SWANSON®

Since 1925

Precision Accuracy

Swanson® History

The Inventor.....The Product......The Company

Albert J. Swanson, 1925

The Swanson Speed® Square and the "One Number"™ method of determining the angular pitch of a roof were first developed in 1925 by a carpenter name Albert J. Swanson. As his fellow tradesmen began to appreciate the ingenuity of his idea, they wanted their own Speed® Squares. Swanson began to hand make the squares to fill the requests for the tool. Demand for the work saving tool continued to grow and in 1930 the Swanson Speed® Square was first sold in interstate commerce. By 1945 Swanson started Swanson® Tool Company, Inc. to manufacture and sell the Swanson through recognized channels of distribution. His son, Ronald C. Swanson assumed control of the company in 1971 and added other quality tools to the line.
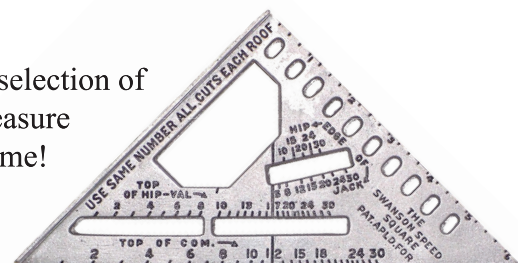
Today, Swanson® Tool Company continues to proudly manufacture and distribute the Swanson Speed® Square and other fine carpentry tools from its' headquarters in Frankfort, Illinois. Under the direction of the Allemand Family the Swanson® product line has been upgraded and expanded to meet the changing needs of its' contractors and do-it-yourself enthusiasts.

QUALITY YOU ASK FOR BY NAME®

A hammer, a screwdriver, a saw…how many tools are requested by name? The Swanson Speed® Square is one of the few tools whose name is known by contractors and do-it-yourself enthusiasts worldwide! We believe the exacting quality and accuracy of our product has kept the Swanson® name on the minds of our customers for more than 75 years.

Some of the recent upgrades included in the Speed® Square are finer gradations for better accuracy, black filled gradations for easier reading, matte finish to prevent glare and most recently the Diamond™ cut out. This feature makes layout work and seat cuts on common rafters easy and is one of the exclusive Trade Marks of the Swanson® Tool Company.

From the original Speed® Square to the complete selection of Swanson® tools our products are the definitive measure of quality and craftsmanship. Ask for them by name!

The first die-cast Speed® Square

Levels

LIGHTS UP

with 10 Minute Automatic Shut-Off
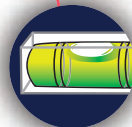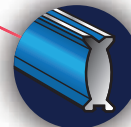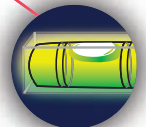
Super Bright LEDs simultaneously light all 3 vials for low-light areas

Professional box beam frame offers maximum durability

Durable block vials accurate to .029°.

V-grooved edge for working with round stock

Super Shock®

End caps provide maximum shock absorption

Lighted Box Beam Levels
Available Sizes:
BLL240 - 24" Lighted Box Beam Level
BLL480 - 48" Lighted Box Beam Level

	MAGNETIC	# of magnets
BLL24M - 24" Magnetic		6
Lighted Box Beam Level		
BLL48M - 48" Magnetic		12
Lighted Box Beam Level		

I.M.S® Technology

The Lightning™ Level combines our professional series box beam level design with the power of LED lighted technology. With the use of super bright LEDs, this professional box beam level directly lights all three vials, providing a solution to a common problem: accurately finding level in low-light spaces. The BLL series offers a unique 3-vial Lighted System that is constructed using a single electronic mechanism (on / off button). The on / off mechanism is durably installed into one of the SuperShock® end cap and is powered by two AAA batteries. In addition to the 3-vial Lighted System, the Lightning™ levels also contain a patent-pending auto-shutoff feature that automatically turns the LED Lighted System off after 10-minutes of continuous run time, to improve battery life.

In addition to the BRIGHTEST LEVEL SYSTEM available, the BLL Series offers industrial strength, multi-ring vials, accurate to .029°. The incredibly accurate multi-ring vials allow for the determination of easy pitch calculations, 2° and 4° of pitch. The BLL series levels are finished with SuperShock® end caps that are made form a proprietary polymer / rubber blend and absorb 5X more shock.

1/4" slope over 1 ft. of run approximately 4% grade

The rugged BLL series also incorporates a deep V-groove, for working with round stock and a square channel for working with squared corners. Available in multiple sizes and in both magnetic and non magnetic versions, the BLL series Lightning™ levels are the STRONGEST, BRIGHTEST most VERSATILE levels available.
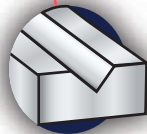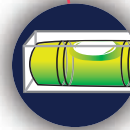
1/8" slope over 1 ft. of run approximately 2% grade

End caps provide maximum shock absorption

V-grooved edge for working with round stock

Durable block vials accurate to .029°.

Professional box beam frame offers maximum durability

Box Beam Levels
Available Sizes:
BBL240 - 24" Box Beam Level
BBL480 - 48" Box Beam Level
BBL720 - 72" Box Beam Level

	MAGNETIC	# of magnets
BBL24M	- 24" Magnetic Box Beam Level	6
BBL48M	- 48" Magnetic Box Beam Level	12

I.M.S® Technology

The BBL Series is composed of the highest grade professional Box Beam Levels. The BBL Series offers Swanson's® maximum duty aluminum frame, which houses industrial-strength acrylic block vials. These superior precision, multi-ring vials are accurate to .029° and also indicate proper drainage pitch for plumbers and landscapers. The BBL Series levels are finished with Super Shock® end caps that are made from a proprietary polymer/rubber blend and offer maximum shock absorption.

The body of the BBL Series also offers a deep V-groove, for working with round stock, and a square channel which allows the user to work with squared corners. The BBL Series is available in multiple sizes and both non-magnetic and magnetic versions. The magnetic version utilizes Swanson's® **I.M.S® Technology** to permanently enclose incredibly strong rare earth magnets. Permanently sealing magnets inside the frame of the level eliminates the potential of lost or corroded magnets.

1/4" slope over 1 ft. of run approximately 4% grade
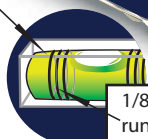
1/8" slope over 1 ft. of run approximately 2% grade
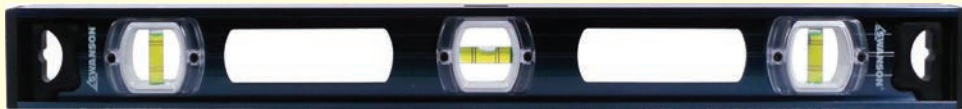
IBX Series

Manufacturer #:
IBX240 - 24" IBOX® Level
IBX480 - 48" IBOX® Level

Magnetic
Manufacturer #:
IBX24M - 24" IBOX® Level
IBX48M - 48" IBOX® Level
IBX78M - 78" IBOX® Level

IBL Series

Manufacturer #:
IBL240 - 24" I-Beam Level
IBL480 - 48" I-Beam Level

Magnetic
Manufacturer #:
IBL24M - 24" I-Beam Level
IBL48M - 48" I-Beam Level
IBL78M - 78" I-Beam Level

TRL Series

Manufacturer #:
TRL240 - 24" Top Read Aluminum Level
TRL480 - 48" Top Read Aluminum Level

Speedlite Series®

Manufacturer #:
PL0024 - 24" Speedlite® Composite Level
PL0048 - 48" Speedlite® Composite Level

48" Hardwood Laminate Level with Brass Trim

Manufacturer #:
HLBB48 - 48" Hardwood Level w/ Brass Trim

Levels

- SuperShock® end caps for superior shock absorption
- Durable block vials accurate to .029º
- Heavy duty IBox® frame offers superior durability
- Heavy duty solid frame resists warping
- Heavy-duty rubber end caps for Superior Shock absorption
- Full length strip magnet

- Shock resistant end caps
- Acrylic windows protect the vials from breakage
- High-grade aluminum frames

- Ruled edge for measuring
- Screwed tight vial covers
- High-impact composite frame

- Stronger than solid wood, will not malform

Torpedo Levels

- Durable, acrylic block vials

- 4 rare-earth magnets

- Durable die cast frame

I.M.S® Technology

- 6 strong rare-earth magnets internally sealed

Super Shock®

- Maximum shock absorption
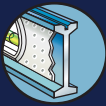
- Solid Aluminum frame
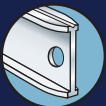
- Extruded Aluminum frame

- 3 strong rare- earth magnets
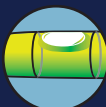
- Large, easy to read vials
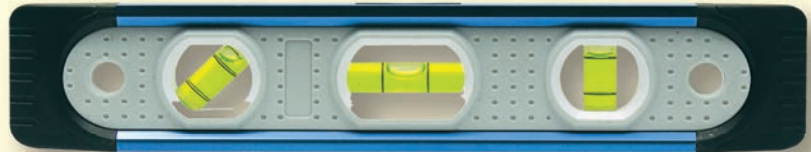
Professional

10" Magnetic Pro-Cast® Torpedo Level

Pro-Cast™

Manufacturer #: TL035M

Professional

9" Magnetic Shock Resistant Torpedo Level

Manufacturer #: TL009M

Heavy Duty

9" Magnetic Extruded Aluminum Torpedo Level

Manufacturer #: TL002M

www.swansontoolco.com

Heavy Duty ®

9" Magnetic Torpedo Level

Manufacturer #: TL001M
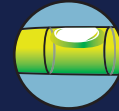
- Large, easy to read vials
- Full length strip magnet
- V-grooved for pipes

Homeowner

9" Magnetic Torpedo Level

Manufacturer #: TL021M

- Full length strip magnet
- Rubber endcaps for shock absorption
- Impact-resistant composite body

Homeowner

9" Speedlite® Torpedo Level

Manufacturer #: TL011

- High impact styrene composite
- Grooved for pipes
- 0° and 90° vials

Professional
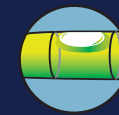
Manufacturer # TL043M

Lil' Savage®

Rare-earth magnets for Savage® Grip strength
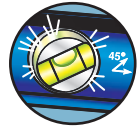
Brightview® Vial Surrounds

Machined Billet Aluminum

Unique Tri-Loc® design hold pipe
"Anti-Dog"

Offset Scale for 30º and 45º

Manufacturer # TL041M

Available in countertop display cartons
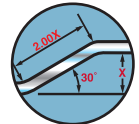
The Savage® (TL043M) Magnetic Torpedo Level is a Do-It-All level designed for every tradesman, carpenter, and Do It Yourself Enthusiast. The Savage® level offers a precision machined, solid billet aluminum frame that houses four leveling vials at 60˚, 90˚, 45˚, and 30˚(the 30˚ vial is perfect for 'kink-proofing' pipes). Swanson's exclusive sealed vial caps eliminate vial movement, and the Brightview® milled vial windows capture and reflect light into each vial for improved readability. In addition, the Savage® level provides an extra wide v-groove edge that accepts round stock & pipe up to 10" in diameter. The outer edges also feature precision laser-etched SAE/metric rules.

The Lil Savage® (TL041M) Magnetic Torpedo Level incorporates all the features of the Savage® level in a 6" framing. In addition, the Lil Savage® offers Tri-Loc® attachment for correctly bending conduit and other pipe. This "anti-dog" attachment offers a Swanson® exclusive "three points of contact" design that completely eliminates level movement.

Patents Pending

www.swansontoolco.com

WOOD MAGNET®

Heavy Duty HD®

3 Easy-to Read Vials ———

Hi-impact composite body

Cushioned Rubber Grip

Use with 4 x 4 posts and pipes up to 4" diameter.

Compress fits on any 2 x 4, 2 x 6, 2 x 8 and 2 x 12 material
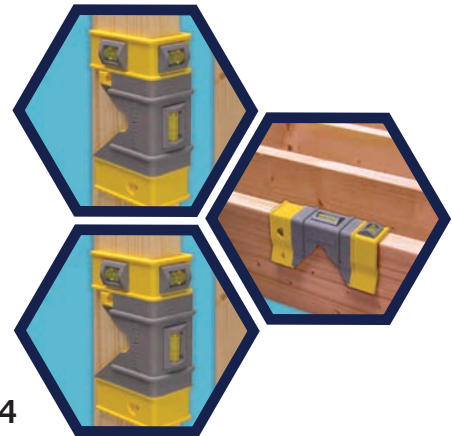
Manufacturer #: T04424

Heavy Duty HD®

Speedlite® Magnetic Post Level

- Level and plumb posts, flag poles, water pipes, railings and decks in one easy application.

Manufacturer #: PL001M

Homeowner

Cross Check Level

- Use to level machine tools, scales, pool tables and furniture

Manufacturer #: CCL001

Heavy Duty HD®

Magnetic Angle Finder

- Determine any angle quickly.
- Attach to straight edge or carpenter square for fast layout.

Manufacturer #: AF006M

Homeowner

Surface Level

- Use to level appliances, fence posts, tables and more.

Manufacturer #: SL0002

Heavy Duty HD®

4" Aluminum Line Level

- Heavy-duty aluminum construction.
- Snag-free open hooks allow free sliding of level.

Manufacturer #: LLA001

Homeowner

Speedlite® Line Level (2 Pack)

- Lightweight construction to minimize line sag.
- Snag-free open hooks allow free sliding of level.
- V-groove for use on pipe or conduit.

Manufacturer #: LLP002

The Speed® Square

Manufacturer #: S0101

1/4" spaced notches to facilitate scribing lines

Includes Diamond™ feature that makes layout work and seat cuts on common rafters easy!

Black gradations

Matte Finish to Prevent Glare

5 TOOLS IN ONE!

· Try Square

· Saw Guide

· Line Scriber

· Protractor

· Miter Square
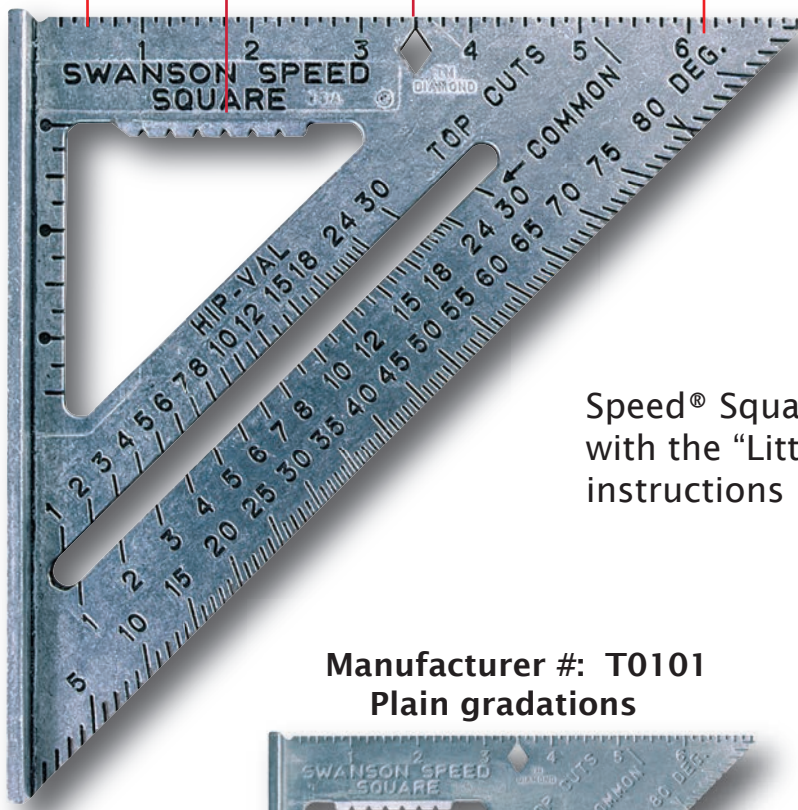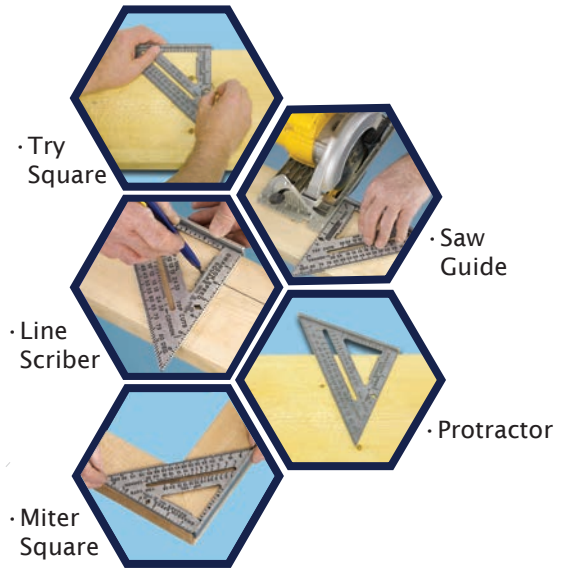
Speed® Squares are packaged with the "Little Blue Book" of instructions

Manufacturer #: T0101
Plain gradations
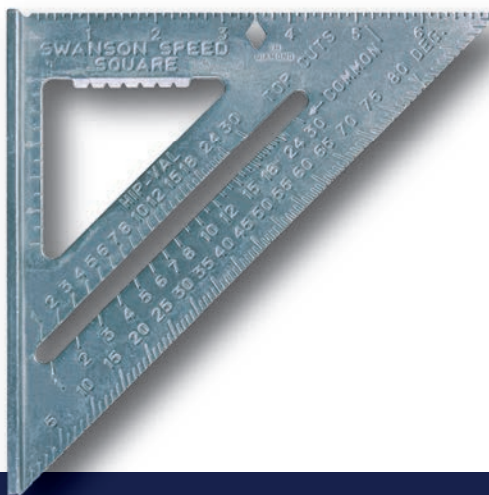
Available in Counter Displays.

Manufacturer#: DB101

Manufacturer#: DT101

Look for the Diamond-Shaped Cutout Design®
to ensure Swanson® products and quality!

Big 12® Speed® Square

1/4" spaced notches to facilitate scribing lines

Heavy Gauge Aluminum

Black gradations

Matte Finish to Prevent Glare

Manufacturer #: S0107
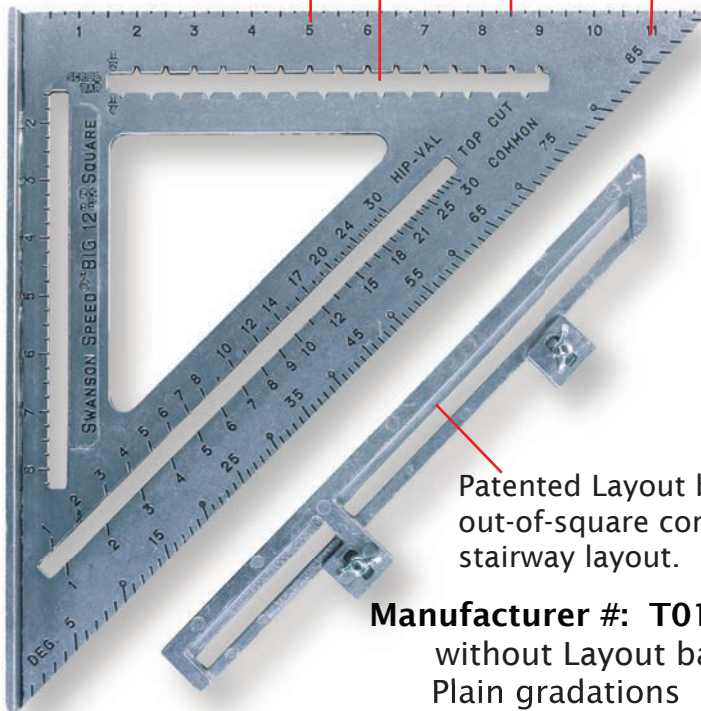
Patented Layout bar for out-of-square corners and stairway layout.

Manufacturer #: T0108
without Layout bar
Plain gradations
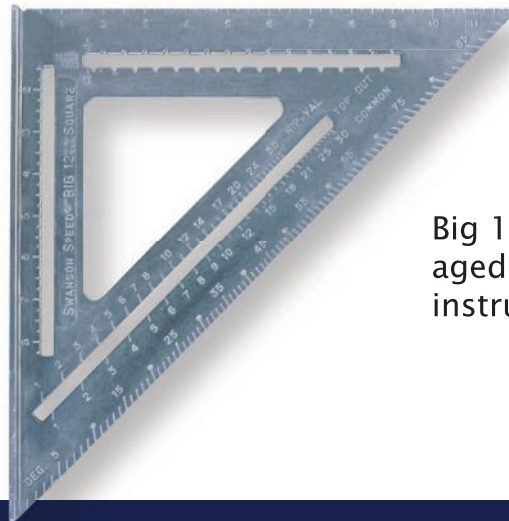
7 TOOLS IN ONE!

· Out of Square corners

· Saw Guide

· Try Square

· Stair Layout

· Miter Square

· Protractor

· Line Scriber
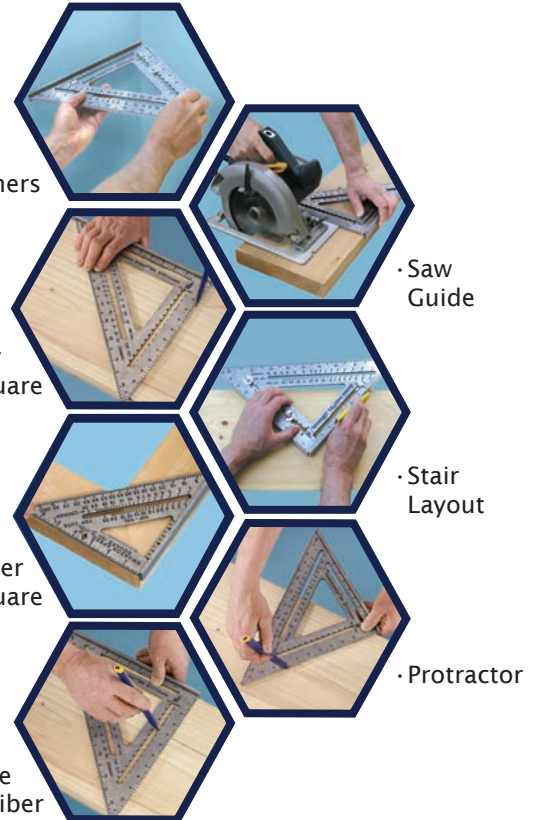
Big 12® Speed® Squares are packaged with the "Little Blue Book" of instructions

Great for deck framing and stairway building!

Speed® Squares

Manufacturer #: S0114
Swanson® Mag Square™

Full 10 5/8 square inch
magnetic surface.

High Grade Aluminum
Alloy, 3/16" thick
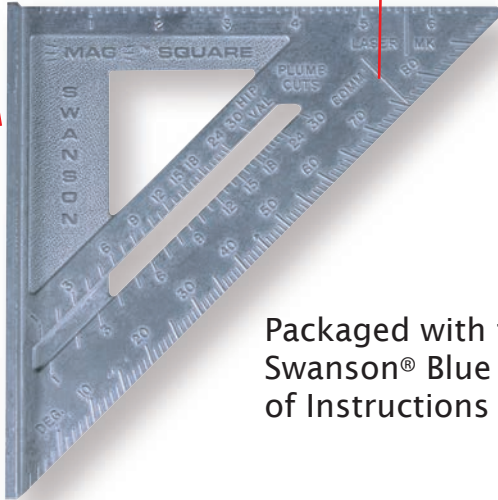
Packaged with the
Swanson® Blue Book
of Instructions

Magnetic · Ideal for Steel
Studs and Welding

· Laser
  Guide

· Try
  Square

· Saw
  Guide

· Miter
  Square

· Protractor
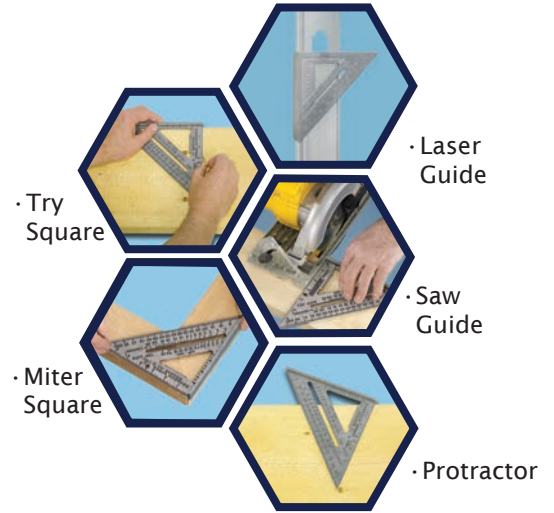
Manufacturer #: NA202
Swanson® Metric Speed® Square

.05 Centimeter spaced
notches to facilitate
scribing lines

Made of High Grade
Aluminum Alloy. Die-cast
to insure accuracy and
durability.
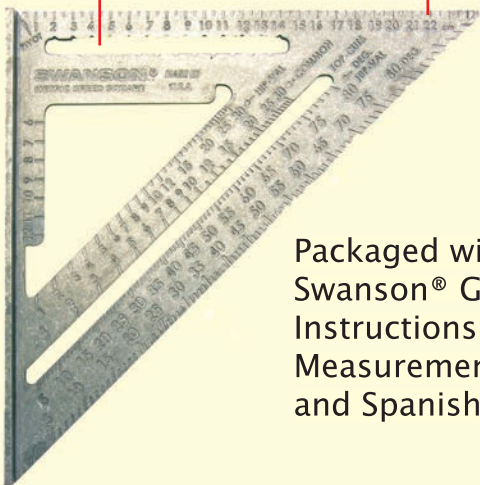
Packaged with the
Swanson® Green Book of
Instructions for Metric
Measurements in English
and Spanish

Matte Finish to
Prevent Glare

· Try
  Square

· Saw
  Guide

· Line
  Scriber

· Protractor

· Miter
  Square

www.swansontoolco.com
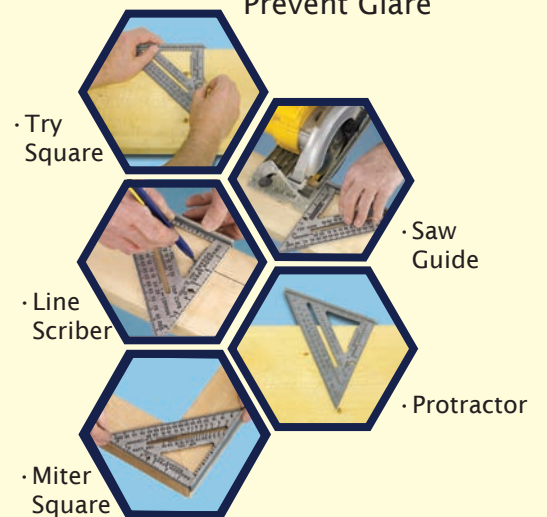
Manufacturer #: T0701
Big 12® Speedlite® Square

Center line guide for locating center of round stock

1/4" spaced notches to use for scribing
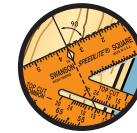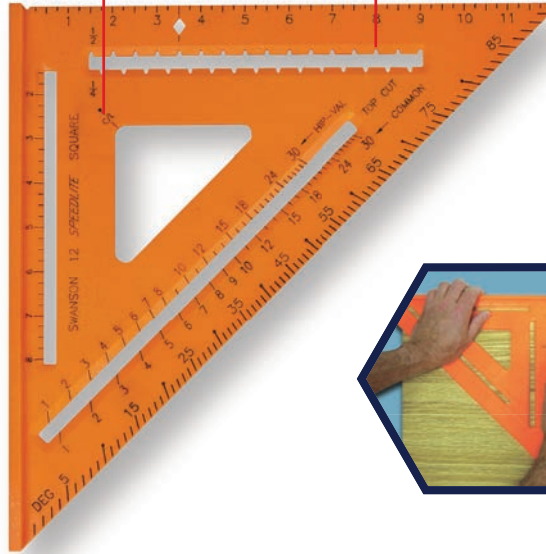
Diamond® cut out for easy layout
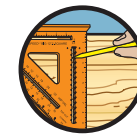
9" scribe bar to facilitate scribing lines

Manufacturer #:
T0112-Gray, T0118-Orange, T0119-Yellow

Speedlite® Square

8"
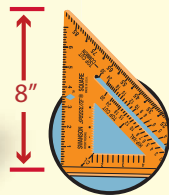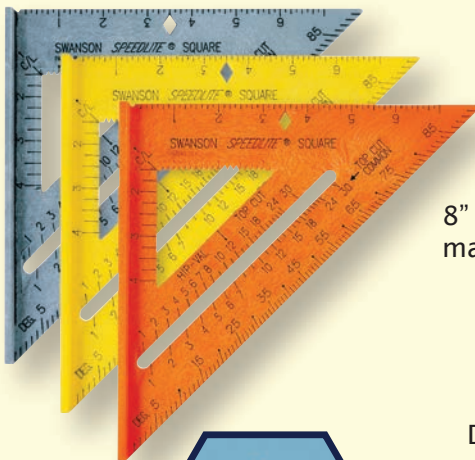
8" design covers larger material & siding
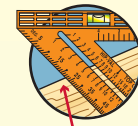
Diamond™ cut out and scribe bar for easy layout

Manufacturer #:
T0111-Gray, T0811-Orange
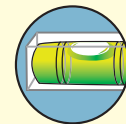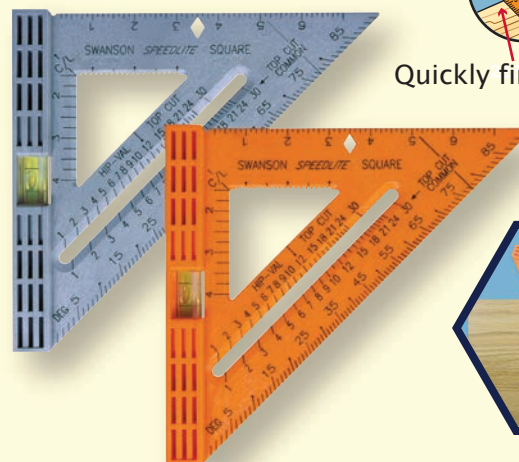
Built-in block level, easy to read from all angles

Speedlite® Level Square

Quickly find angles

Constructed of lightweight high-impact structural composite material
Great for siding and won't mar finish!

Folding Squares

FRAMING WIZARD®
The Folding Framing Square

Tab secures square on material

Anodized aluminum

Adjustable
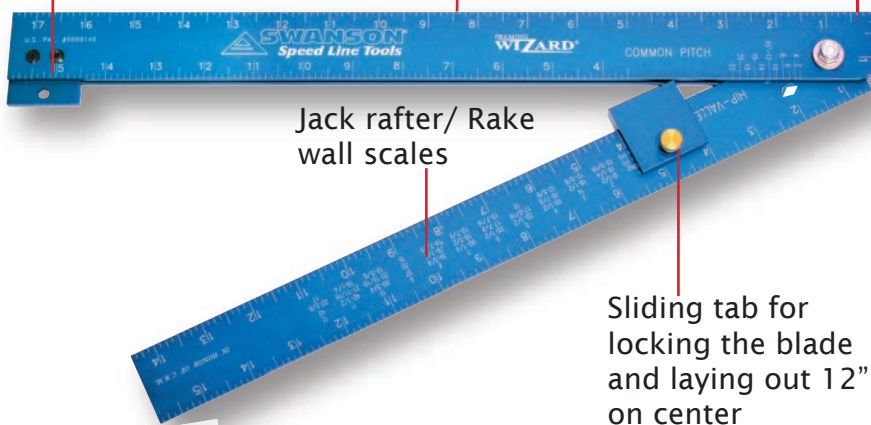
Jack rafter/ Rake wall scales

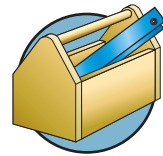Sliding tab for locking the blade and laying out 12" on center

Includes Instruction Book Allen Wrench and Sliding Tab
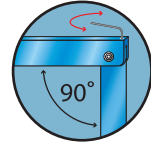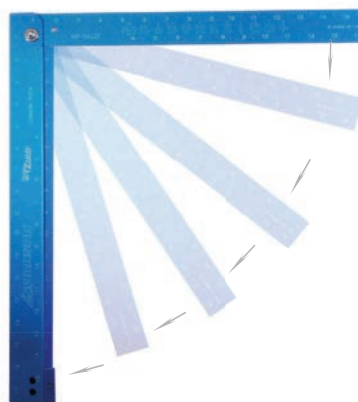
· Quickly adjusts back to 90°
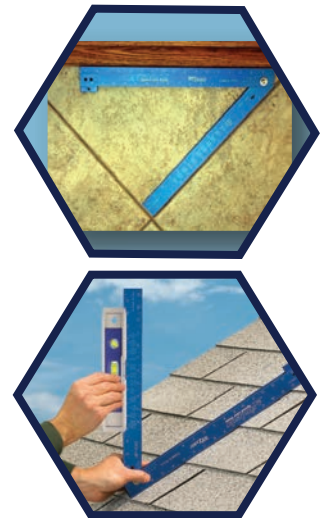
90°
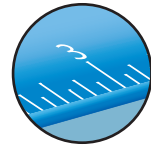
· Precision laser etching

· Folds for easy storage

Five Tools in One!
Framing Square, Try Square, Miter Square, Angle Finder, Saw Guide

Manufacturer #: T001WZ

The Framing Wizard® is five tools in one: a framing square, a try square, a miter square, angle finder and saw guide. This compact folding square is constructed of bright blue hard-coat anodized high-grade aluminum, and precision laser etched markings. The hinged mechanism features an easily adjustable set screw (Allen wrench included) that allows the user to bring the square back to a perfect 90°, if the tool ever loses square. The Framing Wizard® fits in a standard size toolbox, and includes a helpful instruction booklet. The Framing Wizard®, the only portable framing tool for 12", 16", and 24" on center layout, is a must have for any tool box.

16" Pro Combination Square

Professional ℗

Spring loaded, brass bolt assures firm, accurate settings

Manufacturer #: TC134

12" Combination Square

Professional ℗

Spring loaded, brass bolt assures firm, accurate settings

Manufacturer #: TC132

12" Speedlite® Combination Square

Homeowner ℍ

Spring loaded, brass bolt assures firm, accurate settings

Manufacturer #: TC131

6" Pocket Combination Square

Heavy Duty ℍⅅ

Spring loaded, brass bolt assures firm, accurate settings

Manufacturer #: TC130

Combination Squares

- **Etched Stainless Steel blade**
- **Precision machined zinc head**
- **Screw fit brass scriber and impact resistant acrylic vial**

- **Etched Stainless Steel blade**
- **Precision machined zinc head**
- **Screw fit brass scriber and impact resistant acrylic vial**

- **Etched Stainless Steel blade**
- **Hi-impact composite head**
- **Screw fit brass scriber and impact resistant acrylic vial**

- **Etched Stainless Steel blade**
- **Precision machined zinc head**
- **Screw fit brass scriber and impact resistant acrylic vial**

Builder Squares

- 3/16" thick aluminum alloy
- Permanently impressed gradations
- Rafter, brace & essex tables; octagon scales

- High-grade aluminum alloy
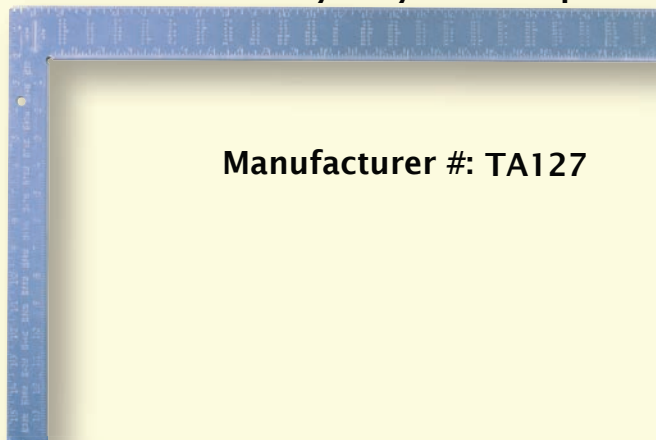- Highly visible, permanently inpressed gradations in 1/8", 1/10", 1/12" and 1/16" scale
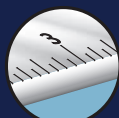
- High-grade aluminum alloy
- Reverse reading scale
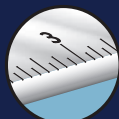
- Rafter, brace & essex tables, octagon scales
- High grade aluminum alloy
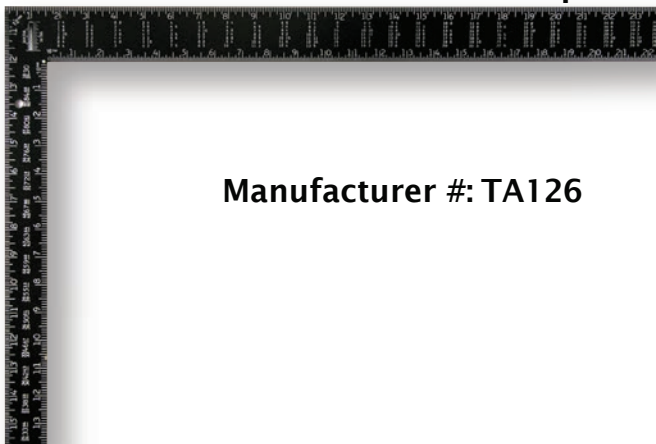- Permanently impressed gradations

16" x 24" Heavy-duty Rafter Square

Professional

Manufacturer #: TA127

16" x 24" Black Anodized Rafter Square

Professional

Manufacturer #: TA126

16" x 24" Aluminum Carpenter Square

Heavy Duty
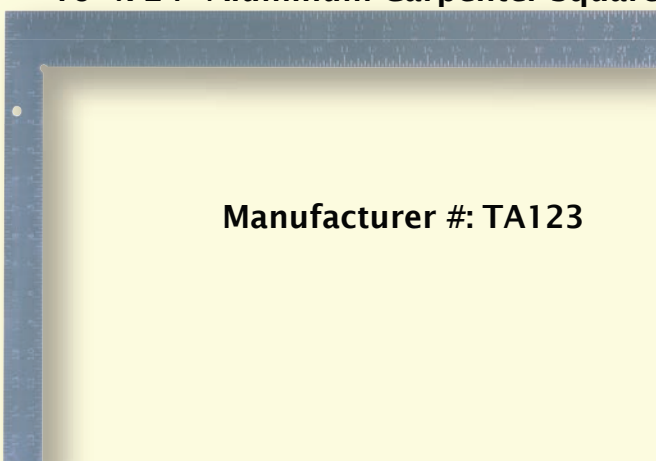
Manufacturer #: TA123

16" x 24" Aluminum Rafter Square

Heavy Duty
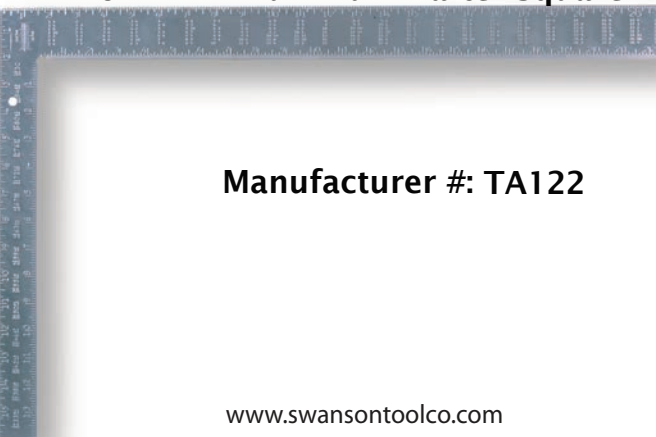
Manufacturer #: TA122

www.swansontoolco.com

16" x 24" Steel Rafter Square
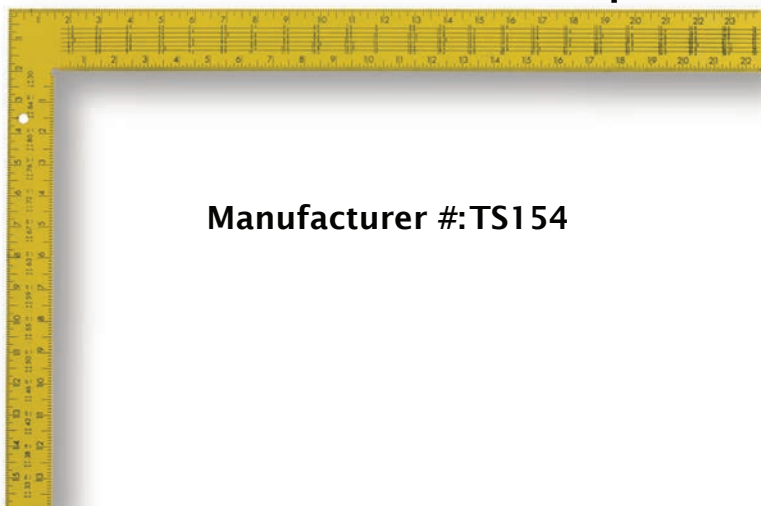
Manufacturer #: TS154

16" x 24" Steel Carpenter Square
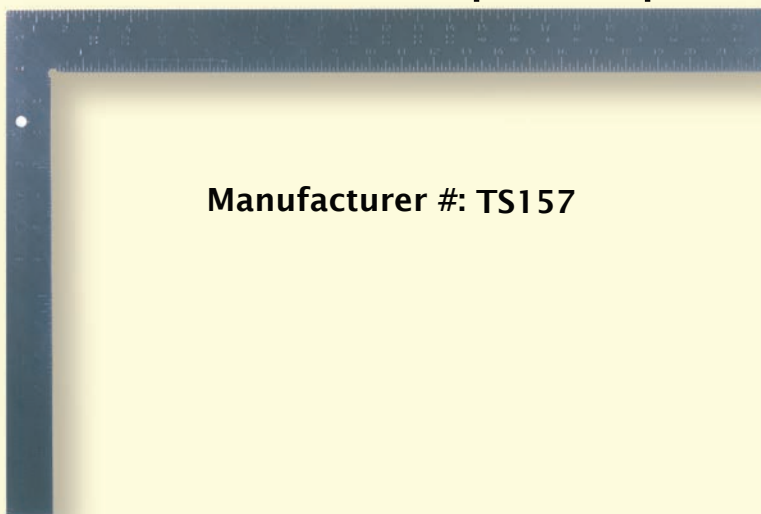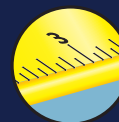
Manufacturer #: TS157
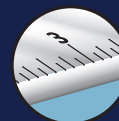
Heavy Duty HD®

8" x 12" Utility Square
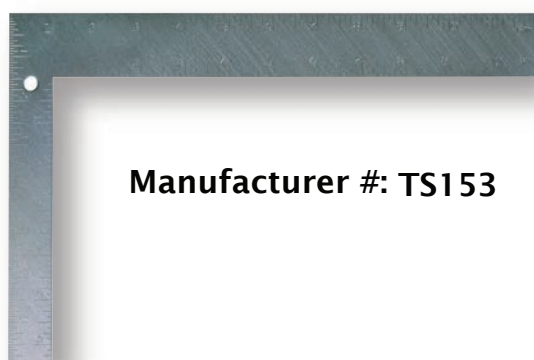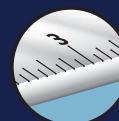
Manufacturer #: TS153

Builder Squares

- High-grade tempered steel with "Hi-Vis" yellow powder coated finish

- Black thermo-bonded gradations

- Rafter, brace & essex tables; octagon scales

- Chemically etched graduations
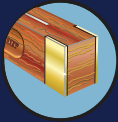
- Reverse reading scale

- Nickel plated, resists rust

- Chemically etched graduations
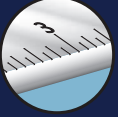
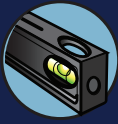- Face gradations in 8ths & 12ths; back in 8ths & 16ths

- Nickel plated, resists rust

Builder Squares

- **Hardwood handle Brass bound ends**
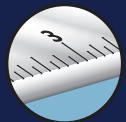- **Etched stainless steel 9" blade**

- **Heavy duty composite handle**
- **8" Stainless Steel blade**

- **Quality brass bound hardwood handle**
- **Etched Stainless steel blade, 1/8" & 1/16" gradations**

- **High impact molded handle with vial**
- **Etched Stainless steel blade, 1/8" & 1/16" gradations**

Professional P®
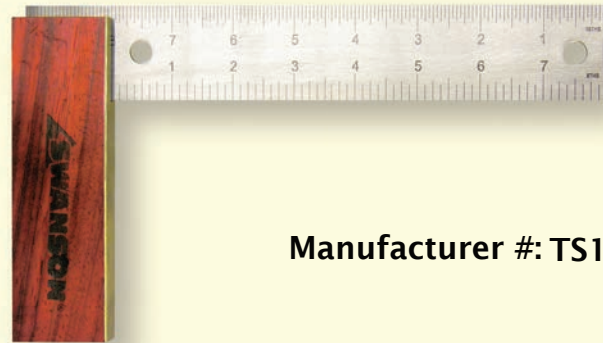
9" Sliding T-Bevel

Manufacturer #: TS149

Heavy Duty HD®

8" Sliding T-Bevel

Manufacturer #: TS150

Professional P®

8" Try Square

Manufacturer #: TS152

Heavy Duty HD®

8" Try and Miter Square

Manufacturer #: TS151

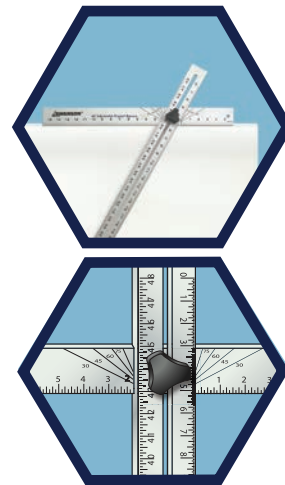www.swansontoolco.com

Wallboard Squares

54" Wallboard Square

47-7/8" Wallboard Square

48" Adjustable Drywall Square
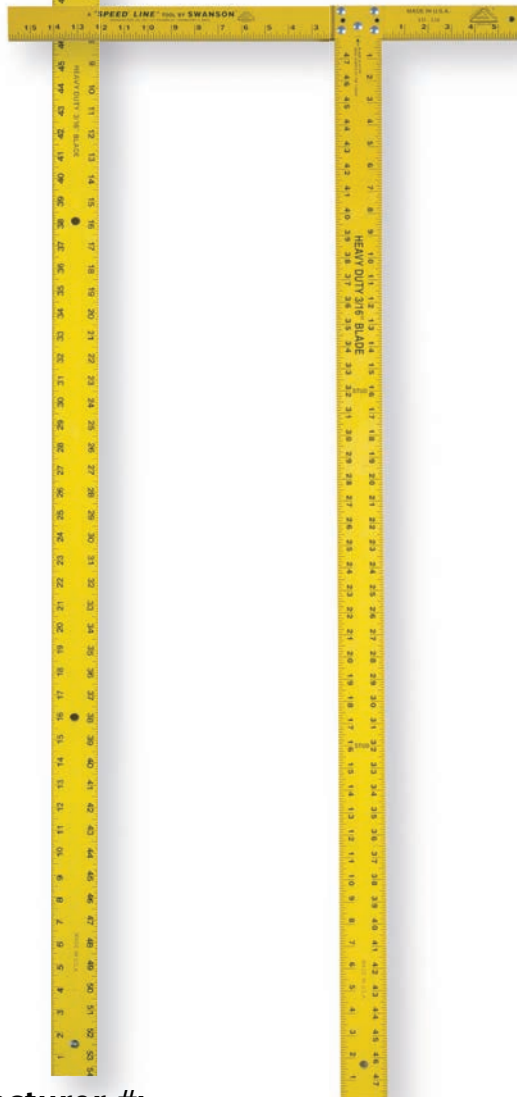
Manufacturer #:
TD540

Manufacturer #:
TD124

Manufacturer #:
AD124

Wallboard Square Features

54" and 47-7/8" Wallboard Squares are made of high-grade aluminum alloy with permanently impressed gradations. Thermally fused yellow powder paint finish helps resists nicks from utility knives. The 3/16" thick, heavy duty body is standard outlet size for easy marking. Five rivets and two steel roll pins accurately secure head and body.

Adjustable Drywall Square Features

The Adjustable Drywall Square has a fully adjustable head and permanently impressed angles. It is made of 3/16" thick aluminum with Thermo-bonded gradations.

Manufacturer #: AE141
Yardstick
(1-1/4" wide, non-glare finish)

Manufacturers #: AE140
Meterstick
(1-1/4" wide, non-glare finish)

Manufacturer #: AE142
48" Straight-Edge
(2" wide, non-glare finish)

Manufacturer #: AE143
60" Straight-Edge
(2" wide, non-glare finish)

Manufacturer #: AE144
72" Straight-Edge
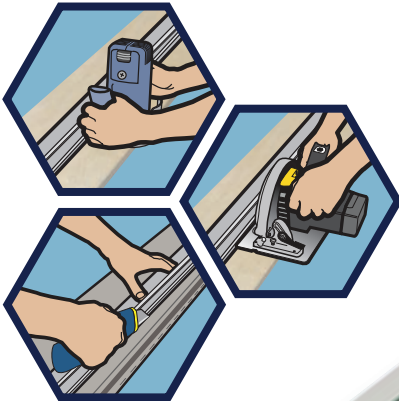*(2" wide, non-glare finish)*

All Swanson® Straight-Edges are made of high-grade aluminum alloy with high visibility, thermally fused yellow power paint finish.

Lightweight and strong all feature black thermo bonded gradations.

Straight-Edges

Heavy Duty®

**Manufacturer #: CG100
100" Cutting Guide**

**Manufacturer #: SM072
Sheetmaster™**

Professional®

Cutting Guide

Use with circular saws, sabre saws, routers, utility knifes. The Swanson® Cutting Guide includes:
2 ea. 50" cutting guides
2 ea. C clamps
4 ea. thumb screws
1 ea. connecting bar

Sheetmaster™

Achieve desired pitches & angles for all roof sheathing in one easy step across 4 x 8 sheets without using a chalk line. The Sheetmaster™ is constructed of high-grade aluminum alloy. Great for making hip & valley cuts on 4 x 8 roof sheeting. Works with 49" material for 22.5 & 45 degree cuts.

ACCESSORIES

Swanson's Little Blue Book for Roof and Stairway Layout

A 60 page instructional manual on how to use the Speed® Square and Big 12® using the One-Number™ Method for roof and layout. Also includes instructions for other projects such as stairway layout.

Manufacturer #: P0110

SWANSON'S
LITTLE
"BLUE BOOK"
for
ROOF and STAIRWAY
LAYOUT
• TABLES - FORMULAS •
• DIAGRAMS •
Use with ALL Swanson Speed Line® Squares

Professional Ⓟ

Carpenter Pencils

SWANSON

SWANSON

- High visibility yellow paint finish.
- CP700B (72 pc. bulk box)

Manufacturer #: CP700

Heavy Duty HD

Hinge Butt Markers

- Pre-set depth and chisel guide aid for making accurate mortises.
- Die cast aluminum.

Manufacturer #: S0105 - 3 ½", S0106 - 4"

Professional Ⓟ

AlwaysSharp®

- 2 Pack Pencils
- Includes 8 replacement tips.

Manufacturer #: CP216

Pencil Refills
Manufacturer #: CPLBLK, CPLBLU, CPLRED
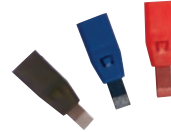
- 24 Replacement tips
- Reclosable package for easy storage

Heavy Duty HD

8 oz. Steel Plumb Bob

- Plated Steel.
- Resists rust.

Manufacturer #: PB008S

Professional Ⓟ

Solid Brass Stair Gauges

- For stairway construction.
- Use to layout repetitive cuts.

Manufacturer #: SG0020

Professional Ⓟ

8 oz. Brass Plumb Bob

- Solid Brass.
- Hardened steel tip.

Manufacturer #: PB008B

Professional Ⓟ

16 oz. Brass Plumb Bob

- Solid Brass.
- Hardened steel tip.
- Includes 2 replacement tips.

Manufacturer #: PB016B

Index

Look for the
Diamond™

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genuine
Swanson®
products

START SQUARE
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FINISH LEVEL®