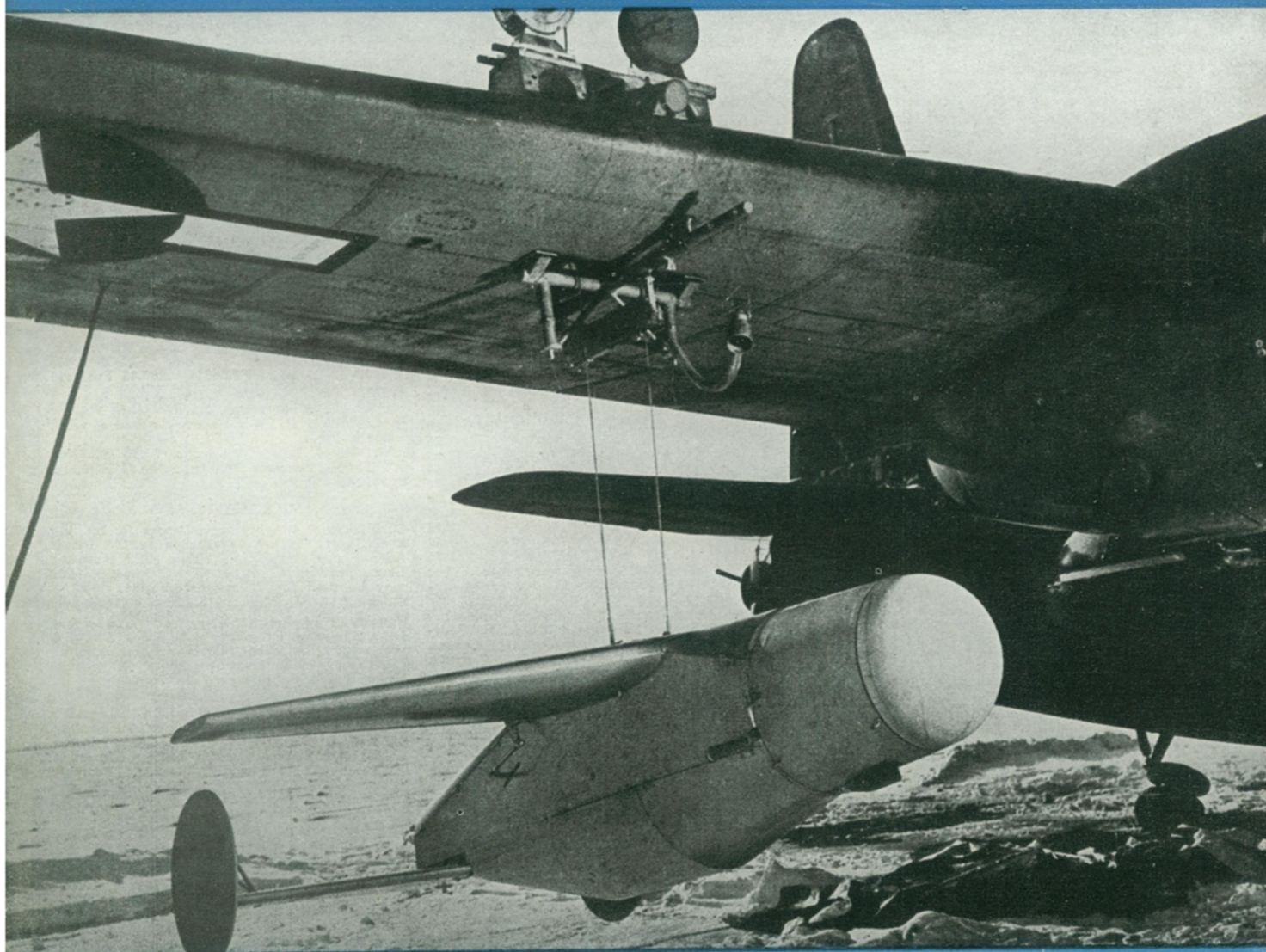


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# SCIENCE NEWS LETTER

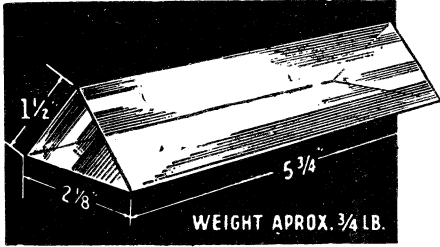
THE WEEKLY SUMMARY OF CURRENT SCIENCE • DECEMBER 29, 1945



Self-Guided  
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A SCIENCE SERVICE PUBLICATION

# WAR BARGAINS in LENSES and PRISMS



### SILVERED TANK PRISM

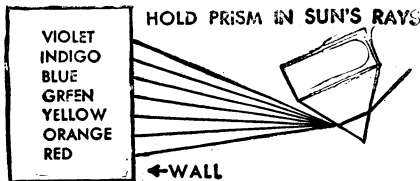
Stock No. 3004-Q-----\$2.00 each Postpaid

### PLAIN TANK PRISM

Stock No. 3005-Q-----\$2.00 each Postpaid

FOUR TANK PRISMS—Special—\$7.00 Postpaid

The most sensational bargain we have ever been able to offer.



## TANK PRISMS

In order that the tank driver shall not get shot in the face, 2 of these Silvered Prisms are used to make a Periscope. We have secured a number of these that are very slightly chipped, making possible their sale at a very low price. They are 90-45-45 degree Prisms of huge size—5 3/4" long, 2 1/2" wide, finely ground and polished. Used to build a Periscope . . . excellent also for experiments, classroom demonstrations. Some of our ingenious customers have used these prisms to make camera stereo attachment, range finder, etc. Prism easily converted into desk name plate by affixing gold letters. 100 gold letters supplied at only 10c. (Order Stock No. 3008-Q.) Normally these prisms would retail from \$24 to \$30 each.

TO SEE THE COLORS OF THE SPECTRUM hold a plain tank prism in sun's rays as shown in drawing. White incident light which passes through prism is thus broken up into a band of primary colors known as the spectrum—a beautiful sight! By looking through a tank prism at a certain angle you can see a world of colors everywhere. Truly amazing!

All items Finely Ground and Polished but Edges Slightly Chipped or Other Slight Imperfections Which We Guarantee Will Not Interfere with Their Use. Come Neatly Packed and Marked.

TO KEEP POSTED on all our new Optical Items, send 10c and your name and address to get on our regular "Flash" mailing list.

### REMARKABLE VALUE! \$141.01 WORTH OF PERFECT LENSES FOR ONLY \$10.00

Complete System from Artillery Scope (5X) . . . 9 Lenses, low reflection coated, ABSOLUTELY PERFECT. Diameters range from 1 1/3 inches to 2 1/5 inches. Used for making Telescope and hundreds of other uses.

Stock #5019-Q-----\$10.00 Postpaid

14-POWER COLOR CORRECTION MAGNIFIER SET—Consists of 2 Achromatic Lenses and section of metal tubing for mount.

Stock #1044-Q-----\$1.55 Postpaid

OPTICS FROM 4-POWER PANORAMIC TELESCOPE—Excellent condition. Consists of Objective Prism, Dove Prism, Achromatic Objective Lens, Amici Roof Prism, Eye Lens Set ( . . . a \$60.00 value)

Stock #5016-Q-----\$6.00 Postpaid

### ALL THE LENSES YOU NEED TO MAKE YOUR OWN TELESCOPE! ALL ARE ACHROMATIC LENSES

GALILEAN TYPE—Simplest to Make but has Narrow Field of View.

Stock

#5018-Q—4 Power Telescope...\$1.25 Postpaid

#5004-Q—Small 2 Power Pocket Scope

\$1.00 Postpaid

TERRESTRIAL TYPE — Have Much Wider Field of View than Galilean Type.

Stock

#5007-Q—11 Power Telescope \$3.20 Postpaid

#5008-Q—20 Power Telescope...\$3.45 Postpaid

PRISM TELESCOPES—Uses Prism instead of Lenses to Erect Image and are much shorter than Terrestrial Type. Have wide field of view.

Stock

#5010-Q—6 Power Telescope...\$3.00 Postpaid

#5011-Q—11 Power Telescope...\$3.25 Postpaid

#5012-Q—20 Power Telescope...\$7.25 Postpaid

### MICROSCOPE SETS

Consisting of 4 Achromatic Lenses for making a 40 Power Pocket Microscope or 140 Power regular size Microscope. These color corrected Lenses will give you excellent definition and may be used for Micro-photography.

Stock #1037-Q-----\$3.00 Postpaid

Consisting of Prism, Mirror and Condensing Lens. These used together with Stock #1037-Q will make an excellent Micro-projector enabling you to get screen magnification of 400 to 1000 Power according to screen distance.

Stock #1038-Q-----\$2.00 Postpaid

### MONOCULAR SET OF LENSES AND PRISMS . . . from Navy's 7 x 50 binocular.

All the optics you need to make a 7 Power Monocular. Buy 2 sets to make a Binocular. Stock #5100-Q . . . . . \$5.00 Postpaid

38-PAGE DIRECTION BOOK "HOMEBUILT BINOCULARS" ----- 50c Postpaid

## TANK PERISCOPE

### Complete Set Mounted Components

Rugged, strong, originally constructed for U. S. Tank Corps. Consists of 2 fine Periscope Mirrors mounted in metal and plastic. Perfect condition. Only plywood body frame is required to finish this exceptional periscope. First surface mirror is well protected by glass windows. Set weighs 2 1/2 lbs. Overall length of mount 6 1/2", width 2 1/2". Would normally retail at \$40 to \$50. Stock #700-Q \$3 Complete Set Postpaid

TWO SETS (4 UNITS) SPECIAL ----- \$5.50 Postpaid

### SPECIALS IN LENS SETS

Set #1-Q—"Our Advertising Special"—15 lenses for \$1.60 Postpaid, plus 10-page idea booklet. For copying, ULTRA CLOSE-UP SHOTS, macrophotography, experimental optics, magnifying and for making a two power f/16 Telephoto Lens, "Dummy Camera," Kodachrome Viewer, DETACHABLE REFLEX VIEWFINDER for 35 mm. cameras stereoscopic viewer, ground glass and enlarging focusing aids, TELESCOPES, low power Microscopes and for many other uses.

### NEW 50-PAGE IDEA BOOK "FUN WITH CHIPPED EDGE LENSES"

Contains wide-variety of projects and fully covers the fascinating uses of all Lenses and in sets listed above . . . only \$1.00 Postpaid.

SPECTROSCOPE SETS . . . These sets contain all Lenses and Prisms you need to make a Spectroscope plus FREE 15-page Instruction Booklet.

Stock #1500-Q Hand Type Spectroscope \$3.45 Postpaid

Stock #1501-Q Laboratory Type Spectroscope \$6.50 Postpaid

THICK FIRST SURFACE MIRROR—From Range-finder—size 78 x 94 mms.—1/2" thick very flat optical glass. May have very slight scratch on chromium and aluminum coated surface. A \$60.00 value.

Stock #538-Q-----\$2.00 Postpaid

CLEANING BRUSH SET—12" flexible, plastic, hollow handle, circular construction. 4 brushes to set, range stiff to soft. Stock #504-Q (Reg. \$6.00 value)-----Price \$1.00

RAW OPTICAL GLASS—An exceptional opportunity to secure a large variety of optical pieces, both Crown and Flint glass (seconds) in varying stages of processing. Many prism blanks.

Stock #703-Q 8 lbs. (Minimum weight) \$5.00 Postpaid

Stock #702-Q 1 1/2 lbs.-----\$1.00 Postpaid

MAGNIFIER SET—5 magnifying Lenses—Powers from 1 to 10.

Stock #1026-Q-----\$2.00 Postpaid

RETICLE SET—5 assorted, engraved reticles from U. S. Gunsights.

Stock #2035-Q-----\$1.00 Postpaid

### ACHROMATIC LENSES

Stock No.	Dia. in mms.	F.L. in mms.	Price
6158-Q*	18	80	\$1.00
6159-Q	23	51	1.25
6161-Q	24	48	1.25
6162-Q	25	122	1.25
6164-Q*	26	104	.80
6165-Q	27	185	1.00
6166-Q	29	54	1.25
6168-Q	29	76	1.25
6169-Q	31	122	1.50
6171-Q	32	171	1.00
6173-Q*	34	65	1.00
6176-Q*	38	181	1.00
6177-Q*	39	63	1.10
6178-Q*	45	189	1.50
6179-Q*	46	78	1.25

\* ASTERISKED ITEMS are uncemented, but FREE cement and Directions included with uncemented sets.

USES—Use these Lenses for making Projecting Lenses, Low Power Microscope Objectives, corrected Magnifiers, substitute enlarging Lenses, Eye-Piece Lenses, Macro-photography, Gadgets, Optical Instruments, etc., etc.

LENS CLEANING TISSUE—One Ream—480 sheets. Size 7 1/2" x 11". Stock #704-Q \$1.50 post-paid.

**PRISMS:** If you mount right angle Prism in front of Camera Lens and point camera straight ahead, you can take shot to left or right side without subject's knowledge. Technique successfully used by famous Press Photographers.

Stock No.	Type	Base Width	Base Length	Price
3040-Q	Right Angle	33 mms.	23 mms.	\$ 1.00
3042-Q	Right Angle	41 mms.	40 mms.	1.00
3045-Q	Right Angle	70 mms.	168 mms.	8.00
3001-Q	Lens Surface	20 mms.	14 mms.	2.00
3006-Q	Porro-Abbe	9 mms.	9 mms.	.25
3009-Q	Porro	52 mms.	25 mms.	1.00
3010-Q	Porro	43 mms.	21 mms.	.50
3016-Q	Pentagon	45 mms.	22 mms.	.75
3029-Q	Dove	16 mms.	65 mms.	1.25
3036-Q	80 Degree Roof	60 mms.	36 mms.	4.00
6136-Q	Rhomboid	20 mms.	17 mms.	.50
3049-Q	Right Angle	69 mms.	167 mms.	10.00
3047-Q	Right Angle	53 mms.	103 mms.	4.00
3038-Q	Roof Prism	18 mms.	34 mms.	2.50

ORDER BY SET OR STOCK NO.

• SATISFACTION GUARANTEED

• IMMEDIATE DELIVERY

# EDMUND SALVAGE COMPANY, P. O. Audubon, New Jersey