



life & style

S T A I R S Y S T E M S

ELEGANT WOODEN, FORGED IRON
& STAINLESS STEEL COLLECTIONS

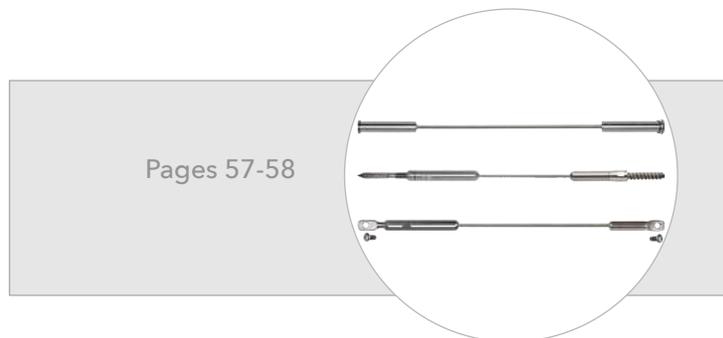
NEW & TRENDING

In a constant state of innovation, Fitts proudly adds these brand new and dynamic products to its timeless and widely recognized collection of stair systems.

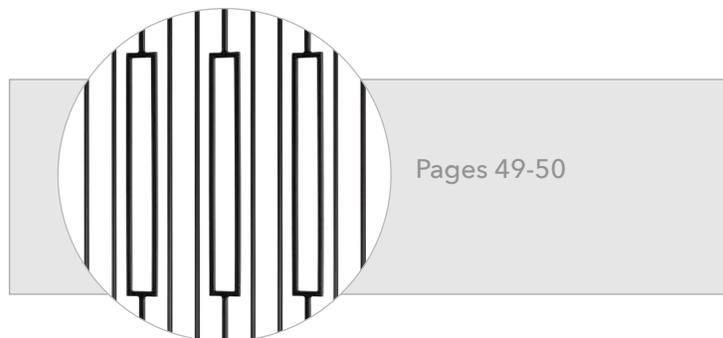
Box Newel Posts with Interchangeable Caps



Löft™ Stainless Steel Cable Rail Systems



Löft™ Modern Forged Iron Balusters



WOOD SPECIES

THE BEAUTY AND WARMTH
OF A WOOD STAIRCASE IS TIMELESS

In a constant effort to create new and better stair systems and meet the demand for a wide variety of wood species, Fitts continues to expand its hardwood and softwood lumber selections. We proudly offer the following options, and will gladly quote stair products in other wood species as well.

• STOCK WOOD SPECIES



Red Oak



Hard Maple



Cherry



Beech



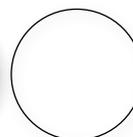
Poplar



Alder



Hemlock



Primed White

• SPECIALTY WOOD SPECIES



Mahogany



White Oak



Hickory



Brazilian
Cherry



Black
Walnut



Knotty Pine

TIP:

The products in this catalog have been photographed in unfinished red oak or hemlock. You can leave this tab open to help you visualize what a particular part might look like in the finished specie of your choice.

*All Fitts' wood products are for interior use only.

DESIGNER TOUCHES

THE RIGHT STAIN CAN COMPLETELY CHANGE
THE LOOK OF YOUR STAIRCASE

When creating a color palette to suit your home,
the options are limitless.

Whether you're matching an antique family heirloom or a new, modern piece of furniture, there is sure to be a tone to complement your style.

TIP:

All products shown in this catalog are unfinished. To give you a better idea about what the products will look like once stained, you can leave this tab open to help you visualize.

Natural



Summer Oak



Provincial



Gunstock



Red Oak



Early American



Dark Walnut



Kona



Espresso



Satin Black



*Fitts' wood products do not come prefinished. Examples are intended to highlight just a few of the many ways that you can personalize your Fitts staircase to complement your style and your home.

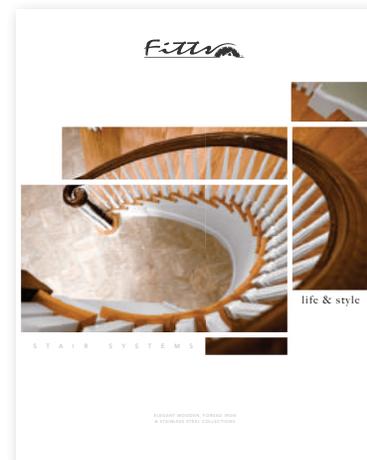
**All examples shown are red oak that has been hand stained using Varathane brand wood stain.

SALES TOOLS

MAKE AN IMPACT ON YOUR CUSTOMERS!

Fitts offers a wide variety of sales tools, including print and electronic versions of literature and fliers, as well as standard and customized displays for our select dealers across the United States and Japan. We also offer a full line of handmade retail displays that are a fine addition to any showroom.

A100 • Brand new full color catalog for 2017 with high resolution product photography and 12 pages of gallery photos!



A308 • Wood Carousel Display
A309 • Forged Iron Carousel Display
Custom • Löff™ Floor Displays



Contact your Fitts sales representative about becoming an authorized dealer of Fitts stair systems today!

FITTS

MANUFACTURING EXCELLENCE SINCE 1947



Frank Fitts Jr. working in the tooling department

Founded in 1947 from simple beginnings in the quaint southern town of Tuscaloosa, Alabama, Fitts Industries' commitment to manufacturing excellence and focus on customer care has enabled it to become one of the largest stair part manufacturers in the United States.

As Americans returned home following the end of World War II, focused on the future, the country began retooling for new growth and prosperity. Frank Fitts Jr. embarked on his venture designing and producing precision wood components for the furniture industry. With an inquisitive mind and a desire to try new things, Frank pioneered processes which were innovative and set the tone for alternative products and ventures. Fitts quickly became a going concern, and in the early 80's he sold his company to family members Frank and Lewis Fitts.

DID YOU KNOW?

Fitts' expertise in kiln drying and conversion of lumber, in addition to second generation wood turning knowledge, facilitates the creation of timeless and durable products for your home.

The modern era of the company began as Fitts was contracted to make stair balustrade for an industry in great need of innovation and capacity, and there the company found its niche. One of the first manufacturers to create and warehouse products for its customers' needs, Fitts quickly rose as an industry leader.

Today, our company remains deeply rooted in the principles which laid the foundation that supports Fitts Industries' success and longevity.

Utilizing revolutionary vision and technique, our innovative concepts produce sleeker designs and better products which are shaping the modern era of staircases and redefining the relationship between the utilitarian and the aesthetic.

WHY FITTS

STAIR SYSTEMS FOR TODAY'S HOME

FAMILY-OWNED | Fitts is a family owned and run manufacturer of high quality stair components. Our ownership is skilled in wood conversion as well as manufacturing wood turnings and linear moulding and millwork.

LONGEVITY & CONSISTENCY | Fitts has been in business for over 60 years, and our philosophies remain the same. We continue to grow and adapt to the market and the needs of our customers, and our commitment to quality in craftsmanship is unwavering.

IN-HOUSE MANUFACTURING | Any wood product that we offer can be made in-house! This gives us the ability to meet your needs on short notice that our competitors cannot offer.

BROAD OFFERINGS | Fitts provides one of the most comprehensive stair component selections. We offer 12 species of wood, and over 40 iron balusters and newels in 6 finishes. These components are designed to be complete product systems. We are proud to offer 23 wood systems and 11 systems in wrought iron.

CUSTOM CAPABILITY | Fitts can manufacture custom handrail fittings, starting steps, and radius landing tread, as well as create custom turnings on a CNC copy lathe.

MARKETING MATERIAL | Fitts offers full color literature and fliers of all stair components and systems. Fitts operates an interactive website at www.fitts.com that will allow you to download CAD files of Fitts' turnings for the purpose of architectural specification. We also offer a full line of handmade retail displays that are a fine addition to any showroom.

FINISHED GOODS INVENTORY | Fitts stocks more than 2.5 million dollars in finished goods inventory in each of its two warehouses, which are located in Tacoma, Washington and Tuscaloosa, Alabama. Products are inventoried using a warehouse management system that allows both locations to view a real time picture of available products.

CUSTOMER SERVICE | When you call Fitts, you are greeted by a knowledgeable and helpful customer service representative, not an electronic answering service or outsourced call center. Our production personnel will recognize you by your name (not your account number) and will be familiar with your orders. With Fitts, you will never just be one of many.

PERSONAL RELATIONSHIPS | Fitts hires only the most respected and hard-working sales representatives in the United States and Japan. They are independent contractors that represent an array of related building materials so that they have a diverse offering to fit your company's needs. Fitts' goal is to become an important part of your business plan, as well as a trusted partner for the future.

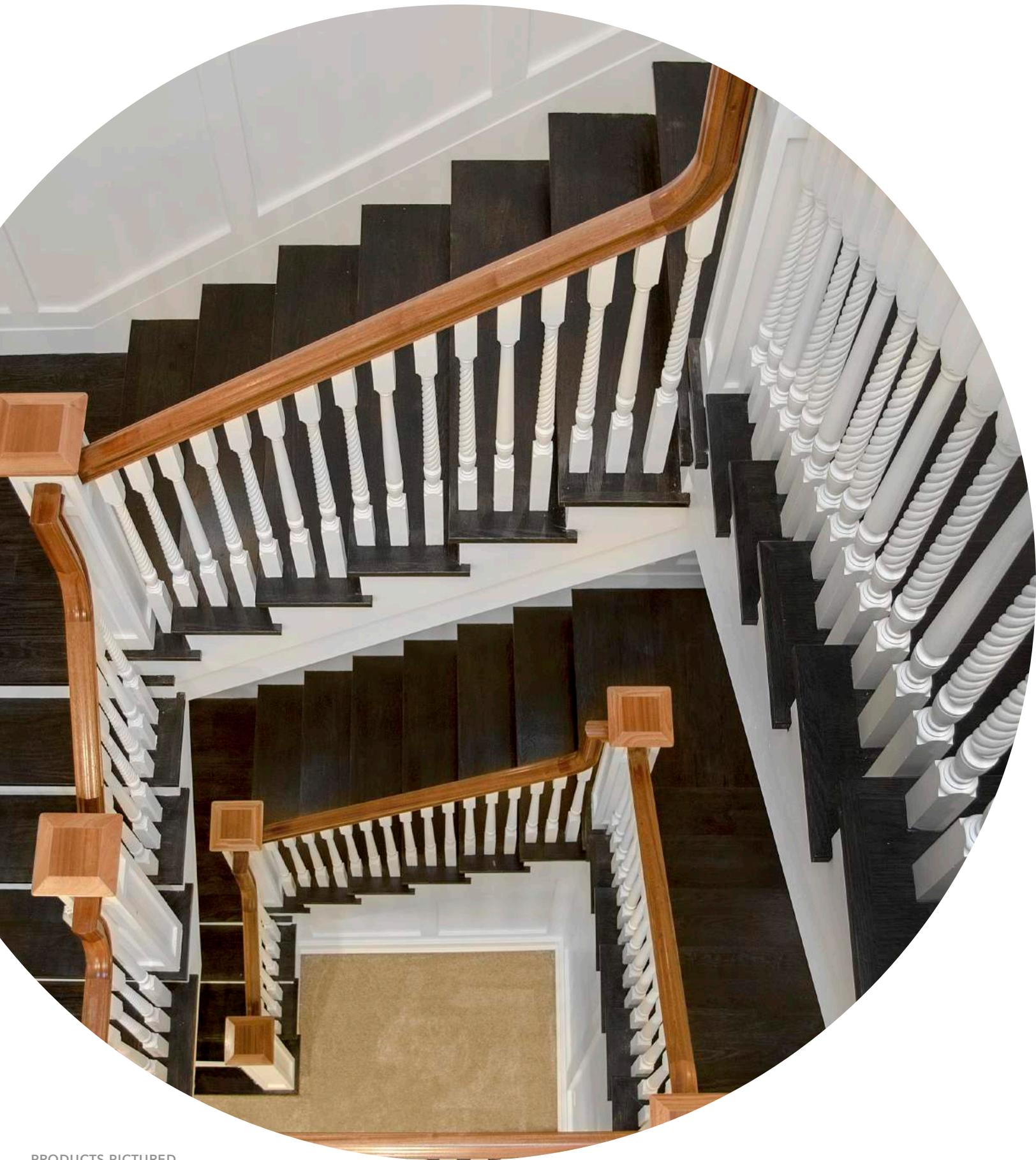
QUALITY & SIMPLICITY | Fitts realizes that what reigns is true quality. We do not focus attention on fancy connection hardware or complicated systems. We do believe in saving you money by making the product right the first time. We thoroughly test our components so that tolerances between fittings and rails remain true and you can be confident when using our products in the field.

MADE IN THE USA | If you want a truly American made wood stair component, we can make it!



DID YOU KNOW?

The original structure of Fitts' first facility was built from pipes and material from decommissioned World War II ships.



PRODUCTS PICTURED

NEWEL: CUSTOM BOX NEWEL • BALUSTERS:
F5405 & F5405-TW • HANDRAIL: F6410-P

TABLE OF CONTENTS

BASICS

- 02 | Why Fitts?
- 05 | Architecturally Inspired Stair Systems
- 08 | Basic Stair Design
- 09 | 7 Simple Steps to Selecting Your Perfect Staircase
- 10 | Photo Gallery

HARDWOOD

- 23 | Traditional • Post-to-Post & Over-the-Post
- 25 | Lexington • Post-to-Post & Over-the-Post
- 27 | Hampton • Post-to-Post & Over-the-Post
- 29 | Canterbury • Post-to-Post & Over-the-Post
- 31 | Sheraton • Post-to-Post & Over-the-Post
- 33 | Sheraton Twist • Post-to-Post & Over-the-Post
- 35 | Mission • Post-to-Post
- 36 | Craftsman • Post-to-Post
- 37 | Box Newels



FORGED IRON

- 43 | Forged Iron
- 44 | Finish Options
- 45 | Iron Collections
- 53 | Hollow Iron
- 55 | Iron Newel Posts
- 56 | Iron Accessories



STAINLESS STEEL CABLE

- 57 | Modern Railing Designs
- 58 | Cable Systems, Tools & Accessories

STRUCTURAL & ACCENT COMPONENTS

- 59 | Handrail Profiles
- 61 | Handrail Fittings
- 64 | Starting Steps
- 65 | Treads & Risers
- 66 | Mouldings
- 67 | Hardware & Tools

HEMLOCK

- 70 | About Hemlock
- 71 | Hemlock Collections
- 76 | Hemlock Accessories



GLOSSARY & INDEX

- 78 | Glossary Terms & Definitions
- 79 | Index

WOOD SPECIES OFFERING

- 00 | Inside left flap

architectural

I N S P I R A T I O N S

Stair System Designs to Complement Your Home

Our society is the greatest cultural melting pot of diversity in history. This grand diversity is reflected in the myriad of architectural themes that we see in the homes that dot our landscape. Prominent architectural styles and themes have always been noticeable, but some are easier to distinguish than others. Today, we see a great deal of what we call "period homes" that take these architectural elements and recreate them with a modern flair. We are able to adapt these characteristics into homes that fulfill our needs with the elements of design that suit our styles. These architectural themes are the foundation of modern home design. Here are several examples that will aid in the selection process of your stair design to match the look of your home. Each family of stair systems will suggest which architectural style of home best matches the design components of that family.

COLONIAL



KEY FEATURES:

- 2-1/2 story homes
- Symmetrical and box shaped
- Small-paned windows
- Shuttered windows
- Simple millwork

SUGGESTED STAIR SYSTEMS:

- Traditional
- Lexington

Colonial homes evolved from English Cottages to what would eventually become the "Cape Cod" style. These homes were built out of wood "clapboard" siding and had small-paned windows. It has been said that these designs aided a family through harsh and confining winters. Two story versions of these homes were called the "New England Large" and were 2-1/2 story residences. Designs were a classical box design and gained the adoring nickname "salt box".

GEORGIAN



KEY FEATURES:

- Traditionally brick construction
- Some clapboard construction
- Large fireplaces
- Greek columns
- Large "Palladian" style window over the front door on second floor

SUGGESTED STAIR SYSTEMS:

- Sheraton
- Forged Iron

18th century England embraced Italian Renaissance design. Likewise, the 13 English Colonies looked to the homeland for modern design. Only the wealthy would own these large palatial homes. The design was balanced, and included large rooms suitable for warm fireplaces and cooking areas. In the North, many of these homes were built of wood, whereas in the South they were constructed of red brick. Many popular designs included a hip or gable roof and later included Greek style columns. The Georgian name came not from the region of construction, but as a namesake of King George I - IV.

FRENCH COLONIAL



KEY FEATURES:

- Hipped roof
- Features adapted for modern functionality

SUGGESTED STAIR SYSTEMS:

- Sheraton
- Forged Iron

In this design you can see a European influence with a French provincial and farmhouse combination providing a country French aesthetic. Popularized by soldiers returning from the First and Second World Wars, GIs took the concepts of steep-hipped roof lines and shuttered windows and incorporated them into the modern day period home.

FARMHOUSE



KEY FEATURES:

- Gothic arched windows
- Church-like appearance
- Open front porch
- Single building material

SUGGESTED STAIR SYSTEMS:

- Traditional
- Hampton

American farmhouse or American Gothic architecture tends to have an asymmetric styling with pinnacle peaked roof lines and ornamental mouldings. The best way to describe this appearance is church-like with alternating window shapes and styles. Construction of these homes usually does not stray from a single building material - typically wood. Homes are designed with a covered front porch seating area.

MOUNTAIN HOME



KEY FEATURES:

- A-frame roof design - typically made of wood shingle
- Natural construction materials
- Large windows
- Rustic, unfinished appearance

SUGGESTED STAIR SYSTEMS:

- Mission

Rustic mountain homes typically utilize stair products that have natural wood characteristics. Fitts offers alder stair components that display the natural knots and characteristics of wood.

Rustic mountain homes take aspects of Swiss Chalet and A-frame construction and incorporate them with the modern comforts of design. Building materials are often natural, such as stone and/or log beams. Roofs are typically steep A-frame construction and made of wood shingles to shed the weight of winter snow. Large windows are incorporated to offer breathtaking views. Architectural characteristics attempt to work in as much the outside world as the inside world.

(continued on next page)

architectural

I N S P I R A T I O N S

CRAFTSMAN



KEY FEATURES:

- Handmade attributes
- Built in furnishings such as stairs
- Earth tone colors
- Natural materials
- Simple use of materials

SUGGESTED STAIR SYSTEMS:

- Mission©
- Box Newels

The Arts and Crafts movement is defined by design paired with hand made and natural materials. Stair components are sometimes square and boxy with Art Nouveau design. These earthy attributes give the house a handmade feel. Arts and Crafts styles later inspired bungalow style homes, which are wood homes with touches of Spanish, and even Japanese, influences that share the rustic simplicity of the craftsman.

SPANISH COLONIAL



KEY FEATURES:

- Painted stucco walls
- Tile roofs
- Arched doorways and windows
- Wrought iron

SUGGESTED STAIR SYSTEMS:

- Provence© wrought iron
- Phoenix© wrought iron

A mixture of Spanish Colonial and Mediterranean design features, this architectural style was the design of Bertram Goodhue, a famous California architect. This style, one of the first to earn its own classification, dots the landscape across Southern California, Arizona, New Mexico, Texas, and Florida. Spanish styling was popularized in Hollywood when celebrities built Spanish Colonial style homes for their personal residences. These homes feature tile roofs, stucco and painted stucco exteriors, and rounded doorways and windows.

MODERN



KEY FEATURES:

- Smooth lines
- Large amount of windows
- Based off of modern machines

SUGGESTED STAIR SYSTEMS:

- Loft©

Contemporary homes feature sparse millwork and have a stark yet simple architectural design. Stair systems would typically be dramatic and smooth. Many builders include cable wire and/or glass.

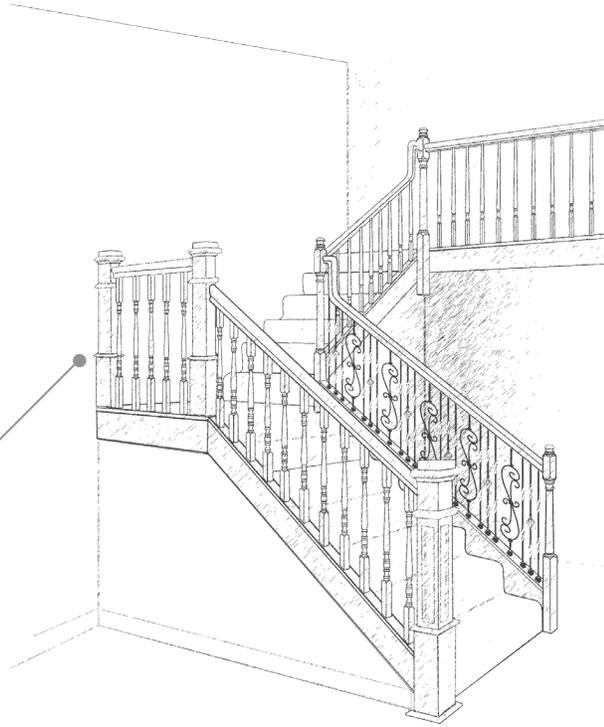
Contemporary design draws upon the design aspects of the machine age. Inspired by the lines of trains and airplanes, architects in the 1930's began designing for the future. Walls are typically smooth with continuing windows that give a seamless appearance. These designs incorporate characteristics of Art Nouveau as well as architectural features of the Bauhaus.

stair design

T H E B A S I C S

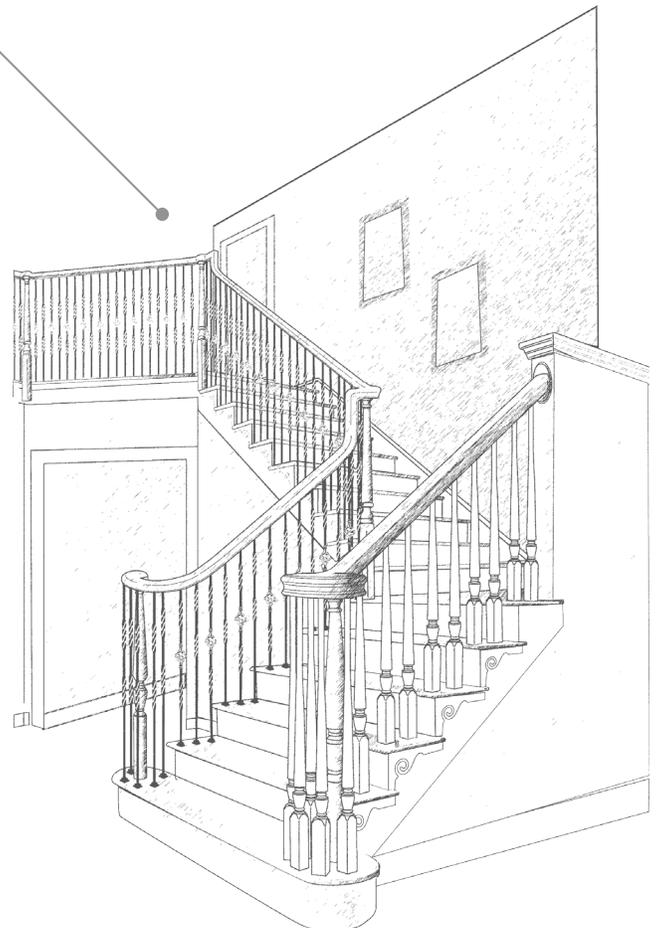
POST TO POST

Handrail runs between a series of newels utilizing a gooseneck fitting to compensate for transitions in rise.



OVER THE POST

Handrail runs over a series of newels using fittings. This design provides the aesthetic that the handrail is continuous.





IDENTIFY THE ARCHITECTURAL THEME

It is first important to identify the architectural

theme of the home. Pages 5-7 outline several common home styles to help you with your determination. The wonderful part about designing your staircase is that you can customize it even further by picking the colors on your palette. What we attempt to do is aid you by offering suggestions to add consistency to your design.

1.

CHOOSE YOUR ACCESSORIES

ICING ON THE CAKE

Sometimes the perfect shoes make the outfit. Do you want wood treads? Carpet? Do you want to match your wall rail brackets to your door hinge color? All of these choices are the icing on the cake. Be fearless. Be bold. Let your stairs take your home to the next level.

7.



7 SIMPLE STEPS

SELECTING YOUR PERFECT STAIRCASE

CHOOSE YOUR BALUSTERS

ACCENT THE DESIGN

6.

As you have seen by this point, there are many systems of products that work together in families. If you are choosing wood products, you can easily select balusters that match the turning of the newel post you have selected. You can also mix and match, selecting square balusters with no turning details. If you are looking for different materials, iron or stainless cable is a great option. Forged iron balusters and the variety of details that they offer can provide a unique layout pattern option for your home. Pictured throughout the catalog are several patterns that homeowners have chosen. You can also go bold and create your own unique pattern.

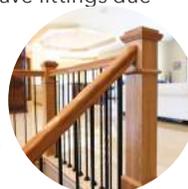


CHOOSE YOUR HANDRAIL

SOMETHING TO HOLD ON TO

5.

Once you have selected your newel post, you will notice that we have created systems of products that work in conjunction with one another. This does not limit your handrail or baluster selection to one particular family. It is your design! These systems simply work together based on size proportion and availability of fittings for the handrails. Ultimately it is important that if you have chosen an OTP rail system that the profile of handrail you have selected has corresponding fittings available. Certain rails do not have fittings due to their sizes and the limited geography where they pass code. Always check local building codes before purchasing or installing stair parts.



2.



SELECT YOUR PREFERRED SPECIES OF WOOD (OR WOOD & IRON COMBINATION)

The majority of this catalog shows raw, unfinished red oak stair components. Red oak, because of its timeless beauty and durability, has long been the standard choice for flooring and stair parts. Many people choose their wood species based on flooring options, availability of the specie, cost, and even matching the wood of their furniture. We have also provided several stain color options on the inside back tab of the cover to show what effect stain can have on your specie of wood - often changing the look altogether. In addition to wood, Fitts' forged iron is available in six unique finishes to further accent the beauty of your home.

CHOOSE POST-TO-POST OR OVER-THE-POST

3.

Page 8 shows a simplified example of a post-to-post (PTP) and an over-the-post (OTP) stair case. The choice is completely up to you! If your style draws you to the clean lines of continuous handrails, then an OTP system would be the way to go. If you prefer the look of box newels, or newels with decorative tops, then the PTP system may be a better option for you. You can also make rail transitions more decorative by combining the two styles and utilizing fittings that transition into the newel rather than running over the top of it. This is known as a railing that runs post-to-post with fittings.

CHOOSE YOUR NEWELS

MAKE A STATEMENT

4.

Selecting a newel post can very quickly determine both your rail orientation (PTP or OTP) and streamline your stair system decision. If you are choosing box newels or a newel with a ball top detail, you have already selected a post-to-post rail system. If you decide you are set on an iron newel post or a round Sheraton F4454, this will lend itself to an over-the-post railing system. Factors including size of the newel and visual impact that it will make at the beginning of the staircase are important to determine.



life & style

I N S P I R A T I O N S



PRODUCTS PICTURED

NEWEL: F4410 • BALUSTER: F5415-PR • HANDRAIL: F6410-BR • FITTING: F7430



PRODUCTS PICTURED

ABOVE • NEWEL: F4410-FL •
BALUSTER: F5415-FL • CUSTOM
HANDRAIL

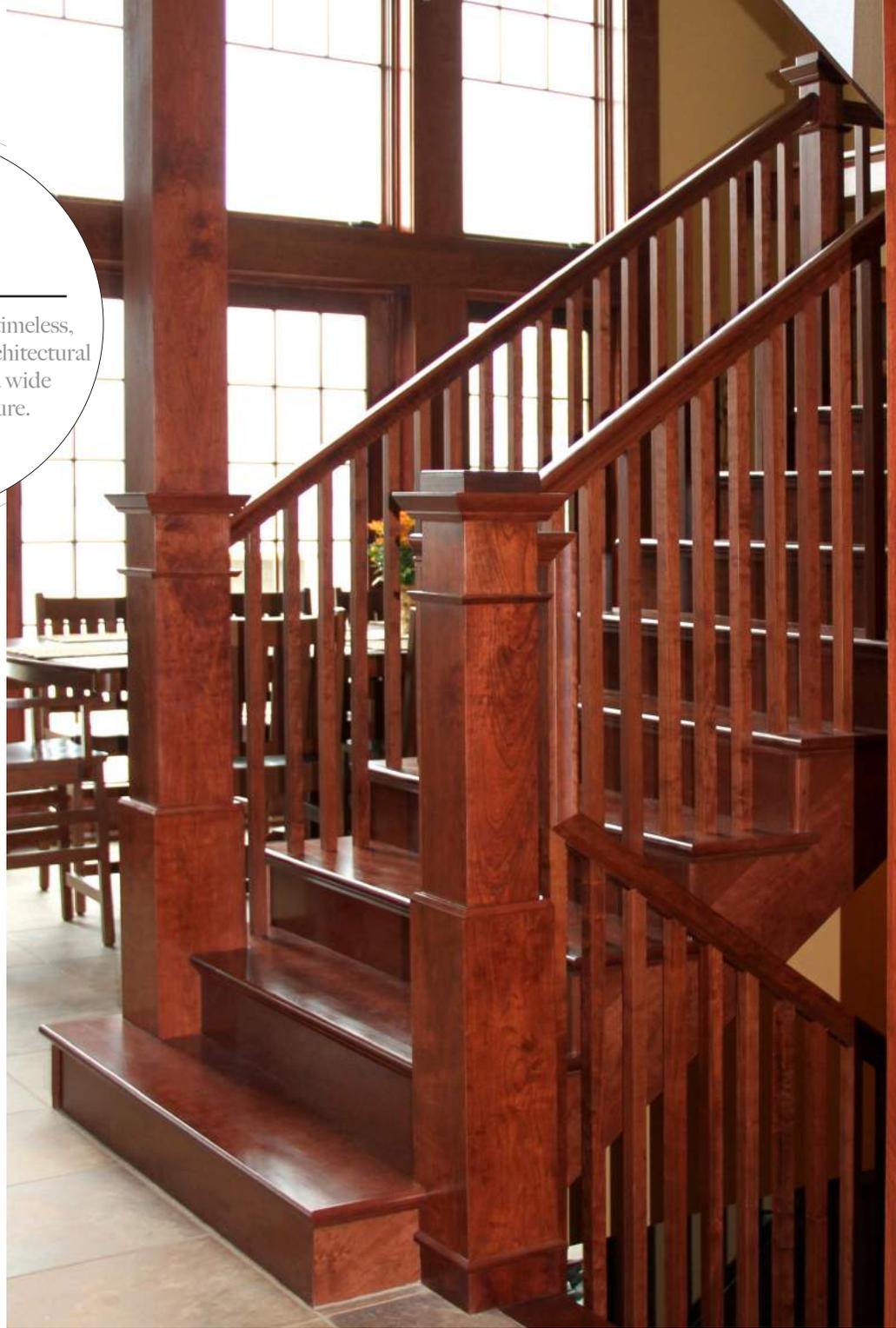
LEFT • NEWEL: F4010-48 •
BALUSTER: F5060-PR • HANDRAIL:
F6010-P

DESIGN TIP

The use of painted balustrade can lighten the appearance of the room, thus opening up the space and making the room look larger.

DESIGN TIP

Square stair products are timeless, work with many different architectural styles, and often match a wide range of period furniture.



PRODUCTS PICTURED

RIGHT • NEWEL: CUSTOM F4097
• BALUSTER: F5060 • HANDRAIL:
F6010-P

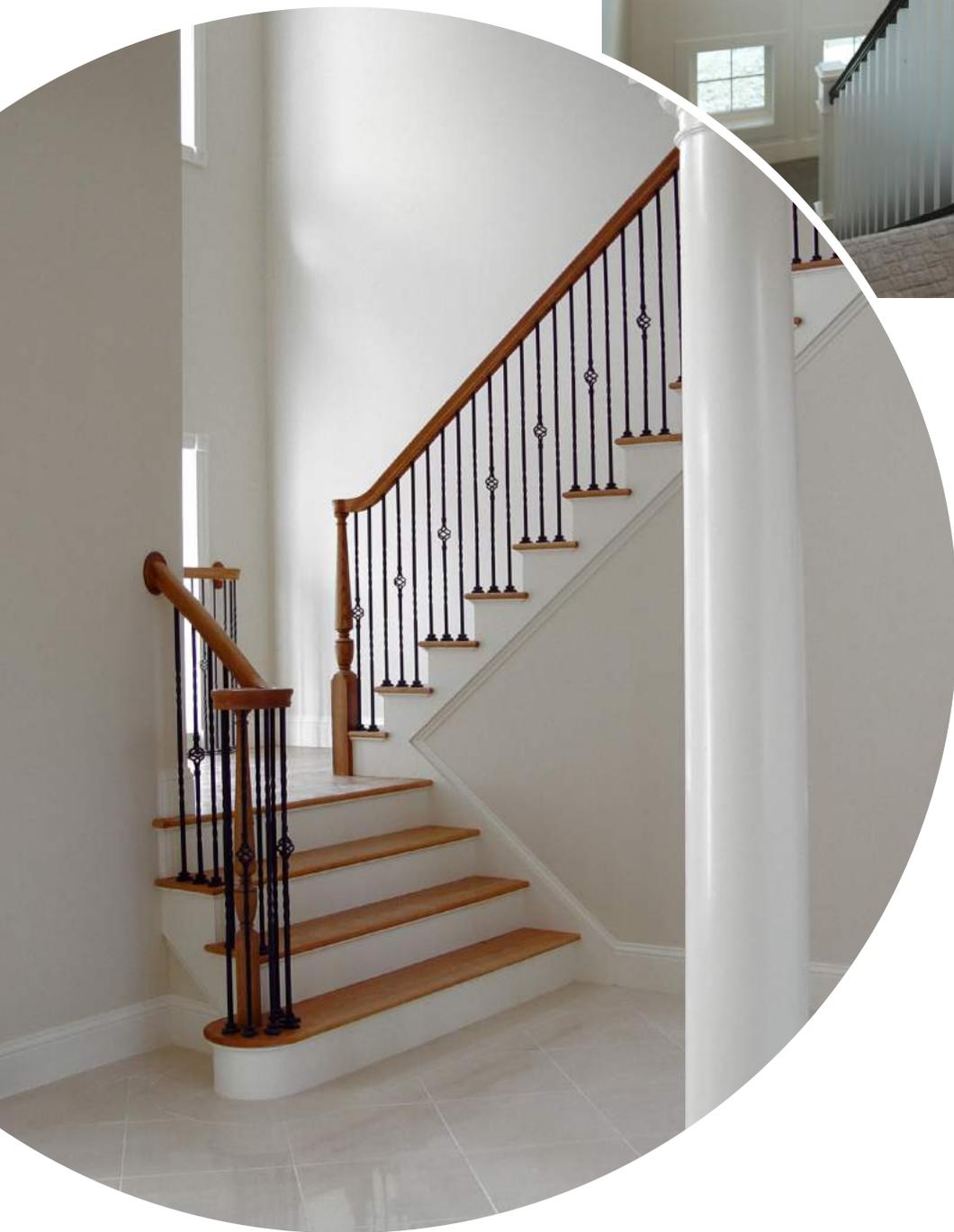
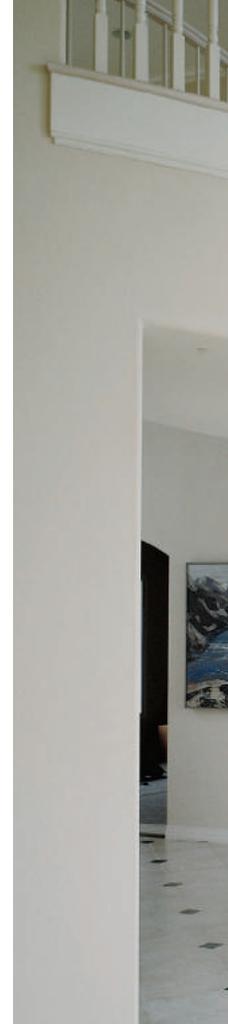
BELOW • NEWEL: F4091-RP •
BALUSTER: F5405 • HANDRAIL:
F6410-P



PRODUCTS PICTURED

RIGHT • NEWEL: F4091-PR • BALUSTER:
F5360-PR • HANDRAIL: F6210-P

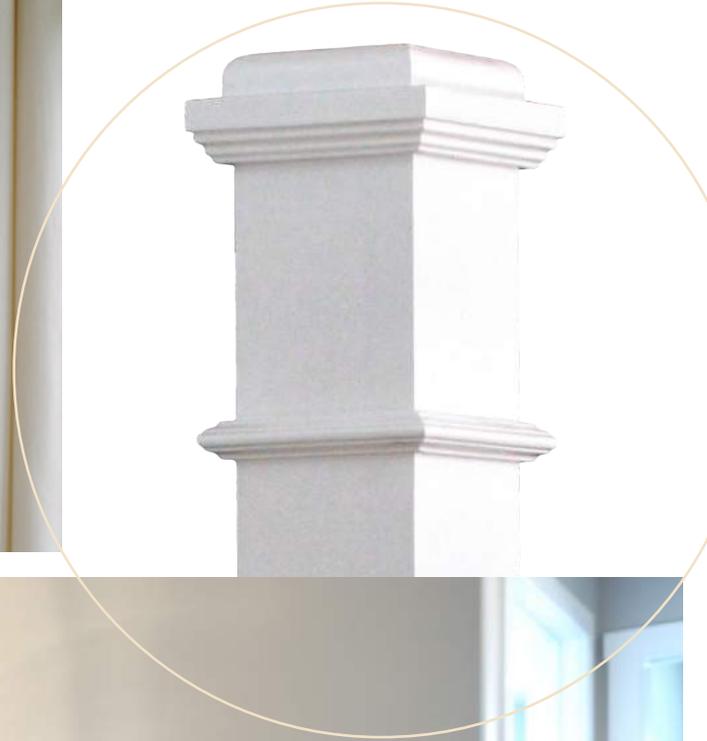
BELOW • NEWEL: F4410 • BALUSTERS:
F15512-44 & F15515-44 • HANDRAIL:
F6210 • FITTINGS: F7210 & F7230



PRODUCTS PICTURED

LEFT • NEWEL: F4010 • BALUSTER: 5015-PR • HANDRAIL: F6010 & F6010-BR

BELOW • NEWEL: F4091-PR • BALUSTER: F5060-PR • HANDRAIL: F6010-P







PRODUCTS PICTURED

TOP LEFT • NEWEL: F4091 • BALUSTERS: FIH5515-44 & FIH5516-44 WITH FI3101 SHOES • HANDRAIL: 6010

BOTTOM LEFT • NEWEL: F4091-PR • BALUSTER: F5060-PR • HANDRAIL: F6010-P

RIGHT • NEWEL: F4090 • BALUSTER: FIH5560-44AN WITH FI3101-1 1/4 SHOES • HANDRAIL: F6002



PRODUCTS PICTURED

NEWEL: F4410 • BALUSTER: F5415-PR • HANDRAIL: F6410-BR •
FITTING: F7430



PRODUCTS PICTURED

ABOVE • BALUSTER: F5405 • HANDRAIL: F6210-P

**LEFT • NEWEL: F4410 • BALUSTER: F5415-PR •
HANDRAIL: F6410-BR • FITTING: F7435**

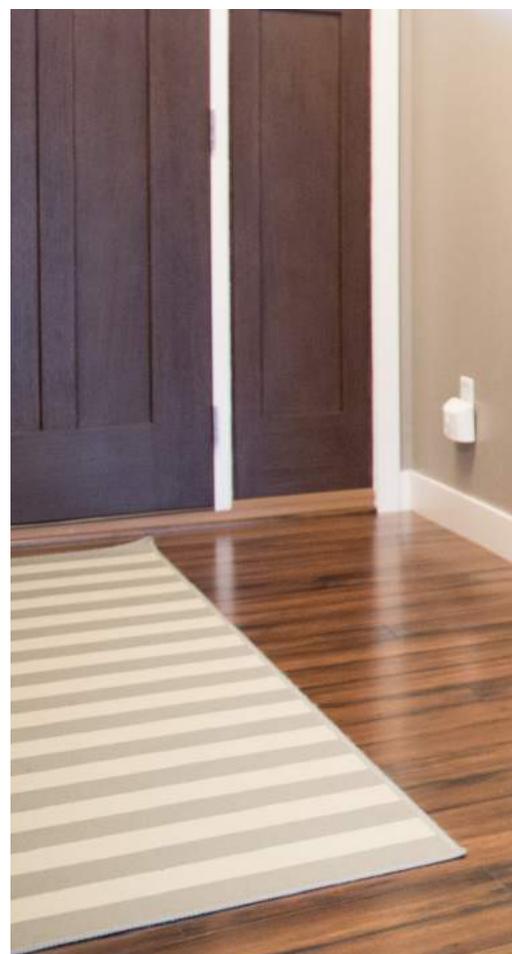
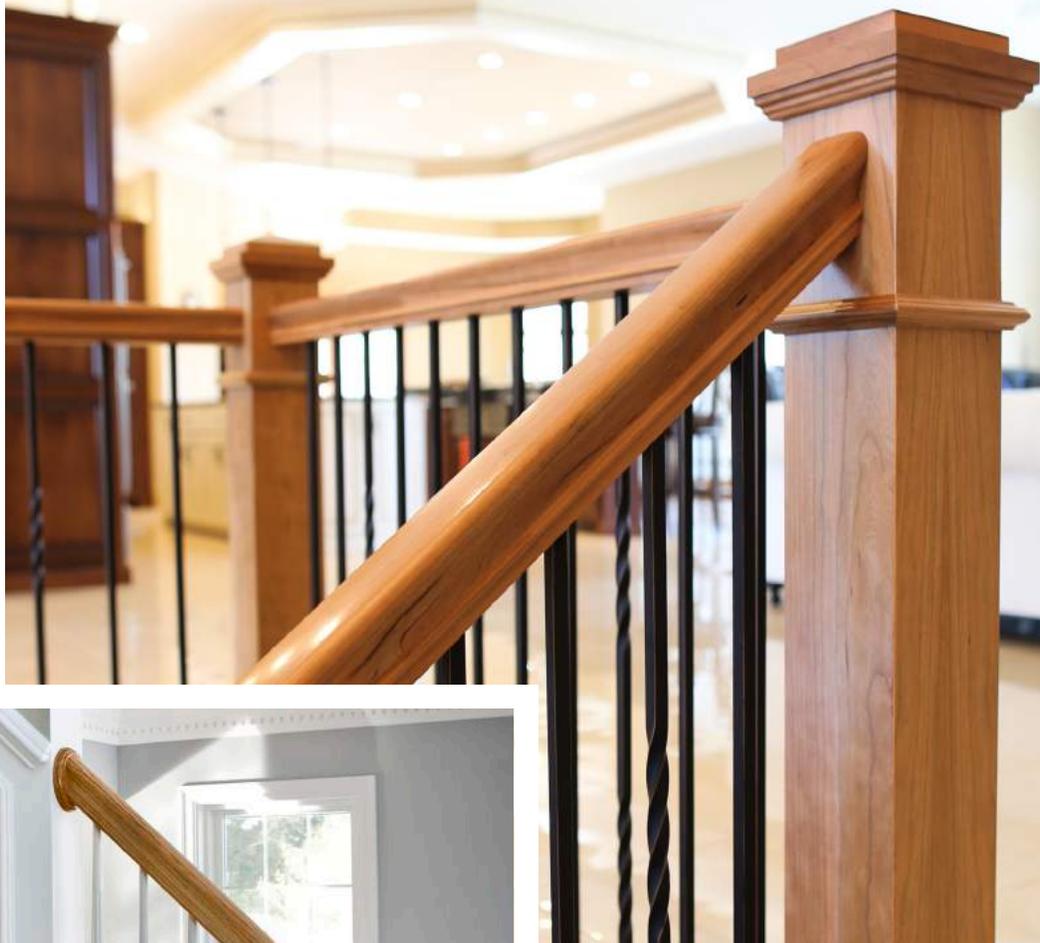
PRODUCTS PICTURED

TOP LEFT • NEWEL: F4091 • BALUSTERS:
FIH5512-44RB & FIH5560-44RB • HANDRAIL:
F6010

TOP CENTER • BALUSTER: F5060-PR • HANDRAIL:
F6010-P

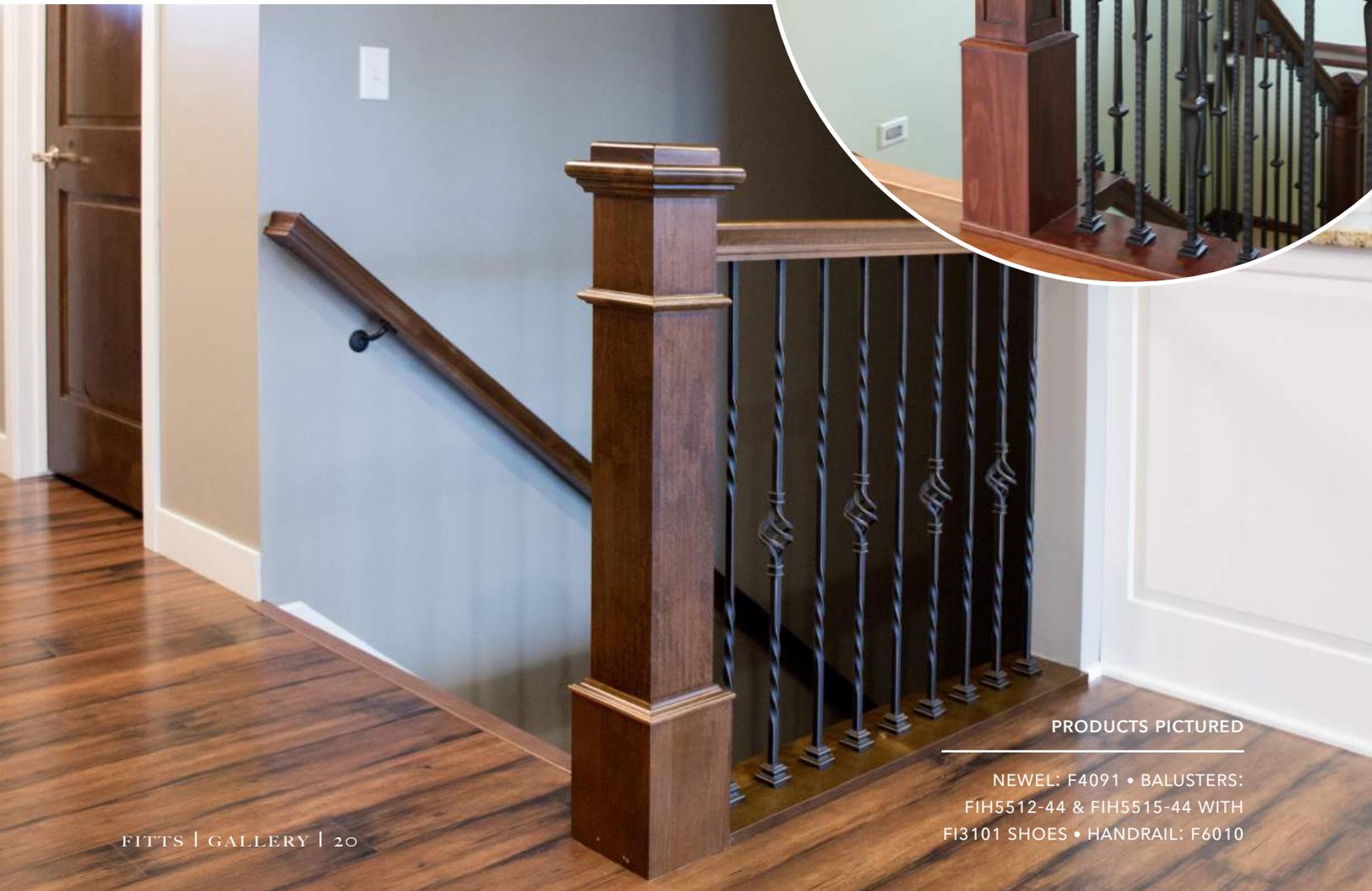
TOP RIGHT • BALUSTER: F5415-PR • HANDRAIL:
F6410

BELOW • NEWEL: F4454-FL • BALUSTER: F5415-
PR-FL • HANDRAIL: F6410 • FITTINGS: F7430 &
F7435



PRODUCTS PICTURED

BELOW • NEWEL: F4092-FP •
BALUSTERS: FI5541-44, FI5542-44
& FI5540 WITH FI3101-2 SHOES •
HANDRAIL: 6010



PRODUCTS PICTURED

NEWEL: F4091 • BALUSTERS:
FIH5512-44 & FIH5515-44 WITH
FI3101 SHOES • HANDRAIL: F6010



PRODUCTS PICTURED

**ABOVE • CUSTOM NEWEL •
BALUSTER: F5911-PR • HANDRAIL:
F6410**

**LEFT • NEWELS: F4045, F4042
& F4063 • BALUSTER: F5015-PR
• HANDRAIL: F6010 • FITTING:
F7030**

DID YOU KNOW?

Oftentimes, handrail fittings are used to accommodate a rise of handrail into a newel post. If you prefer to install rail without fittings, you can choose the appropriate newel with an elongated top square section to account for the changes in elevation.

DID YOU KNOW?

Some handrails (like the 6019 pictured to the right) no longer meet current handrail graspability codes in certain areas. Always check local building codes before selecting your stair parts.

PRODUCTS PICTURED

RIGHT • NEWELS: F4500, F4505 & F4503 • **BALUSTER:** F5005 • **HANDRAIL:** F6019

BOTTOM LEFT • NEWELS: F4454 & F4442 • **BALUSTER:** F5415-PR • **HANDRAIL:** F6410 • **FITTINGS:** F7430, F7435 & F7499

BOTTOM CENTER • BALUSTER: F5415-PR • **HANDRAIL:** F6410

BOTTOM RIGHT • NEWEL: F4010 • **BALUSTERS:** FI5500-44 & FI5521-44 • **HANDRAIL:** F6010-BR • **FITTINGS:** F7031 & F7036





F4040



F4042



F4040-60



F4045



F4046



F4055 (68")
F4058 (83")
*Not to scale



Mushroom Top
(Pictured)



Ball Top
(Specify -BT
when ordering)



F5015



F5017



F5035



F5040



HANDRAILS



F6010



F6010-P



F6045



F5067



F5070



F5071



F5015-PR



F5070-PR

SUGGESTED ARCHITECTURAL PAIRING:

- COLONIAL
- FARMHOUSE

*SQUARE TOP BALUSTERS MUST USE PLOWED HANDRAILS



Pin Top Detail



Ring Detail

DID YOU KNOW?
 Pin top newels are designed to stabilize and support handrail fittings. Many fittings are designed with receivers called "caps" that fit on top of the pin.



F4063



F4064



F4030



F4035



BENDING RAIL

F6010-BR

FP6015



Newel Post Dimensions • Post-to-Post						
Part #	Height	Width	Finial	Top Block	Turning	Base Block
F4040	47-1/2"	3"	2-3/8"	5"	23-1/4"	16-7/8"
F4040-BT	47-1/2"	3"	3-1/2"	5"	23-1/4"	15-3/4"
F4040-60	60"	3"	2-3/8"	5"	23-1/4"	29-3/8"
F4040BT-60	60"	3"	3-1/2"	5"	23-1/4"	28-1/4"
F4042	53-1/2"	3"	2-3/8"	5"	23-1/4"	22-7/8"
F4042-BT	53-1/2"	3"	3-1/2"	5"	23-1/4"	21-3/4"
F4045	60"	3"	2-3/8"	10"	23-1/4"	24-3/8"
F4045-BT	60"	3"	3-1/2"	10"	23-1/4"	23-1/4"
F4046	60"	3"	2-3/8"	13"	18-1/4"	26-3/8"
F4046-BT	60"	3"	3-1/2"	13"	18-1/4"	25-1/4"
F4055	68"	3"	2-3/8"	5"	23-1/4"	37-3/8"
F4055-BT	68"	3"	3-1/2"	5"	23-1/4"	41-1/4"
F4058	83"	3"	2-3/8"	5"	23-1/4"	52-3/8"
F4058-BT	83"	3"	3-1/2"	5"	23-1/4"	51-1/4"

Newel Post Dimensions • Over-the-Post						
Part #	Height	Width	Top Pin	Base Block	Turning	Install Pin
F4063*	47-1/2"	2-3/4"	1"	---	39-1/2"	7"
F4064*	49"	2-3/4"	1"	---	41"	7"
F4030	43"	3"	1"	15"	27"	---
F4035	60"	3"	1"	32"	27"	---

Baluster Dimensions					
Part #	Height	Width	Top Block	Turning	Base Block
F5015-31*	31"	1-1/4"	---	22-5/8"	7-3/4"
F5015-34*	34"	1-1/4"	---	25-5/8"	7-3/4"
F5015-36*	36"	1-1/4"	---	27-5/8"	7-3/4"
F5015-39*	39"	1-1/4"	---	30-5/8"	7-3/4"
F5015-42*	42"	1-1/4"	---	33-5/8"	7-3/4"
F5017-31	31"	1-1/4"	---	22-5/8"	7-3/4"
F5017-34	34"	1-1/4"	---	25-5/8"	7-3/4"
F5017-36	36"	1-1/4"	---	27-5/8"	7-3/4"
F5017-39	39"	1-1/4"	---	30-5/8"	7-3/4"
F5017-42	42"	1-1/4"	---	33-5/8"	7-3/4"
F5035-34	34"	1-1/4"	---	31-3/8"	2"
F5035-36	36"	1-1/4"	---	33-3/8"	2"
F5035-39	39"	1-1/4"	---	36-3/8"	2"
F5035-42	42"	1-1/4"	---	39-3/8"	2"
F5040-31	31"	1-1/4"	---	30-3/8"	---
F5040-36	36"	1-1/4"	---	35-3/8"	---
F5040-39	39"	1-1/4"	---	35-3/8"	---
F5040-42	42"	1-1/4"	---	41-3/8"	---
F5067-31	31"	1-1/4"	5-7/8"	18-7/8"	6-1/8"
F5067-36	36"	1-1/4"	8-3/8"	18-7/8"	8-1/2"
F5067-39	39"	1-1/4"	8-3/4"	21-1/2"	8-1/2"
F5067-42	42"	1-1/4"	9-1/4"	24"	8-1/2"
F5070-36*	36"	1-1/4"	7-5/8"	21-7/8"	6-1/2"
F5070-39*	39"	1-1/4"	8"	24-1/2"	6-1/2"
F5070-42*	42"	1-1/4"	8-1/2"	27"	6-1/2"
F5071-31**	31"	1-1/4"	5-1/2"	22"	6-1/2"
F5071-34**	34"	1-1/4"	6-1/2"	21-7/8"	5-1/2"

*Available primed - primed dimensions are the same
 **Knee wall baluster - not to be used with 36", 39" or 42"

Handrail Dimensions				
Part #	Height	Width	Base	Plow Width
F6010	2-3/8"	2-1/4"	1-1/2"	---
F6010-P*	2-3/8"	2-1/4"	1-1/2"	1-1/4"
F6010-BR	2-3/8"	2-1/4"	1-1/2"	---
F6045*	3/4"	2-1/4"	1-5/8"	1-1/4"

*Includes fillet

LEXINGTON

POST-TO-POST



F4140 F4142 F4140-60 F4146



Ball Top Detail
4100 Series



Urn Detail
4100 Series



F4640 F4640-54 F4640-60 F4641



Horn Top Detail
4600 Series



Urn Detail
4600 Series

HANDRAILS



F6010

F6010-P



F6045



F5015 F5017 F5035 F5040



F5067 F5070 F5071 F5015-PR F5070-PR

SUGGESTED ARCHITECTURAL PAIRING:

- COLONIAL
- FRENCH COLONIAL
- FARMHOUSE

*SQUARE TOP BALUSTERS MUST USE PLOWED HANDRAILS

DID YOU KNOW?

Fitts' 4600 series is inspired by America's days as an equestrian society. The horn of a saddle is a utilitarian fixture on a Western saddle.



F4013



F4014



F4010



F4010-48



F4020



F4015



F4017 (68")
F4018 (83")
*Not to scale

BENDING RAIL



F6010-BR



FP6015



Newel Post Dimensions • Post-to-Post						
Part #	Height	Width	Finial	Top Block	Turning	Base Block
F4140	47-1/2"	3"	3-1/2"	5"	18"	21"
F4142	53-1/2"	3"	3-1/2"	5"	18"	27"
F4140-60	60"	3"	3-1/2"	5"	18"	33-1/2"
F4146	60"	3"	3-1/2"	13"	18"	25-1/2"
F4640	47-1/2"	3"	2-1/8"	5"	18"	19-3/4"
F4640-54	53-1/2"	3"	2-1/8"	5"	18"	25-3/4"
F4640-60	60"	3"	2-1/8"	5"	18"	32-1/2"
F4641	60"	3"	2-1/8"	10"	18"	27-1/4"

Newel Post Dimensions • Over-the-Post						
Part #	Height	Width	Top Pin	Base Block	Turning	Install Pin
F4013*	47-1/2"	3"	1"	12-1/2"	27"	7"
F4014*	49"	3"	1"	14"	27"	7"
F4010	43"	3"	1"	15"	27"	---
F4010-48	48"	3"	1"	20"	27"	---
F4020	48"	3"	1"	20"	27"	---
F4015	60"	3"	1"	32"	27"	---
F4017	68"	3"	1"	40"	27"	---
F4018	83"	3"	1"	55"	27"	---

Baluster Dimensions					
Part #	Height	Width	Top Block	Turning	Base Block
F5015-31*	31"	1-1/4"	---	22-5/8"	7-3/4"
F5015-34*	34"	1-1/4"	---	25-5/8"	7-3/4"
F5015-36*	36"	1-1/4"	---	27-5/8"	7-3/4"
F5015-39*	39"	1-1/4"	---	30-5/8"	7-3/4"
F5015-42*	42"	1-1/4"	---	33-5/8"	7-3/4"
F5017-31	31"	1-1/4"	---	22-5/8"	7-3/4"
F5017-34	34"	1-1/4"	---	25-5/8"	7-3/4"
F5017-36	36"	1-1/4"	---	27-5/8"	7-3/4"
F5017-39	39"	1-1/4"	---	30-5/8"	7-3/4"
F5017-42	42"	1-1/4"	---	33-5/8"	7-3/4"
F5035-34	34"	1-1/4"	---	31-3/8"	2"
F5035-36	36"	1-1/4"	---	33-3/8"	2"
F5035-39	39"	1-1/4"	---	36-3/8"	2"
F5035-42	42"	1-1/4"	---	39-3/8"	2"
F5040-31	31"	1-1/4"	---	30-3/8"	---
F5040-36	36"	1-1/4"	---	35-3/8"	---
F5040-39	39"	1-1/4"	---	35-3/8"	---
F5040-42	42"	1-1/4"	---	41-3/8"	---
F5067-31	31"	1-1/4"	5-7/8"	18-7/8"	6-1/8"
F5067-36	36"	1-1/4"	8-3/8"	18-7/8"	8-1/2"
F5067-39	39"	1-1/4"	8-3/4"	21-1/2"	8-1/2"
F5067-42	42"	1-1/4"	9-1/4"	24"	8-1/2"
F5070-36*	36"	1-1/4"	7-5/8"	21-7/8"	6-1/2"
F5070-39*	39"	1-1/4"	8"	24-1/2"	6-1/2"
F5070-42*	42"	1-1/4"	8-1/2"	27"	6-1/2"
F5071-31**	31"	1-1/4"	5-1/2"	22"	6-1/2"
F5071-34**	34"	1-1/4"	6-1/2"	21-7/8"	5-1/2"

*Available primed - primed dimensions are the same

**Knee wall baluster - not to be used with 36", 39" or 42"

Handrail Dimensions				
Part #	Height	Width	Base	Plow Width
F6010	2-3/8"	2-1/4"	1-1/2"	---
F6010-P*	2-3/8"	2-1/4"	1-1/2"	1-1/4"
F6010-BR	2-3/8"	2-1/4"	1-1/2"	---
F6045*	3/4"	2-1/4"	1-5/8"	1-1/4"

*Includes fillet



F4500



F4503



F4501



F4505



F4540



F4545



Ball Top
Detail



Spade Top
Detail



F4240



F4242



F4245



F4246

HANDRAILS



F6210



F6210-P



F6710



F6710-P



F6710-P1



F6045



F6006



F5610



F5105



F5611



F5005



F5611-PR



F5005-PR

SUGGESTED ARCHITECTURAL PAIRING:
• FARMHOUSE



DESIGN FEATURE

At 3-1/2" and 4-1/4" in width, the Hampton 4500 series newel posts feature classic American designs that are familiar, bold, and built to last.



BENDING RAIL



Newel Post Dimensions • Post-to-Post						
Part #	Height	Width	Finial	Top Block	Turning	Base Block
F4500	48"	3-1/2"	3-1/2"	6-1/2"	17-1/2"	20-1/2"
F4503	48"	3-1/2"	3-1/2"	10"	17-1/2"	17"
F4501	56"	3-1/2"	3-1/2"	6-1/2"	17-1/2"	28-1/2"
F4505	56"	3-1/2"	3-1/2"	13"	17-1/2"	22"
F4540	48"	4-1/4"	3-1/2"	6-1/2"	17-1/2"	20-1/2"
F4545	56"	4-1/4"	3-1/2"	13"	17-1/2"	22"
F4240	48"	3-1/2"	4-1/4"	7-1/4"	17-1/2"	19"
F4242	56"	3-1/2"	4-1/4"	7-1/4"	17-1/2"	27"
F4245	56"	3-1/2"	4-1/4"	10"	17-1/2"	24-1/2"
F4246	56"	3-1/2"	4-1/4"	13"	17-1/2"	21-1/4"

Newel Post Dimensions • Over-the-Post						
Part #	Height	Width	Top Pin	Base Block	Turning	Install Pin
F4210	43"	3-1/2"	1"	15-1/2"	26-1/2"	---
F4210-48	48"	3-1/2"	1"	20-1/2"	26-1/2"	---
F4215	60"	3-1/2"	1"	32-1/2"	26-1/2"	---

Baluster Dimensions					
	Height	Width	Top Block	Turning	Base Block
5610-36	36"	1-1/4"	---	27-1/2"	8-1/2"
5610-42	42"	1-1/4"	---	27-1/2"	14-1/2"
5105-36	36"	1-1/4"	5-3/4"	17-1/2"	13-1/4"
5105-42	42"	1-1/4"	5-3/4"	17-1/2"	19-1/4"
F5005-32*	32"	1-3/4"	5-3/4"	17-1/2"	8-3/4"
F5005-36*	36"	1-3/4"	5-3/4"	17-1/2"	12-3/4"
F5005-42*	42"	1-3/4"	5-3/4"	17-1/2"	18-3/4"
F5005-48*	48"	1-3/4"	5-3/4"	17-1/2"	24-3/4"
F5611-32*	32"	1-3/4"	---	23-1/4"	8-3/4"
F5611-36*	36"	1-3/4"	---	27-1/4"	8-3/4"
F5611-42*	42"	1-3/4"	---	27-1/4"	14-3/4"

*Available primed

Handrail Dimensions				
Part #	Height	Width	Base	Plow Width
F6210	2-3/8"	2-5/8"	2"	---
F6210-P*	2-3/8"	2-5/8"	2"	1-3/4"
F6210-BR	2-3/8"	2-5/8"	2"	---
F6710	2-3/8"	2-5/8"	2-1/4"	---
F6710-P*	2-3/8"	2-5/8"	2-1/4"	1-1/4"
F6710-P1*	2-3/8"	2-5/8"	2-1/4"	1-3/4"
F6710-BR	2-3/8"	2-5/8"	2-1/4"	---
F6045*	3/4"	2-1/4"	1-5/8"	1-1/4"
F6006*	1"	2-3/4"	2-1/4"	1-3/4"

*Includes fillet



F4940-52



F4946



Ball Top
Detail



Plain Detail



F4940-FL-52



F4946-FL



Fluted Detail



Barrel Detail



F5019



F5109



F5911



F5905



F5911-FL



F5905-FL



F5911-PR



F5020-PR

HANDRAILS



F6710



F6710-P1



F6910



F6910-P



F6045



F6006

SUGGESTED ARCHITECTURAL PAIRING:

- MOUNTAIN HOME
- SPANISH COLONIAL

DESIGN FEATURE

With elegant sweeping lines and ornate detail, Fitts' Canterbury turnings offer modern sophistication with a Western flair.



Newel Post Dimensions • Post-to-Post						
Part #	Height	Width	Finial	Top Block	Turning	Base Block
F4940-52*	52"	3-1/2"	4-7/8"	5"	22-3/4"	19-3/8"
F4946*	60"	3-1/2"	4-7/8"	12"	16-1/2"	26-5/8"
*Plain and fluted product dimensions are the same						
Newel Post Dimensions • Over-the-Post						
Part #	Height	Width	Top Pin	Base Block	Turning	Install Pin
F4910*	52"	3-1/2"	1"	24-1/4"	22-3/4"	---
F4915*	60"	3-1/2"	1"	36-1/4"	22-3/4"	---
*Plain and fluted product dimensions are the same						
Baluster Dimensions						
Part #	Height	Width	Top Block	Turning	Base Block	
F5019-36	36"	1-1/4"	---	25-5/8"	10-3/8"	
F5019-42	42"	1-1/4"	---	25-5/8"	16-3/8"	
F5109-36	36"	1-1/4"	6-3/8"	19-1/4"	10-3/8"	
F5109-42	42"	1-1/4"	6-3/8"	19-1/4"	16-3/8"	
F5911-36*	36"	1-3/4"	---	25-5/8"	10-3/8"	
F5911-42*	42"	1-3/4"	---	25-5/8"	16-3/8"	
F5905-36*	36"	1-3/4"	6-3/8"	19-1/4"	10-3/8"	
F5905-42*	42"	1-3/4"	6-3/8"	19-1/4"	16-3/8"	
F5020-36-PR	36"	1-1/4"	---	25-5/8"	10-3/8"	
F5020-42-PR	42"	1-1/4"	---	25-5/8"	16-3/8"	
*Plain, fluted, and primed product dimensions are the same						
Handrail Dimensions						
Part #	Height	Width	Base	Flow Width		
F6710	2-3/8"	2-5/8"	2-1/4"	---		
F6710-P1*	2-3/8"	2-5/8"	2-1/4"	1-1/4"		
F6710-BR	2-3/8"	2-5/8"	2-1/4"	---		
F6910	2"	2-5/8"	1-5/8"	---		
F6910-P*	2"	2-5/8"	1-5/8"	1-1/4"		
F6910-BR	2"	2-5/8"	1-5/8"	---		
F6045*	3/4"	2-1/4"	1-5/8"	1-1/4"		
F6006*	1"	2-3/4"	2-1/4"	1-3/4"		
*Includes fillet						



SHERATON

POST-TO-POST



F4440 F4442 F4445 F4446



F4440-FL F4442-FL F4445-FL F4446-FL



F5014 F5415 F5405 F5415-PR



F5014-FL F5415-FL F5405-FL F5415-FL-PR



*SQUARE TOP BALUSTERS MUST USE PLOWED HANDRAILS

DESIGN FEATURE

Inspired by the 18th century furniture designs of Thomas Sheraton, Fitts incorporates delicate features such as lamb's tongue, fluting, and regal urn details into its signature product offering.



F4454



F4410



F4415 (60")
F4418 (83")



F4454-FL



F4410-FL



F4415-FL (60")
F4418-FL (83")

HANDRAILS



F6310



F6310-P1



F6410



F6410-P



F6006

BENDING RAIL



F6410-BR



F6415

Newel Post Dimensions • Post-to-Post						
Part #	Height	Width	Finial	Top Block	Turning	Base Block
F4440*	48"	3-1/2"	3-3/4"	5-3/4"	23"	15-1/2"
F4442*	60"	3-1/2"	3-3/4"	5-3/4"	23"	27-1/2"
F4445*	60"	3-1/2"	3-3/4"	13"	23"	20-1/4"
F4446*	60"	3-1/2"	3-3/4"	13"	16-3/4"	26-1/2"

*Plain and fluted product dimensions are the same

Newel Post Dimensions • Over-the-Post						
Part #	Height	Width	Top Pin	Base Block	Turning	Install Pin
F4454*	49"	3"	1"	---	40"	8"
F4410*	48"	3-1/2"	1"	14-1/2"	27-1/2"	---
F4415*	60"	3-1/2"	1"	31-1/2"	27-1/2"	---
F4418*	83"	3-1/2"	1"	55-1/2"	27-1/2"	---

*Plain and fluted product dimensions are the same

Baluster Dimensions					
Part #	Height	Width	Top Block	Turning	Base Block
F5014-33*	33"	1-1/4"	---	17-1/4"	7-5/8"
F5014-36*	36"	1-1/4"	---	20-5/16"	7-5/8"
F5014-39*	39"	1-1/4"	---	22-3/4"	7-5/8"
F5014-42*	42"	1-1/4"	---	25-3/8"	7-5/8"
F5415-32*	32"	1-3/4"	---	24"	8"
F5415-36*	36"	1-3/4"	---	28"	8"
F5415-39*	39"	1-3/4"	---	31"	8"
F5415-40*	40"	1-3/4"	---	32"	8"
F5415-42*	42"	1-3/4"	---	34"	8"
F5405-32*	32"	1-3/4"	6-7/16"	17-1/16"	8"
F5405-36*	36"	1-3/4"	7-7/16"	20-1/16"	8"
F5405-39*	39"	1-3/4"	7-7/8"	22-5/8"	8"
F5405-40*	40"	1-3/4"	7-3/4"	23-3/4"	8"
F5405-42*	42"	1-3/4"	7-3/4"	25-3/4"	8"

*Plain and fluted product dimensions are the same / Available primed

Handrail Dimensions				
Part #	Height	Width	Base	Plow Width
F6310	2-1/2"	2-5/8"	2-1/4"	---
F6310-P1*	2-1/2"	2-5/8"	2-1/4"	1-3/4"
F6410	2-15/16"	2-5/8"	2-1/16"	---
F6410-P*	2-15/16"	2-5/8"	2-1/16"	1-3/4"
F6410-BR	2-15/16"	2-5/8"	2-1/16"	---
F6006*	1"	2-5/8"	---	1-3/4"

*Includes fillet

SHERATON

SERPENTINE ROPE TWIST

POST-TO-POST



F4440-TW



F4442-TW



F4445-TW



F4446-TW



Sweeping Lambstongue Detail



Elegant Rope Twist Detail



F5415-TW



F5405-TW



HANDRAILS



F6310



F6310-P1



F6410



F6410-P



F6006

SUGGESTED ARCHITECTURAL PAIRING:

- GEORGIAN
- FRENCH COLONIAL
- COLONIAL

*SQUARE TOP BALUSTERS MUST USE PLOWED HANDRAILS

DESIGN FEATURE

Adorned with a lamb's tongue detail and a six process serpentine rope twist, the Sheraton line is symbolic of lavish style and sophistication.



F4454-TW



F4410-TW



F4415-TW

BENDING RAIL



F6410-BR



F6415



Newel Post Dimensions • Post-to-Post						
Part #	Height	Width	Finial	Top Block	Turning	Base Block
F4440*	48"	3-1/2"	3-3/4"	5-3/4"	23"	15-1/2"
F4442*	60"	3-1/2"	3-3/4"	5-3/4"	23"	27-1/2"
F4445*	60"	3-1/2"	3-3/4"	13"	23"	20-1/4"
F4446*	60"	3-1/2"	3-3/4"	13"	16-3/4"	26-1/2"

*Plain, fluted, and twist product dimensions are the same

Newel Post Dimensions • Over-the-Post						
Part #	Height	Width	Top Pin	Base Block	Turning	Install Pin
F4454*	49"	3"	1"	---	40"	8"
F4410*	48"	3-1/2"	1"	14-1/2"	27-1/2"	---
F4415*	60"	3-1/2"	1"	31-1/2"	27-1/2"	---

*Plain, fluted, and twist product dimensions are the same

Baluster Dimensions					
Part #	Height	Width	Top Block	Turning	Base Block
F5415-32	32"	1-3/4"	---	24"	8"
F5415-36	36"	1-3/4"	---	28"	8"
F5415-39	39"	1-3/4"	---	31"	8"
F5415-40	40"	1-3/4"	---	32"	8"
F5415-42	42"	1-3/4"	---	34"	8"
F5405-32	32"	1-3/4"	6-7/16"	17-1/16"	8"
F5405-36	36"	1-3/4"	7-7/16"	20-1/16"	8"
F5405-39	39"	1-3/4"	7-7/8"	22-5/8"	8"
F5405-40	40"	1-3/4"	7-3/4"	23-3/4"	8"
F5405-42	42"	1-3/4"	7-3/4"	25-3/4"	8"

*Plain, fluted, and twist product dimensions are the same

Handrail Dimensions				
Part #	Height	Width	Base	Plow Width
F6310	2-1/2"	2-5/8"	2-1/4"	---
F6310-P1*	2-1/2"	2-5/8"	2-1/4"	1-3/4"
F6410	2-15/16"	2-5/8"	2-1/16"	---
F6410-P*	2-15/16"	2-5/8"	2-1/16"	1-3/4"
F6410-BR	2-15/16"	2-5/8"	2-1/16"	---
F6006*	---	2-5/8"	---	1-3/4"

*Includes Fillet



F4001-BT



Ball Top
Detail



F4004



F4005
F4006 (72")*
*Not to scale



Spade Top
Detail

DID YOU KNOW?

Fitts offers its Mission and Craftsman newel posts in a 3" width square option as well. (Box newels not included.)

DESIGN FEATURE

Simplicity makes the boldest impact. Straight lines with little to no turning detail creates a "built in" and utilitarian stair design.



F5060



F5360



F5060-CH



F5360-CH



F5060-PR



F5062-PR
*US patent D578,2255



F5360-PR

HANDRAILS



F6005



F6019



F6001-P



F6006

Newel Post Dimensions • Post-to-Post

Part #	Height	Width	Finial	Top Block	Turning	Base Block
F4001-BT	56"	3-1/2"	3-1/2"	---	---	52-1/2"
F4004	48"	3-1/2"	4-1/4"	---	---	43-3/4"
F4005	56"	3-1/2"	4-1/4"	---	---	51-3/4"
F4006	72"	3-1/2"	4-1/4"	---	---	67-3/4"

Baluster Dimensions

Part #	Height	Width	Top Block	Turning	Base Block
F5060-36*	36"	1-1/4"	---	---	36"
F5060-42*	42"	1-1/4"	---	---	42"
F5360-36*	36"	1-3/4"	---	---	36"
F5360-42*	42"	1-3/4"	---	---	42"
F5060-CH-36*	36"	1-1/4"	8-1/2"	19"	8-1/2"
F5060-CH-42*	42"	1-1/4"	14-1/2"	19"	14-1/2"
F5360-CH-36*	36"	1-3/4"	8-1/2"	19"	8-1/2"
F5360-CH-42*	42"	1-3/4"	14-1/2"	19"	14-1/2"
F5062-PR-36	36"	1-1/4"	8-1/2"	19"	8-1/2"
F5062-PR-42	42"	1-1/4"	8-1/2"	19"	14-1/2"

*Available primed

Handrail Dimensions

Part #	Height	Width	Base	Plow Width
F6005*	2-5/16"	2-1/2"	2-1/2"	1-3/4"
F6019*	3"	2-5/8"	2-5/8"	1-3/4"
F6001-P*	3/4"	2-1/4"	2-1/4"	1-1/4"
F6006*	1"	2-3/4"	2-1/4"	1-3/4"
F6770-P*	1-5/8"	2-1/4"	2-1/4"	1-3/4"
F6770-P1*	1-5/8"	2-1/4"	2-1/4"	1-1/4"
F6700-P*	1-5/8"	2-11/16"	2-11/16"	1-3/4"
F6700-P1*	1-5/8"	2-11/16"	2-11/16"	1-1/4"
F6002-P*	2-7/8"	1-5/8"	1-5/8"	1-1/4"

*Includes fillet

*Handrails on pages 35 & 36 can be used with both Mission and Craftsman stair systems. Always check local building codes to make sure that these handrails meet graspability codes.

SUGGESTED ARCHITECTURAL PAIRING:

- MOUNTAIN HOME
- FARMHOUSE
- COLONIAL
- SPANISH COLONIAL

POST-TO-POST

CRAFTSMAN



Optional tops for F4000 & F4001
*For entire collection, see page 40



Chamfer Top Detail



F4000 F4001 F4000-CH F4001-CH F4090* F4091*

*To view the entire box newel collection, please see pages 37-42

HANDRAILS



F6770-P F6770-P1
F6700-P F6700-P1
F6002-P



F5060 F5360 F5060-PR F5061-PR F5360-PR

*US patent D578,667S

*Handrails on pages 35 & 36 can be used with both Mission and Craftsman stair systems. Always check local building codes to make sure that these handrails meet graspability codes.

SUGGESTED ARCHITECTURAL PAIRING:

- CRAFTSMAN
- MOUNTAIN HOME
- FARMHOUSE
- MODERN

Newel Post Dimensions • Post-to-Post						
Part #	Height	Width	Cap	Top Face	Shaft	Base
F4000	48"	3-1/2"	---	---	---	---
F4001	56"	3-1/2"	---	---	---	---
F4000-CH	48"	3-1/2"	---	---	---	---
F4001-CH	56"	3-1/2"	---	---	---	---
F4090	55"	3-1/2"	2-1/2"	5-1/2"	3-1/2"	4-1/2" x 24"
F4091	55"	4-1/4"	2-1/2"*	5-1/2"	4-1/4"	6-1/4" x 24"

Baluster Dimensions					
Part #	Height	Width	Top Block	Turning	Base Block
F5060-36*	36"	1-1/4"	---	---	36"
F5060-42*	42"	1-1/4"	---	---	42"
F5360-36*	36"	1-3/4"	---	---	36"
F5360-42*	42"	1-3/4"	---	---	42"
F5061-PR-36	36"	1-1/4"	8-1/2"	19"	8-1/2"
F5061-PR-42	42"	1-1/4"	8-1/2"	19"	14-1/2"

*Available primed

Handrail Dimensions				
Part #	Height	Width	Base	Plow Width
F6005*	2-5/16"	2-17/32"	2-17/32"	1-3/4"
F6019*	3"	2-5/8"	2-5/8"	1-3/4"
F6001*	3/4"	2-1/4"	2-1/4"	1-1/4"
F6006*	1"	2-3/4"	2-1/4"	1-3/4"
F6770-P*	1-5/8"	2-1/4"	2-1/4"	1-3/4"
F6770-P1*	1-5/8"	2-1/4"	2-1/4"	1-1/4"
F6700-P*	1-5/8"	2-11/16"	2-11/16"	1-3/4"
F6700-P1*	1-5/8"	2-11/16"	2-11/16"	1-1/4"
F6002-P*	2-7/8"	1-5/8"	1-5/8"	1-1/4"

*Includes fillet

BOX NEWEL POSTS

4-1/2" ADJUSTABLE BASE



Pyramid Cap Detail
All 4090 & 4091 newels include flat and pyramid caps



Newel with adjustable base removed

F4090 Plain

F4090-FL Fluted

F4090-RP Routed Panel

F4090-PR Primed

AVAILABLE IN THE FOLLOWING SPECIES:



Red Oak Hard Maple Cherry Poplar Alder

F4090 & F4091 PLAIN NEWELS ALSO AVAILABLE IN THE FOLLOWING SPECIES:



White Oak Hemlock

*Other species available upon request

Box Newel Dimensions						
Part #	Base Height	Base Width	Shaft Width	Detail Height	Neck Mould to Cap Height	Overall Height
F4090	24"	4-1/2"	3-1/2"	---	5-1/2"	55"
F4090-FL	24"	4-1/2"	3-1/2"	18-3/4"	5-1/2"	55"
F4090-RP	24"	4-1/2"	3-1/2"	18-3/4"	5-1/2"	55"

Please note: In order to stay at the forefront of design and technology, from time to time Fitts makes modifications to its products. Box newel cap designs have been adapted over the years to meet customer demands. Some gallery photos may show previous versions of Fitts' box newels that have radius mouldings that have changed over time. Please note that current box newels come with the flat and pyramid caps pictured above.

BOX NEWEL POSTS

6-1/4" FIXED BASE



Box Newel Dimensions						
Part #	Base Height	Base Width	Shaft Width	Detail Height	Neck Mould to Cap Height	Overall Height
F4091	24"	6-1/4"	4-1/2"	---	5-1/2"	55"
F4091-FL	24"	6-1/4"	4-1/2"	18-3/4"	5-1/2"	55"
F4091-RP	24"	6-1/4"	4-1/2"	18-3/4"	5-1/2"	55"

AVAILABLE IN THE FOLLOWING SPECIES:



Red Oak Hard Maple Cherry Poplar Alder

F4090 & F4091 PLAIN NEWELS ALSO AVAILABLE IN THE FOLLOWING SPECIES:



White Oak Hemlock

*Other species available upon request

BOX NEWEL POSTS

7-1/2" FIXED BASE



AVAILABLE IN THE FOLLOWING SPECIES:



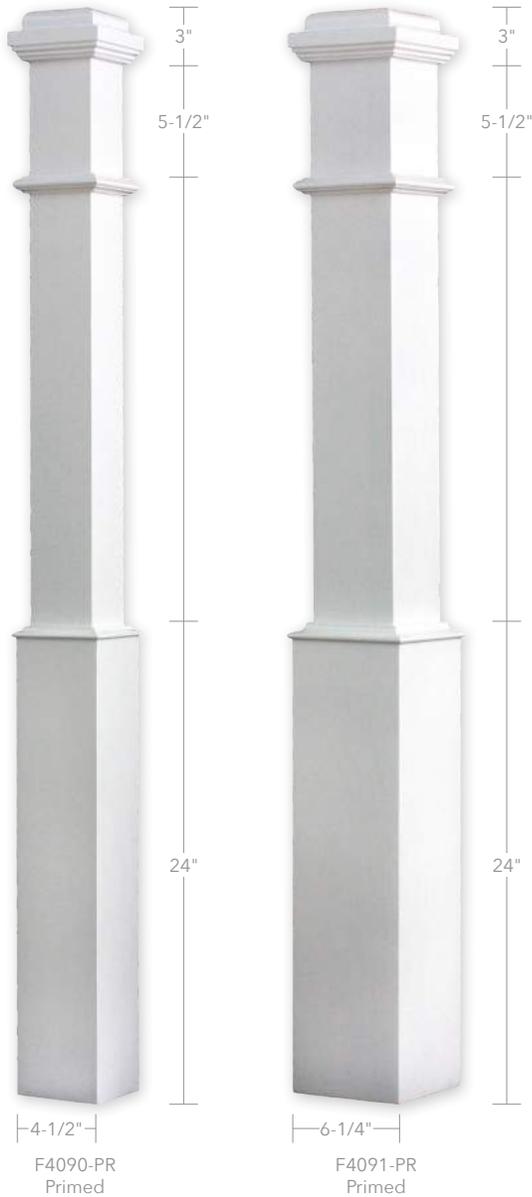
Red Oak Hard Maple Cherry Poplar Alder

*Other species available upon request

Box Newel Dimensions						
Part #	Base Height	Base Width	Shaft Width	Detail Height	Neck Mould to Cap Height	Overall Height
F4097	24"	7-1/4"	6"	---	---	55"
F4097-FL	24"	7-1/4"	6"	18-3/4"	---	55"
F4097-RP	24"	7-1/4"	6"	18-3/4"	---	55"

BOX NEWEL POSTS

PRIMED BOX NEWELS



Box Newel Dimensions						
Part #	Base Height	Base Width	Shaft Width	Detail Height	Neck Mould to Cap Height	Overall Height
F4090	24"	4-1/2"	3-1/2"	---	5-1/2"	55"
F4091	24"	6-1/4"	4-1/2"	---	5-1/2"	55"

NEWEL CAP KITS

THE PERFECT ACCENT FOR PRIMED BOX NEWELS

Newel cap kits provide versatility for pre-primed box newel posts. Each kit includes a flat top, pyramid top, and base moulding. Each cap is easily applied with construction adhesive. Kits are sold separately. When ordering, specify 35-KIT for 4090 newels or 475-KIT for 4091 newels. F35 kits can also be used with Fitts' F4000 and F4001 newels (pictured on page 36).

RED OAK



Pictured:
F35-KIT (Oak)
 • For 4090 newel

Also Available:
F475-KIT (Oak)
 • For 4091 newel

MAPLE



Pictured:
F35-KIT (Maple)
 • For 4090 newel

Also Available:
F475-KIT (Maple)
 • For 4091 newel

CHERRY



Pictured:
F35-KIT (Cherry)
 • For 4090 newel

Also Available:
F475-KIT (Cherry)
 • For 4091 newel

ALDER



Pictured:
F35-KIT (Alder)
 • For 4090 newel

Also Available:
F475-KIT (Alder)
 • For 4091 newel

POPLAR



Pictured:
F35-KIT (Poplar)
 • For 4090 newel

Also Available:
F475-KIT (Poplar)
 • For 4091 newel

*KITS SOLD SEPARATELY FROM NEWELS. PRIMED NEWELS INCLUDE PRIMED CAPS.

BOX NEWEL POSTS

UNASSEMBLED



CAP & MOULDINGS AVAILABLE IN THE FOLLOWING SPECIES:



Red Oak Hard Maple Cherry

*Other species available upon request

Box Newel Dimensions						
Part #	Base Height	Base Width	Shaft Width	Detail Height	Neck Mould to Cap Height	Overall Height
F4093	18-7/8"	6-1/4"	4-3/4"	---	---	55"

BOX NEWEL POSTS

6-1/2" FIXED BASE SQUARE RECESSED



Products Pictured

Newel: F4092-FP • Balusters: FIH5540-44,
FIH5541-44 & FIH5542-44 • Handrail: F6010

Box Newel Dimensions						
Part #	Base Height	Base Width	Shaft Width	Detail Height	Neck Mould to Cap Height	Overall Height
F4092-FP	24"	6-1/4"	4-3/4"	18-3/4"	7-1/4"	55"



Pyramid Cap Detail
All 4092 newels include flat and pyramid caps



True Recessed Flat Panel Design



Simple Moulding Detail

AVAILABLE IN THE FOLLOWING SPECIES:



Red Oak Hard Maple Poplar Hemlock

*Other species available upon request

FORGED IRON



For centuries, blacksmiths have worked and forged wrought iron. A staple of European style and elegance, wrought iron railings have adorned the sophisticated residences of the upper classes since the 15th-16th century.

The once popular look of iron rail and balusters has adopted the soft and sophisticated warmth of wrought iron balustrade and wooden handrails.

Today, wrought iron can be found in a variety of architectural themes and has become an additional design application to wood. With a myriad of design and layout options, you can now personalize your home with a variety of layouts and finishes.

Fitts has meticulously created six unique finishes that adapt to today's home design by incorporating elements of modern style with the elegance of the past.

FINISH OPTIONS

6 UNIQUE & TIMELESS FINISHES



BLACK



BLACK SATIN



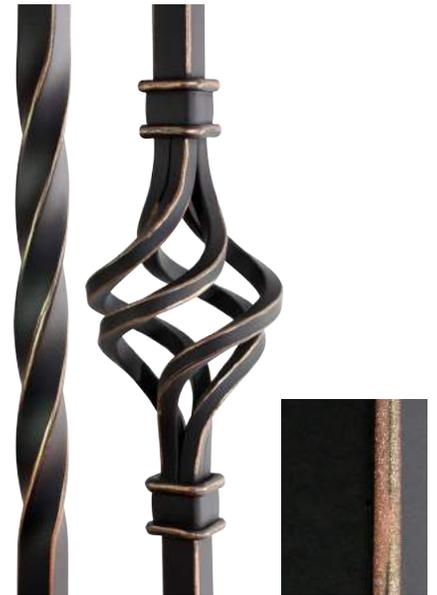
SILVER & BLACK



ANTIQUE BRONZE



ANTIQUE NICKEL



RUBB'D BRONZE

*COLOR MAY VARY DUE TO THE UNIQUE NATURE OF THE FINISHES

MONTE CARLO

1/2" SOLID FORGED IRON



FI5518-44



FI5519-44



FI5500-44



FI5501-44



FI3101-1-1/4
Shoe with 1-1/4" Base



FI3101
Shoe with 1-1/2" Base



FI3104
Shoe with Screw Attachments



FI3102
Pitch Shoe 38°



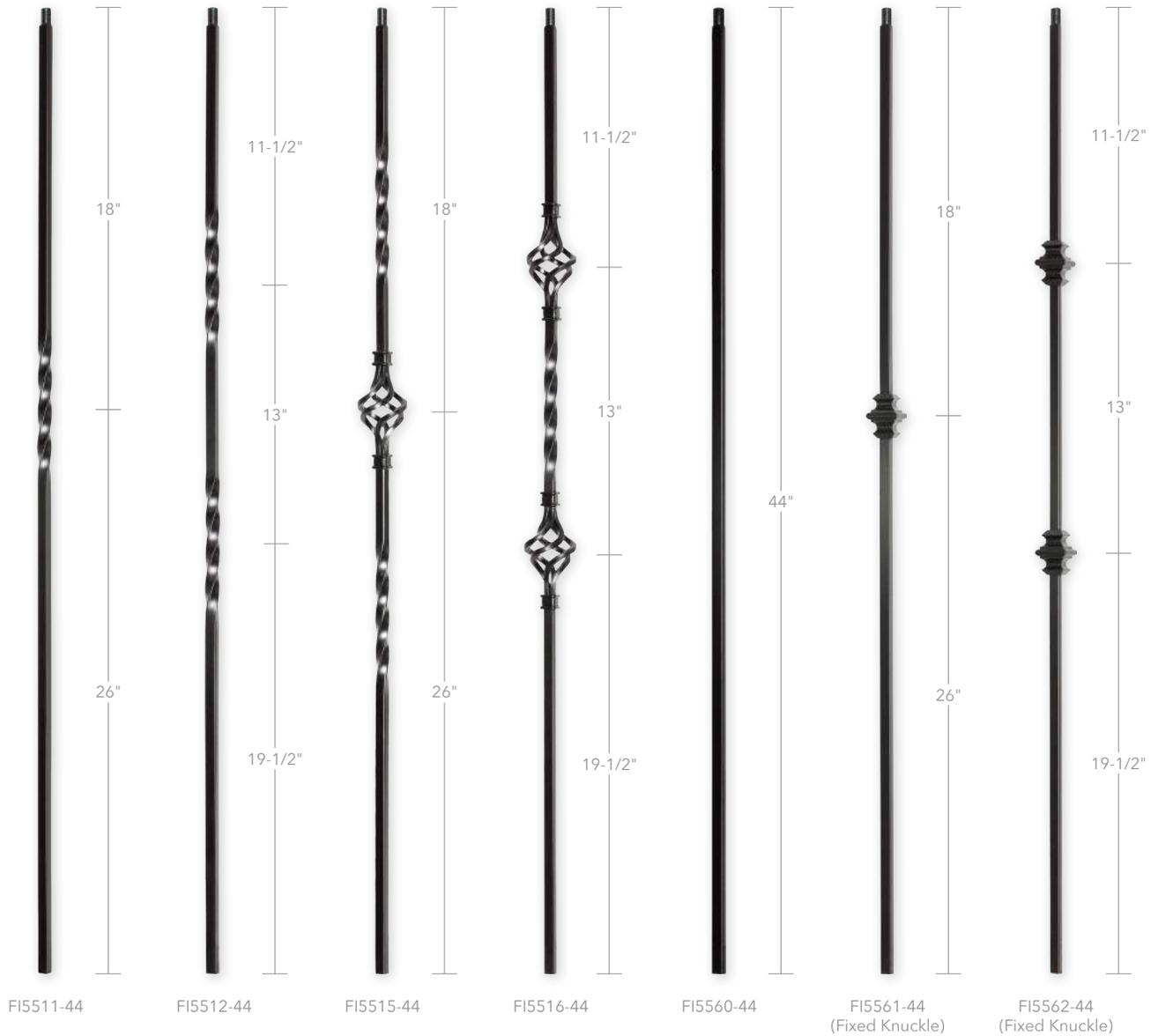
FI3103
Decorative Knuckle



Bar Stock Detail
1/2" Square

Forged Iron Balusters									
Part #	B	BS	SB	AB	AN	RB	Description	Size	Weight / Each (lbs)
FI5518-44	x	x		x	x		Twist/Butterfly/Leaf	1/2" X 44"	3.75
FI5519-44	x	x		x	x		Twist/Butterfly/Scroll	1/2" X 44"	3.75
FI5500-44	x		x	x	x	x	7" Scroll	1/2" X 44"	5.4
FI5501-44	x	x	x	x	x	x	4-1/4" Code Scroll	1/2" X 44"	5.2
Forged Iron Shoes									
Part #	B	BS	SB	AB	AN	RB	Description	Size	Weight / Each (lbs)
FI3101-1-1/4	x	x	x	x	x	x	Iron Shoe 1-1/4" Base	1/2"	0.14
FI3101	x	x	x	x	x	x	Iron Shoe 1-1/2" Base	1/2"	0.14
FI3104	x	x	x	x	x	x	Shoe/Screw	1/2"	0.15
FI3102	x	x	x	x	x	x	Iron Pitch Shoe	1/2"	0.15
FI3103	x	x	x	x	x	x	Iron Adjustable Knuckle	1/2"	0.15
B = Black • BS = Black Satin • SB = Silver & Black • AB = Antique Bronze • AN = Antique Nickel • RB = Rubbed Bronze									
*Finishes vary based on powdercoating process									
**Product availability may vary by warehouse location									

*Shoes enlarged to show detail. Shoes shown fit balusters on pages 45-46.
*Hollow versions of these balusters available on pages 53-54.



*Hollow versions of these balusters available on pages 53-54.

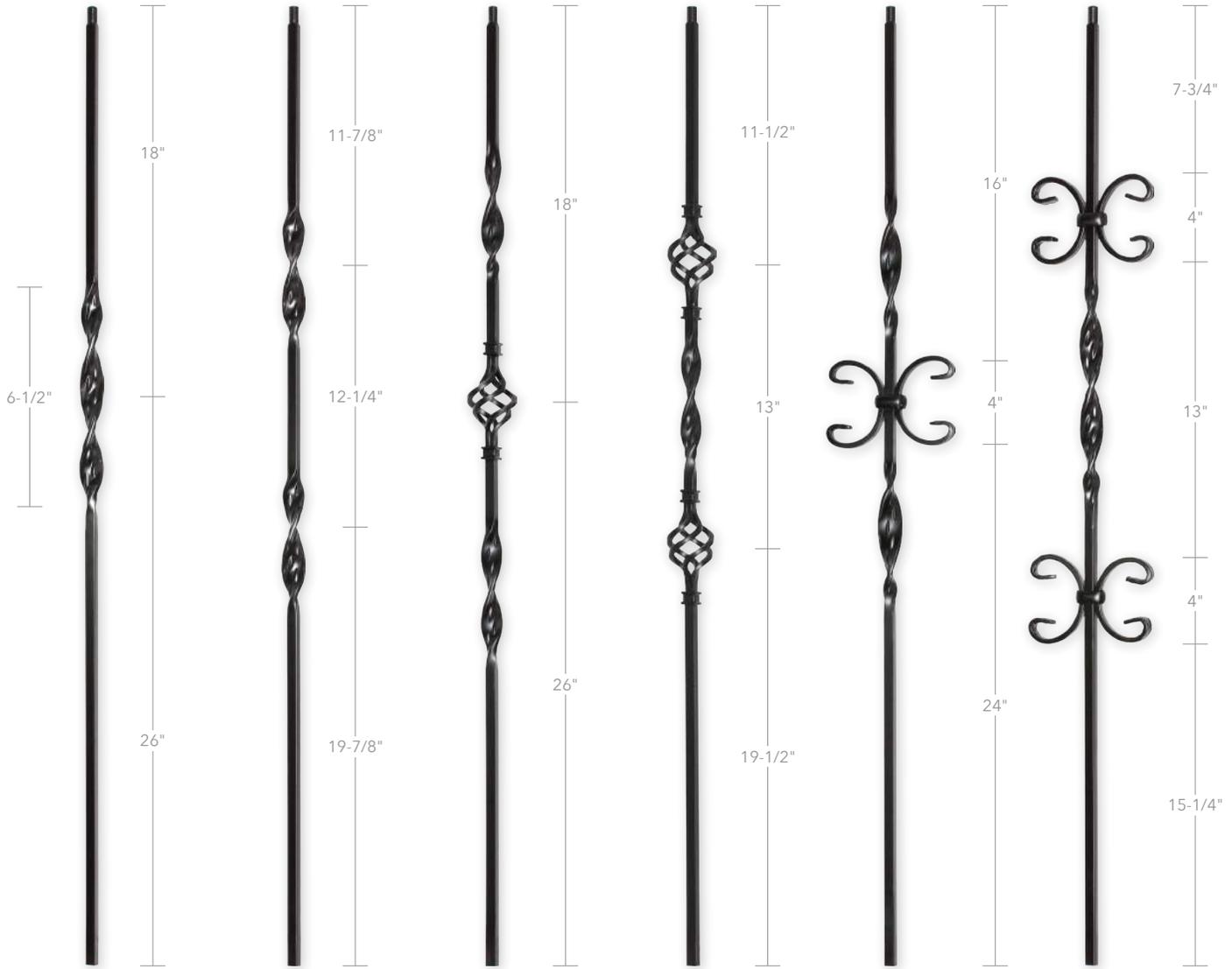
Forged Iron Balusters									
Part #	B	BS	SB	AB	AN	RB	Description	Size	Weight / Each (lbs)
FI5511-44	x	x	x	x	x	x	One Twist	1/2" X 44"	2.6
FI5512-44	x	x	x	x	x	x	Two Twist	1/2" X 44"	2.66
FI5515-44	x	x	x	x	x	x	One Basket Two Twist	1/2" X 44"	3.3
FI5516-44	x	x	x	x	x	x	Two Basket One Twist	1/2" X 44"	3.3
FI5560-44	x	x	x	x	x	x	Plain Bar	1/2" X 44"	2.75
FI5561-44	x	x	x	x			Plain One Knuckle	1/2" X 44"	3.1
FI5562-44	x	x	x	x			Plain Two Knuckles	1/2" X 44"	3.45
Forged Iron Shoes									
Part #	B	BS	SB	AB	AN	RB	Description	Size	Weight / Each (lbs)
FI3101-1-1/4	x	x	x	x	x	x	Iron Shoe 1-1/4" Base	1/2"	0.14
FI3101	x	x	x	x	x	x	Iron Shoe 1-1/2" Base	1/2"	0.14
FI3104	x	x	x	x	x	x	Shoe/Screw	1/2"	0.15
FI3102	x	x	x	x	x	x	Iron Pitch Shoe	1/2"	0.15
FI3103	x	x	x	x	x	x	Iron Adjustable Knuckle	1/2"	0.15
B = Black • BS = Black Satin • SB = Silver & Black • AB = Antique Bronze • AN = Antique Nickel • RB = Rubbed Bronze									
*Finishes vary based on powdercoating process									
**Product availability may vary by warehouse location									



Bar Stock Detail
1/2" Square

PROVENCE

1/2" SOLID FORGED IRON



FI5521-44

FI5522-44

FI5525-44

FI5526-44

FI5523-44

FI5524-44



FI3101-1-1/4
Shoe with 1-1/4" Base



FI3101
Shoe with 1-1/2" Base



FI3104
Shoe with Screw Attachments



FI3102
Pitch Shoe 38°

Forged Iron Balusters									
Part #	B	BS	SB	AB	AN	RB	Description	Size	Weight / Each (lbs)
FI5521-44	x	x	x	x	x	x	One Ribbon	1/2" X 44"	2.66
FI5522-44	x	x	x	x	x	x	Two Ribbon	1/2" X 44"	2.27
FI5525-44	x	x	x	x	x	x	Two Ribbon One Basket	1/2" X 44"	3.1
FI5526-44	x	x	x	x	x	x	Two Basket One Ribbon	1/2" X 44"	3.1
FI5523-44	x	x	x	x	x	x	One Butterfly Two Ribbon	1/2" X 44"	3.4
FI5524-44	x	x	x	x	x	x	Two Butterfly One Ribbon	1/2" X 44"	3.7
Forged Iron Shoes									
Part #	B	BS	SB	AB	AN	RB	Description	Size	Weight / Each (lbs)
FI3101-1-1/4	x	x	x	x	x	x	Iron Shoe 1-1/4" Base	1/2"	0.14
FI3101	x	x	x	x	x	x	Iron Shoe 1-1/2" Base	1/2"	0.14
FI3104	x	x	x	x	x	x	Shoe/Screw	1/2"	0.15
FI3102	x	x	x	x	x	x	Iron Pitch Shoe	1/2"	0.15

B = Black • BS = Black Satin • SB = Silver & Black • AB = Antique Bronze • AN = Antique Nickel • RB = Rubbed Bronze
 *Finishes vary based on powdercoating process
 **Product availability may vary by warehouse location

*Shoes enlarged to show detail. Shoes shown fit balusters on page 47.
 *Hollow versions of these balusters available on pages 53-54.



Bar Stock Detail
1/2" Square



FI5573-44



FI5574-44



FI5575-44



FI3101-5
Shoe with 1-1/2" Base



FI3104-5
Shoe with Screw Attachments



FI3102-5
Pitch Shoe 38°

*Shoes enlarged to show detail. Shoes shown fit balusters on page 48.
*Hollow versions of these balusters available on pages 53-54.

Forged Iron Balusters									
Part #	B	BS	SB	AB	AN	RB	Description	Size	Weight / Each (lbs)
FI5573-44	x	x				x	Round One Ball	1/2" X 44"	2
FI5574-44	x	x				x	Round Two Balls	1/2" X 44"	2.25
FI5575-44	x	x				x	Round Plain	1/2" X 44"	1.75
Forged Iron Shoes									
Part #	B	BS	SB	AB	AN	RB	Description	Size	Weight / Each (lbs)
FI3101-5	x					x	Round Shoe	1/2"	0.14
FI3104-5	x	x				x	Shoe/Screw Round	1/2"	0.15
FI3102-5	x	x				x	Iron Pitch Round Shoe	1/2"	0.13
B = Black • BS = Black Satin • SB = Silver & Black • AB = Antique Bronze • AN = Antique Nickel • RB = Rubbed Bronze									
*Finishes vary based on powdercoating process									
**Product availability may vary by warehouse location									



Bar Stock Detail
1/2" Round

COPENHAGEN

9/16" ROUND HOLLOW IRON



FIH5577-44



FIH5578-44



FIH5576-44



FI3105
Shoe with Round Base



FI3108
Shoe with 1-1/2" Base

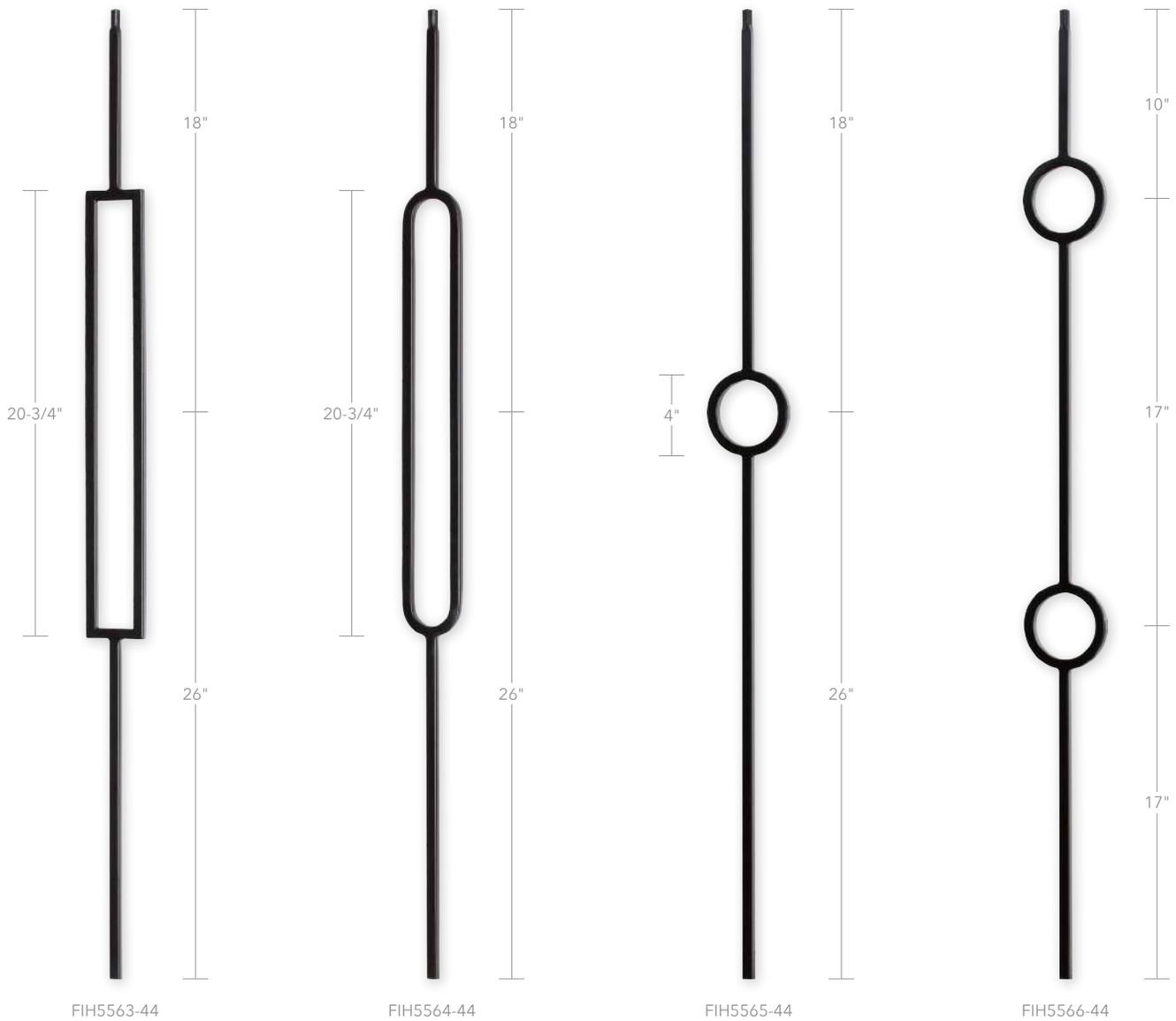
*Shoes enlarged to show detail. Shoes shown fit balusters on page 49.



Bar Stock Detail
9/16" Round

Forged Iron Balusters									
Part #	B	BS	SB	AB	AN	RB	Description	Size	Weight / Each (lbs)
FIH5577-44		x					9/16" Spoon Round Collar	9/16" x 44"	1.65
FIH5578-44		x					9/16" Spoon 2 Round Collar	9/16" x 44"	1.95
FIH5576-44		x					9/16" Round Tube	9/16" X 44"	.85
Forged Iron Shoes									
Part #	B	BS	SB	AB	AN	RB	Description	Size	Weight / Each (lbs)
FI3105		x					Shoe Round Base	9/16"	0.14
FI3108		x					Iron Shoe 1-1/2" Base	9/16"	0.14

B = Black • BS = Black Satin • SB = Silver & Black • AB = Antique Bronze • AN = Antique Nickel • RB = Rubbed Bronze
 *Finishes vary based on powdercoating process
 **Product availability may vary by warehouse location



FIH5563-44

FIH5564-44

FIH5565-44

FIH5566-44



FI3101-1-1/4
Shoe with 1-1/4" Base



FI3101
Shoe with 1-1/2" Base



FI3104
Shoe with Screw Attachments



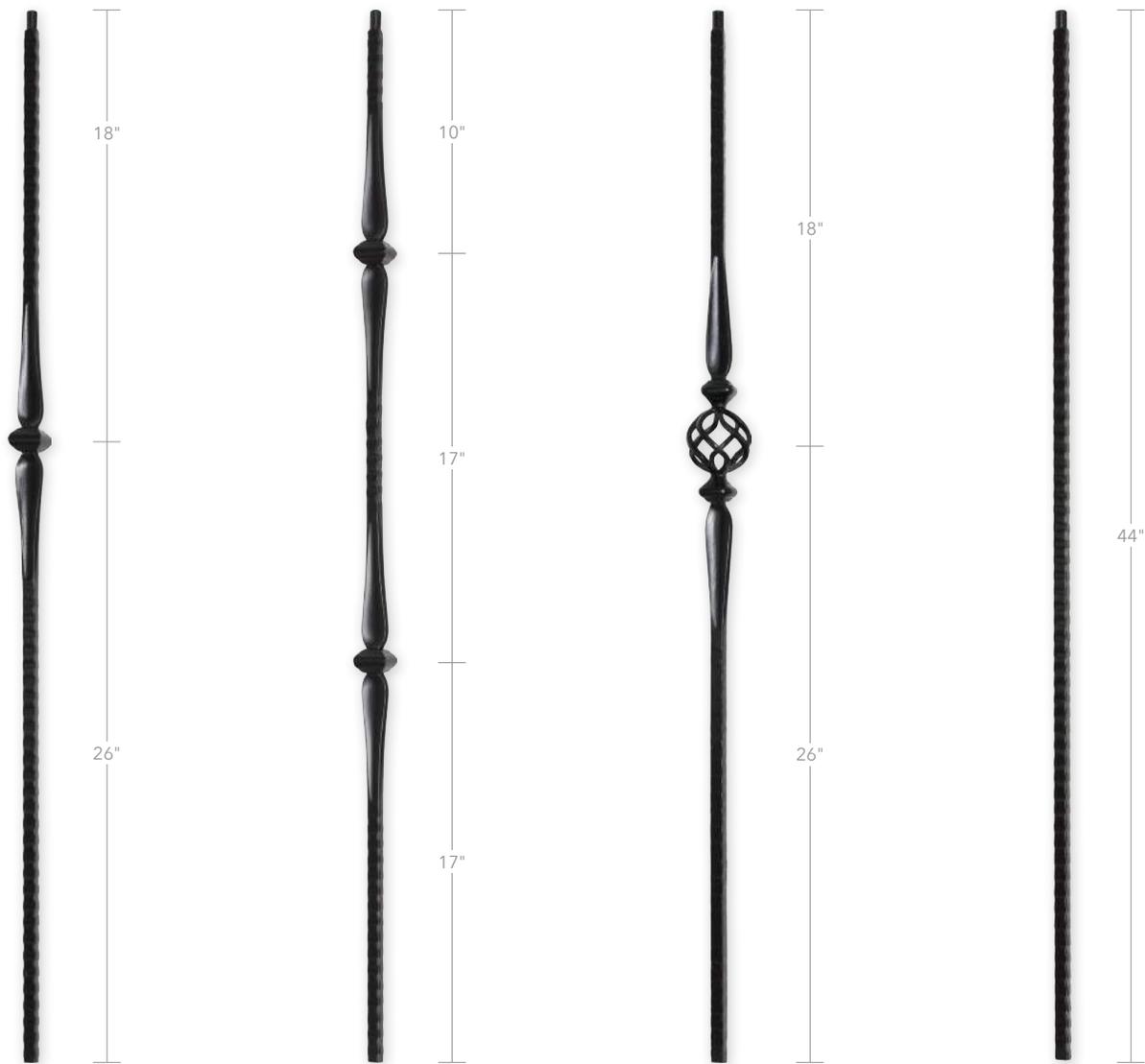
FI3102
Pitch Shoe 38°

*Shoes enlarged to show detail. Shoes shown fit balusters on page 50.

Forged Iron Balusters									
Part #	B	BS	SB	AB	AN	RB	Description	Size	Weight / Each (lbs)
FIH5563-44		x					Rectangle Modern	1/2" X 44"	1.15
FIH5564-44							Oval Modern	1/2" X 44"	1.60
FIH5565-44		x					Circle Modern	1/2" X 44"	1.30
FIH5566-44		x					Two Circle Modern	1/2" X 44"	1.90
Forged Iron Shoes									
Part #	B	BS	SB	AB	AN	RB	Description	Size	Weight / Each (lbs)
FI3101-1-1/4	x	x	x	x	x	x	Iron Shoe 1-1/4" Base	1/2"	0.14
FI3101	x	x	x	x	x	x	Iron Shoe 1-1/2" Base	1/2"	0.14
FI3104	x	x	x	x	x	x	Shoe/Screw	1/2"	0.15
FI3102	x	x	x	x	x	x	Iron Pitch Shoe	1/2"	0.15
B = Black • BS = Black Satin • SB = Silver & Black • AB = Antique Bronze • AN = Antique Nickel • RB = Rubbed Bronze									
*Finishes vary based on powdercoating process									
**Product availability may vary by warehouse location									



Bar Stock Detail
1/2" Square



FI5541-44

FI5542-44

FI5545-44

FI5540-44



FI3101-2
Shoe with 1-1/2" Base



FI3104-2
Shoe with Screw Attachments



FI3102-2
Pitch Shoe 38°

*Shoes enlarged to show detail. Shoes shown fit balusters on page 51-52.

**Hollow versions of these balusters available on pages 53-54.

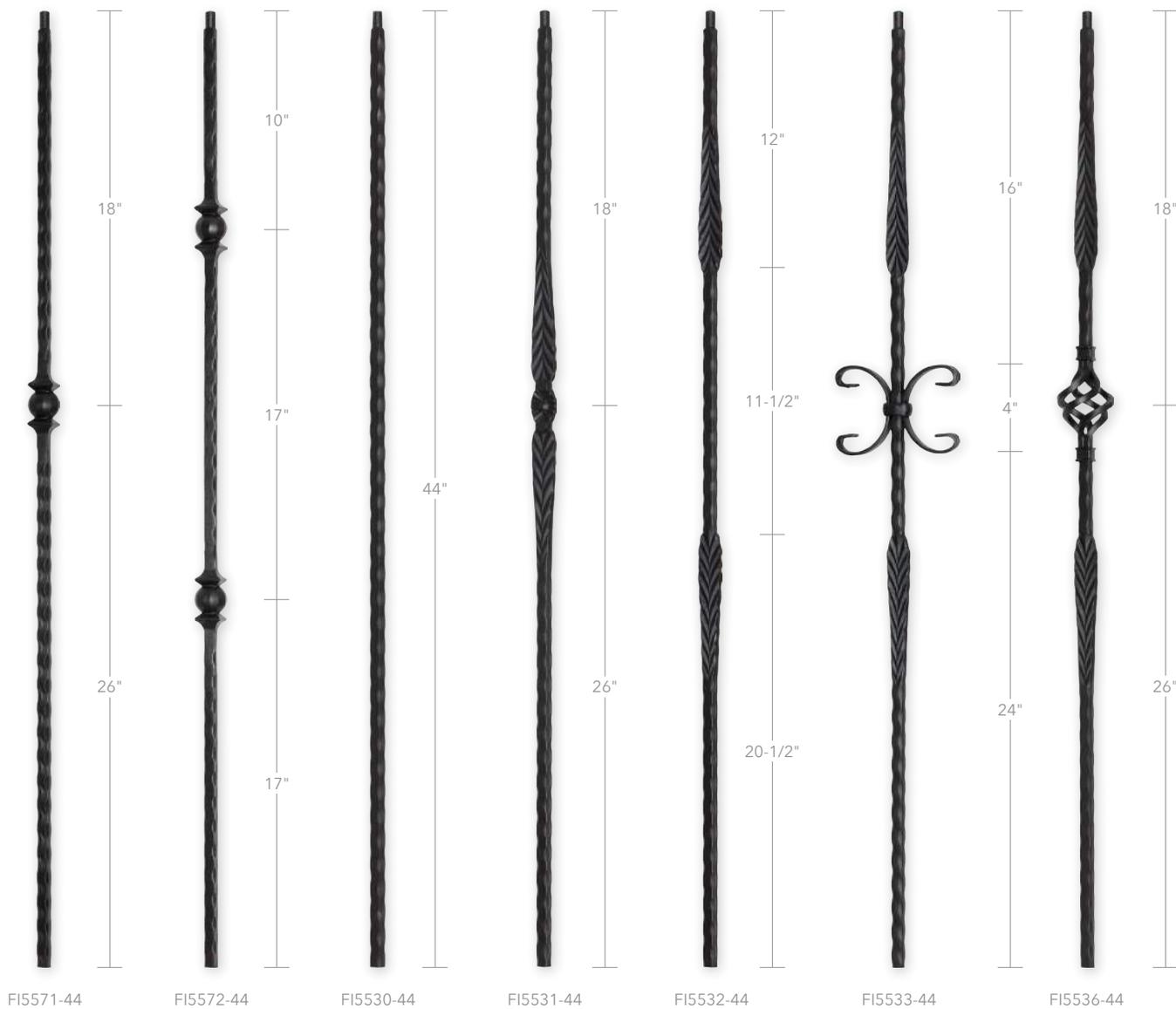


Bar Stock Stamped Detail
9/16" Square

Forged Iron Balusters									
Part #	B	BS	SB	AB	AN	RB	Description	Size	Weight / Each (lbs)
FI5541-44	x	x	x	x	x		Ribbed Spoon Knuckle	9/16" X 44"	3.7
FI5542-44	x	x	x	x	x		Ribbed Two Spoon/Knuckle	9/16" X 44"	2.9
FI5545-44	x	x	x	x	x		Ribbed Spoon Knuckle/Basket	9/16" X 44"	2.9
FI5540-44	x	x	x	x	x		Ribbed Plain Bar	9/16" X 44"	2.75

Forged Iron Shoes									
Part #	B	BS	SB	AB	AN	RB	Description	Size	Weight / Each (lbs)
FI3101-2	x	x	x	x	x	x	Iron Shoe	9/16"	0.14
FI3104-2	x	x	x	x			Shoe/Screw	9/16"	0.14
FI3102-2	x	x	x	x	x	x	Iron Pitch Shoe	9/16"	0.15

B = Black • BS = Black Satin • SB = Silver & Black • AB = Antique Bronze • AN = Antique Nickel • RB = Rubbed Bronze
 *Finishes vary based on powdercoating process
 **Product availability may vary by warehouse location



*Hollow versions of these balusters available on pages 53-54.

Forged Iron Balusters									
Part #	B	BS	SB	AB	AN	RB	Description	Size	Weight / Each (lbs)
FI5571-44	x	x	x	x			Hammered One Ball	9/16" X 44"	2.9
FI5572-44	x	x	x	x			Hammered Two Ball	9/16" X 44"	2.9
FI5530-44	x	x	x	x			Hammered Edge	9/16" X 44"	2.75
FI5531-44	x	x	x	x			Arrow / Flower	9/16" X 44"	4
FI5532-44	x	x	x	x			Two Arrows	9/16" X 44"	4
FI5533-44	x	x	x	x			Two Arrows/ Butterfly	9/16" X 44"	3.7
FI5536-44	x	x	x	x			Two Arrows/Basket	9/16" X 44"	3.1
Forged Iron Shoes									
Part #	B	BS	SB	AB	AN	RB	Description	Size	Weight / Each (lbs)
FI3101-2	x	x	x	x	x	x	Iron Shoe	9/16"	0.14
FI3104-2	x	x	x	x			Shoe/Screw	9/16"	0.14
FI3102-2	x	x	x	x	x	x	Iron Pitch Shoe	9/16"	0.15

B = Black • BS = Black Satin • SB = Silver & Black • AB = Antique Bronze • AN = Antique Nickel • RB = Rubbed Bronze
 *Finishes vary based on powdercoating process
 **Product availability may vary by warehouse location



Bar Stock Scalloped Detail
9/16" Square

HOLLOW IRON

MONTE CARLO



FIH5501-44

DID YOU KNOW?

Hollow iron is more cost effective, easier to cut and install, and has the same elegant appearance as our solid options.

BORDEAUX



FIH5511-44



FIH5512-44



FIH5515-44



FIH5516-44



FIH5560-44

PROVENCE



FIH5521-44



FIH5522-44



FIH5525-44



FIH5526-44

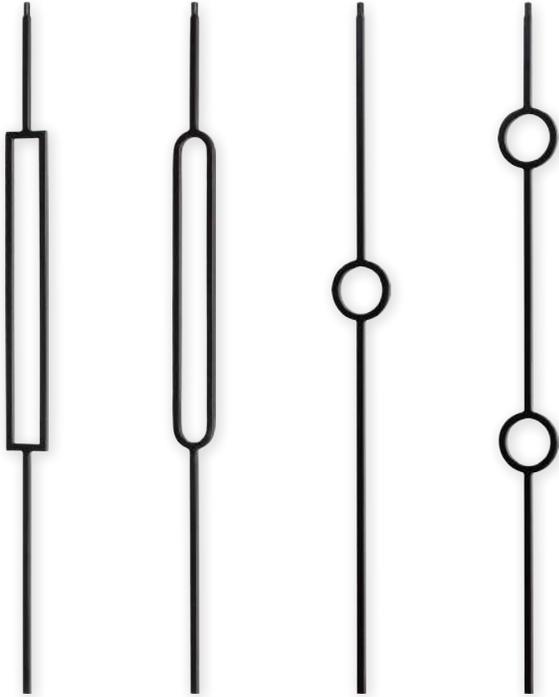
Forged Hollow Iron Balusters								
Part #	B	BS	SB	AB	AN	RB	Description	Size
FIH5501-44	x	x		x	x	x	4-1/4 Scroll	1/2" X 44"
FIH5511-44	x	x		x	x	x	One Twist	1/2" X 44"
FIH5512-44	x	x		x	x	x	Two Twist	1/2" X 44"
FIH5515-44	x	x		x	x	x	One Basket Two Twist	1/2" X 44"
FIH5516-44	x	x		x	x	x	Two Basket One Twist	1/2" X 44"
FIH5521-44	x			x		x	One Ribbon	1/2" X 44"
FIH5522-44	x			x		x	Two Ribbon	1/2" X 44"
FIH5525-44	x			x		x	One Basket	1/2" X 44"
FIH5526-44	x			x		x	Two Basket	1/2" X 44"
FIH5530-44	x			x		x	One Scallop	9/16" X 44"
FIH5560-44	x	x		x	x	x	Plain	1/2" X 44"
FIH5540-44	x			x		x	Ribbed Plain Bar	9/16" X 44"
FIH5541K-44*	x			x		x	Ribbed Spoon Knuckle	9/16" X 44"
FIH5542K-44*	x			x		x	Ribbed Two Spoon/Knuckle	9/16" X 44"
FIH5545K-44*	x			x		x	Ribbed Spoon Knuckle/Basket	9/16" X 44"
FIH5571-44	x			x		x	Scallop One Ball	9/16" X 44"
FIH5572-44	x			x		x	Scallop Two Ball	9/16" X 44"
FIH5563-44		x					Rectangle Modern	1/2" X 44"
FIH5564-44		x					Oval Modern	1/2" X 44"
FIH5565-44		x					Circle Modern	1/2" X 44"
FIH5566-44		x					Two Circle Modern	1/2" X 44"
FIH5576-44		x					9/16" Round Tube	9/16" X 44"
FIH5577-44		x					9/16" Spoon Round Collar	9/16" x 44"
FIH5578-44		x					9/16" Spoon 2 Round Collar	9/16" x 44"

B = Black • BS = Black Satin • SB = Silver & Black • AB = Antique Bronze
 AN = Antique Nickel • RB = Rubbed Bronze

*For knee wall application
 **Finishes vary based on powdercoating process
 ***Product availability may vary by warehouse location

HOLLOW IRON

LINZ



FIH5563-44

FIH5564-44

FIH5565-44

FIH5566-44

COPENHAGEN



FIH5577-44

FIH5578-44

FIH5576-44

TAVISTOCK



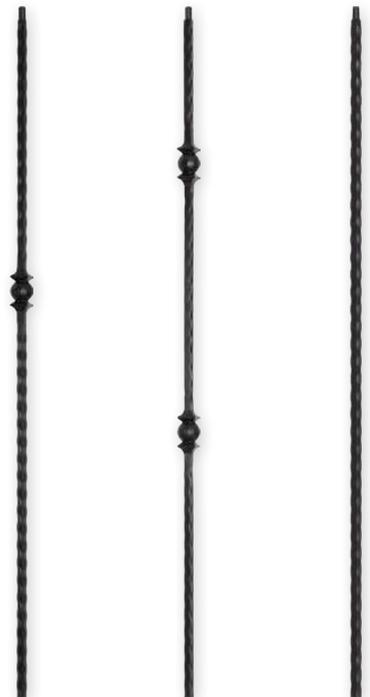
FIH5541K-44

FIH5542K-44

FIH5545K-44

FIH5540-44

RAVENNA



FIH5571-44

FIH5572-44

FIH5530-44

IRON NEWEL POSTS



FI4111-48



FI4115-48



FI4121-48



FI4141-48



FI3400
Newel Attachment &
Shoe with Screws and Wrench

Forged Iron Newels									
Part #	B	BS	SB	AB	AN	RB	Description	Size	Weight / Each (lbs)
FI4111-48	x	x	x	x			One Twist	1-3/16" X 48"	18
FI4115-48	x	x	x	x			Two Twist One Basket	1-3/16" X 48"	20
FI4121-48	x	x	x	x			One Ribbon	1-3/16" X 48"	18
FI4141-48	x	x	x	x			Spindle/Knuckle	1-3/16" X 48"	21
B = Black • BS = Black Satin • SB = Silver & Black • AB = Antique Bronze AN = Antique Nickel • RB = Rubbed Bronze * Finishes vary based on powdercoating process ** Product availability may vary by warehouse location									
Forged Iron Shoes and Knuckles									
Part #	B	BS	SB	AB	AN	RB	Description	Size	Weight / Each (lbs)
FI3400	x	x	x	x			Newel Shoe	1-3/16"	3
* Finishes vary based on powdercoating process ** Product availability may vary by warehouse location									

*Shoe enlarged to show detail. Shoe shown fits newels on page 55.

IRON ACCESSORIES

SHOES & TOOLS

SHOES & KNUCKLE FOR SQUARE 1/2" BALUSTERS



FI3101-1-1/4
Shoe with 1-1/4" Base



FI3101
Shoe with 1-1/2" Base



FI3104
Shoe with Screw Attachments



FI3102
Pitch Shoe 38°



FI3103
Decorative Knuckle

SHOES FOR SQUARE 9/16" BALUSTERS



FI3101-2
Shoe with 1-1/2" Base



FI3104-2
Shoe with Screw Attachments



FI3102-2
Pitch Shoe 38°

SHOES FOR ROUND 1/2" BALUSTERS



FI3101-5
Shoe with 1-1/2" Base



FI3104-5
Shoe with Screw Attachments



FI3102-5
Pitch Shoe 38°



FI3105
Shoe with Round Base



FI3108
Shoe with 1-1/2" Base

SHOES FOR ROUND 9/16" BALUSTERS

TOOLS & ACCESSORIES FOR INSTALLATION



FI3200-NZ
Nozzle
(Distributes 1:1 mixture)



FI3200-EF
Two-Part Epoxy and
Hardening Agent



FI3200
Epoxy Gun



FI3300
Touch Up Pens
(Sold individually)



FI3001
Hex Wrench for Iron Shoes

Touch Up Pen Colors:

FI3300-B	Black
FI3300-BS	Black Satin
FI3300-BRNZ	Bronze
FI3300-NCKL	Nickel
FI3300-COPR	Copper

To replicate forged iron finishes, use the following color combinations:

- **Black**
Black Touch Up Pen
- **Black Satin**
Black Satin Touch Up Pen
- **Antique Bronze**
Bronze & Black Touch Up Pens
- **Silver & Black**
Nickel & Black Satin Touch Up Pens
- **Antique Nickel**
Nickel & Black Touch Up Pens
- **Rubbed Bronze**
Bronze & Copper Touch Up Pens

DID YOU KNOW?
Fitts' specially formulated pen colors have been coordinated with Valspar® to replicate paint finishes on forged iron products for quick and easy touch ups.

Forged Iron Shoes and Knuckles									
Part #	B	BS	SB	AB	AN	RB	Description	Size	Weight / Each (lbs)
FI3101	x	x	x	x	x	x	Iron Shoe	1/2"	0.14
FI3101-1-1/4	x	x	x	x	x	x	Iron Shoe 1-1/4" Base	1/2"	0.14
FI3101-2	x	x	x	x	x	x	Iron Shoe	9/16"	0.14
FI3101-5	x					x	Round Shoe	1/2"	0.14
FI3101-NS	x	x	x	x			Shoe without Set Screws	1/2"	0.14
FI3102	x	x	x	x	x	x	Iron Pitch Shoe	1/2"	0.15
FI3102-2	x	x	x	x	x	x	Iron Pitch Shoe	9/16"	0.15
FI3102-5	x	x				x	Iron Pitch Round Shoe	1/2"	0.13
FI3103	x	x	x	x	x	x	Iron Adjustable Knuckle	1/2"	0.15
FI3104	x	x	x	x	x	x	Shoe/Screw	1/2"	0.15
FI3104-2	x	x	x	x			Shoe/Screw	9/16"	0.14
FI3104-5	x	x				x	Shoe/Screw Round	1/2"	0.15
FI3105	x	x	x	x		x	Shoe Round Base	1/2"	0.14
FI3106	x	x					Round Shoe	9/16"	0.13
FI3107	x	x					Iron Shoe 9/16" Round	9/16"	0.14

B = Black • BS = Black Satin • SB = Silver & Black • AB = Antique Bronze
AN = Antique Nickel • RB = Rubbed Bronze
* Finishes vary based on powdercoating process
** Product availability may vary by warehouse location

STAINLESS STEEL CABLE

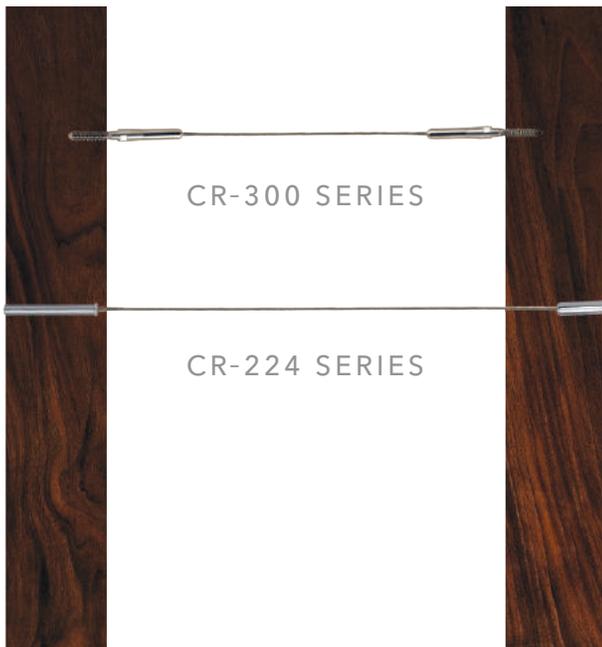
LÖFT™ CABLE BALUSTRADE SYSTEMS



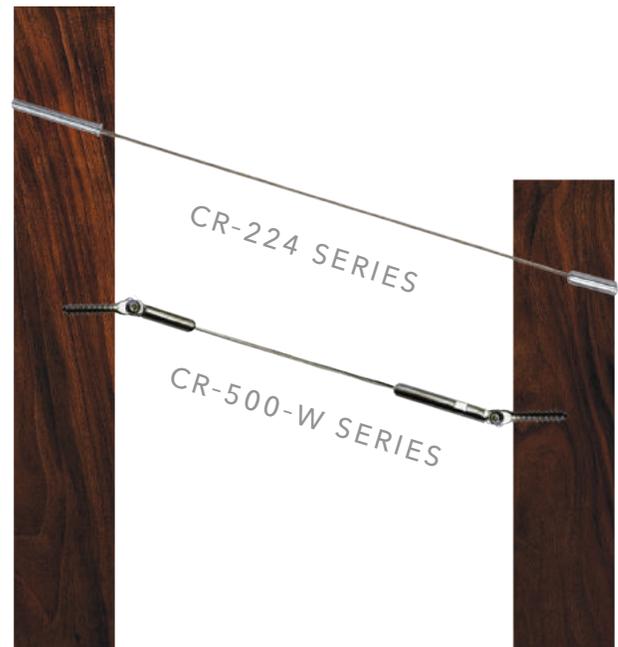
Fitts introduces the modern Löft system to its expansive catalog of products. As architectural design reduces large spatial footprints, the “less is more” principle becomes imperative. The Löft series by Fitts incorporates products like cable balustrade that clears site lines, maximizes space, and creates a modern structural element to the home.

Cable balustrade systems use handsome 1/8” marine grade cable that can be utilized in both interior and exterior applications. Incorporating flawless design and ease of installation, Fitts Löft series provides durable and lasting appeal that accents the home and gives a sleek and modern design to your railings.

STRAIGHT



RAKE



Fitts’ marine grade stainless steel cable balustrade systems have been simplified into three basic models for ease of installation and reduced inventory SKUs. Systems are available in 1/8” cable and the following lengths: 5’, 10’, 15’, 20’, 25’, 30’, 40’, and 50’.

*Systems are ordered separately. Please check local building codes before installing Löft systems by Fitts.

STAINLESS STEEL CABLE

LÖFT™ CABLE BALUSTRADE SYSTEMS

CABLE SYSTEMS



CR-224 Series



CR-300 Series



CR-500-W Series



TOOLS & ACCESSORIES



CRCB42ANAL13P
Cable Brace 13
Pre-Drilled Holes



CRCB42ANALP
Cable Brace
Undrilled



CRC-CUTOFFKIT
Mandrel & Cutoff Disk



CRC-7HIT
Cable Cutters



CRE-2CLEANER
Stainless Cleaner



CRC-S-TUBE-6/4
Stainless Steel
Protective Tubes
(CR-224 Kit)



CRDRIVERHB6N/R
Light Duty Hanger
Bolt Driver
(CR-300/500-W Kit)



CRDL-KEY
Cable Release Key



HANDRAILS

HANDRAIL PROFILES

HANDRAIL QUICK REFERENCE



*Handrails may not meet graspability codes. Please check local building codes before installing.

HANDRAILS

SHOE RAILS & WALL RAILS

SHOE RAIL & WALL RAIL QUICK REFERENCE



SHOE RAILS



FILLET



*All plowed handrail includes usable fillet

WALL RAILS

FITTINGS FOR 6040 WALL RAIL



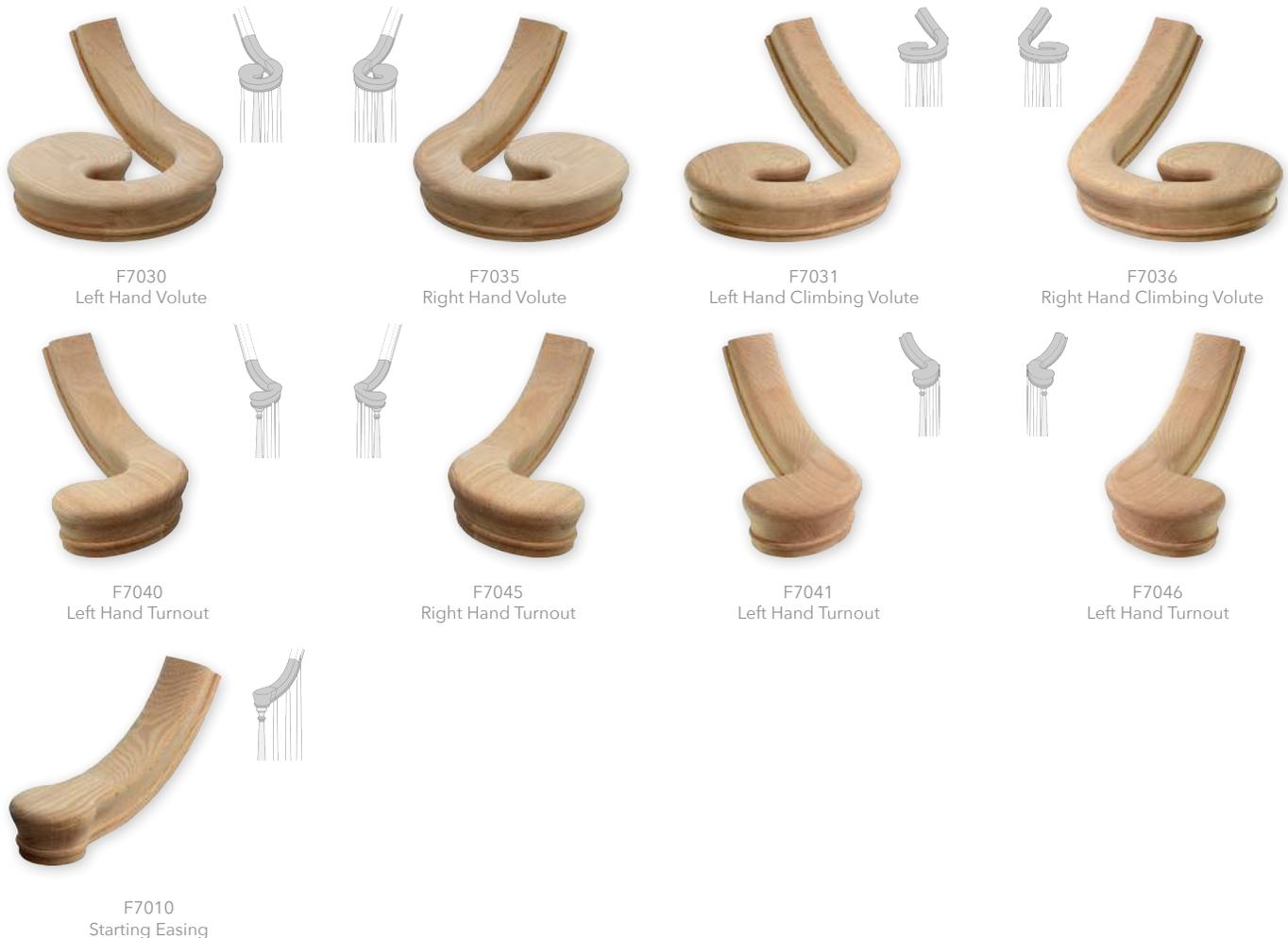
Handrail Dimensions				
Part #	Height	Top Width	Bottom Width	Plow Width
F6010	2-3/8"	2-1/4"	1-1/2"	---
F6010-P	2-3/8"	2-1/4"	1-1/2"	1-3/4"
F6210	2-3/8"	2-5/8"	2"	---
F6210-P	2-3/8"	2-5/8"	2"	1-3/4"
F6310	2-1/2"	2-5/8"	2-1/4"	---
F6310-P	2-1/2"	2-5/8"	2-1/4"	1-3/4"
F6410	2-15/16"	2-5/8"	2-1/16"	---
F6410-P	2-15/16"	2-5/8"	2-1/16"	1-3/4"
F6710	2-3/8"	2-5/8"	2-1/4"	---
F6710-P	2-3/8"	2-5/8"	2-1/4"	1-1/4"
F6710-P1	2-3/8"	2-5/8"	2-1/4"	1-3/4"
F6910	2"	2-5/8"	1-5/8"	---
F6910-P	2"	2-5/8"	1-5/8"	1-1/4"
F6005	2-5/16"	2-1/2"	2/1-2"	1-3/4"

Handrail Dimensions				
Part #	Height	Top Width	Bottom Width	Plow Width
F6019	3"	2-5/8"	2-5/8"	1-3/4"
F6002	2-7/8"	1-5/8"	1-5/8"	---
F6002-P	2-7/8"	1-5/8"	1-5/8"	1-1/4"
F6700	1-5/8"	2-3/4"	2-3/4"	---
F6700-P	1-5/8"	2-3/4"	2-3/4"	1-1/4"
F6700-P1	1-5/8"	2-3/4"	2-3/4"	1-3/4"
F6770	1-5/8"	2-1/4"	2-1/4"	---
F6770-P	1-5/8"	2-1/4"	2-1/4"	1-1/4"
F6770-P1	1-5/8"	2-1/4"	2-1/4"	1-3/4"
F6045	3/4"	2-1/4"	1-5/8"	1-1/4"
F6001-P	3/4"	2-1/4"	2-1/4"	1-1/4"
F6006	1"	2-3/4"	2-1/4"	1-3/4"
F6040	1-5/8"	1-3/4"	1"	---
F6042	1-9/32"	2-1/4"	1-1/4"	---

HANDRAIL FITTINGS

STARTING FITTINGS

HANDRAIL PROFILES WITH AVAILABLE FITTINGS



*FITTINGS SHOWN ARE 7000 SERIES FOR 6010 HANDRAIL. USE CORRESPONDING PREFIX WHEN ORDERING FITTINGS FOR OTHER HANDRAILS.
For example, when ordering F7012 up-easing for 6Q10 rail, specify FZ012. When ordering F7012 up-easing for 6210 rail, specify FZ212.

HANDRAIL FITTINGS

TRANSITIONAL FITTINGS



F7006
Right Hand S-Turn
5-1/2" Offset



F7007
Left Hand S-Turn
5-1/2" Offset



F7011
Level Quarterturn



F7011-135
Level Quarterturn 135°



F7012
Up-Easing (60°)



F7013
Over-Easing (60°)



F7014
Up-Easing (90°)



F7015
Starting-Easing with Returned End



F7016
Over-Easing with Returned End



F7009
Returned End



F7019
Opening Cap



F7020
Tandem Cap



F7021
Quarterturn with Cap



F7021-135
Quarterturn with Cap (135°)



F7018
Plain Cap



F7008
Coped End

*FITTINGS SHOWN ARE 7000 SERIES FOR 6010 HANDRAIL. USE CORRESPONDING PREFIX WHEN ORDERING FITTINGS FOR OTHER HANDRAILS.
For example, when ordering F7012 up-easing for 6210 rail, specify FZ012. When ordering F7012 up-easing for 6210 rail, specify FZ212.

HANDRAIL FITTINGS

GOOSENECK FITTINGS



F7050
Left Hand Two Rise No Cap



F7055
Right Hand Two Rise No Cap



F7060
Left Hand Two Rise with Cap



F7065
Right Hand Two Rise with Cap



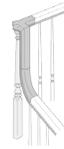
F7071
Left Hand Two Rise No Cap



F7076
Right Hand Two Rise No Cap



F7081
Left Hand Two Rise with Cap



F7086
Left Hand Two Rise with Cap



F7090-2
Left Hand Two Rise 5-1/2" Offset



F7095-2
Right Hand Two Rise 5-1/2" Offset



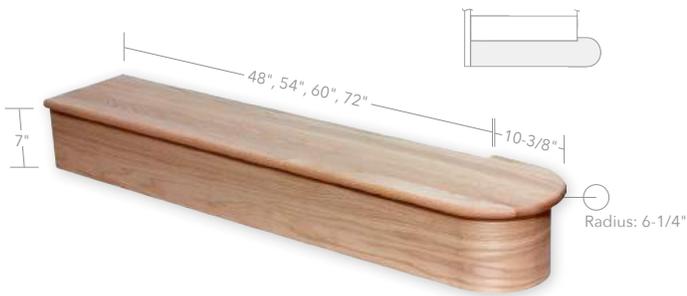
F7089
Two Rise With Cap



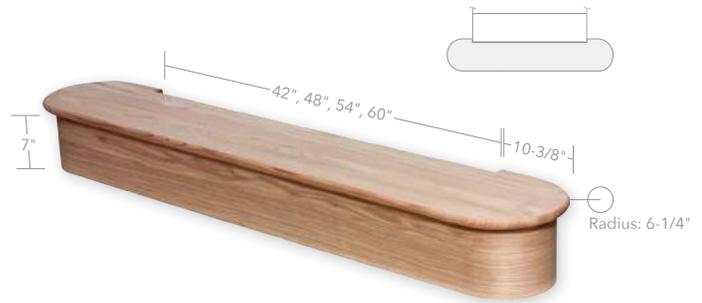
F7099
Two Rise



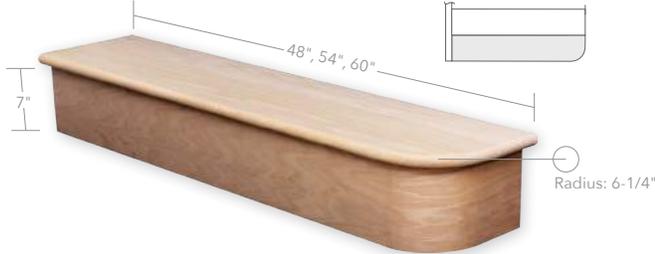
STARTING STEPS



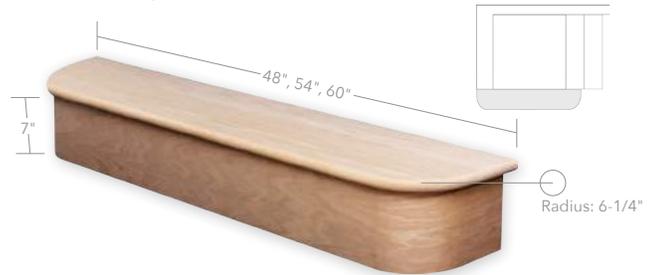
F8010
Single Bullnose Starting Step / Reversible
Thickness: 1-1/32" Depth: 11-1/4"
Available in the following lengths: 48", 54", 60" & 72"
(Length measurement inside of notch)



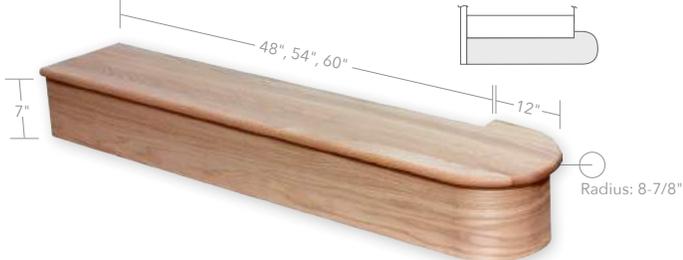
F8015
Double Bullnose Starting Step
Thickness: 1-1/32" Depth: 11-1/4"
Available in the following lengths: 42", 48", 54" & 60"
(Length measurement inside of notches)



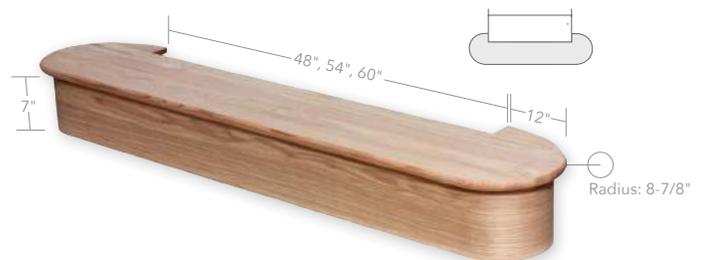
F8040
Single Bullnose Starting Step / Reversible
Thickness: 1-1/32" Depth: 11-1/4"
Available in the following lengths: 48", 54" & 60"



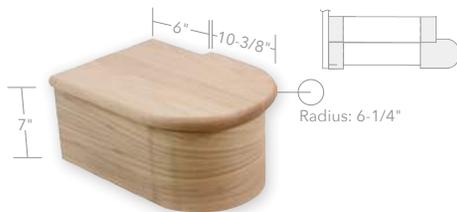
F8060
Double Bullnose Starting Step
Thickness: 1 1/32" Depth: 11-1/4"
Available in the following lengths: 48", 54" & 60"



F8630
Single Bullnose Starting Step / Reversible
Thickness: 1-1/32" Depth: 11-1/4"
Available in the following lengths: 48", 54" & 60"
(Length measurement inside of notch)



F8650
Double Bullnose Starting Step
Thickness: 1-1/32" Depth: 11-1/4"
Available in the following lengths: 48", 54" & 60"
(Length measurement inside of notches)



F8011
False End Starting Step / Reversible
Thickness: 1-1/32" Depth: 11-1/4"
Notch length: 6"



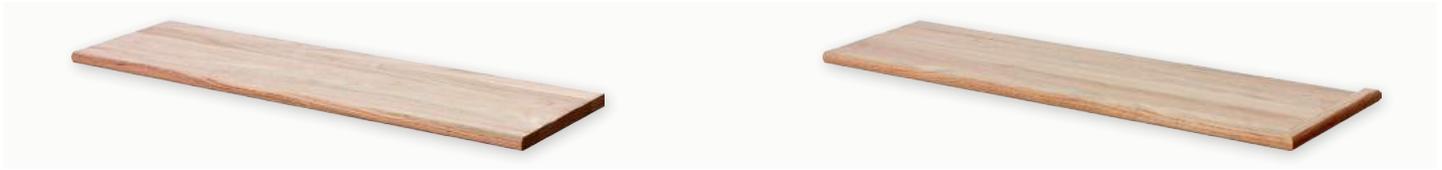
F8010-KIT
Each starting step includes one kit per bullnose end
*Also includes 6 foot sections of F8095 cove mould
and F8422 shoe mould (not pictured)

*All starting steps have an overall 8" height. Custom opening dimension available upon request. Paint grade risers also available upon request.

TREADS & RISERS

TREADS, RISERS & WINDER TREADS

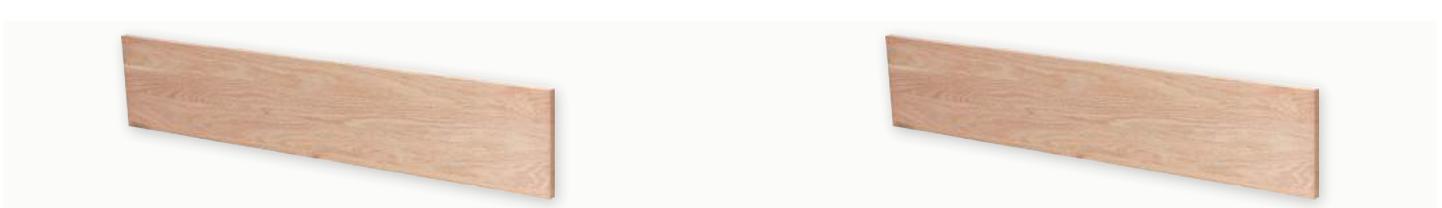
TREADS



F8070
Plain Tread
Thickness: 1-1/32" Depth: 11-1/2"
Available in the following lengths: 36", 42", 48", 54", 60", 72", 84" & 96"

F8070-R
Return Tread One End / Reversible
Thickness: 1-1/32" Depth: 11-1/2"
Available in the following lengths: 36", 42", 48", 54", 60" & 72"

RISERS



F8075-7
7.5" Riser
Thickness: 3/4"
Available in the following lengths: 36", 42", 48", 60" & 72"

F8075-8
8" Riser
Thickness: 3/4"
Available in the following lengths: 36", 42", 48", 60" & 72"

WINDER TREADS & PLATFORM



F8070-WP
Winder Stair Platform
Available in the following lengths: 36", 42" & 48"

F8070-W2
2 Tread Winder Kit (riser sold separately)
Available in the following lengths: 36", 42" & 48"

F8070-W3
3 Tread Winder Kit (riser sold separately)
Available in the following lengths: 36", 42" & 48"

FALSE END TREADS & RISERS



F8071-PLY-LH
7-1/2" Riser
Thickness: 3/4"
Length: 11" Width: 6"

F8071-PLY-RH
7-1/2" Riser
Thickness: 3/4"
Length: 11" Width: 6"

F8072-PLY
8" Riser
Thickness: 3/4"
Length: 11" Width: 6"

MOULDINGS

MOULDINGS & ACCESSORIES

LANDING TREAD



F8090-3-1/2
3-1/2" Landing Tread

F8090-5-1/4
5-1/4" Landing Tread

NOSING



F8080
Linear Nosing
1-1/32" x 1-1/4"
Assorted lengths

F8080-13
13 inch Return End
1-1/32" x 1-1/4"
Length: 13"

F8081
Tread Cap Nosing
1-13/16" x 1"

MOULDINGS



F8095
Cove Mould
3/4" x 3/4"
Assorted lengths



F8422
Shoe Mould
3/4" x 1/2"
Assorted Lengths



F8099-NECK
Neck Mould for F4090
& F4091 Box Newel
7/8" x 5/8"

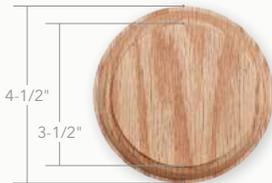


F8099-BASE
Base Mould for
F4091 Box Newel
9/16" x 5/8"



F8099-SBASE
Base Mould for
F4090 Box Newel
13/16" x 1"

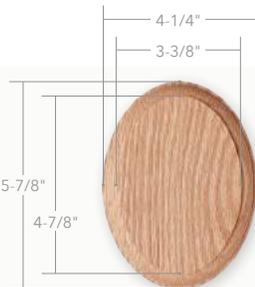
ROSETTES



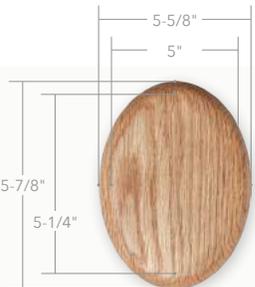
F7017
Round Rosette
Beveled Edge



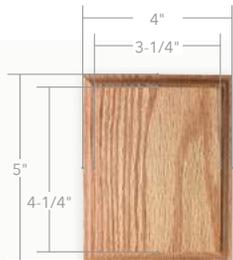
F7317
Round Rosette
Smooth Edge



F7037
Oval Rosette
Beveled Edge



F7337
Oval Rosette
Smooth Edge



F7338
Square Rosette
Beveled Edge

SKIRT BOARD



F8070-L-11
Skirt Board
Height: 11-1/4" Width: 3/4"

TREAD BRACKETS



F8028
Plain Tread Bracket
Height: 8-1/4" Length: 11-1/2"



F8029
Scroll Tread Bracket
Height: 8-1/4" Length: 11-1/2"

HARDWARE

LIGHTWEIGHT HANDRAIL BRACKET



F3002-AB
Antique Brass



F3002-B
Brass



F3002-BL
Black



F3002-BN
Brushed Nickel

HEAVY DUTY HANDRAIL BRACKET



F3010-AB
Antique Brass



F3010-B
Brass



F3010-BL
Black



F3010-BN
Brushed Nickel



F3010-CR
Chrome

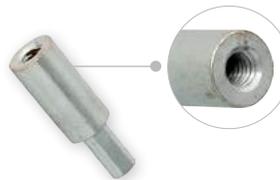


F3010-RB
Rubbed Bronze

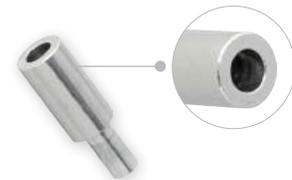
TOOLS



- F3030
Stair Installer's Kit
Kit includes the following:
- Canvas Roll Bag
 - F3011 Railbolt Wrench
 - 1-1/2" Spade Bit
 - 1" Spade Bit
 - 3/4" Spade Bit
 - 5/8" Spade Bit
 - 1/2" Spade Bit
 - 3/8" Spade Bit
 - 1/4" Drill Bit
 - DeWalt™ Quick Release
 - F3009 Rail Bolt Driver
 - F3012 Baluster Fastener
 - Driver



F3013
Rail Bolt Driver
*For 3001 Bolt



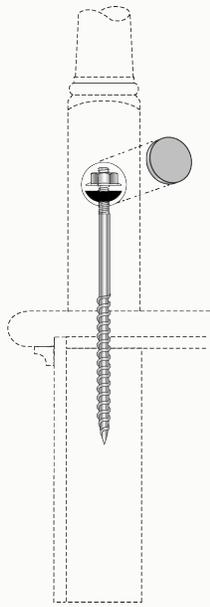
F3009
Baluster Fastener Driver
*For F3003 Screw



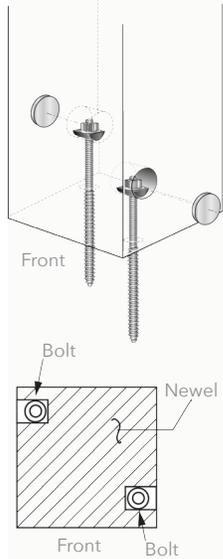
F3011
Rail Bolt Wrench

HARDWARE

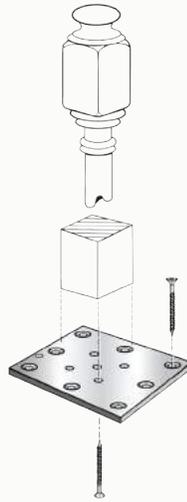
NEWEL FASTENERS



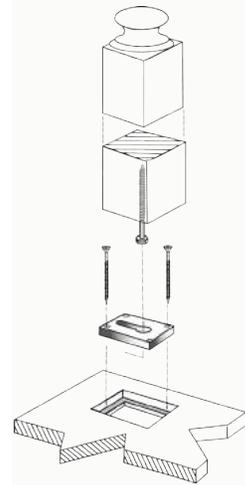
F3005
Sure-Tite™
Newel Attaching System
10" Bolt



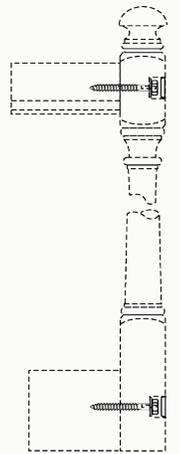
F3001-5
Newel Attaching System
5" Bolt



F3014
Newel Plate Mount System



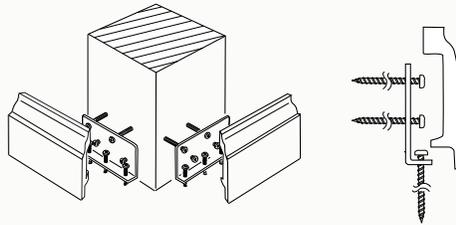
F3015
Keylock™
Newel Mounting System



F3006
Newel Fastening System



F3007
L-Anchor System for 3" Newels



F3008
L-Anchor System for 3-1/2" Newels

DID YOU KNOW?

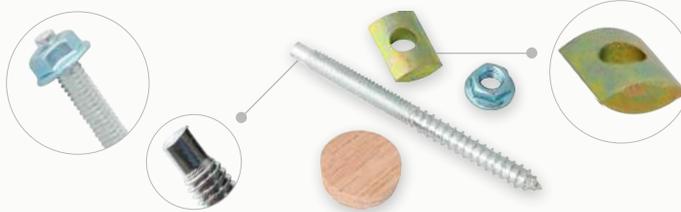
Over time, newel posts in older homes can work themselves loose. An L-Anchor kit from Fitts offers an easy, cost effective solution.

HARDWARE

HANDRAIL FASTENERS

DID YOU KNOW?

Fitts' shouldered bolt easily allows the nut to rest in a small workspace.



S. T. A. R.™ System Washer
US patent 7,104,742 B1

*Includes oak plug - other species sold separately

*Each Fitts handrail fitting includes one kit per connection point

F3001
Rail Bolt Kit

DID YOU KNOW?

This is the industry's first gear driven rail bolt. The bolt is easily tightened with a standard 5mm hex driver.



F3017
ZIPBOLT™ UT Rail Bolt

DID YOU KNOW?

The UT Micro Bolt is a perfect solution for small radius rails such as the F6040 and F6042 handrails.



F3018
ZIPBOLT™ UT Micro Rail Bolt

BALUSTER FASTENERS



F3003-1
Baluster Fastener
(50 piece pack)

*F3012 driver sold separately



FH3012
Baluster Dowel Pin

WOOD PLUGS



The F3000 tapered wood plug is stocked in the following species of wood:

- Red Oak
- Hard Maple
- American Cherry
- Poplar
- Beech
- Alder

F3000
1" Tapered Wood Plug

GLUE & ADHESIVE



F3025
Titebond II™
Premium Wood Glue



F13200-NZ
Nozzle
(Distributes 1:1 mixture)



F13200-EF
Two-Part Epoxy and
Hardening Agent



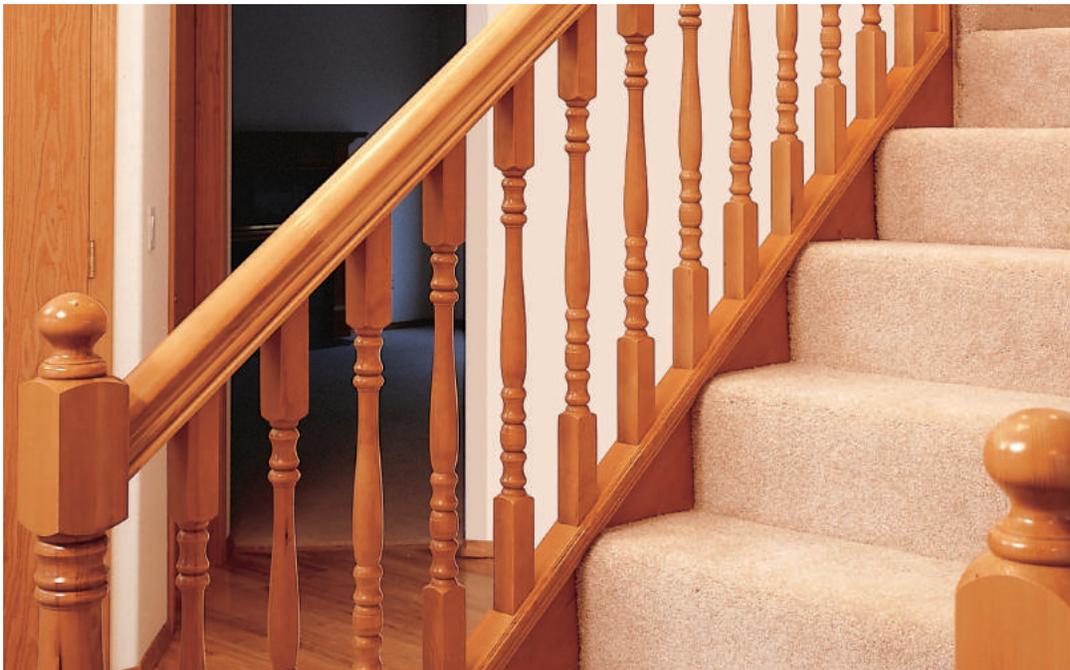
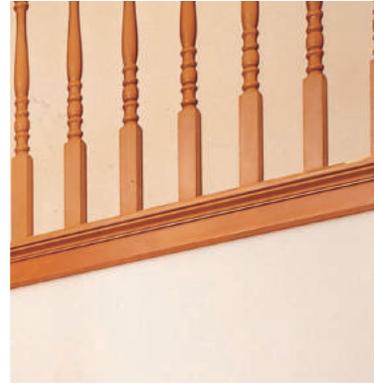
F13200
Epoxy Gun

HEMLOCK

Western hemlock, a staple of construction materials in the Pacific Northwest and Western Canada, has grown in popularity since the 1940's due to its availability, cost effectiveness, and workability. Hemlock, like most softwoods, is a fast growing, sustainable specie harvested in remote British Columbia. Fitts offers its hemlock collection separately from its hardwood options primarily due to the variance in square sizing as a result of the metric conversion of lumber. It is important to note that the turnings and turning sizes vary from Fitts' standard hardwood offerings due to the differences in measurements of the raw material.

DID YOU KNOW?

Hemlock bark was used by fur traders in the tanning process. The lumber was often cast away until it was discovered that hemlock grows stronger and harder with age.



HEMLOCK

TRADITIONAL POST-TO-POST



FH4040



FH4042



FH4045



FH4046-60



FH4058 (84")
*Not to scale



Mushroom Top
(Pictured)



Ball Top
(Specify -BT
when ordering)



FH5015



FH5015-LE



FH5040



FH5070



FH5070-LE

HANDRAILS



FH6010



FH6010-P



FH6045



FH5050



F5015-PR



F5070-PR

SUGGESTED ARCHITECTURAL PAIRING:

- COLONIAL
- FARMHOUSE

*SQUARE TOP BALUSTERS MUST USE PLOWED HANDRAILS



Urn Detail



FH4013



FH4014



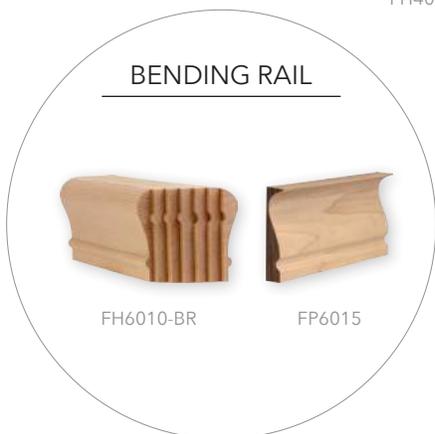
FH4010



FH4015



FH4018 (84")
*Not to scale



BENDING RAIL



FH6010-BR



FP6015



Newel Post Dimensions • Post-to-Post						
Part #	Height	Width	Finial	Top Block	Turning	Base Block
FH4040	47-1/2"	3-1/4"	2-3/8"	5"	23-1/4"	16-7/8"
FH4040-BT	47-1/2"	3-1/4"	3-1/2"	5"	23-1/4"	15-3/4"
FH4042	60"	3-1/4"	2-3/8"	5"	23-1/4"	29-3/8"
FH4042-BT	60"	3-1/4"	3-1/2"	5"	23-1/4"	28-1/4"
FH4045	60"	3-1/4"	2-3/8"	10"	23-1/4"	24-3/8"
FH4045-BT	60"	3-1/4"	3-1/2"	10"	23-1/4"	23-1/4"
FH4046-60	60"	3-1/4"	2-3/8"	14-1/2"	18-1/4"	24-3/8"
FH4046-BT	60"	3-1/4"	3-1/2"	14-1/2"	18-1/4"	23-1/4"
FH4058	83"	3-1/4"	2-3/8"	5"	23-1/4"	52-3/8"
FH4058-BT	83"	3-1/4"	3-1/2"	5"	23-1/4"	51-1/4"

Newel Post Dimensions • Over-the-Post						
Part #	Height	Width	Top Pin	Base Block	Turning	Install Pin
FH4010	48"	3-1/4"	1"	20"	27"	---
FH4013	48"	3-1/4"	1"	12-1/2"	27"	7-1/2"
FH4014	48"	3-1/4"	1"	14"	27"	6"
FH4015	60"	3-1/4"	1"	32"	27"	---
FH4018	84"	3-1/4"	1"	49"	27"	---

Baluster Dimensions					
Part #	Height	Width	Top Block	Turning	Base Block
FH5015-34*	34"	1-1/4"	---	25-5/8"	7-3/4"
FH5015-36*	36"	1-1/4"	---	27-5/8"	7-3/4"
FH5015-39*	39"	1-1/4"	---	30-5/8"	7-3/4"
FH5015-42*	42"	1-1/4"	---	33-5/8"	7-3/4"
FH5015-36-LE	36"	1-1/4"	---	27-1/2"	8-1/2"
FH5015-39-LE	39"	1-1/4"	---	27-1/2"	11-1/2"
FH5015-42-LE	42"	1-1/4"	---	27-1/2"	14-1/2"
FH5040-36	36"	1-1/8"	---	35-3/8"	---
FH5040-42	42"	1-1/8"	---	41-3/8"	---
FH5050-36	36"	1-1/4"	4-1/2"	19"	9-1/2"
FH5050-42	42"	1-1/4"	4-1/2"	19"	15-1/2"
FH5070-36*	36"	1-1/4"	7-1/2"	19"	9-1/2"
FH5070-42*	42"	1-1/4"	7-1/2"	19"	15-1/2"
FH5070-36-LE	36"	1-1/4"	7-1/2"	19"	9-1/2"
FH5070-39-LE	39"	1-1/4"	7-1/2"	19"	12-1/2"
FH5070-42-LE	42"	1-1/4"	7-1/2"	19"	15-1/2"

*Available primed

Handrail Dimensions				
Part #	Height	Top Width	Bottom Width	Plow Width
FH6010	2-3/8"	2-1/4"	1-5/8"	---
FH6010-P*	2-3/8"	2-1/4"	1-5/8"	1-1/4"
FH6010-BR	2-3/8"	2-1/4"	1-5/8"	---
FH6045*	1"	2-1/8"	2-1/4"	1-1/4"

*Includes fillet

HEMLOCK

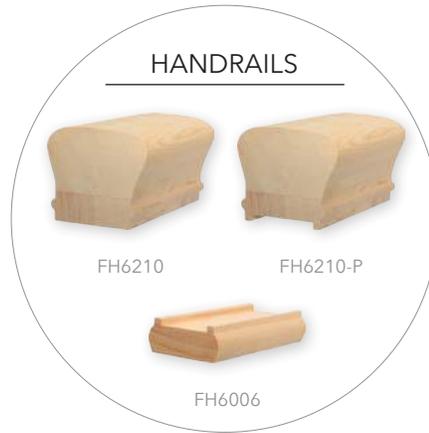
HAMPTON POST-TO-POST



FH4500

FH4501

FH4506

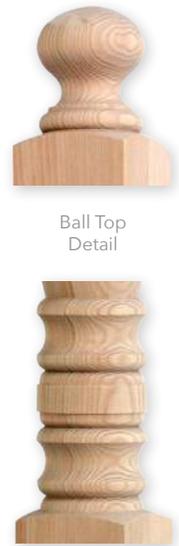


HANDRAILS

FH6210

FH6210-P

FH6006



Ball Top Detail

Barrel Detail



FH5610

FH5105

FH5611

FH5005

SUGGESTED ARCHITECTURAL PAIRING:
• FARMHOUSE



Newel Post Dimensions • Post-to-Post						
Part #	Height	Width	Finial	Top Block	Turning	Base Block
FH4500	47-1/2"	3-1/4"	3-1/2"	6-1/2"	17-1/2"	20"
FH4501	60"	3-1/4"	3-1/2"	6-1/2"	17-1/2"	32"
FH4506	60"	3-1/4"	3-1/2"	14-1/2"	17-1/2"	24"
Baluster Dimensions						
Part #	Height	Width	Top Block	Turning	Base Block	
FH5610-36	36"	1-1/4"	---	23-1/4"	12"	
FH5610-42	42"	1-1/4"	---	23-1/4"	18"	
FH5105-36	36"	1-1/4"	5-3/4"	23-1/4"	12-3/4"	
FH5105-42	42"	1-1/4"	5-3/4"	23-1/4"	18-3/4"	
FH5611-36	36"	1-5/8"	---	19-3/4"	8-1/2"	
FH5611-42	42"	1-5/8"	---	19-3/4"	14-1/2"	
FH5005-36	36"	1-5/8"	9-1/4"	17-1/2"	9-1/4"	
FH5005-42	42"	1-5/8"	9-1/4"	17-1/2"	15-1/4"	
Handrail Dimensions						
Part #	Height	Top Width	Bottom Width	Plow Width		
FH6210	2-3/8"	2-5/8"	2"	---		
FH6210-P*	2-3/8"	2-5/8"	2"	1-5/8"		
FH6006*	1"	2-1/8"	2-1/4"	1-5/8"		

*Includes fillet

*SQUARE TOP BALUSTERS MUST USE PLOWED HANDRAILS



Globe Top Detail



Ring Detail



HANDRAILS



FH6243

FH6244



FH6045

FH6006



FH4840



FH4842



FH4846

SUGGESTED ARCHITECTURAL PAIRING:

- FARMHOUSE
- MOUNTAIN HOME



FH5801



FH5802



DID YOU KNOW?

The Olympia series by Fitts includes the most recognizable hemlock turnings in the market. Today, Fitts is one of the last manufacturers selling 1-1/4" version of the popular 5801 baluster.

Newel Post Dimensions • Post-to-Post						
Part #	Height	Width	Finial	Top Block	Turning	Base Block
FH4840	47-1/2"	3-1/4"	5"	14-1/2"	14-1/2"	13-1/2"
FH4842	59-1/2"	3-1/4"	5"	6-1/2"	14-1/2"	33-1/2"
FH4846	59-1/2"	3-1/4"	5"	14-1/2"	14-1/2"	25-1/2"
Baluster Dimensions						
Part #	Height	Width	Top Block	Turning	Base Block	
FH5801-36	36"	1-1/4"	10-3/4"	14-1/2"	10-3/4"	
FH5801-42	42"	1-1/4"	10-3/4"	14-1/2"	14-3/4"	
FH5802-32	32"	1-5/8"	8-3/4"	14-1/2"	10-3/4"	
FH5802-36	36"	1-5/8"	10-3/4"	14-1/2"	16-3/4"	
FH5802-42	42"	1-5/8"	10-3/4"	14-1/2"	22-1/2"	
Handrail Dimensions						
Part #	Height	Top Width	Bottom Width	Plow Width		
FH6243*	1-1/4"	2-3/8"	2"	1-1/4"		
FH6244*	1-1/4"	2-3/8"	2"	1-5/8"		
FH6045*	1"	2-1/8"	2-1/4"	1-1/4"		
FH6006*	1"	2-1/8"	2-1/4"	1-5/8"		

*Includes fillet

HEMLOCK

CRAFTSMAN POST-TO-POST



FH4000-460 (60")



FH4000-460-CH



FH4005



FH4105



FH4205



FH4090*



FH4091*

*Box newels include flat and pyramid cap



Chamfer Top Detail



Box Newel Flat Cap Detail



FH5060



FH5060-CH



FH5062
US patent D578,225S



FH5061
US patent D578,667S

SUGGESTED ARCHITECTURAL PAIRING:

- CRAFTSMAN
- MOUNTAIN HOME
- MODERN



FH5360



FH5360-CH

HANDRAILS



FH6010-P



FH6210-P



FH6006



FH6045

Newel Post Dimensions • Post-to-Post

Part #	Height	Width	Finial	Turning
FH4000-460	60"	3-1/4"	NA	---
FH4000-460-CH	60"	3-1/4"	NA	---
FH4005	60"	3-1/4"	4-1/2"	---
FH4105	60"	3-1/4"	5"	---
FH4205	60"	3-1/4"	6"	---

Box Newel Post Dimensions • Post-to-Post

Part #	Height	Base Width	Shaft Width	Detail Height
FH4090	55"	4-1/2"	3-1/2"	---
FH4091	55"	6-1/4"	4-1/2"	---
FH4092-FP	55"	6-1/4"	4-3/4"	18-3/4"

Baluster Dimensions

Part #	Height	Width	Top Block	Turning
FH5060-36	36"	1-1/4"	---	---
FH5060-42	42"	1-1/4"	---	---
FH5060-CH-36	36"	1-1/4"	---	17"
FH5060-CH-42	42"	1-1/4"	---	17"
FH5061-36	36"	1-1/4"	---	17"
FH5061-42	42"	1-1/4"	---	17"
FH5062-36	36"	1-1/4"	---	17"
FH5062-42	42"	1-1/4"	---	17"
FH5360-36	36"	1-5/8"	---	---
FH5360-42	42"	1-5/8"	---	---
FH5360-CH-36	36"	1-5/8"	---	17"
FH5360-CH-42	42"	1-5/8"	---	17"

Handrail Dimensions

Part #	Height	Top Width	Bottom Width	Plow Width
FH6010-P*	2-3/8"	2-1/4"	1-5/8"	1-1/4"
FH6210-P*	2-3/8"	2-5/8"	2"	1-5/8"
FH6006*	1"	2-1/8"	2-1/4"	1-5/8"
FH6045*	1"	2-1/8"	2-1/4"	1-1/4"

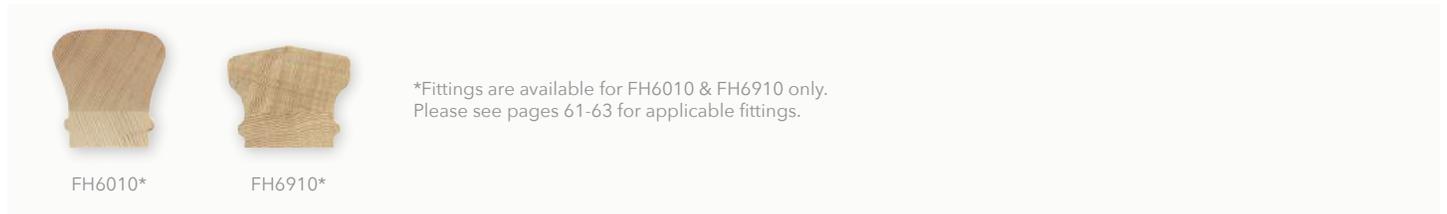
*Includes fillet

*SQUARE TOP BALUSTERS MUST USE PLOWED HANDRAILS

HANDRAIL & SHOE RAIL



HANDRAIL FITTINGS



*Fittings are available for FH6010 & FH6910 only. Please see pages 61-63 for applicable fittings.

TREADS & RISERS



FH8070-SS
Plain Tread - Solid Strip
Thickness: 1-1/32" Depth: 11-1/2"
Available in the following lengths: 36", 42", 48", 60"
& 72"

FH8070-SS-R
Return Tread One End / Reversible - Solid Strip
Thickness: 1-1/32" Depth: 11-1/2"
Available in the following lengths: 36", 42", 48", 60"
& 72"

FH8075-7 (7" Riser)
FH8075-8 (8" Riser)
Thickness: 3/4"
Available in the following lengths: 36", 42", 48" & 60"

WINDER TREADS & PLATFORM (PICTURED IN OAK FOR ILLUSTRATION ONLY)



FH8070-WP
Winder Stair Platform
Available in the following lengths: 36", 42" & 48"

FH8070-W2
2 Tread Winder Kit (riser sold separately)
Available in the following lengths: 36", 42" & 48"

FH8070-W3
3 Tread Winder Kit (riser sold separately)
Available in the following lengths: 36", 42" & 48"

*WINDER TREADS AND PLATFORMS SHOWN HERE IN RED OAK FOR ILLUSTRATION PURPOSE ONLY.

HEMLOCK

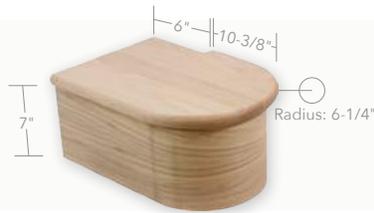
STARTING STEPS & MOULDINGS

STARTING STEPS (PICTURED IN OAK FOR ILLUSTRATION ONLY)



FH8010
Single Bullnose Starting Step / Reversible
Thickness: 1-1/32" Depth: 11-1/4"
Available in the following lengths: 48" & 60"
(Length measurement inside of notch)

FH8015
Double Bullnose Starting Step
Thickness: 1-1/32" Depth: 11-1/4"
Available in the following lengths: 48" & 60"
(Length measurement inside of notches)

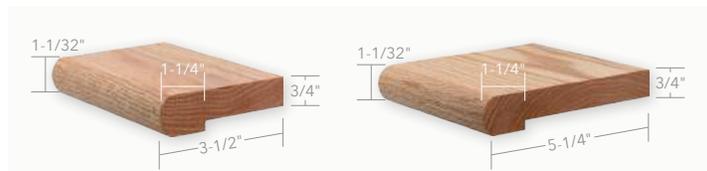


FH8011
False End Starting Step / Reversible
Thickness: 1-1/32" Depth: 11-1/4"
Notch length: 6"



FH8010-KIT
Each starting step includes one kit per bullnose end
*Also includes 6 foot sections of F8095 cove mould
and F8422 shoe mould (not pictured)

LANDING TREAD (PICTURED IN OAK)



FH8090-3-1/2
3-1/2" inch Landing Tread

FH8090-5-1/4
5-1/4" Landing Tread

NOSING (PICTURED IN OAK)



FH8080
Linear Nosing
1-1/32" x 1-1/4"
Assorted lengths

FH8080-13
13 inch Return End
1-1/32" x 1-1/4"
Length: 13"

MOULDINGS (PICTURED IN OAK)



FH8095
Cove Mould
3/4" x 3/4"
Assorted lengths



FH8422
Shoe Mould
3/4" x 1/2"
Assorted Lengths



FH8099-NECK
Neck Mould for F4090
& F4091 Box Newel
7/8" x 5/8"



FH8099-BASE
Base Mould for
F4091 Box Newel
9/16" x 5/8"



FH8098-BASE
Base Mould for
F4090 Box Newel
13/16" x 1"

ROSETTES (PICTURED IN HEMLOCK)



FH7017
Round Rosette
Beveled Edge

FH7317
Round Rosette
Smooth Edge

FH7037
Oval Rosette
Beveled Edge

FH7337
Oval Rosette
Smooth Edge

FILLET (PICTURED IN OAK)



FH6050

FH6007

*For dimensions, see page 66

Baluster:

A support used to fill the open area between the rail and the stair tread or knee wall.

Balustrade:

A complete rail system that includes the handrail, balusters, and newel posts.

Box Newel Post:

An oversized square newel that is usually hollow and is used in a post-to-post balustrade system.

Bullnose Starting Step or Tread:

A starting tread that has one or both ends rounded to a semi-circle and projects beyond the face of the stair stringer.

Fitting Cap:

The part of the fitting that accepts the newel post; used in conjunction with a pin top newel in an over-the-post balustrade system.

False Tread Caps:

A piece attached to the end of a rough tread to simulate solid wood treads, usually with a carpet runner down the steps.

Fillet:

A thin strip that is usually flat on one side and fits into the plow of a piece of handrail.

Gooseneck:

A fitting that is used in the transition of a handrail to a landing or balcony; compensates for the change in the rise of the stair and may make a change in direction.

Handrail:

The top rail used in a balustrade system; provides a gripping surface for added support.

Handrail Fitting:

A part used in a balustrade to compensate for a change in direction. Handrail fittings can be used in both post-to-post and over-the-post balustrade systems.

Handrail Height:

The vertical distance between the upper surface of the top rail and the leading edge of the tread or the finished floor.

Landing:

A horizontal platform at the end of a flight or between two flights of stairs, usually used to make a change in direction.

Landing Newel:

A post used on an intermediate or second floor (balcony); generally used where there is a change in direction or where a rake rail meets a level rail.

Landing Tread:

A part used as the tread on a landing that forms a level surface with the finished floor on the second floor (balcony). Also used as a level surface to attach balusters.

Newel:

A large vertical column or post to which the handrail is attached. Newels provide structural support for the balustrade.

Nosing:

The part of a tread that extends beyond the riser; can also extend beyond the fascia on a balcony.

Open Stair:

A stair that is open on one or both sides, thus allowing riser and treads to be visible.

Over Easing:

A convex rail fitting used to transition from a rake rail to a level rail.

Over-the-Post:

A balustrade system in which the handrail runs over the post and is continuous (uninterrupted).

Plowed Handrail:

A recessed area in the bottom of a handrail or in the top of a shoe rail; the square top and bottom of a baluster is designed to fit into the plow.

Post-to-Post:

A balustrade system in which the handrail runs between the newel post, with the top of the post projecting above the rail.

Quarter Turn:

A rail fitting that makes a 90 degree or right angle turn.

Quarter Turn Cap:

A quarter turn cap is made to mount on top of a pin top newel in an over-the-post rail system.

Rake:

The angle or slope of a stairway that is determined by the rise and run.

Rake Rail:

Rail section that runs parallel to the slope of the stairs.

Rise:

The vertical distance from one tread in a stair to the next.

Riser:

The vertical face of a stair step.

(continued on next page)

INDEX

F7023	60
F7024	60
F7025	60
F7030	61
F7031	61
F7035	61
F7036	61
F7038	66
F7040	61
F7041	61
F7045	61
F7046	61
F7050	63
F7055	63
F7060	63
F7065	63
F7071	63
F7076	63
F7081	63
F7086	63
F7089	63
F7090-2	63
F7090-WC	63
F7095-2	63
F7095-WC	63
F7099	63
F7206	62
F7207	62
F7208	62
F7209	62
F7210	61
F7211	62
F7211-135	62
F7212	62
F7213	62
F7214	62
F7215	62
F7216	62
F7218	62
F7219	62
F7220	62
F7221	62
F7221-135	62
F7230	61
F7231	61
F7235	61
F7236	61
F7240	61
F7241	61
F7245	61
F7246	61
F7260	63
F7265	63
F7271	63
F7276	63
F7281	63
F7286	63
F7289	63
F7290-2	63
F7295-2	63
F7299	63
F7317	66
F7337	66
F7338	66
F7406	62
F7407	62
F7409	62
F7410	61
F7411	62
F7411-135	62
F7412	62
F7413	62
F7414	62
F7415	62
F7416	62
F7419	62
F7420	62
F7421	62
F7421-135	62
F7430	61
F7435	61
F7440	61
F7445	61
F7450	63

F7455	63
F7460	63
F7465	63
F7471	63
F7476	63
F7481	63
F7486	63
F7489	63
F7490-2	63
F7495-2	63
F7499	63
F7710	61
F7711	62
F7712	62
F7713	62
F7714	62
F7719	62
F7720	62
F7721	62
F7721-135	62
F7730	61
F7735	61
F7740	61
F7745	61
F7760	63
F7765	63
F7771	63
F7776	63
F7781	63
F7786	63
F7789	63
F7799	63
F7906	62
F7907	62
F7909	62
F7910	61
F7911	62
F7911-135	62
F7912	62
F7913	62
F7914	62
F7919	62
F7920	62
F7921	62
F7921-135	62
F7930	61
F7931	61
F7935	61
F7936	61
F7940	61
F7945	61
F7971	63
F7976	63
F7981	63
F7986	63
F7989	63
F7999	63
Starting Steps, Treads & Mouldings	
Part #	Page #
F8010	64
F8010-KIT	64
F8011	64
F8015	64
F8028	66
F8029	66
F8040	64
F8060	64
F8070	65
F8070-L-11	66
F8070-R	65
F8070-W2	65
F8070-W3	65
F8070-WP	65
F8071-PLY-LH	65
F8071-PLY-RH	65
F8072-PLY	65
F8075-7	65
F8075-8	65
F8076-PLY	65
F8080	66
F8080-13	66
F8081	66
F8090-3-1/2	66

F8090-5-1/4	66
F8095	66
F8099-NECK	66
F8099-BASE	66
F8099-SBASE	66
F8422	66
F8630	64
F8650	64
Hemlock	
Newels	
Part #	Page #
FH4000-460	75
FH4000-460-CH	75
FH4005	75
FH4010	72
FH4013	72
FH4014	72
FH4015	72
FH4018	72
FH4040	71
FH4040-BT	71
FH4042	71
FH4042-BT	71
FH4045	71
FH4045-BT	71
FH4046-60	71
FH4046-BT	71
FH4058	71
FH4058-BT	71
FH4090	75
FH4091	75
FH4105	75
FH4205	75
FH4500	73
FH4501	73
FH4506	73
FH4840	74
FH4842	74
FH4846	74
Balusters	
Part #	Page #
FH5005	73
FH5015	71
FH5015-LE	71
FH5040	71
FH5050	71
FH5060	75
FH5060-CH	75
FH5061	75
FH5062	75
FH5070	71
FH5070-LE	71
FH5105	73
FH5360	75
FH5360-CH	75
FH5610	73
FH5611	73
FH5801	74
FH5802	74
Handrails	
Part #	Page #
FH6006	73, 74,
	75, 76
FH6007	77
FH6010	71, 76
FH6010-P	71, 75, 76
FH6010-BR	72
FH6040	76
FH6042	76
FH6045	71, 74,
	75, 76
FH6050	77
FH6210	73, 76
FH6210-P	73, 75, 76
FH6243	74, 76
FH6244	74, 76
FH6910	76
FH6910-P	76
Handrail Fittings	
Part #	Page #
FH7006	62
FH7007	62
FH7008	62
FH7009	62

FH7010	61
FH7011	62
FH7011-135	62
FH7012	62
FH7013	62
FH7014	62
FH7015	62
FH7017	77
FH7019	62
FH7020	62
FH7021	62
FH7021-135	62
FH7023	60
FH7030	61
FH7031	61
FH7035	61
FH7036	61
FH7037	77
FH7040	61
FH7041	61
FH7045	61
FH7046	61
FH7050	63
FH7055	63
FH7060	63
FH7065	63
FH7071	63
FH7076	63
FH7081	63
FH7086	63
FH7089	63
FH7090-WC-2	63
FH7095-WC-2	63
FH7099	63
FH7317	77
FH7337	77
FH7909	62
FH7910	61
FH7911	62
FH7912	62
FH7913	62
FH7914	62
FH7919	62
FH7920	62
FH7921	62
FH7930	61
FH7935	61
FH7940	61
FH7945	61
FH7971	63
FH7976	63
FH7981	63
FH7986	63
FH7989	63
FH7999	63
Starting Steps, Treads & Mouldings	
Part #	Page #
FH8010	77
FH8010-KIT	77
FH8011	77
FH8015	77
FH8070-SS	76
FH8070-SS-R	76
FH8070-W2	76
FH8070-W3	76
FH8070-WP	76
FH8070-WPR	65
FH8075-7	76
FH8075-8	76
FH8080	77
FH8080-13	77
FH8090-3-1/2	77
FH8090-5-1/4	77
FH8095	77
FH8098-BASE	77
FH8099-BASE	77
FH8099-NECK	77
FH8422	77
Forged Iron Shoes	
Part #	Page #
FI3001	56
FI3101	45, 47,

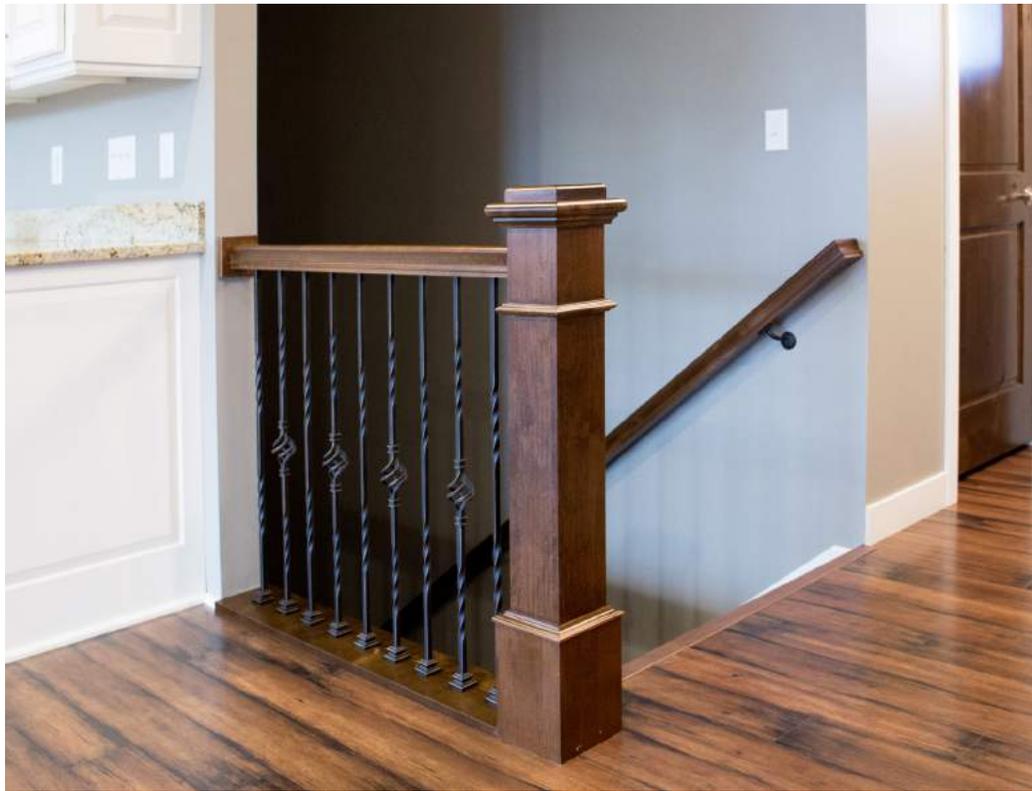
	50, 56
FI3101-1-1/4	45, 47,
	50, 56
FI3101-2	51
FI3101-5	48, 56
FI3102	45, 47
	50, 56
Accessories	
Part #	Page #
FI3200	56, 69
FI3200-EF	56, 69
FI3200-NZ	56, 69
FI3300	56
FI3400	55
Newels	
Part #	Page #
FI4111-48	55
FI4115-48	55
FI4121-48	55
FI4141-48	55
Balusters	
Part #	Page #
FI5500-44	45
FI5501-44	45
FI5511-44	46
FI5512-44	46
FI5515-44	46
FI5516-44	46
FI5518-44	45
FI5519-44	45
FI5521-44	47
FI5522-44	47
FI5523-44	47
FI5524-44	47
FI5525-44	47
FI5526-44	47
FI5530-44	52, 54
FI5531-44	52
FI5532-44	52
FI5533-44	52
FI5536-44	52
FI5540-44	51
FI5541-44	51
FI5541K-44	51
FI5542-44	51
FI5542K-44	51
FI5545-44	51
FI5545K-44	51
FI5560-44	46
FI5561-44	46
FI5562-44	46
FI5571-44	52, 54
FI5572-44	52, 54
FI5573-44	48
FI5574-44	48
FI5575-44	48
FIH5501-44	53
FIH5511-44	53
FIH5512-44	53
FIH5515-44	53
FIH5516-44	53
FIH5521-44	53
FIH5522-44	53
FIH5525-44	53
FIH5526-44	53

FIH5530-44	54
FIH5540-44	54
FIH5541K-44	54
FIH5542K-44	54
FIH5545K-44	54
FIH5560-44	53
FIH5563-44	50, 54
FIH5564-44	50, 54
FIH5565-44	50, 54
FIH5566-44	50, 54
FIH5571-44	54
FIH5572-44	54
FIH5576-44	49, 54
FIH5577-44	49, 54
FIH5578-44	49, 54
FI3102-2	51
FI3102-5	48, 56
FI3103	45, 56
FI3104	45, 47,
	50, 56
FI3104-2	51
FI3104-5	48, 56
FI3105	49, 56
FI3108	49, 56
Cable Rail	
Part #	Page #
CR-224	57, 58
CR-300	57, 58
CR-500-W	57, 58

Please Note:

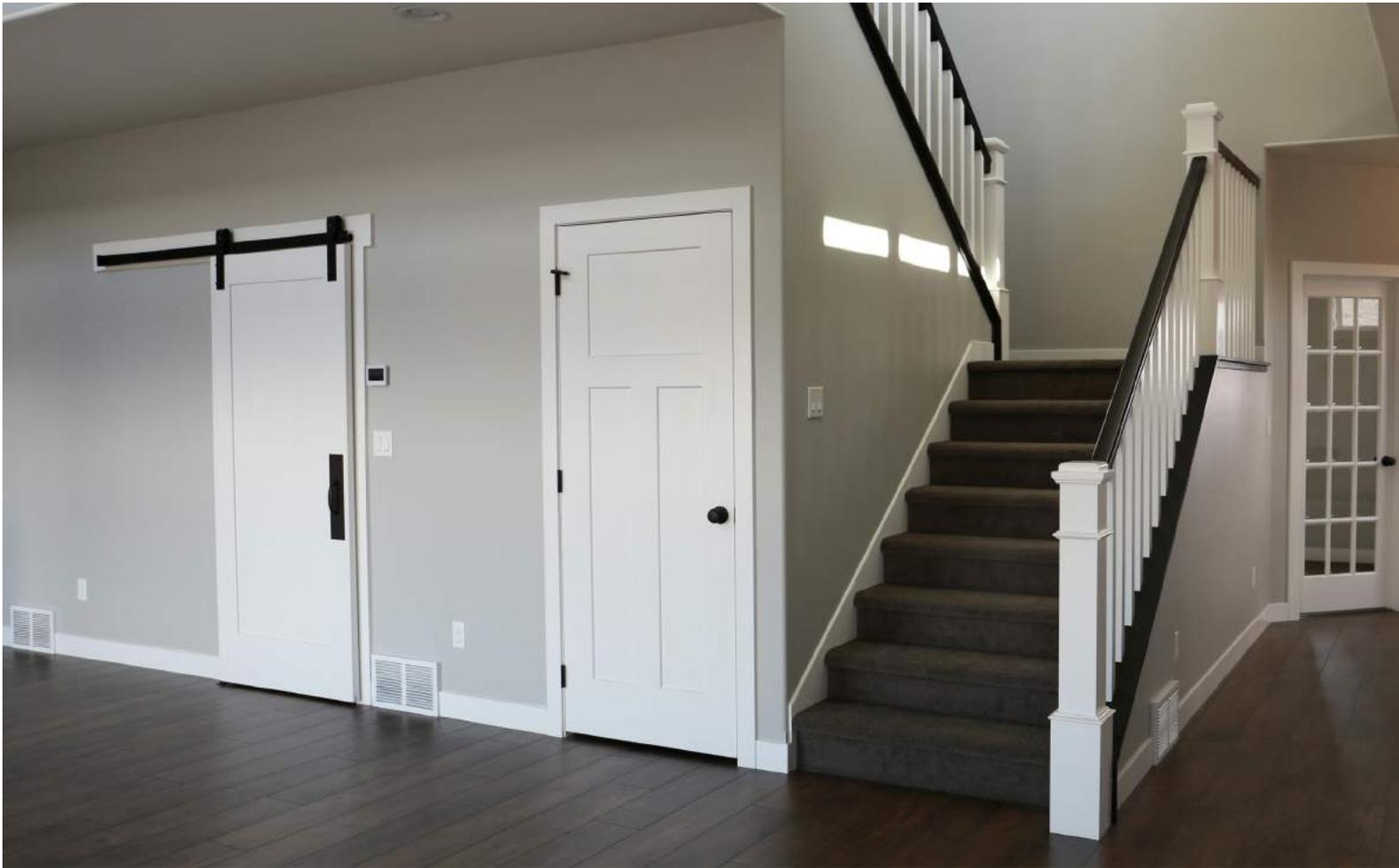
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CONTACT US

2211 Greensboro Avenue
Tuscaloosa, AL 35401

Toll Free: 1.800.633.4213
Phone: 1.205.345.5188
Fax: 1.205.758.7724
Email: info@fitts.com

5640 South Durango Street Suite B
Tacoma, WA 98409

Toll Free: 1.800.633.4213
Phone: 1.253.474.2923
Fax: 1.253.474.0408
Email: info@fitts.com

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WORKS CITED

Historical research and creation of this piece was done by Fitts Industries, Inc. By no means do we consider ourselves historians of architecture; it was through interpretation and creative influence that we were able to provide you a selection of stair components for these various architectural styles.

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PHOTO CREDIT

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Front Cover: Cooper Stairworks (NAC)

Back Cover: Bayer Built Woodworks

All product photography taken by Boyd Winkler

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