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

		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	1914-19	1915-20
STOCK & SLIDE																																					
Length	15 cm																						12.5 cm scale														
	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											
SCALES			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
Scale length	15 cm																						369										369, 379				
	25 cm												not 369, 379, 380, 384																								
	25.2 cm (approx.)																																			
	50 cm											380																					380, 384			
Format of Mannheim scales (aa)	Plain (no railway tracks)										option on 360, 363, 364, 365, 367																									
	Unequal double railway track																																			
	Double railway track																			all-wood & 50 cm scale																4.
	Single railway track																			not all-wood or 50 cm scales																5.
Marking method (d)	Hand printed scales																																			
	Template printed scales																																			
	Lightly incised scales																	all-wood					all-wood													
	Deeply incised scales																	not all-wood																		
Rulers on edges	Top edge, not to ends of stock																	not 368				6.	7.													
	Bottom edge not to ends of stock																				368						361, 366									
	Bottom edge to ends of stock																				not 361, 366, 368															
Centimetre extension scale	On back of slide																																			
	In well																			not 50 cm scale or 361, 366, 368, 374, 377, 378																
Inch/centimetre conversion scale (bb)	On back of stock			8.								380																								
	On back of stock aligned to right slot index				8.																															
Ticks on Mannheim scales (e)	On A & B only																																			
	On A, B, C & D																																			
SLT scales	On back of slide																						not 361													
M gauge mark (cc)	Script M (with long tail) on B only								367, 50 cm scale								9.	all-wood, 50 cm scale																		
	Script M (with long tail) on A & B																									all-wood, 50 cm scale					all-wood				
	Serif M on A & B																	10.									not all-wood or 12.5 or 50 cm scale or 366									
	Sans-serif M on A & B																																			11.
c & c1 gauge marks	On D as well as C																	12.									not 12.5cm scale or 366									
Electro scales	"Dynamo"/"Motor" & "Volt" scales in well																	368, 378, 379																		
Electro gauge marks	Metric (287 & 736 on A & B scales)																	368, 378, 379																		
	Imperial (287 & 746 on A & B scales)																		368, 378, 379																	
	Unlabelled on non-electro rules																	13.																		
Log-log index marks	2.9 on left & right ends of D																	368																		
	W on right end of C																		368, 378, 379																		
System Pickworth	Cube scale and window on back of stock																							374, 377												
System Schumacher	Non-logarithmic scales and indexes																							366												
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'																																			
	'A.W. Faber "Castell"'																																			
Brand typeface	Gold serif									non-English								non-English all-wood & 50 cm scale														14.				
	Gold sans-serif									English								English all-wood & 50 cm scale														15.				
	Black sans-serif																	not all-wood or 50 cm scale														not all-wood				
Numbers on scale subdivisions (f)	Decimal notation								350, 355, 360, 361, 363, 365																				350, 355, 361, 363						16.		17.
	Displaced 1.5/15 on A & B scales																																			
Scale numbering typeface (aa)	Style A														all-wood																						
	Style B														not all-wood								all-wood														
	Style C																	not all-wood																		
Scale numbering marking (g)	Hand printed																																			
	Template printed																																			
Origin ('MADE IN...')	English language rules only																																			
Quotient/Product ± on lower stock ends	'QUOTIENT +1' & 'PRODUCT -1'								363, 367								18.							354, 357												
	'Quot.+1' & 'Prod.-1'																	50 cm scale & 363, 364, 367, 368, 374, 377											19.	20.	21.			22.		23.
Arrow ± symbols (aa)	On left & right upper stock ends													357, 363, 367			24.							25.					26.						27.		
Model number	3-digit, followed by '*' before brand																																			
'DRGM 98350' (1898)	Boxwood springs in well for slide																																			
'DRGM 116832' (1899)	Digit registering cursor																																			
'DRGM 247514' (1905)	Slide end index edge for well scales																	368, 378, 379																		
'DRGM 271169' (1906)	Cursor with hook index for edge scales																		368																		
'DRGM 371190' (1908)	Wood fixing pins for celluloid																							not all-wood												
'DRP 206428' (1908)	Longitudinal metal inserts																							not all-wood or 12.5 cm scale												
'DRGM 344576' (1908)	System Schumacher																							366												
'DRGM 371189' (1908)	System Pickworth																							374, 377												
'DRP 215722' (1909)	System Pickworth																											374, 377								
Back label style (bb)	Style 1 (German)				German																															
	Style 2 (German)						German																													
	Style 3 (German)										German, not 368, 369, 378, 379																									
	Style 4 (English)						English																													
	Style 5 (English)								English, not 368, 369, 378, 379																											
	Style 6 (French)						French, not 368, 369, 378, 379																														
	Style 7 (French)													French, not 368, 369, 378, 379																						
	Style 8 (English electro), 9 (Non-English electro)																	368, 378																		
Back advertising label (bb)	Paper																										369.									
	Celluloid																																			369
Back label text style (dd)	Style A				German																															
	Style B							Non-German																													
CURSOR (ee)			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
Frame material (h)	Nickel plated brass																																			
	Aluminium																																			
	Nickel silver																																			343
Chisel indexes	2 each on left & right edges																																			
Adjustable glass	With 2 mm screws																																			
	With 1 mm screws																																			
Window corners	Rounded																																			
	Square cut																																			
Tension Spring	Present (centre riveted)																																			
Digit registering	With 2 domed rivets								367, 377, 380																											
	With 1 domed & 1 flat rivet																28.																				
	With 2 flat rivets																	367, 368, 377, 380																		
Hook index for edge log-log scales	Top edge																			368																
	Bottom edge																						368													
BOX			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
Cross-section (ff)	Rectangular														50 cm scale																					
	Flattened rectangular with rounded edges														not 50 cm scale																					
	Oval																	not 50 cm scale																		
Brand text on front (gg)	Arched script					English																														
	'Rechenstab...'					German																														
	Small block																																			
Back label style (hh)	Style A					English																														
	Style B						English																													
	Style C																																			
	Style D																																			
Back label awards	'Paris 1900' exhibition																																			
	'St.Louis 1904' exhibition																																			
Back label medals text	'Gold and First-class Prize Medals.'					English																														
	'Prize Medals from all important ... exhibitions.'																															English				
Model number label (ff)	No border																																			
	Broken border																																			
	Solid border																																			

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	364
				Normal cursor	367
				Digit registering cursor	380
	53cm stock				

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.

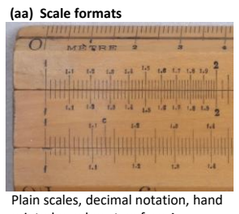
(e) Ticks are the small extensions to the division marks which extend beyond the railway track lines. See also (aa).

(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).

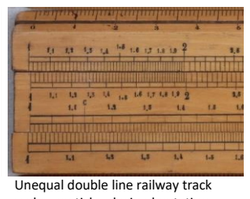
(g) Identification numbers for the divisions on the Mannheim scales were initially printed by hand one digit at a time and consequently show some variation in the alignment of the digits. Subsequently the numbers were printed using a template giving a more uniformly aligned appearance. See also (aa)

(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.

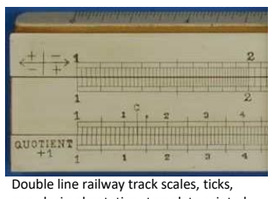
(aa) Scale formats



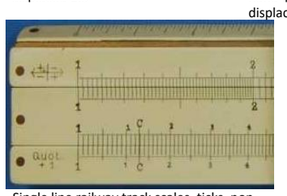
Plain scales, decimal notation, hand printed numbers typeface A, displaced 1.5



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

(bb) Slide rule back style label examples

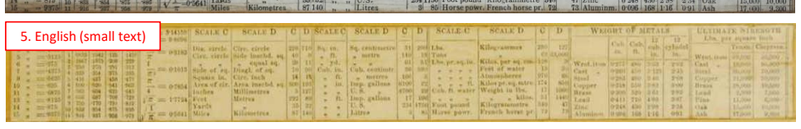
1. German

2. German (large text)

3. German (small text)

4. English (large text)

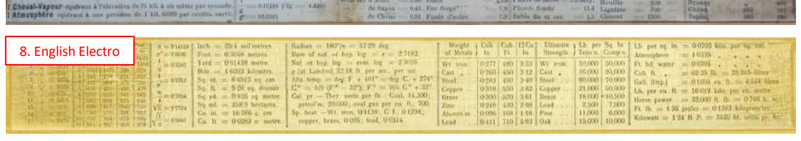
5. English (small text)



6. French (large text short equals)

7. French (small text long equals)

8. English Electro

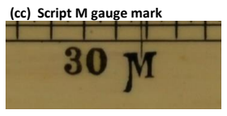


9. Non-English Electro

In/cm conversion scale

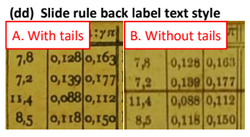
Advertising

(cc) Script M gauge mark

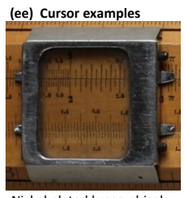


(dd) Slide rule back label text style

A. With tails B. Without tails



(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

(ff) Box profile and model label

Square box, label with no

Square box, label with

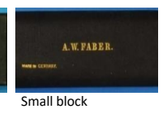
Flat box with rounded

Oval box, label with solid border

(gg) Box brand text

Arched script

'Rechenstab...'



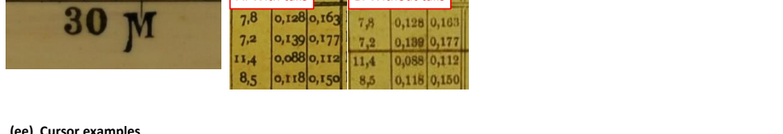
Small block

(hh) Box back label style examples

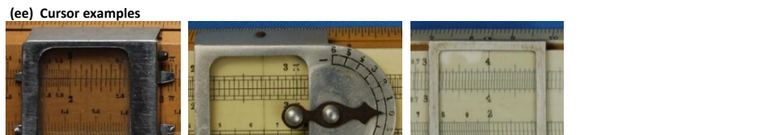
A. English (gold on black)

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

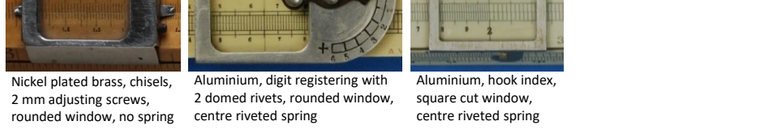
C. English (red & green text)



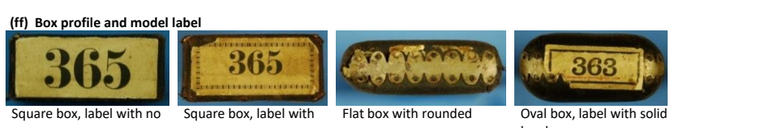
C. Non-English (green & red text)



D. Non-English (with care instrucions)



D. English (with care instrucions)



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