

HAAG-STREIT UK

Synoptophore Slide Catalogue

BEAUTIFUL HAND-CRAFTED SLIDES

Choose from the most extensive range available on the market

For generations, the Synoptophore has been THE standard instrument of choice for the busy orthoptic clinic. It is ideal for the assessment and treatment of ocular motility disorders by reliably performing the most comprehensive binocular vision assessment available today.

Synoptophore slides are beautifully hand-crafted and have been produced for Clement Clarke for nearly a century. The robust slides are compatible with all of the Clement Clarke Synoptophore models.

The range of slides is the most extensive available and they cater for a wide range of binocular vision anomalies. For easy identification, the slides are bound in different colours, according to their category.

Contents

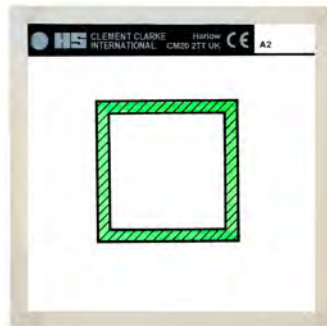
Page no.	
3.	Series A - Maddox slides
8.	Series D - stereoscopic vision
16.	Series F - fusion slides
33.	Series G - simultaneous perception slides
43.	Series H - simultaneous perception slides
46.	Series S - special purpose slides
48.	Mayou slides
50.	Braddick Random Dot graded stereo slides
51.	Slide sets

Slide Series A

Maddox test (white binding)

Maddox slides can aid the assessment of nine positions of gaze. Horizontal and vertical deviations are assessed in the normal way, however, the examiner may rotate the torsional control until the patient is satisfied that it superimposes in the centre of the surround and all lines run parallel.

Please note, visual angles are approximate; 'V' = Vertical, 'H' = Horizontal.



A 1/2 Red circle $\text{\textcircled{O}}$ 8° in green square 12½°

SKU 6502001



A 3/4 Red circle $\text{\textcircled{O}}$ 3½° in green square 6½°

SKU 6502002



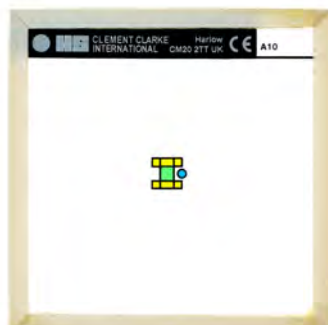
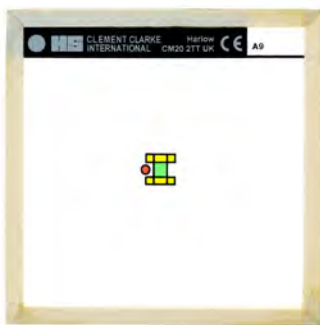
A 5/6 Red circle $\text{\O} 1\frac{1}{2}^\circ$ in green square 3°

SKU 6502003



A 7/8 Fusion object $7^\circ \text{V} 9^\circ \text{H}$

SKU 6502004



A 9/10 Fusion object $7^\circ \text{V} 9^\circ \text{H}$

SKU 6502005



A 11/12 Fusion object 1° square

SKU 6502006



A 13/14 Cross (black) 8°V 5°H

SKU 6502007



A 15/16 Angle gamma and arrow head

SKU 6502008



A 17/18 Phoria test (cross in circle) large

SKU 6502009



A 17a/18a Phoria test (cross in circle) small

SKU 6502010



A 19/20 Phoria test (scales and pointers)

SKU 6502011



A 21/22 Blind spot test

SKU 6502012



A 23/24 Amsler grid

SKU 6502013

Slide Series D

Stereoscopic vision (yellow binding)

A gross qualitative stereopsis assessment can be obtained using two images of the same object, hypothetically taken from slightly different angles, to indicate depth perception. The slides are inserted into the slide holders with the controls of each slide positioned towards or away from the subject. The patient is then required to describe the apparent effect (i.e. a swing moving towards or away from them). The test should be repeated, with the slide controls changing position, to ensure the stereoscopic effect is authentic and the patient is not guessing.

Please note, visual angles are approximate; 'V' = Vertical, 'H' = Horizontal.
Gross Stereoacuity values are included.



D1/2 Bucket - 10° Ø - 5600"

SKU 6504001



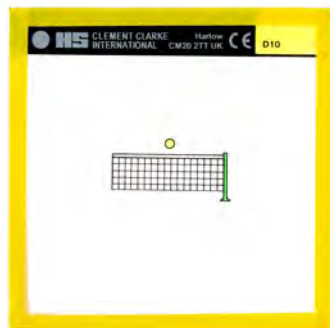
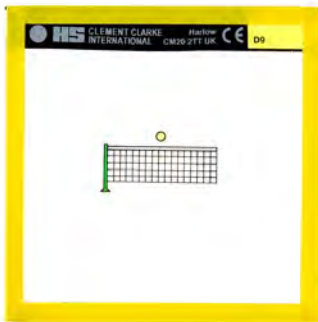
D 3/4 Spears - 11°V 10°H - 8200"

SKU 6504002



D 5/6 Swings - 11°V 7½°H - 9500"

SKU 6504003



D 9/10 Tennis net - 5°V 10½°H - 0"

SKU 6504005



D 11/12 Five balls - 8° square - 6600"

SKU 6504006



D 35/36 Eight shapes - 7½°V 9°H - 2300"

SKU 6504007



D 37/38 Seal balancing ball - 6°V 5°H - 4500"

SKU 6504008



D 41/42 Pedestrian crossing - 5°V 11°H - 5400"

SKU 6504010



D 43/44 Six coloured lanterns - 7° square - 3100"

SKU 6504011



D 45/46 Three skittles - 7° square - 6000"

SKU 6504012



D 47/48 Four aeroplanes - 7° square - 6200"

SKU 6504013



D 49/50 Aviary with five birds - 6°V 7½°H - 6600"

SKU 6504014



D 51/52 Aquarium with four fish - 9°V 7½°H - 800"

SKU 6504015



D 53/54 Christmas tree - 10°V 9°H - 2700"

SKU 6504016



D 55/56 Juggler - 9° square - 1900"

SKU 6504017



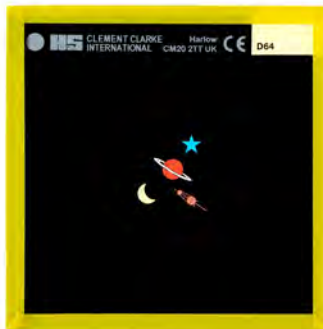
D 59/60 Train and bridge - 9°V 8°H - 3300"

SKU 6504019



D 61/62 Horse jumping fence - 5°V 5½°H - 5800"

SKU 6504020



D 63/64 Planets and stars - 7°V 6°H - 3700"

SKU 6504021



D 65/66 Aeroplane and four parachutists - 17°V 15°H - 800"

SKU 6504022



D 69/70 Bucket with handle - 11°Ø - 9100"

SKU 6504024



D 71/72 Bucket (as D1/2) - 2°Ø - 6600"

SKU 6504025

Slide Series F

Fusion (green binding)

To assess sensory fusion (the second grade of Binocular Single Vision) two similar pictures each with an incomplete 'control' (i.e. rabbit's tail and a bunch of flowers) are presented to the patient. One tube is locked at zero and the patient is instructed to move the image, as with Simultaneous Perception (SP), and create a composite image of the rabbit holding a bunch of flowers. It is important to question the patient about the 'controls' to prove sensory fusion or assess for the presence of suppression. Yet again, if this is difficult for the patient, larger slides may be beneficial.

Please note, visual angles are approximate; 'V' = Vertical, 'H' = Horizontal.



F 1/2 'F' and 'L' in circle 9°Ø. Letter 'E' 4½° square

SKU 6506001



F 3/4 Rabbit - peripheral attached controls, flowers and tail - 11° square

SKU 6506002



F 7/8 Traffic lights - vertical controls, red and green lights - 5½°V 1°H

SKU 6506004



F 9/10 House - central controls, 2 trees - 6½° square

SKU 6506005



F 13/14 Mrs. Bruin - peripheral controls, pail and broom - 9°V 10°H

SKU 6506007



F 15/16 Mrs Mouse - vertical controls, parasol and tail - 9°V 7½°H

SKU 6506008



F 17/18 Mickey Mouse - vertical controls, mallet and nail - 9½° square

SKU 6506009



F 27/28 Jumbo - peripheral controls, boat and sandcastle - 9½°V 12°H

SKU 6506014



F 31/32 Frog - peripheral controls, dragonflies and waterlilies - 9°V 15°H

SKU 6506016



F 39/40 Black cat - peripheral vertical controls, head and tail - 15°V 8°H

SKU 6506020



F 41/42 Black cat - peripheral vertical controls head and tail - 3½°V 1½°H

SKU 6506021



F 47/48 Girl on stairs - central controls, picture and cat - 12°Ø

SKU 6506024



F 49/50 Yacht - peripheral controls, 2 seagulls - 6°V 7°H

SKU 6506025



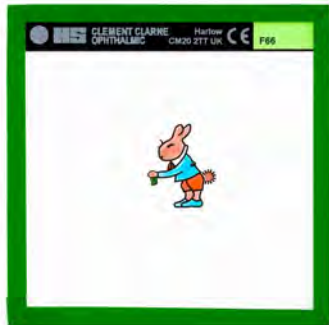
F 57/58 Lighthouse - peripheral controls, 2 keepers - 11°V 9°H

SKU 6506029



F 59/60 Bear - peripheral vertical controls, honeypot and tub - 6½°V 3°H

SKU 6506030



F 65/66 Rabbit - peripheral controls, flower and tail - 7° square

SKU 6506033



F 69/70 House - central controls, two trees - 3½° square

SKU 6506035



F 71/72 Fox - central vertical controls, red jacket and blue trousers - 7° square

SKU 6506036



F 77/78 Watering can - peripheral controls, fork and flowerpot - 4°V 6½°H

SKU 6506039



F 79/80 Tree - peripheral controls, bird and rabbit - 4°V 5½°H

SKU 6506040



F 81/82 Apple - peripheral controls, cherries and strawberry - 5°V 6½°H

SKU 6506041



F 87/88 Plate - central controls, knife and fork - 4½°V 5°H

SKU 6506044



F 89/90 Test type - central controls, two letters - 3½°V 1°H

SKU 6506045



F 91/92 Pink elephant - peripheral controls, glass and bottle - 6° square

SKU 6506046



F 93/94 Chalet - central controls, man and woman - 7° square

SKU 6506047



F 95/96 Clown - peripheral controls, club and ball - 9°V 7°H

SKU 6506048



F 99/100 Cat - peripheral controls, butterfly and tail - 11°V 16°H

SKU 6506050



F 103/104 Mother rabbit - peripheral controls, two baby rabbits - 7½°V 7°H

SKU 6506052



F 107/108 Palm tree - peripheral controls, boy and girl - 6°V 5°H

SKU 6506054



F 111/112 Bear - peripheral controls, two baby bears - 7° square

SKU 6506056



F 117/118 Post-box - peripheral controls, two envelopes - 4° square

SKU 6506059



F 119/120 Rabbit - peripheral controls, flower and tail - 2½° square

SKU 6506060



F 123/124 Donkey - peripheral controls, carrot and tail - 5° square

SKU 6506062



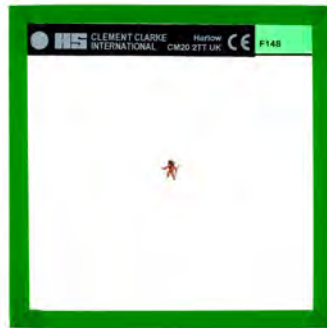
F 137/138 Helicopter - central controls, door and star marking - 2½°V 5°H

SKU 6506069



F 145/146 Cowboy - central controls, gun and lasso - 7°V 7½°H

SKU 6506073



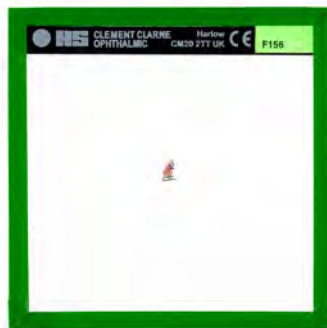
F 147/148 Red Indian - central controls, axe and bow - 1½°V 2°H

SKU 6506074



F 151/152 Witch - peripheral controls, pumpkin and corn sheaf - 15° square

SKU 6506076



F 155/156 Mouse - peripheral controls, ears and tail - 2°V 1°H (macular)

SKU 6506078



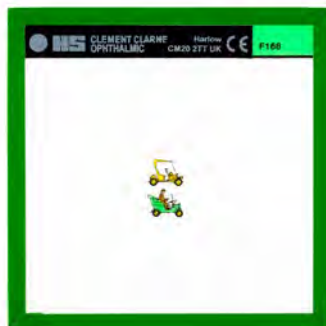
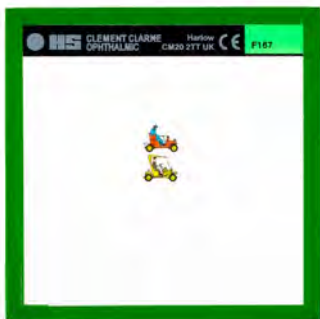
F 161/162 Charlie Chaplin - peripheral controls, flower and stick - 1½°V 1°H
(Suitable for use with Haidinger's brushes)

SKU 6506081



F 165/166 Snowman in circle - peripheral controls, brush and stick - 3½°V 0°H
(Suitable for use with Haidinger's brushes)

SKU 6506083



F 167/168 Vintage cars - peripheral controls, two cars - 7½°V 3°H

SKU 6506084



F 177/178 Bubble car - central controls, two men - 7°V 13°H

SKU 6506088



F 191/192 Seahorse - peripheral controls, shell and starfish - 3° square

SKU 6506095



F 207/208 Bubble car - central controls, two men - 4°V 8°H

SKU 6506103



F 213/214 Car - peripheral controls, tree and dog - 7½°V 10°H

SKU 6506106



F 227/228 Yogi Bear - peripheral controls, Boo Boo and cake - 8°V 8½°H

SKU 6506113



F 229/230 Yogi Bear - peripheral controls, apple and banana - 6°V 5°H

SKU 6506114



F 231/232 Huckleberry Hound - peripheral controls, hat and whip - 8°V 6°H

SKU 6506115



F 243/244 Prehistoric car - central controls, Fred and Wilma - 9°V 12°H

SKU 6506121

Slide Series G & H

Simultaneous perception (red binding)

The first grade of Binocular Single Vision (BSV), Simultaneous Perception (SP), is tested using two dissimilar pictures, such as a lion and a cage. The tubes are adjusted objectively (by the examiner) and subjectively (by the patient) so that either the lion is perceived to be inside the cage or one image is suppressed. Each slide size has been calculated to subtend a different angle at the nodal point of the eye.

Please note, visual angles are approximate; 'V' = Vertical, 'H' = Horizontal.



G 1/2 Soldier (12°V 2½°H) and sentry box (15°V 9½°H)

SKU 6508001



G 3/4 Lion (7°V 11°H) and cage (11°V 14°H)

SKU 6508003



G 5/6 Spider (7°V 7°H) and web (11°V 11°H)

SKU 6508005



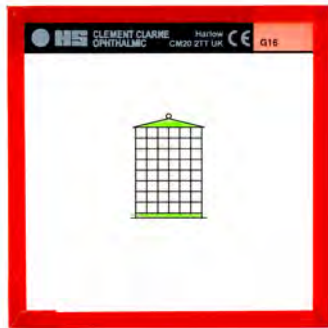
G 7/8 Car (5½°V 8½°H) and garage (11°V 13°H)

SKU 6508007



G 13/14 Butterfly (4°V 6°H) and net (7°V 7°H)

SKU 6508013



G 15/16 Parrot (7°V 5°H) and cage (9°V 6°H)

SKU 6508015



G 17/18 Fish (6°V 8°H) and bowl (9°V 10½°H)

SKU 6508017



G 19/20 Cockerel (5½°V 4°H) and house (9°V 14°H)

SKU 6508019



G 21/22 Pig (6°V 4°H) and sty (8°V 10°H)

SKU 6508021



G 23/24 Chicks (5½°V 8°H) and cage (9°V 11½°H)

SKU 6508023



G 25/26 Sailor (1°V 1°H) and ladder (6°V 1°H)

SKU 6508025



G 27/28 Sun (1°V 1°H) and corona (2½°V 2½°H)

SKU 6508027



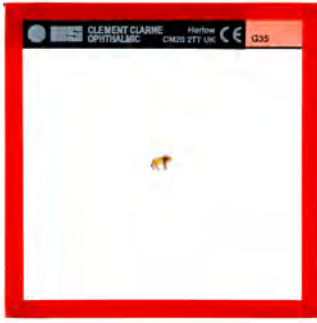
G 29/30 Engine (1°V 1°H) and frame (4½°V 4½°H)

SKU 6508029



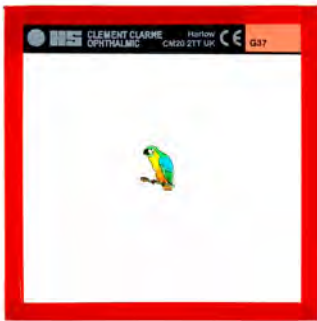
G 33/34 Aeroplane (2½°V 9°H) and hanger (8°V 13½°H)

SKU 6508033



G 35/36 Lion (1°V 1½°H) and cage (1½°V 2°H)

SKU 6508035



G 37/38 Parrot (4°V 3°H) and cage (5°V 3½°H)

SKU 6508037



G 41/42 Policeman (3°V 1½°H) and sentry box (4°V 3°H)

SKU 6508041



G 43/44 Kennel (4½°V 4°H) and dog (3°V 2°H)

SKU 6508043



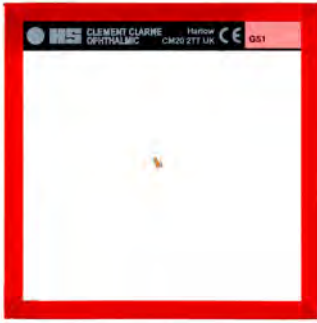
G 45/46 Football (1½°V 1½°H) and net (2½°V 4°H)

SKU 6508045



G 47/48 Fish (1½°V 2°H) and tank (2½°V 3°H)

SKU 6508047



G 51/52 Mouse (1°V 1°H) and three squares (1½°V 4°H)

SKU 6508051



G 55/56 Lorry (8°V 6½°H) and garage (11°V 13°H)

SKU 6508055



G 59/60 Tractor (3°V 6°H) and barn (5°V 7°H)

SKU 6508059



G 61/62 Rabbit (1°V ½°H) and three circles (1½°V 6°H)

SKU 6508061



G 63/64 Flowerpot (5°V 4°H) and window (6½°V 8°H)

SKU 6508063



G 65/66 Flowerpot (2½°V 2°H) and window (3½°V 4°H)

SKU 6508065



G 67/68 Mouse ($2\frac{1}{2}^{\circ}\text{V}$ 4°H) and mousehole (8°V 13°H) - macular

SKU 6508067



G 73/74 Cross (1°V 1°H) and square (1°V 1°H)

SKU 6508073



G 75/76 Cross (3°V 3°H) and square (3°V 3°H)

SKU 6508075

Slide Series H

Simultaneous perception continued (red binding)

The series H slides allow gradual visual angles to be used in the presence of aniseikonia, when there is a difference in the perceived size of images.

Please note, visual angles are approximate; 'V' = Vertical, 'H' = Horizontal.



H 1/2 Soldier ($7\frac{1}{2}^{\circ}\text{V}$ $1\frac{1}{2}^{\circ}\text{H}$) and sentry box ($9\frac{1}{2}^{\circ}\text{V}$ 6°H)

SKU 6510001



H 3/4 Soldier (6°V 1°H) and sentry box ($7\frac{1}{2}^{\circ}\text{V}$ 5°H)

SKU 65010003



H 5/6 Soldier ($2\frac{1}{2}^{\circ}\text{V } 1\frac{1}{2}^{\circ}\text{H}$) and sentry box ($3^{\circ}\text{V } 2^{\circ}\text{H}$)

SKU 6510005



H 7/8 Lion ($4\frac{1}{2}^{\circ}\text{V } 7\frac{1}{2}^{\circ}\text{H}$) and cage ($7^{\circ}\text{V } 9\frac{1}{2}^{\circ}\text{H}$)

SKU 6510007



H 9/10 Lion ($3\frac{1}{2}^{\circ}\text{V } 6^{\circ}\text{H}$) and cage ($5\frac{1}{2}^{\circ}\text{V } 7^{\circ}\text{H}$)

SKU 6510009



H 11/12 Lion (2°V 3°H) and cage (3°V 4°H)

SKU 6510011

Slide Series S

Special purpose slides (blue binding)

These special purpose slides are used to assess Abnormal Retinal Correspondence (ARC). Using the illumination settings on the Synoptophore, horizontal and vertical alignment can be achieved in the presence of steady foveal fixation.



S 1/2 - Animation slide - Pony and trap

(To be used with automatic flashing unit set at ALT (alternating) with light and dark controls at the same number)

SKU 6512001



S 3/4 Rabbit - After-image slide - one horizontal streak and one vertical streak, each with central red fixation mark

(These slides have one matt surface which must be placed nearest the patient)

SKU 6512002



S 5 - Single slide on transparent film of black spot
(For use with Haidinger's Brushes)

SKU 6512003



S 6 - Alternative after-image slide - cross

SKU 6512004

Mayou Series (blue binding)

The Mayou slides are designed for patients with ocular symptoms which require orthoptic treatment. The patient places a target into large boxes and the box size is gradually decreased in order to compensate for latent convergence, divergence or convergence deficiency. The Mayou slides are only sold in a set of eight.

Set of 8 Mayou slides

SKU 6413002



Slide No. 1 15° red square with three small squares in centre



Slide No. 2 15° red square with one small square in centre



Slide No. 3 12° red square



Slide No. 4 9° red square



Slide No. 5 6° red square



Slide A - 1° rocking horse



Slide B - 1° ball

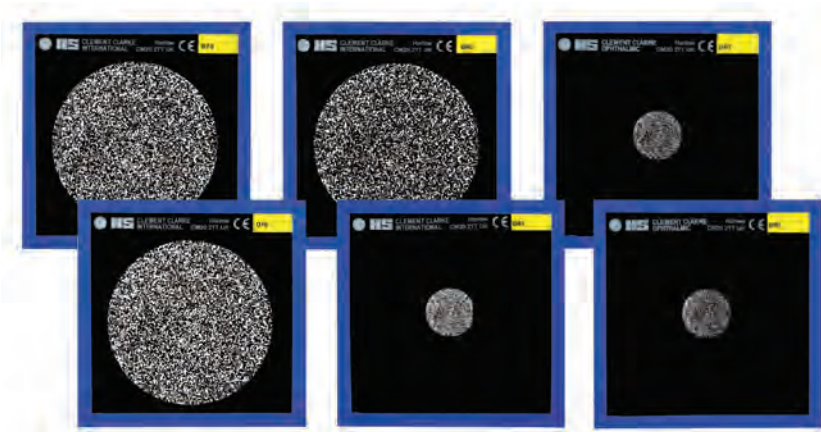


Slide C - 1° boat

Set of Braddick Random Dot graded stereo slides (blue binding)

Both gross and detailed targets can be used to establish whether or not stereoscopic vision is present in patients with manifest strabismus. The Braddick Random Dot Slides provide a means of measuring stereoacuity, using disparities ranging from 720 to 90 seconds of arc.

The slides, seen stereoscopically, will produce a C, H or +. A key card is provided to help younger children identify the shape.

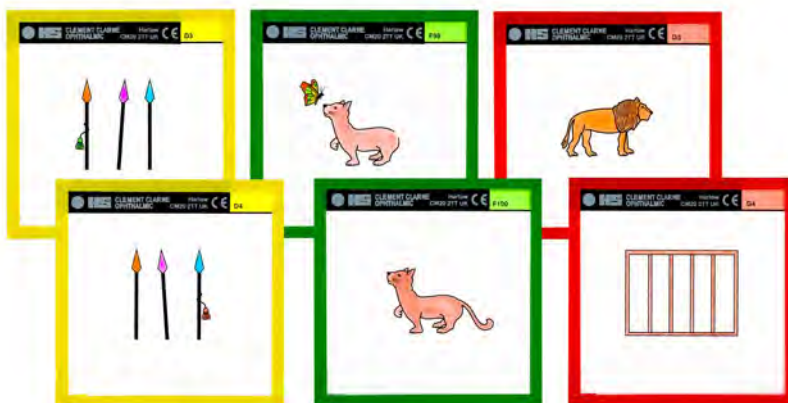


Slide No. 1 15° red square with 3 small squares in centre

SKU 6414005

Slide Sets

The Synoptophore slide sets contain 12 sets of complementary slides which can be used with any of the Clement Clarke Synoptophore models. They contain some of the most commonly requested slides and offer fantastic value for money.



Set of 12 pairs of slides for 2001 Synoptophore (D 3/4, D55/56, D59/60, D71/72, F9/10, F99/100, F155/156, F201/202, G3/4, G13/14, G27/28, G59/60)

SKU 6411001



Set of 12 pairs of slides for 2002 and 2003 Synoptophore (D 5/6, D51/52, D61/62, D71/72, F31/32, F71/72, F81/82, F177/178, G15/16, G47/48, G55/56, G65/66)

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