

CATALOGUE OF BLUNDELL AND HARLING SLIDE RULES AND DISCS

DESCRIPTIONS TAKEN FROM CONTEMPORARY CATALOGUES AND FROM ACTUAL ITEMS

W.H. HARLING SLIDE RULES

1890 approx. - 1938. Made in the factory in Upper Clapton. For the 20" models the well seasoned wood base is faced with celluloid. Screw adjustment for slide tension.

Wooden slide rule	Front 1) [$A = B \ C = D$] 2) Back 3) = $S \ T = 4)$
Students Slide Rule	Front 26cm / $A = B \ C = D \ 11inch$
700	Front 20inch / $A = B \ C = D \ 20inch$] 50cm Back = $S \ T =$
700 Variant	Front 20inch / $A = B \ C = D \ 20inch$] 50cm Back = $S \ T =$
702	Front 20inch / $K \ A = B \ C = D \ 20inch$] 50cm Back = $S \ T =$
704 Variant of 700	Front 20inch / $A = B \ C = D \ 20inch$] 50cm Back = $S \ T =$
706 Variant of 702	Front 20inch / $K \ A = B \ C = D \ 20inch$] 50cm Back = $S \ T =$
708	Front 20inch / $LL \ A = B \ C = D \ 20inch$] 50cm Back = $S \ T =$
1526 Time Speed and Distance Rule	Front 1) = 2) 3) = 4) 5) = 6) = 7) See picture

BLUNDELL HARLING BAKELITE SLIDE RULES 10"

1947-1949. Made of laminated bakelite. Green paper covered rigid box.

G 1 Students	Front $K \ A = B \ C \ C = D \ L$
G 2	Front $K \ A = B \ Rec \ C = D \ L$
E 3 Electrical	Front Volt $A = B \ Cos \ C \ ^\circ F = D \ Dyn$
L 4	Front U.L. $A = B \ Rec \ C = D \ L.L.$
G 5	Front $K \ A = B \ Rec \ C = D \ L$ Back = $S \ ST \ T =$
L 6	Front UL $A = B \ Rec \ C = D \ LL$ Back = $S \ S\&T \ T =$
U 7	Front U.L. CU. $A = B \ S. \ S\&T. \ T. \ REC. \ C = D \ MAN. \ L.L.$

BLUNDELL HARLING ASTRALON SLIDE RULES 10"

1949-1958. Made of ivory co polymer giving smooth action and permanent engraving. Stable at all ordinary temperatures. Metal frame cursor or Diakon moulded cursor (in brochures indicated with suffix D). Blue paper covered box.

AG 1	Front <u>10inch</u> / K A = B R C = D M Back <u>26cm</u>
AG 2	Front <u>10inch</u> / K A = B R C = D M Back <u>26cm</u>
AL 4	Front UL A = B R C = D LL
AL 4 Variant	Front LL2 A = B R C = D LL3
AG 5	Front <u>10inch</u> / K A = B R C = D M Back <u>26cm</u> = S ST T =
AL 6	Front <u>25cm</u> / U.L. A = B R C = D LL. Back = S ST T = <u>10inch</u>
AL 6 Variant	Front <u>10inch</u> / LL2 A = B R C = D LL3 Back = S ST T = <u>25cm</u>
AU 7	Front UL K A = B R C = D M LL Back = S ST T =
T 11 Technicians	Front <u>10inch</u> / L1 U.L. A = B R C = D P LL Back = S ST T =
T 12 Technicians	Front <u>10inch</u> / K LI UL DF = CF CRF CR C = D P LL A Back = S ST T L =
T 13 Technicians	Front K LL1 LL2 DF = CF CRF CI C = D P LL3 A V D
D 26	Front <u>10inch</u> / M K A = B R L C = D P S T Back = LL1 LL2 LL3 = <u>25cm</u>
E 13 Electricians	Front <u>10inch</u> / K LL1 LL2 DF = CF 1) CRF CR C = D 1 LL3 A #Volt Gen# Back = S ST T M = <u>25cm</u>
E 13c Electricians Variant	Front <u>10inch</u> / K LI UL DF = CF 1) CRF CR C = D P 1 LL A #Volt Gen# Back = S S&T T Man = <u>25cm</u>
E 18 Electricians	Front <u>10inch</u> / V D A = B C = D °F °C cos #Volt Gen# Back = S ST T = <u>25cm</u>
E 25 Electricians	Front <u>10inch</u> / LL3 A = B R C = D LL3 K #Volt Dyn# Back <u>25cm</u> = S ST T =
G 22	Front <u>10inch</u> / A = B C = D Back <u>26cm</u>
G 22/2	Front A = B C = D
G 23	Front <u>10inch</u> / K A = B R C = D M Back <u>26cm</u>
G 27	Front <u>10inch</u> / A CF = DF C = D Back <u>26cm</u>
G 29	Front <u>10inch</u> / A = B R C = D Back = S L T =

Lightweight version (no bevel) in Astralon series

Students Model 1	Front K A = B C I C = D L
Students Model 2	Front LL1 A = B C I C = D LL2
Students no. 1	Front K A = B R C = D M
Students no. 2	Front LL2 A = B R C = D LL3
Popular no. 1	Front L K A = B C I C = D S ST T

1949-1958 Wood slide rule, Astralon Slide

WG 5	Front K A = B R C = D M
------	-------------------------

BLUNDELL HARLING 20" SLIDE RULE
BAKELITE BASE ASTRALON FACE

T 20 Technicians	Front L.1 U.L. A = B R C = D M LL.
------------------	------------------------------------

BLUNDELL HARLING SLIDE RULES POCKET 5"
BAKELITE

1947-1949. Leather Case.

P 8	Front A = B C I C = D Back 6inch = 15cm
-----	--

BLUNDELL HARLING ASTRALON SLIDE RULES POCKET 5"
METAL CURSOR FRAME. Also existing with DIAKON MOULDED CURSOR which have same numbers with suffix D.

1948-1958. Leather case

P 10	Front 6inch / CUBE A = B REC C = D MAN Back = S S&T T = 15cm
P 14	Front 6inch / CUBE A = B REC. C = D MAN. Back = S ST T = 15cm
P 15	Front 6inch / A = B REC C = D Back = S S&T T = 15cm
P 16 Electricians	Front 6inch / Volt Dyn A = B cos C = D LL1 LL2 Res Cos Back = S ST T = 15cm
P 17	Front 6inch / U.L. A = B R C = D L.L. Back = S. S.&T. T. = 15cm
P 19	Front 6inch / A = B R C = D Back 15cm
P 28	Front 6inch / M K A = B R C = D P S T Back = LL1 LL2 LL3 = 15cm
P 31	Front 6inch / A = B R C = D Back 15cm

BLUNDELL HARLING OMEGA SLIDE RULES

1958-1970. This series is of traditional construction, one edge being bevelled and divided 1" x 32nds or cm x mm. The 10" models are supplied in rigid cloth covered boxes and the 5" in a soft lined sheath for the pocket.

400 SERIES

401 Rietz Omega	Front 11inch / K A = B CI C = D L Back = S T ST =
402 Log - log Omega	Front 11inch / LL2 A = B CI C = D LL3 Back = S T ST =
403 Darmstadt Omega	Front 11inch / L K A = B CI C = D P Sin Tan Back = LL1 LL2 LL3 =
404 Electro Omega	Front 11inch / LL2 A = B CI C = D LL3 #1)# Back = S L T =
405 Omega	Front 11inch / A = B C = D
406 Omega	Front inch / A = B CI C = D Back = S T ST =
407 Technico Omega	Front 11inch / K LL1 LL2 DF = CF CIF CI C = D P LL3 A Back S ST T L
409 Mercantile Omega	Front 11inch / M1 1) 2) IL IR C = D M2 M3
410 Technico Omega	Front 11inch / A DF = CF CI C = D K Back = B S L T =

600 SERIES

600 Mannheim	Front S T A = B CI C = D K L
601 Rietz Omega	Front 6inch / K A = B CI C = D L Back = S S&T T =
602 Log - log Omega	Front 6inch / LL2 A = B CI C = D LL3 Back = S T ST =
603 Darmstadt Omega	Front 6inch / L K A = B CI C = D P S T Back = LL3 LL2 LL1 =
604 Electro Omega	Front 6inch / LL2 A = B CI C = D LL3 #1)# Back = S L T =
605 Omega	Front 6inch / A = B C = D
606 Omega	Front 6inch / A = B CI C = D Back = S T ST =
607 Technico Omega	Front 6inch / K LL1 LL2 DF = CF CIF CI C = D P LL3 A Back = S ST T L =
608 Five/Ten Omega	Front 6inch / D C ₁ = C ₂ CI ₁ CI ₂ D ₁ = D ₂ L Back = S ₁ S ₂ T ₁ T ₂ =
610 Technico Omega	Front 6inch / A DF = CF CI C = D K Back = B S L T =

BLUNDELL HARLING JANUS SLIDE RULES - DOUBLE SIDED

1957-1965. Engraved duplex type with metal end pieces. Screw assembly with facility for adjustment. Acrylic cursor with metal rails. Early models supplied in black paper covered hinged box. Final production cloth covered card box.

T 50 Janus	Front L P A = B T ST S = D DI K Back LL01 LL02 LL03 DF = CF CIF CI C = D LL3 LL2 LL1
T 50 Janus Variant	Front K LL0 A = B CI C = D LL00 S ST T Back L LL1 DF = CF CIF CI C = D LL3 LL2
T 51 Janus	Front K LL0 A = B CI C = D LL00 S ST T Back L LL1 DF = CF CIF CI C = D LL3 LL2
T 51 Janus Variant	Front L P A = B T ST S = D DI K Back LL01 LL02 LL03 DF = CF CIF CI C = D LL3 LL2 LL1
N 52 (Navigator) Janus	Front S1 A = B TA TB ST S C = D K L Back 1) 2) 3) 4) 5) = 6) 7) CI 8) 9) C = D SM KM
TR 53 (Traction Engineers)	Front LL1 A = B CI C = D LL2 Back ΔV1 ΔV2 T F V S1 S2
JV 56 Vector Janus	Front Sh1 Sh2 Th A = C T ST S D = DI K L Back LL01 LL02 LL03 DF = CF CIF CI C = D LL3 LL2 LL1

BLUNDELL HARLING ACADEMY 300 SLIDE RULES

1958-1970. An inexpensive range for students, apprentices and occasional users. Bonded plastic end pieces are used in this series and the cursor was flat. Supplied individually boxed and in plastic containers.

300 Academy	Front K A = B CI C = D L
302 Log - log Academy	Front L LL2 LL3 A = B CI C = D S T ST
302 Log - log Academy Variant	Front K LL2 LL3 A = B CI C = D L T S
303 Rietz Academy	Front L K A = B CI C = D S ST T
304 Darmstadt Academy	Front L K A = B CI C = D P Sin Tan Back = LL1 LL2 LL3 =
305 C Electro Academy	Front 1) EFF GEN.MOT. A = B CI C = D K LL2 LL3 Back = S L T =
307 Air Navigation Academy	Front A = B C = D T Other Scales
308 Accountants Academy	Front S LL1 M = T IL IR C = D LL3 LL2
310 Academy	Front D = C CI A K
312 Simplified Rietz Academy	Front CUBE A = B REC C = D MAN

BLUNDELL HARLING ACADEMY 800 SLIDE RULES

1970-1982. The cursors are convex, moulded in one piece and incorporate three or four hair-lines according to the model they are fitted to. Easily removed or replaced, they are captive in that the design of the bridging pieces does not allow them to slide off. Principal scales defined by the use of coloured bands. For protection a rigid plastic box is provided with all 10" models.

800	Front A = B C = D
802 Log - log Academy	Front K LL2 LL3 A = B L CI C = D S T ST
803 Rietz Academy	Front L K A = B CI C = D S T ST
803 P (Projection)	Front L K A = B CI C = D S ST T
804 Academy	Front L K A = B CI C = D P S T Back = LL1 LL2 LL3 =
805 Electrical Academy	Front Volt Motor Eff A = B CI C = D K LL2 LL3
808 Accountants Academy	Front S LL1 DF = CF IL IR C = D LL3 LL2 Back M = T =
810 Navigational Academy	Front speed time distance
812 Classmate Academy	Front S T A = B CI C = D K L
813 Classmate Academy	Front S T A = B CI C = D K L

BLUNDELL HARLING ACADEMY DUPLEX SLIDE RULES

1965-1970. The Academy Duplex Range designed to provide a comprehensive series of two sided models in the modern style. The Academy Duplex Slide Rule with the exception of model 500 supplied in a semi rigid PVC case.

500 Academy	Front L K A = B CI C = D LL3 LL2 Back T ST DF = CF CIF C = D P S
502 Academy	Front L K A = B CI C = D LL3 LL2 LL1 Back T ST DF = CF CIF CI C = D P S
503 Commerce Academy	Front L K A = B CI C = D S ST T Back M1 Year Days = Weeks Decrease/Increase C = D M2 M3
504 Sea Navigation Academy	Front S1 A = B T1 T2 ST S C = D K L Back P DF = CF CIF CI C = D
505 Academy	Front LL01 LL02 LL03 A = B L CI C = D LL3 LL2 LL1 Back T ST DF = CF CIF CI C = D P S
506 Electro Academy	Front S1 S2 Th A = B T ST S D = DI K L Back LL01 LL02 LL03 DF = CF CIF CI C = D LL3 LL2 LL1

BLUNDELL HARLING ACADEMY SUPER DUPLEX SLIDE RULES

1970-1980. As above but with the decimal system applied in money scales (503) and patented end plates.

503 D Commerce Academy Variant	Front L K A = B CI C = D LL3 LL2 Back M1 M2 1) = 2) 3) C = D M3 M4
504 Sea Navigation Academy Variant	Front SI A = B TA TB ST S C = D K L Back P DF = CF CIF CI C = D LL3 LL2
505 Academy Variant	Front LL01 LL02 LL03 A = B L CI C = D LL3 LL2 LL1 Back K P ST DF = CF CIF CI C = D T S
506 Electro Academy Variant	Front Sinh1 Sinh2 Tanh A = B T ST S D = DI K L Back LL01 LL02 LL03 DF = CF CIF CI C = D LL3 LL2 LL1

LAST PRODUCTION BLUNDELL HARLING SLIDE RULES

BLUNDELL HARLING ACADEMY DUPLEX SLIDE RULES

1975-1982. Construction as Academy 800 series, but double sided interlocking convex cursor.

904 Academy	Front ST A = B CI C = D S T Back K L DF = CF CIF C = D LL2 LL3
905 Academy	Front LL01 LL02 LL03 A = B L CI C = D LL3 LL2 LL1 Back K P ST DF = CF CIF CI C = D T S

BLUNDELL HARLING SCHOOL EDUCATION SLIDE RULES

1975-1982. Construction as Academy 800 series, but more narrow.

S 143 / 5 E	Front K A = B CI C = D L
S 143 - 10	Front K A = B CI C = D L
S 143 - 10 (Factory model)	Front K A = B CI C = D L
S 143 - 20	Front K A = B CI C = D L
S 150 - 10	Front S T A = B CI C = D K L
S 150 - 10 P (Projection)	Front S T A = B CI C = D K L
S 150 - 20	Front S T A = B CI C = D K L

BLUNDELL HARLING DEMONSTRATION SLIDE RULES 60"

Made from hardwood. Early models had printed PVC faces bonded on. Later models featured a white spray paint finish and the scaling was screen printed.

DM 1 Rietz Instruction rule	Front $K A = B R C = D M$ Back $= S ST T =$
DM 2 Instruction rule	Front $LL01 LL02 LL03 A = B L CI C = D LL3 LL2 LL1$ Back $K P ST DF = CF CIF CI C = D T S$
DM 5 Simplified Rietz Instruction rule	Front $K A = B CI C = D L$
DM 6 Instruction rule	Front $L LL2 LL3 A = B CI C = D S T ST$

BLUNDELL HARLING SLIDE RULES MADE FOR W.H. SMITH

W.H. Smith Simplified Rietz	Front $K A = B CI C = D L$
W.H. Smith Rietz	Front $L K A = B CI C = D S T ST$
W.H. Smith Log - log trig	Front $K LL2 LL3 A = B L CI C = D S T ST$

BLUNDELL HARLING DISCS OF SERIES DESCAL

310 Descal	Front $L D = C CI A K$
314 Descal	Front $C = D \%$
315 Descal	Front $LL3 LL2 LL1 D = C CI A K$
316 Descal	Front $C = D$

**BLUNDELL HARLING SPECIAL
SLIDE RULES, DISCS AND PROTRACTORS**
See detailed descriptions and pictures