

BRUNNINGS

(HOLBORN) LTD

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MARCH 1980ASTRONOMICAL TELESCOPE ACCESSORY LISTTELESCOPE MIRRORS

4" diameter SPHERICAL MIRROR approx $\frac{3}{8}$ " thick, 31" focus with RECTANGULAR FLAT $1\frac{1}{4}$ " x $\frac{3}{8}$ " ALUMINISED AND READY FOR USE	£18.50
SPARE $1\frac{1}{4}$ " x $\frac{3}{8}$ " FLAT	80p

ALUMINISED (PARABOLIC) NEWTONIAN MIRRORS IN PLATE GLASS

6" diameter 48" FOCAL LENGTH COMPLETE WITH ELLIPTICAL FLAT	£36.00
8" diameter 64" FOCAL LENGTH COMPLETE WITH ELLIPTICAL FLAT	£48.06

THE ABOVE CAN BE SUPPLIED IN OTHER LENGTHS TO ORDERALUMINISED (PARABOLIC) NEWTONIAN MIRRORS IN LOW EXPANSION GLASS

6" diameter 48" FOCAL LENGTH COMPLETE WITH ELLIPTICAL FLAT	£62.50
8½" diameter 51" FOCAL LENGTH COMPLETE WITH ELLIPTICAL FLAT	£110.40

ASTRONOMICAL MIRROR KITS TO MAKE

6½" diameter 1" thick PARABOLOID FOCAL LENGTH 48"

The low expansion glass mirror blank has the correct curve generated on the better face, and requires only two grades of smoothing powder, supplied to prepare for polishing. The tool is also correctly curved and there is no need to check the radius of curvature of the mirror during work. FULL ILLUSTRATED INSTRUCTIONS ARE PROVIDED. THE FINISHED

MIRROR AND DIAGONAL CAN BE ALUMINISED AT CURRENT PRICES	...	...	...	...	...	...	...	...	...	...	£29.00
TO MAKE 8 $\frac{1}{2}$ " diameter X 51 FOCAL LENGTH MIRROR	...	...	...	...	...	...	...	...	...	...	£51.90
8" diameter & 6" diameter MIRROR CELL CASTINGS	...	...	...	...	...	...	...	...	...	...	£16.50
DIAGONAL MOUNTS	...	...	...	...	...	...	...	...	...	...	£8.00

PLATE GLASS CIRCULAR BLANKS (For customers wishing to gring their own Mirrors)

6" X $\frac{3}{4}$ "	...	...	...	...	...	...	...	each	...	...	£4.55
6" X 1"	...	...	...	...	...	...	...	each	...	...	£6.00
8" X $\frac{3}{4}$ "	...	...	...	...	...	...	...	each	...	...	£6.25
8" X 1"	...	...	...	...	...	...	...	each	...	...	£9.15

ALUMINISED ELLIPTICAL FLATS (BEST QUALITY)

36mm {1 $\frac{1}{8}$ "}	MINOR AXIS	...	...	...	...	each	...	...	£12.98
44mm {1 $\frac{3}{8}$ "}	MINOR AXIS	...	...	...	...	each	...	...	£19.05
50mm {2"}	MINOR AXIS	...	...	...	...	each	...	...	£23.80

ALUMINISED & SILICONE COATING CUSTOMERS OWN MIRRORS & FLATS

4" diameter	...	...	£3.65	Cleaning off old surface	...	...	...	...	61p
6" diameter	...	...	£6.40	" " " "	...	...	...	...	78p
8" diameter	...	...	£9.49	" " " "	...	...	...	...	87p
10" diameter	...	...	£14.53	" " " "	...	...	...	...	95p
12" diameter	...	...	£19.39	" " " "	...	...	...	...	£1.05

ALUMINISED ELLIPTICAL FLATS

1 $\frac{1}{4}$ "	...	...	...	...	...	...	...	...	...	£2.09
1 $\frac{3}{8}$ "	...	...	...	...	...	...	...	...	...	£2.09
2"	...	...	...	...	...	...	...	...	...	£3.46

CARBORUNDUM POWDERS

GRADE 80	...	...	in 500 gram packets	...	...	...	...	£3.95
GRADE 220	...	...	" " "	...	...	...	...	£3.95
GRADE 400	...	...	" " "	...	...	...	...	£3.95
GRADE 600	...	...	" " "	...	...	...	...	£6.00

POLISHING POWDER

CERIUM OXIDE	approximately 50 gram	...	...	...	...	£1.15
SWEDISH PITCH	approximately 2 lb.	...	...	...	...	£3.65

SPECIAL LOW PRICE 24.5mm PUSH FIT ASTRO EYEPIECES

22mm FOCAL LENGTH	KELLNER	Ref KE22	...	...	...	...	£6.34
20mm " "	HUYGHENIAN	Ref H20	...	...	...	...	£5.07
12.5mm " "	"	Ref H12.5	...	...	...	...	£5.07
9mm " "	"	Ref HM9	...	...	...	...	£5.07
6mm " "	"	Ref H6	...	...	...	...	£5.07
4mm " "	RAMSDEN	Ref SR4	...	...	...	...	£5.07

RAMSDEN 24.5mm PUSH FIT ASTRO EYEPIECE

20mm FOCAL LENGTH	...	...	Ref R20	...	...	...	...	£7.45
5mm " "	...	...	Ref SR5	...	...	...	...	£6.95

HUYGHENIAN 24.5mm PUSH FIT ASTRO EYEPIECES

30mm FOCAL LENGTH	...	...	Ref H30	...	...	...	...	£10.40
25mm " "	...	...	Ref HM25	...	...	...	...	£10.40
18mm " "	...	...	Ref HM18	...	...	...	...	£10.40

ACHROMATIC HUYGHENIAN 24.5mm PUSH FIT ASTRO EYEPIECE

40mm FOCAL LENGTH	...	...	Ref AH40	...	...	...	...	£18.55
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ORTHOSCOPIC 24.5mm PUSH FIT ASTRO EYEPIECES

25mm FOCAL LENGTH	...	...	Ref OR25	...	...	...	...	£19.06
18mm " "	...	...	Ref OR18	...	...	...	...	£18.16
12.5mm " "	...	...	Ref OR12.5	...	...	...	...	£18.16
9mm " "	...	...	Ref OR9	...	...	...	...	£18.16
7mm " "	...	...	Ref OR7	...	...	...	...	£19.41
6mm " "	...	...	Ref OR6	...	...	...	...	£18.16
5mm " "	...	...	Ref OR5	...	...	...	...	£20.01
4mm " "	...	...	Ref OR4	...	...	...	...	£18.16

KELLNER 24.5mm PUSH FIT ASTRO EYEPIECES

25mm FOCAL LENGTH	...	...	Ref K25	...	...	...	...	£13.85
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ERFLE WIDE FIELD 31.7mm (1¼") PUSH FIT ASTRO EYEPIECE CONT'D

RACK & PINION FOCUSING MOUNT SUITABLE FOR REFLECTING TELESCOPES TO FIT 31.7mm EYEPIECES	...	...	...	...	£20.85
STAR DIAGONAL TO FIT 24.5mm EYEPIECES	...	...	...	...	£8.80
SUN DIAGONAL TO FIT 24.5mm EYEPIECES	...	...	...	...	£8.80
SUN FILTER TO FIT MOST 24.5mm EYEPIECES	...	...	...	...	£2.25
MOON FILTER TO FIT MOST 24.5mm EYEPIECES	...	...	...	...	£2.25
ERECTING PRISM TO FIT 24.5mm EYEPIECES	...	...	...	...	£15.60
X1.5 ERECTING EYEPIECE TO FIT 24.5mm EYEPIECES	...	...	...	...	£8.00
X2 ACHROMATIC BARLOW LENS TO FIT 24.5mm EYEPIECES	...	...	...	...	£10.55
X2 NON ACHROMATIC BARLOW LENS TO FIT 24.5mm EYEPIECES	...	...	...	...	£5.05
X3 ACHROMATIC BARLOW LENS TO FIT 24.5mm EYEPIECES	...	...	...	...	£21.45
SUN PROJECTION SCREEN TO FIT TASCOS ASTRONOMICAL TELESCOPES	...	...	...	...	£11.20
TASCOS CAMERA ADAPTOR TO FIT ANY LIGHTWEIGHT CAMERA	...	...	...	...	£18.10
PRAKTIKA CAMERA ADAPTOR WILL FIT ANY TELESCOPE TUBES WITH AN OUTSIDE DIAMETER OF 25.5mm	...	...	...	...	£42.85
CAMERA ADAPTOR TO FIT SINGLE LENS REFLEX CAMERAS WITH 42mm THREAD AND TELESCOPES MADE BY THE CARTON OPTICAL CO.	...	...	...	...	£15.85
STAR SPECTROSCOPE TO FIT ON TO MOST 24.5mm EYEPIECES	...	...	...	...	£69.00

FINDER TELESCOPES

6 X 30 FINDER TELESCOPE WITH CROSSWIRE EYEPIECE, BRACKET AND CENTERING SCREWS, TO FIT ON TO AN 80mm DIAMETER TUBE	...	...	£18.45
6 X 30 FINDER TELESCOPE, AS ABOVE BUT WITHOUT BRACKET AND CENTERING SCREWS	...	...	£15.00

OBJECT GLASSES

PLEASE LET US HAVE DETAILS OF YOUR REQUIREMENTS AND WE WILL QUOTE IF AVAILABLE

PLANISPHERES

5" diameter	FOR LATITUDE	51½°N	USEFUL ZONE.	(46½°N - 56½°N)	£1.25
10" diameter	"	"	"	"	£2.00
10" diameter	"	42°N	"	(37°N - 47°N)	£2.00

BOOKS AND MAPS

PHILIPS CHART OF THE STARS	...	...	...	...	...	...	...	£1.25
PHILIPS MOON ATLAS	...	...	...	...	...	...	...	85p
STARS AT A GLANCE	...	...	...	...	...	...	...	75p
1980 YEARBOOK OF ASTRONOMY	...	...	...	...	...	...	...	£3.50
MAKE YOUR OWN TELESCOPE	...	...	...	...	...	...	...	0/P
NORTON'S STAR ATLAS	...	...	...	...	...	...	...	£6.50
POPULAR STAR ATLAS	...	...	...	...	...	...	...	£1.75
ASTRONOMY DATA BOOK	...	...	...	...	...	...	...	£6.95
MATHEMATICAL ASTRONOMY WITH A POCKET CALCULATOR	...	...	...	...	...	...	...	£8.50
MATHEMATICAL ASTRONOMY FOR AMATEURS	...	...	...	...	...	...	...	£4.50
ASTRONOMICAL TELESCOPES AND OBSERVATORIES FOR AMATEURS	...	...	...	...	...	...	...	£5.75
USING THE TELESCOPE, A HANDBOOK FOR ASTRONOMERS	...	...	...	...	...	...	...	£4.95
WIDENING HORIZONS	...	...	...	...	...	...	...	£2.50
THE RADIO UNIVERSE	...	...	...	...	...	...	...	£2.25
TELESCOPE MAKING FOR BEGINNERS	...	...	...	...	...	...	...	£2.00
THE YOUNG ASTRONOMER AND HIS TELESCOPE	...	...	...	...	...	...	...	£2.50
MODERN ASTRONOMY	...	...	...	...	...	...	...	£4.50
NIGHT SKIES OF THE YEAR	...	...	...	...	...	...	...	£1.25

ALL ITEMS ON THIS LIST ARE OFFERED SUBJECT TO AVAILABILITY

PLEASE ADD POSTAGE, FOR EXAMPLE, EYEPIECES 30p, MIRRORS AND MIRROR
BLANKS: £1.50, MIRROR KITS £1.50 & £3.00, SMALL ACCESSORIES 30p,
BOOKS £1.50, PLANISPHERES 25p.

ALL PRICES EXCEPT BOOKS INCLUDE VAT AT 15%