



### Rulers

#### Stainless Steel Rulers

Flexible, sturdy stainless steel rulers have a cork back for safe, nonskid use. Graduations are marked in 1/16" and centimeters. Made in the USA.



#### CORK BACK STAINLESS STEEL RULER [606]

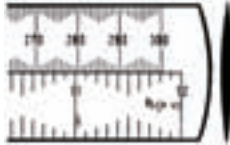
- GC2F-PRO-7720-18..... 18" stainless steel ruler
- GC2F-PRO-7720-24 ..... 24" stainless steel ruler

#### STRAIGHT EDGE RULERS [606]

- GC2F-ENGLISH RULER..... 12" Fairgate English/metric ruler
- GC2F BEVLED RULER 18..... 18" Beveled ruler
- GC2F-FAI-20-136..... 36" aluminum ruler
- GC2F-FIS-8837-7095..... 36" wooden yardstick
- GC2F-110-3 36"..... 36" metal straight edge
- GC2F-20-148 48..... 48" metal straight edge
- GC2F-113-6 72..... 72" metal straight edge

#### Alvin 12" Two-Bevel Direct Reading Metric Conversion Flat Scale

12"/300mm scale for direct reading of inches to metric (mm) and metric to inches. Front side: 12" divided into 10ths, 30cm graduated in mm. Reverse side: 12" divided into 16ths, 30cm graduated in mm. Die-engraved graduations on flexible white plastic.



#### DIRECT READING METRIC CONVERSION FLAT SCALE [606]

- SAL 340M..... 12" scale, inches to metric

#### C-Thru Graph Ruler

Transparent ruler with sixteenth to the inch marking on one edge and metric scale on the opposite edge.

#### C-THRU GRAPH RULER [606]

- GC2F-CTH- 18 ..... 6" C-Thru co-ed, inch marking/metric scale ruler
- GC2F-CTH- 36 ..... 12" C-Thru co-ed, inch marking/metric scale ruler
- GC2F-CTH-B-50..... 6" C-Thru Standard Beveled Graph Ruler
- GC2F-CTH-B-85..... 18" C-Thru Standard Beveled Graph Ruler

### Triangles

#### Smoked Acrylic Triangles

Smoked Acrylic Triangles with double-ink edge are precision molded of acrylic co-polymer material .10" thick of exact angles and durability. Soft transparent smoke tint improves contrast for easy visibility.



#### SMOKED ACRYLIC TRIANGLES, 30°/60° [606]

- G7202-8..... 8" smoked acrylic triangle
- SAL SK360-8..... 8" smoked acrylic triangle
- G7202-10..... 10" smoked acrylic triangle
- G7202-12..... 12" smoked acrylic triangle
- SAL SK360-12..... 12" smoked acrylic triangle

#### SMOKED ACRYLIC TRIANGLES, 45°/45° [606]

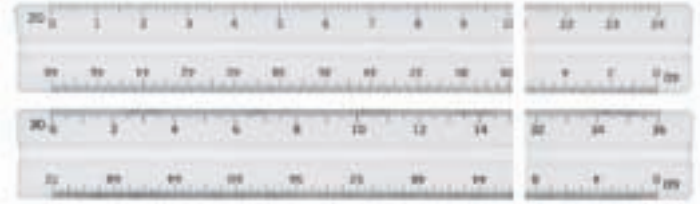
- G7203-6..... 6" smoked acrylic triangle
- G7203-8..... 8" smoked acrylic triangle
- G7203-10..... 10" smoked acrylic triangle

#### SMOKED ACRYLIC TRIANGLES, 45°/60° [606]

- SAL SK450-12..... 12" smoked acrylic triangle
- SAL SK450-6..... 6" smoked acrylic triangle

#### Scale Rulers

Series 110 All-Plastic Student/Vocational Triangular Scales. Budget-priced 12" triangular scale. Made of satin-finished impact plastic with easy-to-read die-imprinted graduations that will not wear or rub out.



#### SERIES 110 ALL PLASTIC STUDENT VOCATIONAL TRIANGLE SCALES [606]

- SAL 110P ..... 12" triangular student ruler



#### ENGINEER SCALE RULERS [606]

- GC2F-E/A RULER 12"..... 12" engineer/architect ruler
- GC2F-160-34 12" ..... 3/32" x 3" Engineer triangular scale, plastic
- G3276-E12 ..... 12" Engineer triangular scale, plastic
- GC2F-338 6"..... 6" engineer triangular pocket scale

#### ARCHITECT SCALE RULERS [606]

- G3272..... 12" architect triangular scale, school grade
- GC2F-160-31 12" ..... 12" 10-60 division architect triangular scale, plastic
- GC2F-337 6"..... 6" architect triangular pocket scale

#### Centering Rulers



#### CENTERING RULER [606]

- SRULER 36" FAIRGATE..... 36" Fairgate center find ruler
- GC2F-23-112 12" ..... 12" aluminum centering ruler
- GC2F-23-124 24" ..... 24" aluminum centering rule
- GC2F-23-136 36" ..... 36" aluminum centering rule

#### Clear Acrylic Triangles

Clear Acrylic Triangles with square edges are precision molded of a highly transparent co-polymer material .08" thick to meet federal specifications for thickness and accuracy, combining clarity with long life.



#### CLEAR ACRYLIC TRIANGLES, 30°/60° [606]

- GC3060-6"..... 6", 30/60° clear acrylic triangle
- GC3060-8"..... 8", 30/60° clear acrylic triangle
- GC3060-10"..... 10", 30/60° clear acrylic triangle
- GC3060-12"..... 12", 30/60° clear acrylic triangle
- GC3060-14"..... 14", 30/60° clear acrylic triangle
- GC3060-18"..... 18", 30/60° clear acrylic triangle

#### CLEAR ACRYLIC TRIANGLES, 45°/45° [606]

- GC4590-6"..... 6", 45° clear acrylic triangle
- GC4590-8"..... 8", 45° clear acrylic triangle
- GC4590-10"..... 10", 45° clear acrylic triangle
- GC4590-12"..... 12", 45° clear acrylic triangle
- GC4590-14"..... 14", 45° clear acrylic triangle
- GC4590-18"..... 18", 45° clear acrylic triangle



### T & L Squares

#### Wood/Clear T-Squares

Professional T-squares with a clear acrylic edge.

#### WOOD T-SQUARE [606]

SBEST J400027 TSQR ..... Wood/acrylic T-square, 24"  
SBEST J400029 TSQR ..... Wood/acrylic T-square, 36"  
SBEST J400030 TSQR ..... Wood/acrylic T-square, 42"

#### 8.5" x 1.5" Clear L-Square

A transparent plastic square. Each leg is calibrated in sixteenths to the inch and centimeters. Printing is laminated on clear materials.

#### CLEAR L-SQUARE [606]

GC2F-CTH-L808 ..... 1.5" X 8.5" Clear L-Square

#### Aluminum T-Squares

Practical T-Square features blade constructed of hard aluminum with a tough plastic head. Blade calibrates in 16th and 8ths. Head calibrates to 8ths inch.

#### ALUMINUM T-SQUARE [606]

GC2F 63-112 12"..... Aluminum T-square, 12"  
GC2F 63-124 24"..... Aluminum T-square, 24"  
GC2F 63-136 36"..... Aluminum T-square, 36"  
GC2F-129T 48" ..... 48" Metal T-square

#### T-SQUARE DRAFTING RULER [606]

GC2F-PRO-7870-24..... 24" Pro Art Alum. T-square Drafting Ruler



### Drawing Instruments



#### Alvin Basic Bow Combination Compass

6" pencil compass with pivot design for adjustments, and split leg for interchangeable pen, pencil and divider parts. Center wheel adjusts for circles up to 10"; slip handle for spare ruling pen. Extra lead, needle point and bolt. Nickel finish resists stains and tarnish.

#### BASIC BOW COMBINATION COMPASS [606]

SAL 505 ..... Alvin Basic box combination compass



#### Basic-Bow Combination Compass with Beam Bar

Same as #505 above, but with beam bar extension for circles up to 20"

#### BASIC-BOW COMBINATION COMPASS [606]

SAL 505V ..... Alvin Basic Compass w/beam bar

#### 5½" Octagon Ruling Pen

Features hardened nickel plated tool steel nib with balanced club-style handle.



#### 5½" OCTAGON RULING PEN [606]

SAL 924 ..... 5½" Octagon Ruling Pen

#### 5½" Spring Blade Ruling Pen

Hardened nickel plated tool steel nib with spring blade design. Black plastic handle.



#### 5½" SPRING BLADE RULING PEN [606]

SAL 959 ..... 5½" spring blade ruling pen

#### 6" Swedish Detail Pen

Single-piece nickel plated pen w/steel nib, black plastic handle, spring construction.



#### 6" SWEDISH DETAIL PEN [606]

SAL 996 ..... Nickel plated 6" Swedish detail pen

#### Circular Protractors

Circular Protractors are plastic with a blue tint, bevel edge and open center. Precision divided in 360°.



#### CIRCULAR PROTRACTOR [606]

G8220-4 ..... 4" diameter circular protractor  
G8220-8 ..... 8" diameter circular protractor

#### Semi Circular Protractors

Semi-Circular Protractors are plastic with a blue tint, bevel edge and open center. Precision divided in 180°.

#### PLASTIC SEMI-CIRCULAR PROTRACTOR [606]

G8222-4 ..... 4" diameter semi-circular protractor  
G8222-8 ..... 8" diameter semi-circular protractor

#### Acu-Arc® Adjustable Curves

Flexible, shape-holding butyrate plastic that can be finger-shaped to any curve for accurate drawings. One edge is flat to surface for pencil, the other has a bend for ruling pen.



#### ADJUSTABLE CURVES [606]

SAL 1033-24 ..... Acu-Arc 24" adjustable curve  
SAL 1033-48 ..... Acu-Arc 48" adjustable curve

#### FLEXIBLE CURVES [606]

GC2F-FC-24 ..... Pro Art 24" flexible curve

#### Graduated Flexible Curve cm/in 12"

Constructed of clear polyvinyl with a lead and steel core with imprinted graduated measurements; one side in inches, the other side in centimeters. Individually blister carded.

#### FLEXIBLE CURVE GRAD CM/IN RULER [606]

GC2F-PRO-FCG-12 ..... 12" Flexible Curve Grad cm/in Ruler  
GC2F-PRO-FCG-20 ..... 20" Flexible Curve Grad cm/in Ruler

#### Burmester Curve Set

The Burmester Curves Set contains three plastic curves, .08" thick.

#### BURMESTER CURVE SET [606]

G8252 ..... Burmester curve set, 12", 6.5", 5"



### Beginner's Arch Drafting Kit

A convenient way for students to eliminate guesswork, save time, and work with consistent equipment. Replacement of missing or broken items is quick and easy, because they are standard stock.

Contains one of each of the following: 12" plastic architectural scale, 12" x 16" vinyl pouch, lettering guide pad, 6" compass, 6" divider, 10" 30°/60° triangle, 8" 45°/90° triangle, 6" protractor 6¾" french curve, soft pencil eraser, lead holder, mini lead pointer, erasing shield, three pack 2.0mm lead, shrink-wrapped for retail display.



### ARCHITECT'S DESIGNER KIT [606]

SAL BDK-1A..... Architect's Designer Kit: Arch. Scale, Compass, Etc

### Drawing Outfit

Designed to meet the varying needs of students of architectural, engineering and mechanical drawing, advertising layout art, etc., at the junior high, vocational, high school and college levels.

Packaged in nylon carrying case. Contains: 6" bow pencil compass and divider, 8" x 24" drawing board with metal edges, 24" transparent edge T-square, 8" 45°/90°, 10" 30°/60° triangles, 6" semicircular protractor, 12½" irregular curve, 12" architects' triangular scale\*, sandpaper pointer pad, 2H and 4H pencils, sharpener, soft pencil eraser, art gum eraser, erasing shield, 3/4" x 10 yard roll of drafting tape and freehand lettering guide pad.



### DRAWING OUTFIT SET [606]

SAL SD505..... Drawing Outfit

### School Set

Set Includes a 3-in-1 protractor featuring a swing arm pointer to draw angles, 6" ruler and 180 degree protractor. A 12"/30cm shatter resistant foldable/extendible ruler. Battery operated calculator with large 8-digit LCD screen, easy multiplication, division, addition and subtraction. Easy-grip plastic compass including a pencil and safety needle point. Blistercarded.

### STARTDLER MARS SCHOOL SET [606]

GC2F-STD-969BK4..... School Set

### Alvin 4-Piece Creative Center

**Onyx Drawing Table** - White base with 30" x 42" white Melamine® top. Height adjusts from 29" to 44" in horizontal position. Angle adjusts from 0° to 45°.

**Pneumatic Office Chair** - Black upholstered seat with height and depth adjustable backrest. Gas cylinder mechanism adjusts height from 16½" to 21½".

**Swing Arm Lamp** - 6 ½" white metal shade. Takes 100W bulb. Spring arm and knob. Arm length extends to 32". Locks securely in any position.

**Storage Tray** - Sturdy, multi-compartment black plastic side tray to hold all your supplies. Installs either left or right side. 31½" long and 6" wide.

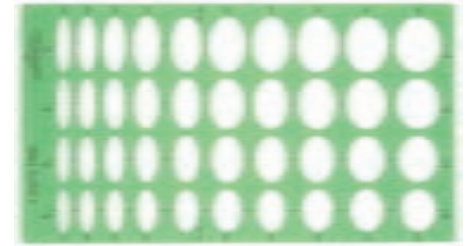


### CREATIVE CENTER [606]

SAL CC2001A ..... Creative Ctr: Table, Swvl Chair, Lamp, Table Caddy

### C-Thru Ellipse Templates

C-Thru ellipse templates are made out of durable, translucent green, flexible plastic.

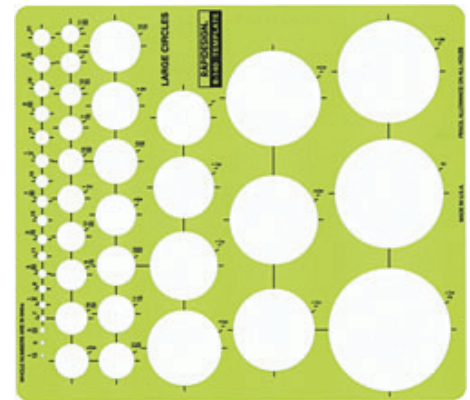


### ELLIPSE MASTER TEMPLATE [606]

GC2F-R77 ..... Ellipse Master Template - 25, 35, 45 And 60 degrees  
GC2F-R78 ..... Ellipse Master Template - 20, 30, 40 And 50 degrees

### Large Circle

Contains 45 circles, diameter size 1/16" to 2-1/4" in varying increasing increments. Size: 7-3/16" x 8-3/16" x .030.



### LARGE CIRCLE TEMPLATE [606]

GC2F-LARGE CIRCLE ..... Large Circle Template

### Square Template

Contains 42 squares from 1/16" to 1-1/2". Sizes from 1/16" to 3/8" in increments of 1/64", from 3/8" to 3/4" in 1/32" increments, from 3/4" to 1-1/8" in 1/16" increments, and from 1-1/8" to 1-1/2" in 1/8" increments. Size: 5" x 9-1/2" x .030".

### SQUARE TEMPLATE [606]

GC2F-SQUARE TEMPLATE.. Square Template - 25, 35, and 45 degrees

### Rotring Koh-I-Noor Radiograph®

The special design raises the template from the drawing surface, eliminating any smudges or smears and producing clean, professional results.



### TEMPLATE [606]

G851035..... General Scale: pocket size rule with 6" scales in 10ths and 16ths, with cutouts for making sketches and drawings.



## DRAWING BOARDS, LAMPS & LIGHT BOXES

### Drawing Boards

#### Drawing Boards

DB Series: Solid-core construction with T-metal edges to prevent warping.

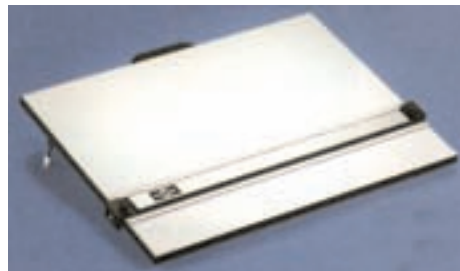


#### **DRAWING BOARDS [606]**

SAL DB114..... Drawing board 18" x 24"  
SAL DB118..... Drawing board 24" x 36"

### PXB Laminated Parallel Straightedge White Boards

Provides the convenience of a studio work surface in a compact, portable unit with a warp-free white Melamine® laminate surface. Each board is equipped with springloaded hardware to accommodate paper, vellum or cardboard. Tractor feet make it easy to set up on any flat surface. The raised reinforcing bar serves as a convenient pencil ledge and the parallel straightedge eliminates the need for a T-square.



#### **PXB LAMINATED PARALLEL STRAIGHTEDGE WHITE BOARDS [606]**

SAL PXB24..... Straight edge drawing board 18" x 24"  
SAL PXB36..... Straight edge drawing board 24" x 36"

### Quill Sketch Board

Brown sketch board with a silver clip to hold sketch pads in place and a thick rubber band to hold pages in place. Oval hole for hand grip.



#### **SKETCH BOARDS [606]**

GC2F-QIL-Q1818..... Quill sketch board, 18" x 18"  
GC2F-QIL-Q2326..... Quill sketch board, 23" x 26"

### Gridded Sketch Boards

#### **GRIDDED SKETCH BOARD W/CLAMP [606]**

SAL GB1516..... 15.5X16.5 Wht Ltwt 1/4" Gridded Sketch Brd. w/clamp  
SAL GB1819..... 18.5X19.5 Wht Ltwt 1/4" Gridded Sketch Brd. w/clamp

### Lamps & Lightboxes

#### Alvin Satin-Glow Lightbox

The light aperture seals and dissipates heat build-up from the work surface, discharging it through air flow convection ports for continuous operation. Satin-Glow is so thin (3") that no adjustment in table or drafting height is normally required.



#### **ALVIN SATIN-GLOW LIGHTBOX [606]**

SAL LB1824..... Lightbox, 18" x 24", 2-15w bulb

#### Porta-Trace Light Box

Uniform light distribution over the entire viewing area. Sturdy stainless steel frame boxes are only 3" thick. The 1/4" thick plexiglass top is mounted flush for uninhibited use of a straightedge. U.L. listed cord and on/off switch.



#### **PORTA-TRACE LIGHTBOX [606]**

SAL PT1118-2... 11" x 18", tilt legs. 2-15w lamps

#### Artograph Lightracer Box

Lightracer is an all-purpose art and craft light box for transferring designs and patterns. Use it for viewing, visualizing, stenciling, calligraphy, lettering, scrapbooking, quilting, needlework, stained glass, templates, embossing, and more. The 10" x 12" model comes with a 8W bulb and the 12" x 18" model comes with a 10W bulb.



#### **LIGHTTRACER LIGHT BOX [606]**

SAL 225-375..... 12" x 18" illuminated tracing surface  
SMG AT225365.. Artograph 10"x15", Light Tracer Box

#### Lite Source Super Combination Lamp

45" reach, includes an extra plug and adjustable clamp. Incandescent 100W and fluorescent 22W/included



#### **SUPER COMBO CLAMP LAMP [606]**

SLS LSC162-B.....

Incandescent/fluorescent adjustable clamp lamp, black  
SLS LSC162-W..... Incandescent/fluorescent adjustable clamp lamp, white

#### Glow Lamp

Adjustable 28" reach, fluorescent PL-13 13 W bulb included. Interchangeable filters: purple, green, blue.



#### **GLOW LAMP [606]**

SLS LSP707-B..... Fluorescent adjustable lamp with changeables filter colors, black

#### Cosmos Lamp

34" reach, made with space age material polycarbonate. Uses incandescent A Type 100W bulb. Three 6 1/2" shades in magenta, blue and teal.



#### **COSMOS LAMP [606]**

SLS LS125-B..... Swing lamp, w/magenta, blue, teal lamp shades, black arm.

#### 4" Lens Magnifier Lamp

36" reach, 3-diopter magnifier, incandescent 60W bulb not included

#### **4" LENS MAGNIFIER LAMP [606]**

SLS LSM184-B..... Black

#### 5" Lens Magnifier Lamp

45" reach, 3-diopter magnifier, fluorescent 22W included



#### **5" LENS MAGNIFIER LAMP [606]**

SLS LSM180-B..... Adjustable, 5" magnifying lens lamp, black

#### 4-way Clamp-on Swing Arm Lamp

34" reach, porcelain socket.

#### **4-WAY CLAMP-ON SWING ARM LAMP [606]**

SLS LS105-BLK..... Clamp-on swing arm lamp, black  
SLS LS105-W..... Clamp-on swing arm lamp, white