1906-7	1907	1907-8	1908	1908-9	1908-11	1908-13	1909	1910	1910-11	1910-12	1911	1911-13	1912	1913	1914-19	1915-20																																											
Brand name	'A.W. Faber'	[Green bar]																																																																													
	'A.W. Faber "Castell"'	[Green bar]																																																																													
Brand typeface	Gold serif	[Green bar]							non-English										non-English all-wood & 50 cm scale																																																												
	Gold sans-serif	[Green bar]									English										English all-wood & 50 cm scale																																																										
	Black sans-serif	[Green bar]																		not all-wood or 50 cm scale											not all-wood																																																
Numbers on scale subdivisions (f)	Decimal notation	[Green bar]								350, 355, 360, 361, 363, 365											[Green bar]										350, 355, 361, 363										16.										17.																												
	Displaced 1.5/15 on A & B scales	[Green bar]					[Hatched bar]	[Green bar]																																																																							
Scale numbering typeface (aa)	Style A	[Green bar]												all-wood																																																																	
	Style B	[Green bar]												not all-wood										[Green bar]							all-wood																																																
	Style C	[Green bar]																		not all-wood											[Green bar]																																																
Scale numbering marking (g)	Hand printed	[Green bar]												[Green bar]																																																																	
	Template printed	[Green bar]																																																																													
Origin ('MADE IN...')	English language rules only	[Green bar]																																																																													
Quotient/Product ± on lower stock ends	'QUOTIENT +1' & 'PRODUCT -1'	[Green bar]							363, 367											18.										354, 357																																																	
	'Quot.+1' & 'Prod.-1'	[Green bar]																		50 cm scale & 363, 364, 367, 368, 374, 377											19.										20.										21.										22.										23.								
Arrow ± symbols (aa)	On left & right upper stock ends	[Green bar]												357, 363, 367										24.										25.										26.										27.																									
Model number	3-digit, followed by '**' before brand	[Green bar]																																																																													
'DRGM 98350' (1898)	Boxwood springs in well for slide	[Hatched bar]	[Green bar]																		[Hatched bar]																																																										
'DRGM 116832' (1899)	Digit registering cursor	[Green bar]							[Hatched bar]											[Green bar]																																																											
'DRGM 247514' (1905)	Slide end index edge for well scales	[Green bar]																		368, 378, 379											[Hatched bar]																																																
'DRGM 271169' (1906)	Cursor with hook index for edge scales	[Green bar]																		368											[Hatched bar]																																																
'DRGM 371190' (1908)	Wood fixing pins for celluloid	[Green bar]																						not all-wood							[Hatched bar]																																																
'DRP 206428' (1908)	Longitudinal metal inserts	[Green bar]																						not all-wood or 12.5 cm scale							[Hatched bar]																																																
'DRGM 344576' (1908)	System Schumacher	[Green bar]																						366							[Hatched bar]																																																
'DRGM 371189' (1908)	System Pickworth	[Green bar]																		374, 377											[Hatched bar]																																																
'DRP 215722' (1909)	System Pickworth	[Green bar]																		374, 377											[Hatched bar]																																																
Back label style (bb)	Style 1 (German)	German			[Hatched bar]	[Green bar]																																																																									
	Style 2 (German)	German				[Hatched bar]	[Green bar]																																																																								
	Style 3 (German)	German, not 368, 369, 378, 379											[Green bar]																																																																		
	Style 4 (English)	English				[Green bar]																																																																									
	Style 5 (English)	English, not 368, 369, 378, 379																		[Green bar]																																																											
	Style 6 (French)	French, not 368, 369, 378, 379																		[Green bar]																																																											
	Style 7 (French)	[Green bar]												French, not 368, 369, 378, 379																																																																	
	Style 8 (English electro), 9 (Non-English electro)	[Green bar]																		368, 378											[Hatched bar]																																																
Back advertising label (bb)	Paper	[Green bar]																						369.							[Hatched bar]																																																
	Celluloid	[Green bar]																												369																																																	
Back label text style (dd)	Style A	German							[Hatched bar]	[Green bar]																																																																					
	Style B	Non-German					[Hatched bar]	[Green bar]																																																																							



**Formatting:**
 Generic 
  Specific 
  Not known 
  Crossover 
  Overlap in change points

**Additional model and type notes**

1. 354, 355, 357, 363, 364, 367
  2. 354, 355, 357, 363, 364, 365, 367, 368, 374, 377, 378
  3. 354, 355, 357, 363, 364, 365, 367, 378
  4. not 12.5 cm scale or 366
  5. 12.5 cm scale & 366
  6. not 361, 368
  7. not 361
  8. non-German
  9. 364, 367, 50 cm scale
  10. not all-wood or 12.5 or 50 cm scale or 361, 366
  11. not 12.5 or 50 cm scale or 366
  12. not all-wood or 12.5cm scale or 361, 366
  13. not all-wood or 12.5 or 50 cm scales or 361, 366, 368
  14. non-English all-wood
  15. English all-wood
  16. 350, 355, 360, 361, 363
  17. 350, 355, 361, 363
  18. 363, 364, 367
  19. 50 cm scale & 363, 364, 365, 367, 368, 374, 377
  20. 50 cm scale & 363, 364, 365, 367, 374, 377, 378
  21. 50 cm scale & 363, 364, 367, 374, 377, 378
  22. 50 cm scale & 360, 363, 364, 367, 374, 377, 378
  23. 50 cm scale & 354, 357, 360, 363, 364, 367, 374, 377, 378
  24. 354, 357, 363, 364, 367, 368, 374, 377, 380
  25. 354, 357, 364, 367, 368, 374, 377, 380
  26. 354, 357, 363, 364, 367, 374, 377, 380
  27. 354, 357, 364, 367, 374, 377, 380
  28. 367, 377, 380
- \* 369 possible flat or rebate back

**Model number identification c1892-1908 (before printed on slide rule)**

Start here and work to the right to find a model				Model		
Not faced	< 28cm stock			350		
	28cm stock	Non-Mannheim		358		
		Mannheim	Normal cursor		354	
			Digit registering cursor		357	
	53cm stock				370	
Celluloid faced	15cm stock				369	
	26cm stock	No slide springs		360		
		Slide springs		365		
	28-29cm stock	No scales on back of slide				361
		Scales on back of slide	Log-log scales on edge		368	
			No log-log scales on edge	Numbers with decimal point		363
				Numbers no decimal point	Normal cursor	
			decimal point	Digit registering cursor		367
53cm stock				380		

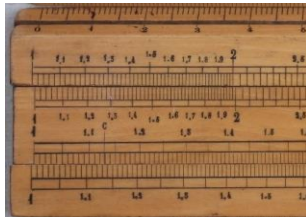
**Feature notes**

- (a) All stocks in this timeframe were made from wood. Initially the two stock rails and well were formed from one solid piece. Two longitudinal slits were introduced into the well that usually penetrate both the solid wooden stock (which may be covered on the back with a paper label) and the celluloid facing in the well (if present), occasionally they are only in the wood. A two piece celluloid sprung stock is distinguished by an end-to-end longitudinal split in the wood of the well of the stock with no corresponding split in the celluloid facing in the well. A steel sprung stock is distinguished by an end-to-end longitudinal split in both the wood and the celluloid facing (if present) of the well.
- (b) Cursor grooves will either: split an edge ruler (numbers above groove and divisions below) and be perpendicular to the edge face; be entirely above a ruler and parallel to the top face of the rule; be angled into the stock at the join of the top and edge faces.
- (c) Slide is slightly shorter than stock with an aluminium index edge for reading the scales in the well.
- (d) Hand printed scales are smooth on the face of the rule and exhibit random marking differences from being drawn from a pattern. Template printed scales are also smooth, but differences are consistent. Lightly incised scales show a faint texture when a fingernail is drawn across the marks. Deeply incised scales show an obvious texture when a fingernail is drawn across the marks.
- (e) Ticks are the small extensions to the division marks which extend beyond the railway track lines. See also (aa).
- (f) Identification numbers of the subdivisions on the Mannheim scales between the major divisions of 1, 2, 3 etc. are either Decimal notation (eg 1.2, 1.2, 1.3 etc) or Non-decimal notation (eg 1, 2, 3 etc.). In the decimal notation the 1.5 and 15 numbers were initially displaced on the A and B scales compared to the rest of the subdivision numbers. See also (aa).
- (g) Identification numbers for the divisions on the Mannheim scales were initially printed by hand one digit at a time and consequently show some variation in the alignment of the digits. Subsequently the numbers were printed using a template giving a more uniformly aligned appearance. See also (aa).
- (h) Nickel plated brass and nickel silver cursors are heavy and shiny (if the plating has not worn off) compared to aluminium cursors. Worn plated cursors will show an underlying brass colour. Plated cursors are slightly magnetic, nickel silver cursors are not.

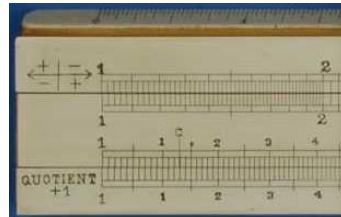
**(aa) Scale formats**



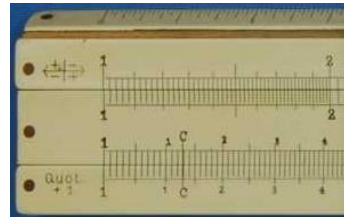
Plain scales, decimal notation, hand printed numbers typeface A, displaced 1.5



Unequal double line railway track scales, no ticks, decimal notation, hand printed numbers typeface A, displaced 1.5

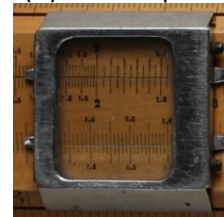


Double line railway track scales, ticks, non-decimal notation, template printed numbers typeface B, arrow ± symbols



Single line railway track scales, ticks, non-decimal notation, template printed numbers typeface C, arrow ± symbols

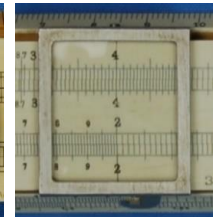
**(ee) Cursor examples**



Nickel plated brass, chisels, 2 mm adjusting screws, rounded window, no spring

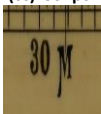


Aluminium, digit registering with 2 domed rivets, rounded window, centre riveted spring



Aluminium, hook index, square cut window, centre riveted spring

**(cc) Script M gauge mark**



**(dd) Slide rule back label text style**

A. With tails		B. Without tails	
7,8	0,128 0,163	7,8	0,128 0,163
7,2	0,139 0,177	7,2	0,139 0,177
11,4	0,088 0,112	11,4	0,088 0,112
8,5	0,118 0,150	8,5	0,118 0,150

**(ff) Box profile and model label**



Square box, label with no border



Square box, label with border



Flat box with rounded ends



Oval box, label with solid border



**(bb) Slide rule back style label examples**

**1. German**

**2. German (large text)**

**3. German (small text)**

**4. English (large text)**

**5. English (small text)**

**6. French (large text short equals)**

**7. French (small text short equals)**

**8. English Electro**

**9. Non-English Electro**

**In/cm conversion scale**

**Advertising**

**(gg) Box brand text**

Arched script 'Rechenstab...' Small block

**(hh) Box back label style examples**

**A. English (gold on black)**

**B. English (gold on black or black on white)**

**C. English (red & green text)**

**C. Non-English (green & red text)**

**D. Non-English (with care instructions)**

**D. English (with care instructions)**