



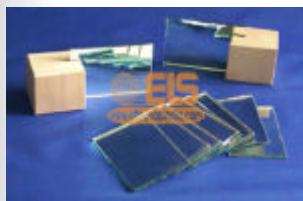
Lenses & Mirror

Plane Mirrors, Glass, Unmounted (ELP.106.117)

Back silvered, with protective coating.

Size (mm.)

- A. 75 x 25 mm.
- B. 75 x 75 mm.
- C. 100 x 75 mm.
- D. 150 x 25 mm.
- E. 150 x 50 mm.
- F. 150 x 100 mm.



Mirror Support block (ELP.106.118)

Simple wooden block 50 x 50 x 50 mm. with slot to take mirrors. Especially intended for ELP.106.117 but equally suitable for the other mirrors in the range.



Circular mirror (ELP.106.119)

Plane, circular, smooth edge Black, silvered, with protective coating.

Diameter

- A. 50 mm.
- B. 75 mm.
- C. 100 mm.



Concave mirror (ELP.106.120)

Diameter 50 mm. Spherical, optically worked and back heavily silvered, unmounted.

Focal Length

- .01 100 mm.
- .02 150 mm.
- .03 200 mm.
- .04 300 mm.



Concave mirror (ELP.106.121)

Diameter 60 mm. Spherical, optically worked and back heavily silvered, unmounted.

Focal Length

- .01 100 mm.
- .02 150 mm.
- .03 200 mm.
- .04 300 mm.

Concave Mirror (ELP.106.122)

Diameter 75 mm. Spherical, optically worked and back silvered, unmounted.

Focal Length



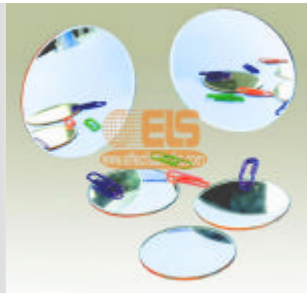
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- .01 100 mm.
- .02 150 mm.
- .03 200 mm.
- .04 300 mm.

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Convex Mirror (ELP.106.123)

Diameter 50 mm. Spherical, optically worked and back silvered, unmounted.

Focal Length

- .01 100 mm.
- .02 150 mm.
- .03 200 mm.
- .04 300 mm.

Convex Mirror (ELP.106.124)

Diameter 60 mm. Spherical optically worked, and back silvered, unmounted.

Focal Length

- .01 100 mm.
- .02 150 mm.
- .03 200 mm.
- .04 300 mm.

Convex Mirror (ELP.106.125)

Diameter 75 mm. Spherical optically worked, and back silvered, unmounted.

Focal Length

- .01 100 mm.
- .02 150 mm.
- .03 200 mm.
- .04 300 mm.

Convex / Concave Mirror (ELP.106.126)

Spherical mounted in metal frame with base and thumb screw vertical stand and heavy painted base. (Any Focal length from 100 to 300 mm.)

Diameter mm.

- .01 75
- .02 100
- .03 150

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Spherical Mirror (ELP.106.127)

Stainless steel dia. 150 mm x 75 mm high polished inside and outside.



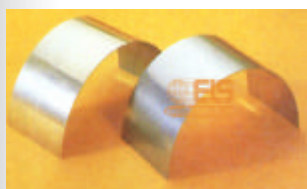
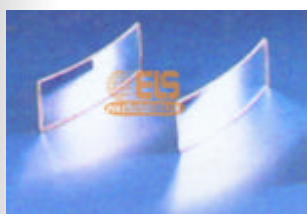
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Cylindrical Concave Mirror (ELP.106.128)

Semi circular mirror, 75 mm dia. 25 mm high. Made of glass.

Cylindrical Convex Mirror (ELP.106.129)

Semi circular mirror, 75 mm dia. 25 mm high. Made of glass.

Cylindrical Mirror (ELP.106.130)

Semi circular concave mirror, 150 mm dia x 75 mm high. Made of stainless steel and polished on inside surface.

Lenses, Double Convex (ELP.106.131)

Spherical, optically worked glass, with ground edges , highly polished.

	Diameter mm.	Focal Length in mm.
.01	38	50
.02	38	100
.03	38	150
.04	38	200
.05	38	250
.06	38	300
.07	38	500
.08	38	1000
.09	50	50
.10	50	100
.11	50	150
.12	50	200
.13	50	250
.14	50	300
.15	50	500
.16	50	1000
.17	75	100
.18	75	200
.19	75	250
.20	75	300
.21	75	500
.22	75	1000

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Lenses Double Concave (ELP.106.132)

Spherical, optically worked glass, with ground edges highly polished.

	Diameter mm.	Focal Length in mm.
.01	38	50
.02	38	100
.03	38	150
.04	38	200
.05	38	250
.06	38	300
.07	38	500
.08	38	1000
.09	50	50
.10	50	100
.11	50	150
.12	50	200
.13	50	250
.14	50	300
.15	50	500
.16	50	1000
.17	75	100
.18	75	200
.19	75	250
.20	75	300
.21	75	500
.22	75	1000



Lenses, Set of Six (ELP.106.133)

50 mm. diameter with ground and polished faces and ground edges. One each of the following typical shapes.

Double convex, plano-convex, converging concavo convex, diverging concavo-convex, double concave, plano-concave. Supplied in a velvet lined box.



Meniscus Lenses (ELP.106.134)

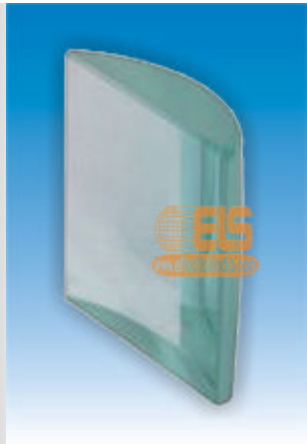
50 mm. diameter meniscus lenses, suitable for demonstrating correction of eyesight defects. As supplied with the model eye kit.

	Power, dioptres
.01	+11
.02	+8
.03	+5.5
.04	+2.5
.05	-3

Lenses Cylindrical, Plano convex (ELP.106.135)

Optically worked faces, ground edges. refractive index 1.52 approx.

	Size mm.	Focus mm.	Power
.01	50 x 50	60	+16D
.02	50 x 50	75	+14D



.03 50 x 50 100 +10D
.04 50 x 50 150 +7D

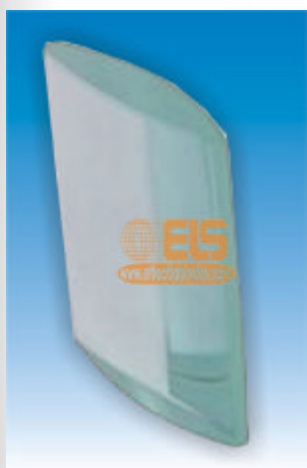


Lenses cylindrical, Plano concave (ELP.106.136)

Clear Glass with ground ends and optically worked faces. 50 x 50 mm. Suitable for use with ray optics kit.

Focal length (mm)

.01 60
.02 150
.03 300

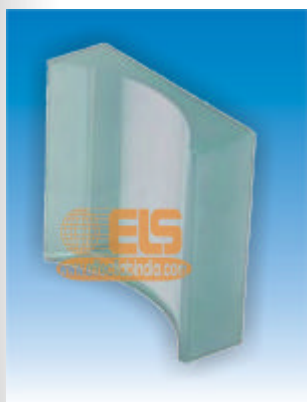


Lens, Cylindrical, Double Convex (ELP.106.137)

Clear Glass Ground and polished faces edges ground, 50 mm. high x 45 mm. wide, focal length 80 mm. approximately.

Focal length (mm)

.01 75
.02 150
.03 200



Lens, Cylindrical, Double concave (ELP.106.138)

Clear Glass Ground and polished faces, edges ground, 50 mm. high x 45mm. wide, focal length 80 mm. approximately.

Focal length (mm)

.01 75
.02 150
.03 200

Lens Holder Wooden (ELP.106.139)

To take lenses or mirrors up to 76mm. diameter. Comprising an upright 100 mm. high, with a V-shaped slot to hold a convex or concave lens, mounted on a rectangular base 100 x 50 mm. An index mark is engraved on each end of the base.

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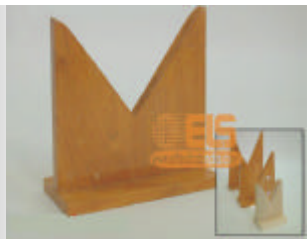
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PHYSICS



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Lens Holder (ELP.106.140)

Comprising metal holder with sides grooved to hold lens or mirror of 50 mm dia.



Lens Holder Spring Pattern (ELP.106.141)

Spring pattern to hold mirror or lens of 50 mm dia. V Groove in centre of holder. Mounted into 6 mm metal rod which fits into standard optical bench mounts and stands supplied with bakelite base.



Lens Holder Metal (ELP.106.142)

Casted light metal for lens upto 25 mm to 63 mm dia. With v arms mounted on stem 9.5 mm dia.

Lens Holder Plastic (ELP.106.143)

Round made of unbreakable plastic material to take lens or mirror upto 50 mm dia.

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