

Standard Profile Knives

The Gold Standard in Quality Molders & Knives Since 1954.



PROUDLY MADE IN USA

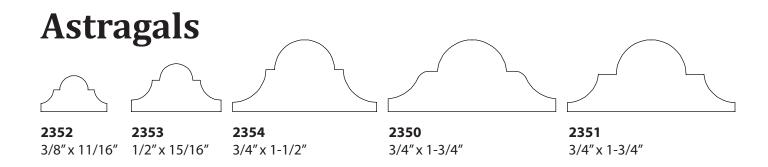
Toll Free: 800-258-1380 | 641-843-3240 | williamsnhussey.com

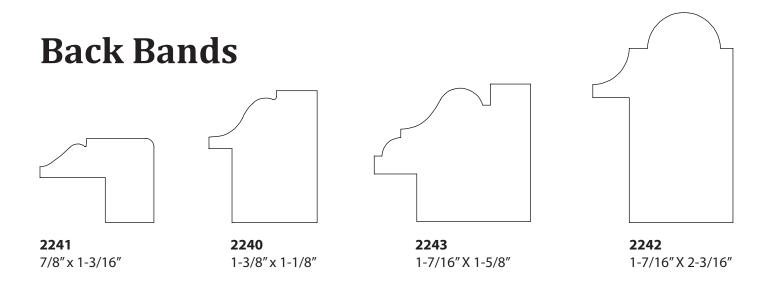
Table of Contents

Aprons2	Nickel Gap	19
Astragals 2		
	Panel Moldings	19
Back Bands 2	Picture Frames	20
Bar Rail 3	Picture Moldings	20
Base Caps 3	Planing	21
Bead Boards5		
Beads & Quirks4	Quarter Rounds	21
Bed & Coves 4		
Bevels5	Rabbet-Dados	21
Brick Molds5	Raised Panels	22
	Relieving	22
Cabinet Door Frames6		
Casings 6-9	Scotias	23
Chairs Rails & Backers9	Shoes	23
Coves 10	Solid Crowns	24
Crowns 11-17	Speed Bases	23
	Stops	25
Half Rounds18		
Hand Rails18	Tongue & Groove	25
Log Siding19	Window Stools	25
Sharpening Service26	Build Your Molding by Stacking 28-29	
W&H Standard and Custom Knives 27	Facts. Tips & Tricks	

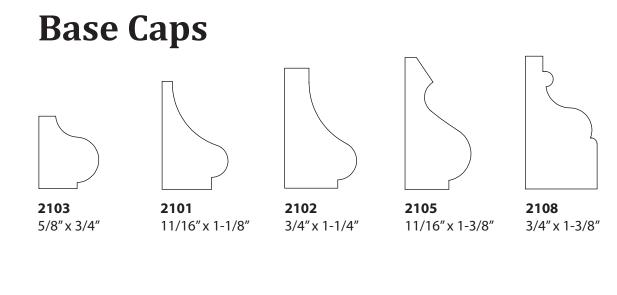
Aprons

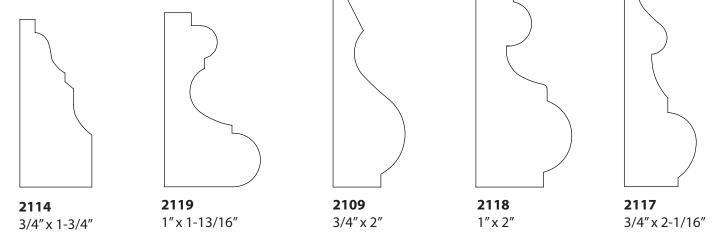






Bar Rail3250-B Bottom, 1-7/16" x 5-7/16" 3250-T Top, 1-7/16" x 5-7/16"

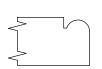




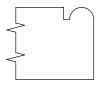
2107

3/4" x 1-7/16"

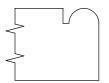
Beads & Quirks



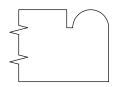
3101-EP 1/4", Quirk 1/32"



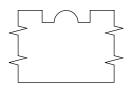
3115-EP 1/4", Quirk 1/16"



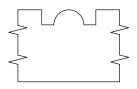
3114-EP 5/16", Quirk 1/16"



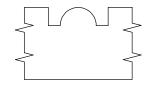
3113-EP 3/8", Quirk 1/16"



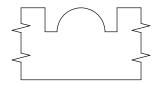
3102-CP 1/4", Quirk 1/8"



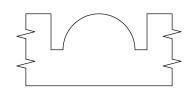
3103-CP 5/16", Quirk 1/8"



3104-CP 3/8", Quirk 1/8"

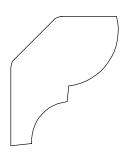


3106-CP 1/2", Quirk 1/8"



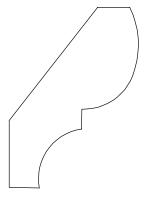
3116-CP 3/4", Quirk 1/8"

Bed & Coves



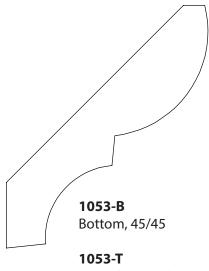
1050-B Bottom, 45/45

1050-T Top, 3/4" x 1-3/4"



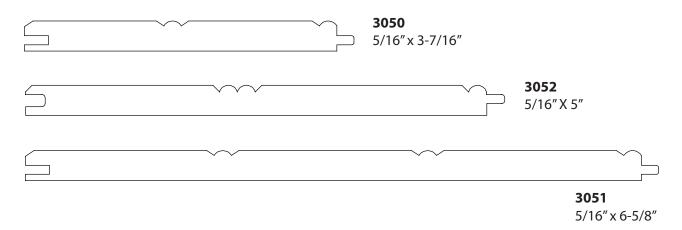
1051-B Bottom, 52/38

1051-T Top, 3/4" x 2-1/4"



Top, 3/4" x 3-1/4"

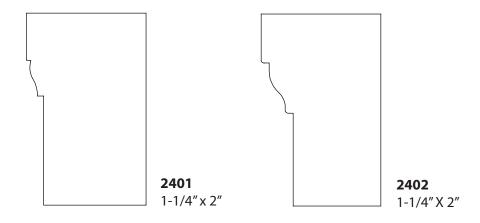
Bead Boards



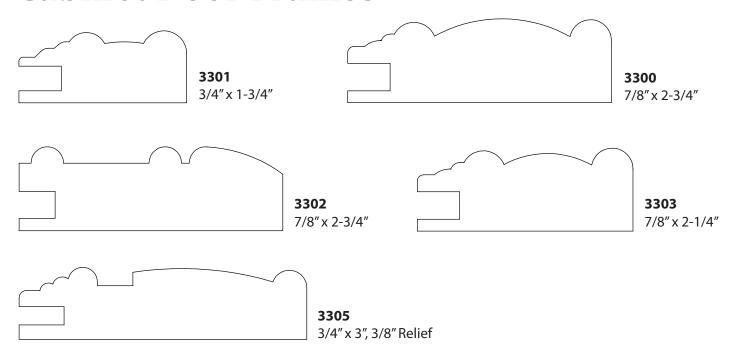
Bevels



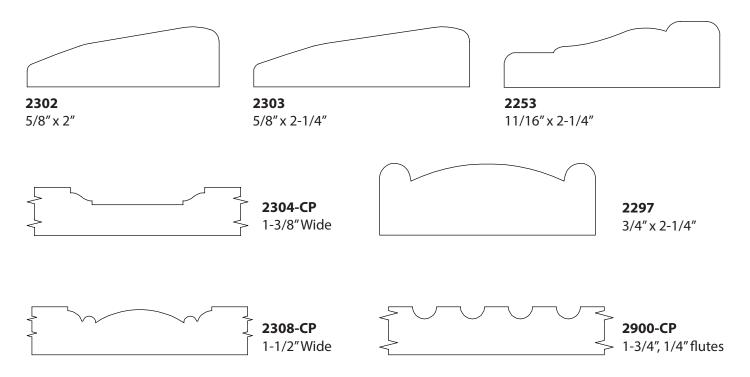
Brick Molds



Cabinet Door Frames



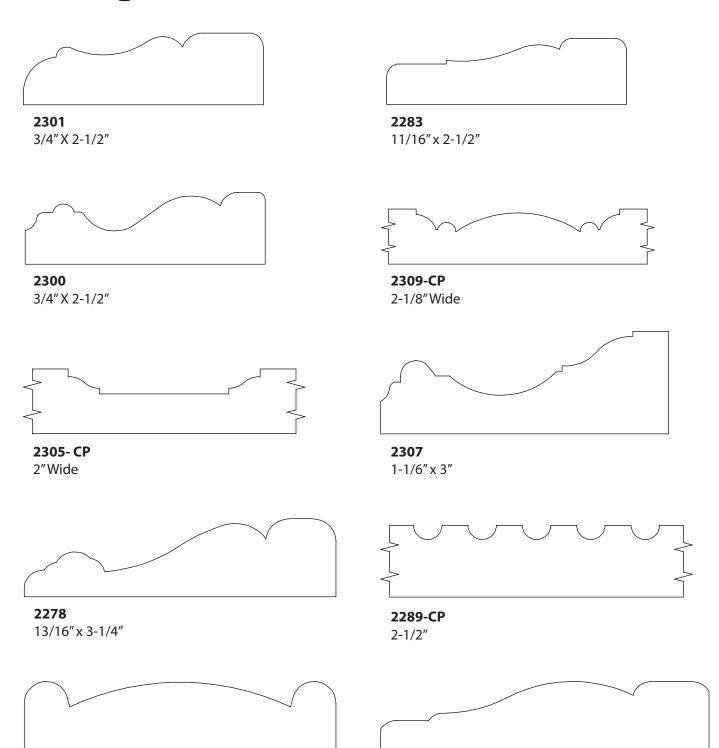
Casings



Casings

2298

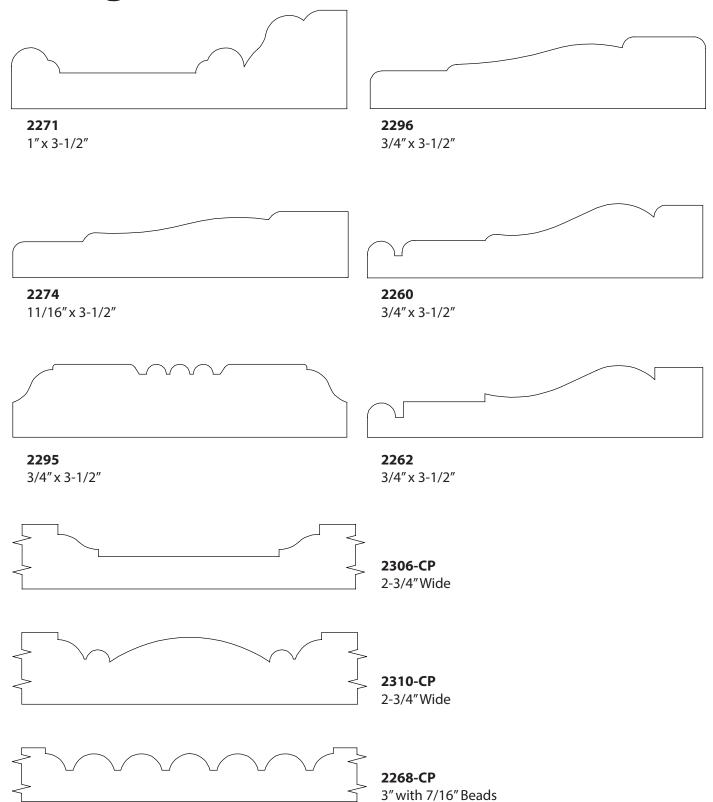
3/4" x 3-1/4"



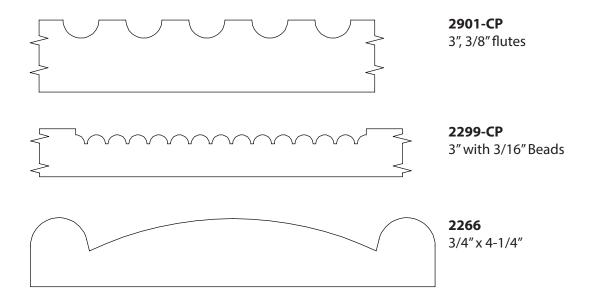
2264

3/4" x 3-7/16"

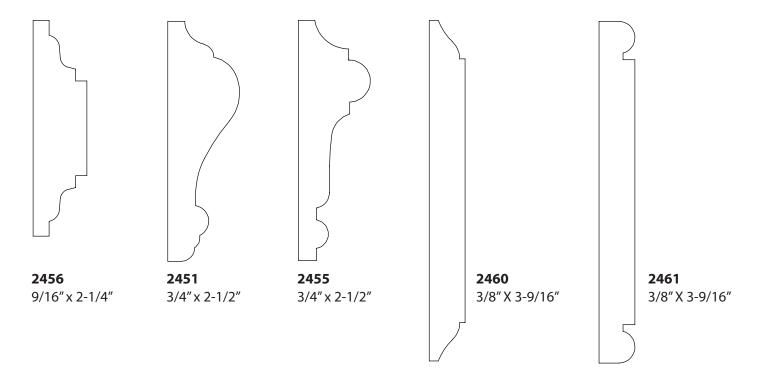
Casings



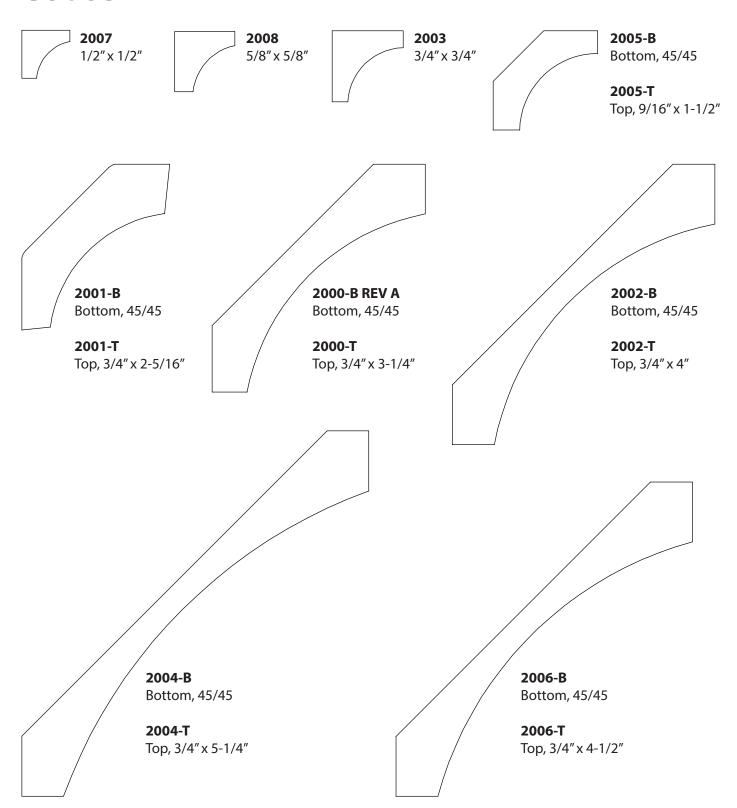
Casings

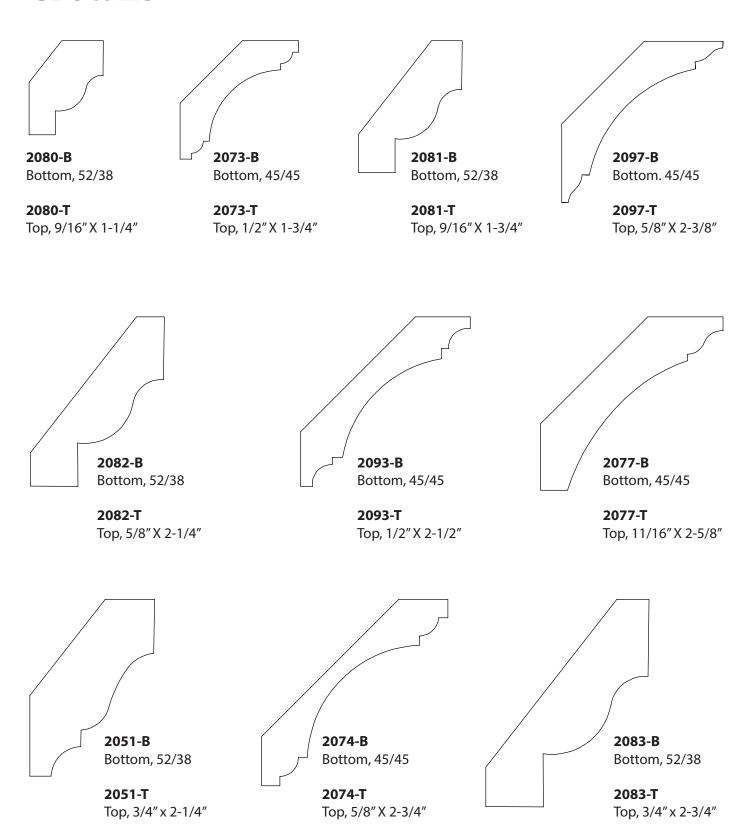


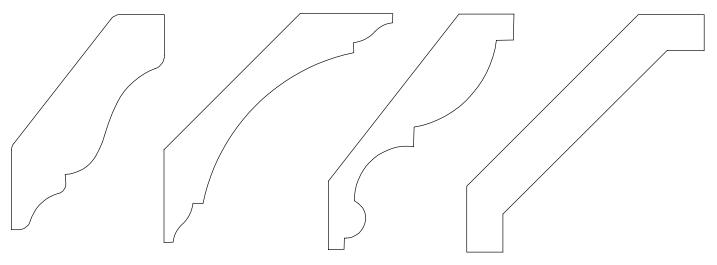
Chair Rails & Backers



Coves







2053-B Bottom, 52/38

2053-T Top, 3/4" x 2-3/4"

2098-B Bottom, 45/45

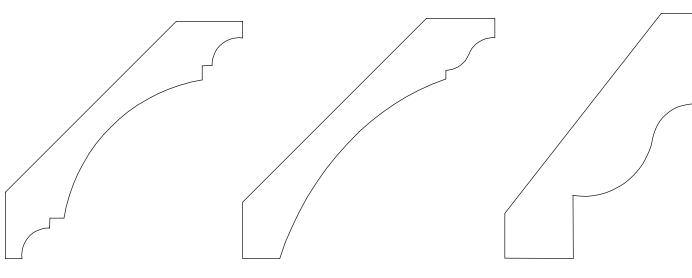
2098-T Top, 3/4" X 3-3/8"

2090-B Bottom, 52/38

2090-T Top, 5/8" X 3-1/8"

2066-B Bottom, 45/45

2066-T Top, 3/4" x 3-1/2"



2094-B Bottom, 45/45

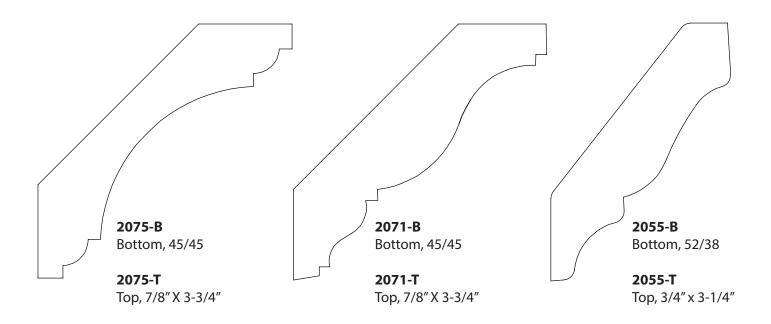
2094-T Top, 5/8" X 3-1/2"

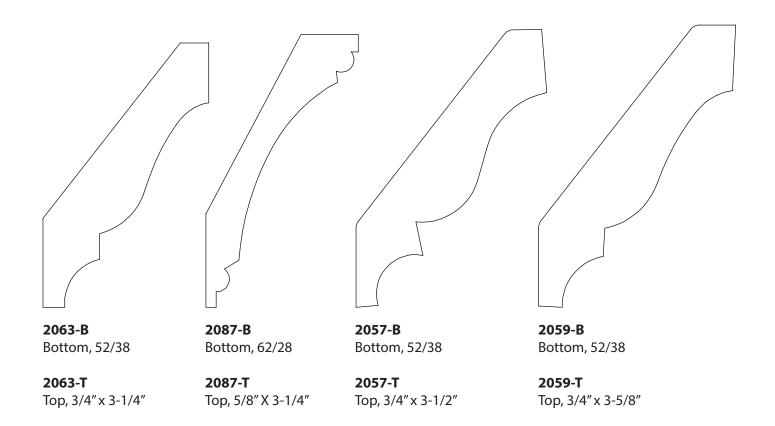
2078-B Bottom, 45/45

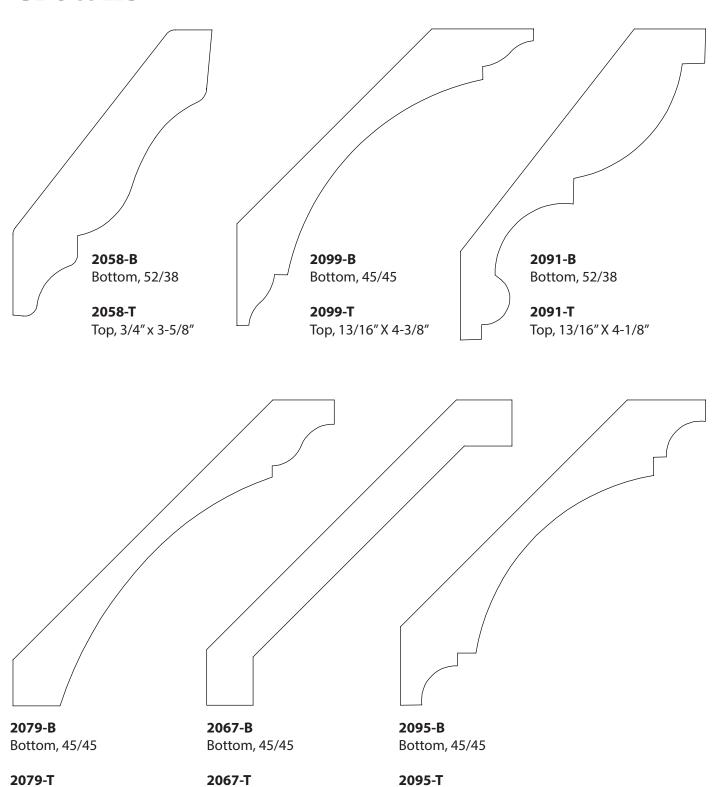
2078-T Top, 11/16" X 3-5/8"

2084-BBottom, 52/38

2084-T Top, 7/8" X 3-1/4"



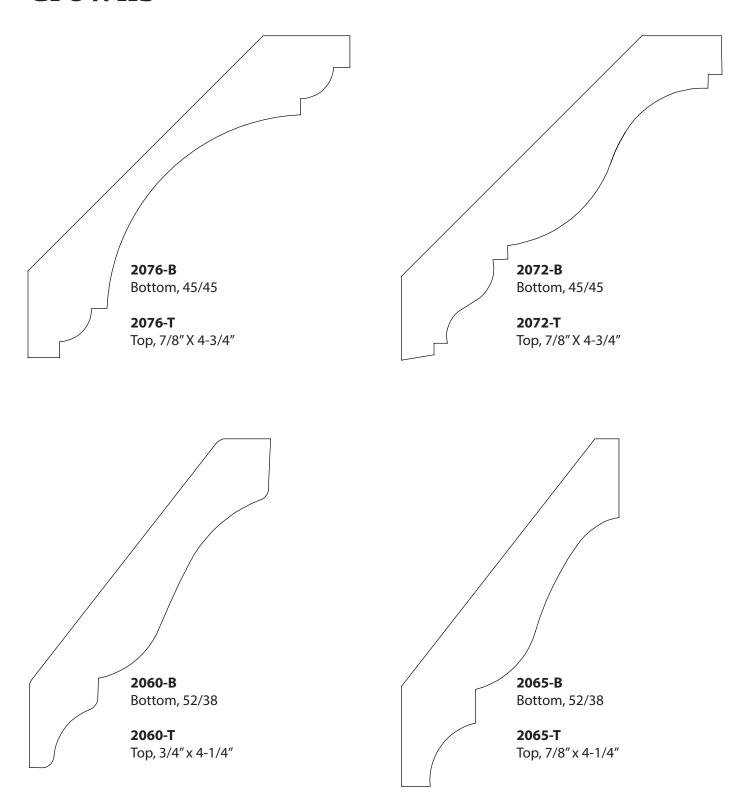


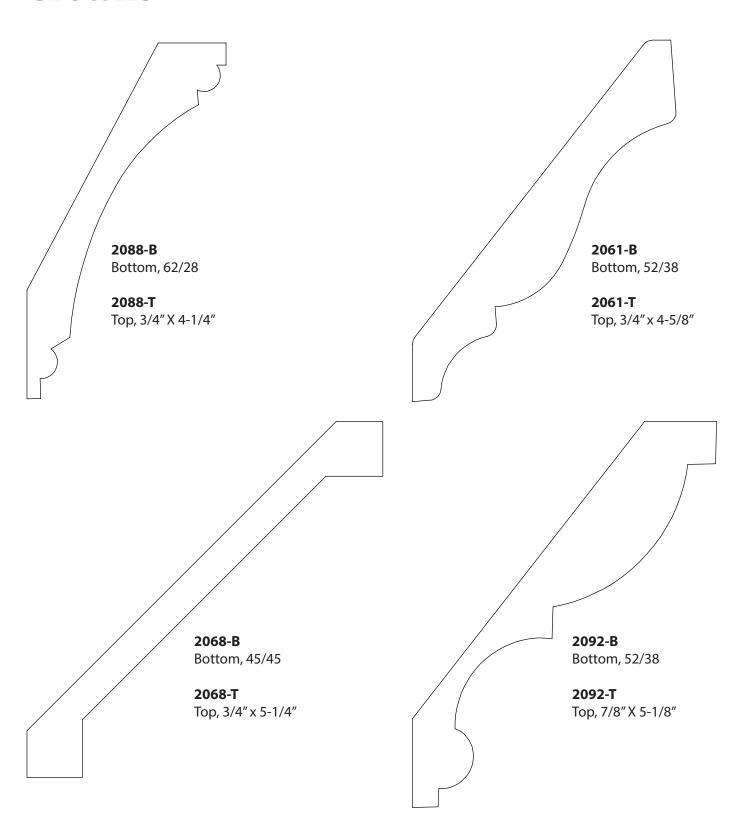


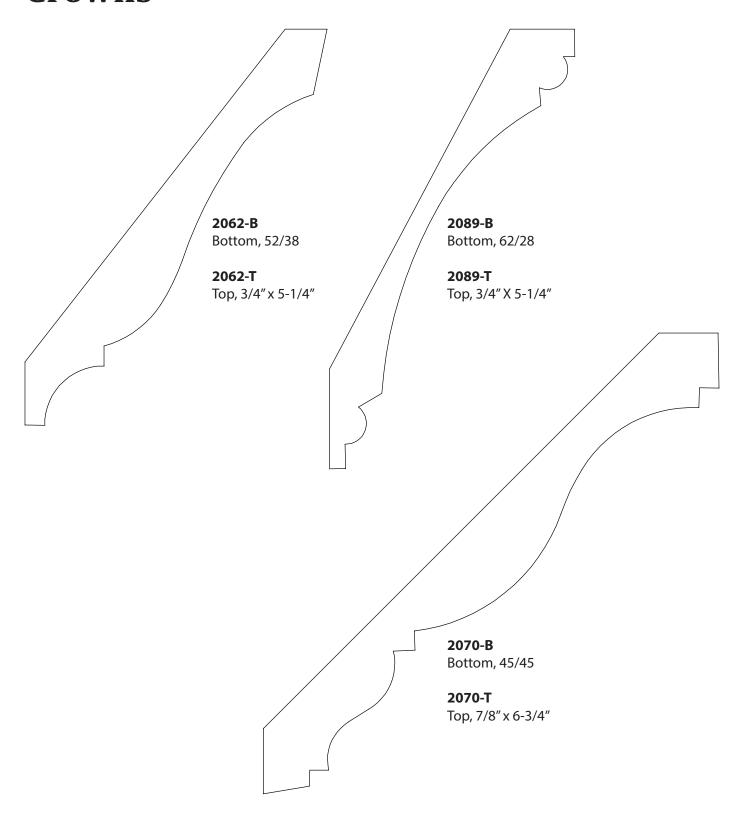
Top, 3/4" X 4-1/2"

Top, 3/4" x 4-1/2"

Top, 11/16" X 4-5/8"



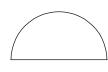




Half Rounds



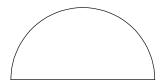
3/8" x 3/4"



1/2" X 1"

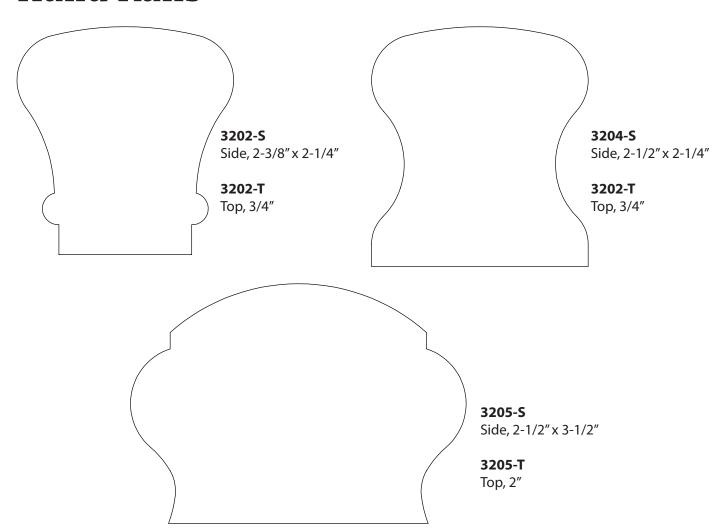


5/8" x 1-1/4"

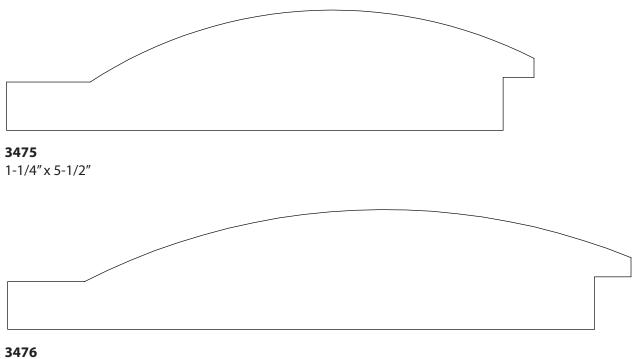


3/4" x 1-1/2"

Hand Rails

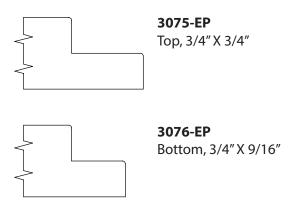


Log Siding

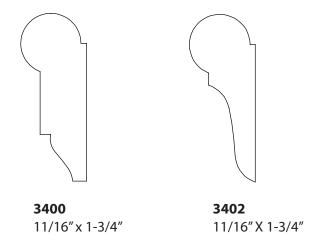


1-1/4" x 6-1/2"

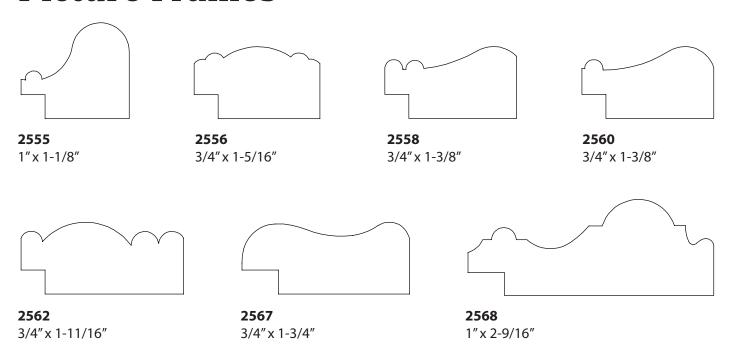
Nickel Gap



Picture Moldings



Picture Frames



Panel Moldings



Planing

2750

Quarter Rounds



3001 3/8" X 3/8"



3002 1/2" X 1/2"



3003 5/8" X 5/8"

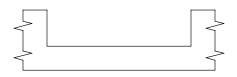


3004 3/4" x 3/4"

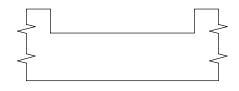
Rabbet/Dados







2850 3/8" Deep x 1-1/2"



2853 1/4" Deep x 1-1/2"

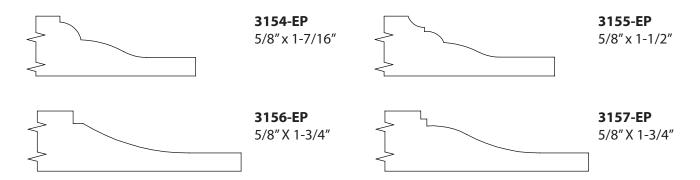


2851 1/2" Deep x 1-1/2"

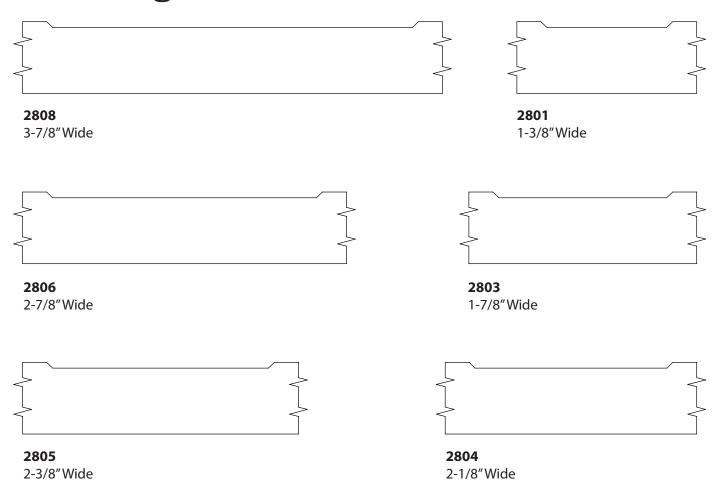


2852 1/2" Deep x 2"

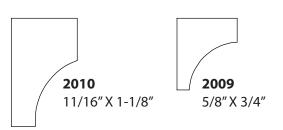
Raised Panels



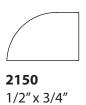
Relieving



Scotias



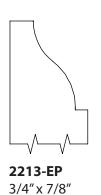
Shoes

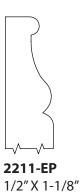


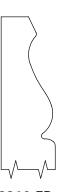


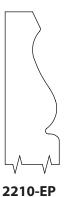
Speed Bases



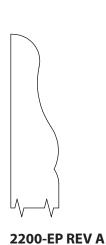




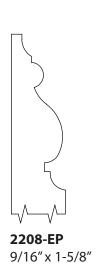


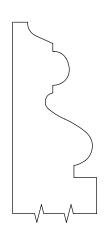


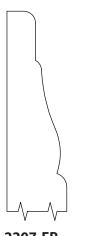
5/8" x 1-5/16"



1/2" x 1-9/16"

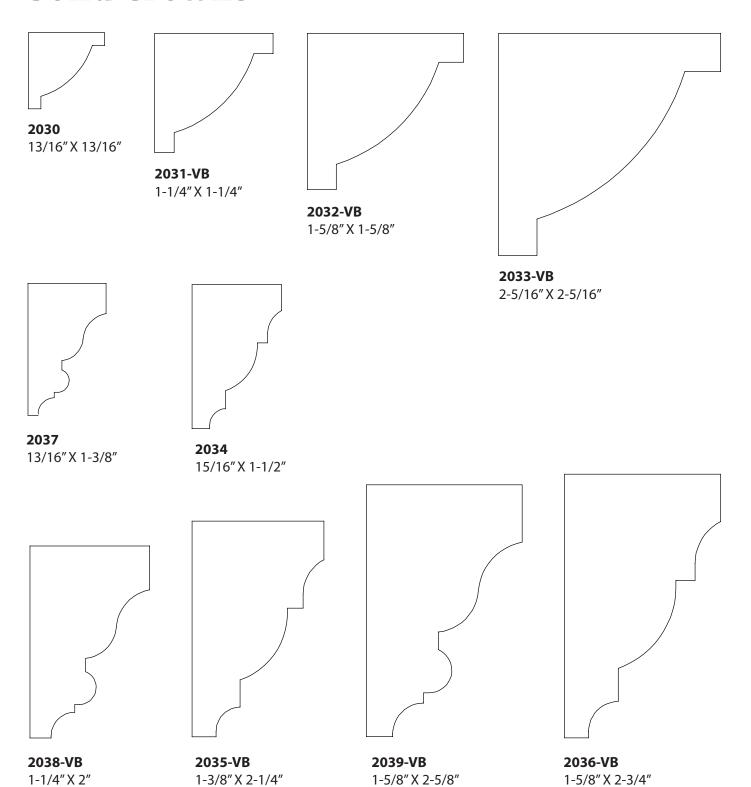








Solid Crowns



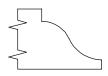
Stops



2504-EP 3/8" x 3/8"



2501-EP 7/16" x 3/8"

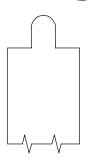


2500-EP REV A 5/8" x 5/8"

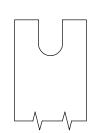


2505-EP 5/8" x 5/8"

Tongue & Groove



2700 3/4" Stock, 1/4" x 5/16" Tongue

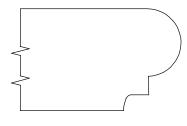


2701 3/4" Stock, 1/4" x 3/8" Groove

Window Stools







2502 1-1/16"Thick

In-House Knife Sharpening Service

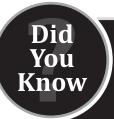
Extend the Lifetime of Your W&H Knives in Three Easy Steps!

- 1. Clean after each use
- 2. Oil after each use
- 3. Keep a sharp edge, have knives sharpened

For accuracy our knives are ground in pairs using a surface grind method. This method sharpens the cutting edge of the knives without modifying the original profile. We will grind down just enough material to achieve a sharp edge. In many cases a set of knives will be able to be sharpened many times. A profile grind is also offered for knives that may have damage!

See Page 30 for Facts, Tips & Tricks!

Quantity	Description	Price	Turnaround Time
1-2 sets	Sharpening Service	\$28.00/set	2-3 days
3-5 sets	Sharpening Service	\$25.00/set	2-3 days
6-9 sets	Sharpening Service	\$23.00/set	2-3 days
10+ sets	Sharpening Service	\$20.00/set	2-3 days



- The first W&H Molder was manufactured in 1954. Granite Stater's for 66 years!
- Molder colors have changed from speckled green to battleship gray to red.
- We have molder customers in North, Central & South America, the Caribbean, Middle East, The United Kingdoms and South Asia.
- Our Elliptical Jig accessory is not needed to mold constant radius moldings. A set of radius guides, radius stock, a W&H Molder and you're good to go!
- Many CTE Programs (Career Technical Education) have been using our molders for years!
 "Molding" the next generation of woodworkers!
- During trade shows, our best sales people are our customers. Word of mouth has been our best sales tool to date!

W&H Standard And Custom Knives

A Cut Above the Rest!

ACCURATE | EXCEPTIONAL VALUE | LONG LASTING | QUICK TURNAROUND

Looking for a profile other than our wide variety of standard knives? Look no further! W&H has been manufacturing custom knives for decades. Whether your project needs simple baseboard molding or more precise moldings for an 1850's restoration, we are here to assist!

Why are W&H Knives a cut above the rest? We only use the finest quality high speed steel (HSS) for our knives. Each set of knives is designed and manufactured for proper beveled angles, clearance and knife hole patterns. Our attention to these details provides a precision cutting edge, minimizes knife burning and knives fit perfectly on a W&H Molder!

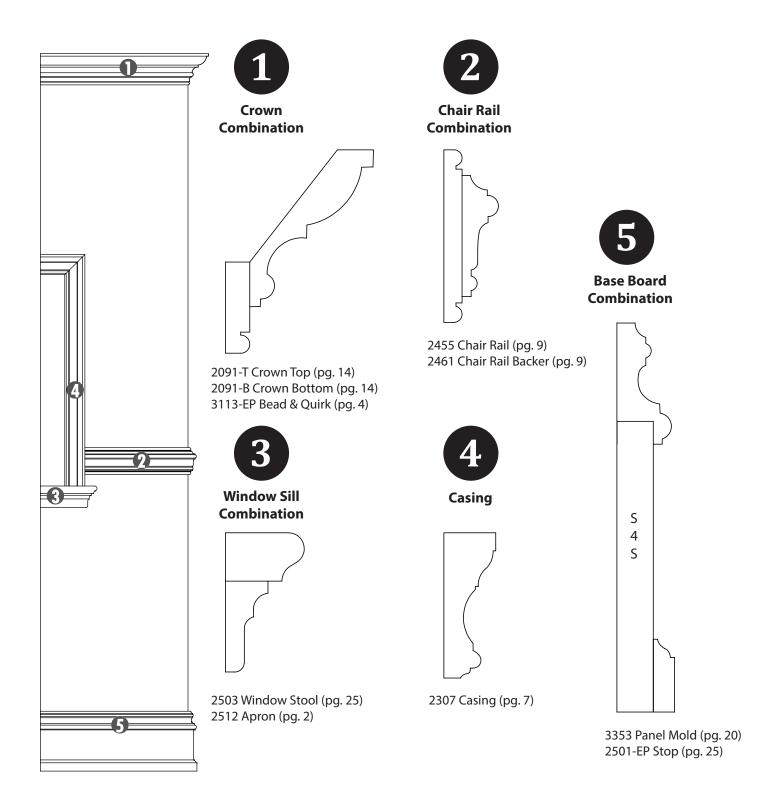
STANDARD KNIVES – Prompt shipping!

CUSTOM KNIVES – Quick turnaround! We do our best to make this experience perfect from beginning to end! It's as simple as 1,2,3!

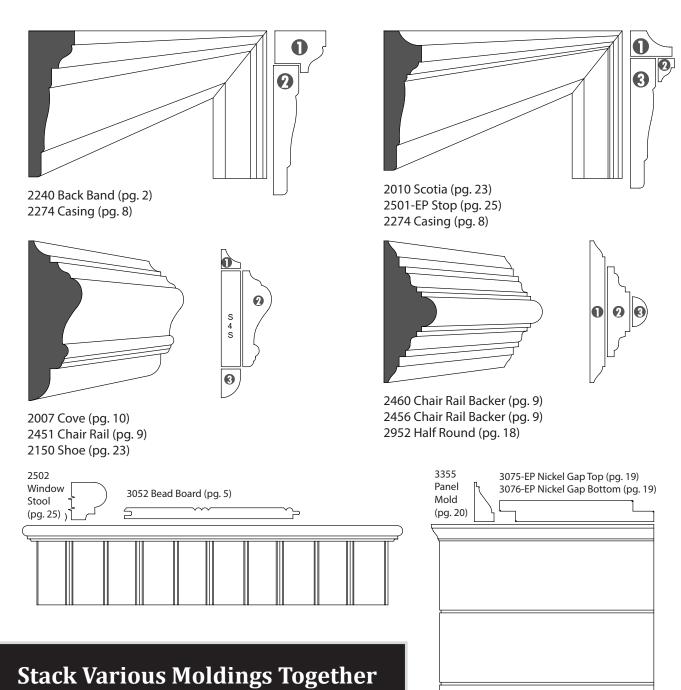
- 1. Send us a sample or dimensioned drawing.
- 2. Our sales team will be in touch to go over the details.
- 3. Place your order.

CUSTOM KNIFE PRICING	PROFILE + 1/4"	Price Set of 2
To determine your custom size, measure your profile and add ¼" for clearance.	1.5"	\$184.00
	2"	\$204.00
	2.5"	\$224.00
For Example, if your profile measures 3-3/4", add 1/4" this equals 4".	3″	\$244.00
	3.5"	\$265.00
	4"	\$285.00
See chart for pricing.	4.5"	\$305.00
	5″	\$325.00
Pricing is for flat back stock.	5.5"	\$346.00
	6"	\$366.00
	6.5"	\$386.00
	7"	\$406.00

Build Your Molding By Stacking



Build Your Molding By Stacking



and Create Unique Designs from Baseboards to Skylights!

Facts, Tips & Tricks

DO WE MAKE KNIVES? We sure do! Custom & Standard knives are all made in-house and shipped promptly! Our knives are sold in a Set of 2.

HOW LONG DO KNIVES LAST? Knife edge life is variable due to materials used and how the knives are maintained after use. Dulling factors are heavy use, composite materials, primed wood, residue build up and laminations. The molder will cut these materials, but the knives will be prone to dull faster.

KNIFE MAINTENANCE – We recommend cleaning off any residue, checking cutting edge for sharpness and oiling knives to prevent rusting. Keeping a sharp cutting edge is key for achieving a smooth finished molding. See page 26 for details on our in-house sharpening service.

CHATTER – If finished molding is rippled, this is chatter. Chatter is caused from the wood lifting during your stock run. To eliminate chatter, molder rollers must have enough pressure on stock to keep it in place. Use guides/fences to hold the stock in place and lock the molder head. If the rollers are uneven and worn, this could also add to the problem.

CHATTER MOST COMMON CAUSE – Molders prior to March 2006 were single pass molders. Profiles with deep cuts need stock relieved in the deep cut areas with a dado before running through the molder. As of March 2006, molders are manufactured with Multi-Pass (MP) capabilities. The MP feature allows the head to be raised up to 3/16" above stock height to make a light pass, all while keeping roller pressure on stock. This will eliminate chatter. Shallow cuts may only need a single pass. MP is a time saver for deep cut profiles. If your molder does not have MP, purchase the upgrade kit. It's inexpensive and worth it!

SNIPE – This is common with a two-roller system such as a W&H Molder. Snipe is a ripple in the last 7" or so of your stock length. A simple solution is to butt your next length (or a piece of scrap) of stock up to the first piece running through the molder. Keeping upward pressure on the stock from the outfeed side of the molder when it nears completion may reduce snipe.

EP, CP, VB SUFFIXES – Throughout our catalog you will notice these suffixes on our knife part numbers.

- **End Profile (EP)** knives are recommended for moldings that end with a long flat such as a baseboard. EP knives are manufactured so various width boards can be used eliminating the line where the knife ends.
- **Center Profile (CP)** knives are profiles that are cut in between two flats such as a flute. CP knives following the same intentions of an EP knife.
- **V-Block (VB)** knives are used for straight run moldings that have a cut deeper than ¾" (max for a W&H Molder). Creating a simple wood jig with a small angle in most cases will work!

ARE UPGRADES AVAILABLE? – Yes, many upgrades are available! Visit our website or feel free to contact our sales team for more information. Call (800) 258-1380 or email customerservice@williamsnhussey.com







465 3rd Ave SE Britt, IA 50423 (800) 258-1380 (641) 843-3240 customerservice@williamsnhussey.com

www.williamsnhussey.com

Copyright © 2022 Williams & Hussey Machine and Tool Co.