0

ARCHITECTURAL PRODUCTS

100

F 17 m





3

4

6

21

28

30

TABLE OF CONTENTS

~	
s aled	
1.5	111
PA STUL	

OUR STORY

HISTORY CUSTOMER CENTRIC PHILOSOPHY



SERVICES

KNOWLEDGEABLE SERVICE CONSISTENT QUALITY INVENTORY



SHOWER PRODUCTS

HARMONY GLIDING SHOWER DOOR SYSTEM TRANQUILITY GLIDING SHOWER DOOR SYSTEM FRAMELESS SHOWER PRODUCTS



ARCHITECTURAL EXTRUSIONS

J-MOLDINGS CHANNELS, ANGLES, FLAT BAR PRICE TAG MOLDING

CUSTOM CAPABILITIES

EXTRUSIONS CASTINGS RAILING & SHOWER HARDWARE



SLIDE TRACK SYSTEMS

SMART LOCK STANDARD ECONOMY

REFERENCE MATERIALS

WARRANTY STANDARD & METRIC EQUIVALENTS NUMERICAL INDEX

MORSE INDUSTRIES

Northwest Distribution Facility Morse Industries Headquarters 25811 74th Avenue South Kent, WA 98032 Southwest Distribution Facility Morse Industries 3080 Enterprise Avenue, Suite A Brea, CA 92821 Central U.S. Distribution Facility Morse Industries 4041 N. Santa Fe Ave. Oklahoma City, OK 73118

CARE & CLEANING

TUTORIALS & RESOURCES

Mid-Atlantic Distribution Facility Morse Industries 1630 Old Dunbar Road West Columbia, SC 29172

PHONE: 1.800.325.7513

36

OUR STORY

Morse Industries was founded in 1982 by Leon Morse and his three sons. They began conducting business out of a small warehouse in Kent, Washington.

"Be a customer service company," he told his sons when describing his vision of their new venture.

Morse Industries is now part of the M-D Building Products family and Leon Morse's adage still rings true. Morse Industries continues to thrive by putting our customers first.



From the outset, the Morse family grew their company by developing and maintaining close relationships with customers. It wasn't long before Morse Industries became known for their in-depth industry knowledge, top notch customer service, and high quality yet affordable inventory. Nobody matched the level of service provided by Morse Industries.



As the years went by, Morse Industries continued to grow. By their 35th anniversary in 2017, Morse Industries became a market leader providing industry professionals with glass railing systems, stainless steel railings and fittings, shower enclosures and hardware, architectural extrusions, slide track systems, stainless steel and aluminum tubing, and custom hardware and extrusions. The time was right for a new partnership that would allow Morse Industries to continue serving its customers in the decades to come.

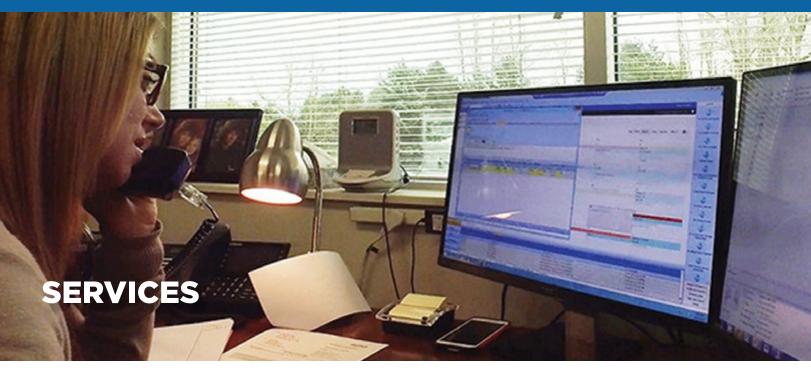




In January, 2018, the Morse Brothers announced the acquisition of Morse Industries by M-D Building Products. The company would now be known as, "Morse Industries an M-D Company." In being acquired, Morse Industries aligned itself with another family run company that shares the same customer centric values that have made both companies successful. As part of the M-D family, Morse Industries was able to increase inventory and product selection. Furthermore, with mills and fabrication facilities throughout the United States, M-D Building Products also brought domestic manufacturing capability.

As Morse Industries an M-D Company looks toward the horizon, it sees continued growth opportunities through industry expertise, value-added service, and domestic manufacturing. Morse Industries looks forward to honoring the vision of its founder and continuing to put the customer first for years to come.







KNOWLEDGEABLE SERVICE

Our staff of subject matter experts know our products and your industry. They consult with you one-on-one to be sure you get the materials you need. Our team will make your job easier by supporting you throughout the installation of your project. When issues arise, our employees have the expertise to find the best solution and the power to implement it. Morse Industries prides itself on providing unmatched consultative service.

CONSISTENT QUALITY

Our customers expect consistent, high-quality products every time they order. Morse Industries has a quality assurance program in place that ensures your orders match the approved drawings, specified finishes, etc. before they are shipped. You can rely on Morse Industries to provide the quality you expect and the product you ordered.





INVENTORY

Morse Industries stocks a wide variety of popular products to help make your purchasing process simple. In addition to the products listed in this catalog, Morse Industries stocks an extensive selection of Railing products that can be found in our Railing Catalog. Furthermore, Morse can assist you by providing an almost limitless number of special order or custom solutions to fit your needs. Our staff will assist you with every facet of this process ensuring you can source the best material for your project.



YOUR DOMESTIC & INTERNATIONAL MANUFACTURING PARTNER

Morse Industries has domestic manufacturing & fabrication facilities throughout the United States as well as a vast network of vendors across the globe. We have staff members with extensive backgrounds in engineering, logistics, quality control, and sourcing. When consulting with you to find the ideal manufacturing solution for your material, Morse Industries acts as your liaison. Our staff is there, overseeing your order, through all stages of production, finishing, fabrication, QC, and shipping.

ON-TIME SHIPPING

Providing products when you expect them is a cornerstone of our business. Orders are tracked by date through all stages of the process and a system of double-checks is in place to ensure your order is shipped on the day it was promised. Morse also runs delivery routes with our own fleet of trucks in select service areas. This allows us to take responsibility of your order from our facility all the way to yours. When shipping via common carrier, we work with a network of the best logistics companies to ensure your order is treated the way you would expect. Morse Industries takes great care to package and handle your order so that it arrives in perfect condition.





JUST IN TIME INVENTORY

In today's competitive environment, our customers want to receive their order "just in time" to minimize inventory costs. Morse Industries has four strategic distribution centers throughout the United States and can provide a tailored, on-going inventory program for your company.

We save you money by stocking your standard or custom items in our warehouse for release as scheduled.

DISTRIBUTOR PROGRAM

Our distributors are partners in our success. The Morse Industries Distributor Program consists of selling materials and providing expert technical and market support to help our distributors sell more effectively. If you are interested in becoming one of our distribution partners, please contact us for more information.



VISIT US ONLINE @ WWW.MORSEINDUSTRIES.COM

Visit our website for the most up to date information about our products and services.

We offer:

- Updated Catalogs & Flyers
- Technical Information & Support Documentation
- Updated Information on stocked material
- Product Specifications & CAD Drawings
- How To Instructions & Videos
- Contact Information for all your questions





SHOWER PRODUCTS

Morse Industries offers a wide selection of frameless, gliding, and semi frameless shower products. Our innovative shower products are produced with the highest quality components available. Morse Industries allows you to provide the elegant, stylish shower designs that are sought after today at a price that creates ultimate value



HARMONY GLIDING SHOWER DOOR SYSTEM



Harmony offers you a complete all-in-one shower door hardware system. The

system is light, durable, and cost effective.

The minimalist hardware and sleek design create a frameless look that is much more aesthetically pleasing than traditional aluminum framed sliders.



Includes a one-year warranty and comes in polished and brushed finish.



TRANQUILITY GLIDING SHOWER DOOR SYSTEM

A modern European style shower door kit. Build your kit in a variety of finishes, tubing choices, and for 1/2" or 3/8" glass.

This system is built from some of the thickest tubing and highest quality hardware in the industry.

Rolling panel can be mounted on either side to accomodate left or right plumbing fixtures.









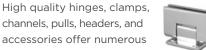
All frameless shower hinges. clamps, & pulls from Morse Industries are backed by

our comprehensive 3 year warranty against any defects in manufacturing and workmanship.







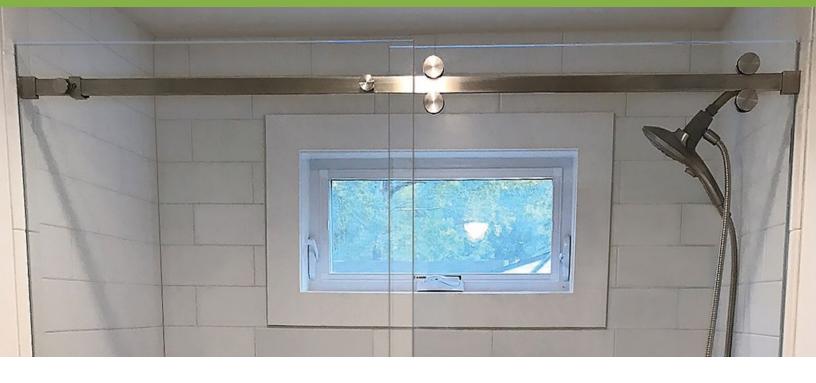


design choices in the most popular finishes for glass thicknesses ranging from 1/4" to 1/2".

channels, pulls, headers, and

FRAMELESS

SHOWER PRODUCTS



HARMONY GLIDING SHOWER DOOR SYSTEM

The Harmony Gliding Shower Door System uses top quality stainless steel ball bearing wheels that glide quietly and effortlessly across the sturdy rectangular header. It provides a stylish yet affordable option when installing a sliding shower door.

The Harmony Gliding Shower Doors System is designed to work with 5/16" to 3/8" thick tempered glass. It features a one-year warranty against manufacturing defects and is available in both a polished and brushed finish.



The minimalist hardware and sleek design creates a frameless look that is much more aesthetically pleasing than traditional framed sliders.



PRODUCT FEATURES

- Durable Stainless Steel Construction
- 4 ball bearing wheels provide security and smooth, quiet operation
- Minimalistic styling
- Fixed and Gliding Panel are reversible for installation
- Available in Polished or Brushed Finish
- Accommodates glass thicknesses from 5/16" to 3/8"
- Maximum Door Size of 30"
- Maximum Door weight of 88lbs
- Compatible with glass return panel
- All Installation Hardware included except clamps or channel for fixed panel
- Comprehensive Instructions including Glass Fabrication Cut-Out Available
- Design Assistance Available



HARMONY SYSTEM DIAGRAM

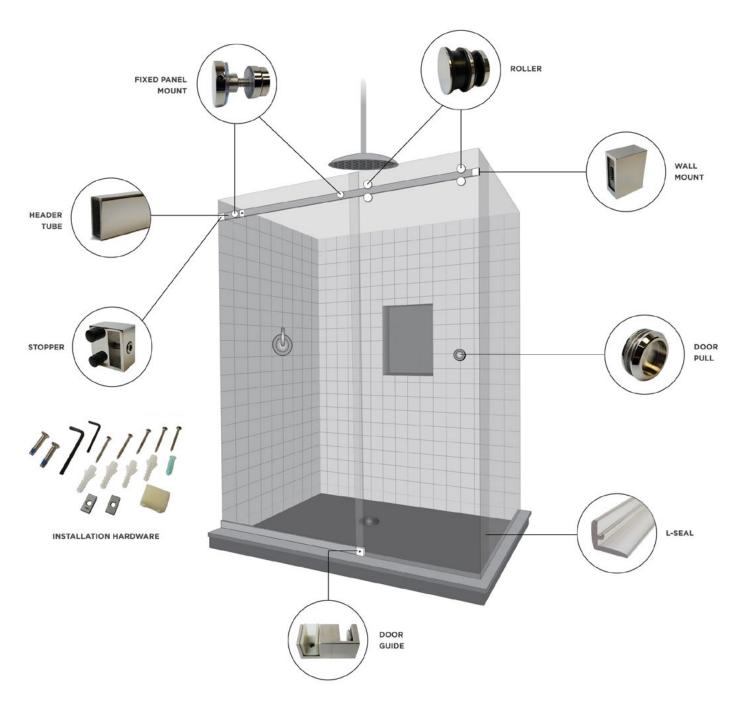
The Harmony Gliding Shower Door System uses top quality stainless steel ball bearing wheels that glide quietly and effortlessly across the sturdy rectangular header. It provides a stylish yet affordable option when installing a sliding shower door.

KIT INCLUDES (Part #C70-4200):

- Header Tube x 1 (1 3/16" x 7/16" x 78")
- Fixed Panel Mount x 2 (1 1/8" ø)
- Roller x 4 (1 1/2" ø)
- Wall Mount x 2

- Door Pull x 1 (2 1/4" ø)
- L-Seal x 1
- Door Guide x 1

- Installation Hardware x 1
- Stopper x 1
 - Adjustable Header Mount x 2



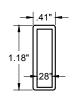
HARMONY SYSTEM KIT

The Harmony Shower System Kit contains all items listed below. It is designed to give the installer everything needed to install the Harmony Gliding Shower Door with the exception of the glass. The kit is available in polished or brushed stainless finishes.





Header Tube Quantity: 1 Size: 1 - 3/16" x 7/16" x 78")





L-Seal Quantity: 1 Size: see diagram

FINISHES: Polished Stainless

and Brushed Stainless



FINISHES: Polished Stainless and Brushed Stainless



Harmony Roller Quantity: 4 Size: 1 - 1/2" ø

FINISHES: Polished Stainless and Brushed Stainless

Door Pull

Quantity: 2

Size: 2 - 1/4" ø

FINISHES: Polished Stainless

and Brushed Stainless

Door Guide

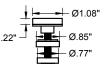


Ø2.24"

1



Fixed Panel Mount Quantity: 2 Size: 1 - 1/8" ø



FINISHES: Polished Stainless and Brushed Stainless

Wall Mount (or) **Glass Mount** Quantity: 2 Size: 1.2" x 1.54"



FINISHES: Polished Stainless and Brushed Stainless

Stopper Quantity: 1 Size: .87" x 1.42"



FINISHES: Polished Stainless and Brushed Stainless









FINISHES: Polished Stainless and Brushed Stainless

Visit www.morseindustries.com for detailed product info, glass fabrication diagrams, installation instructions, and more.











SHOWER PRODUCTS • TRANQUILITY GLIDING SHOWER DOOR SYSTEM

MORSE ARCHITECTURAL PRODUCTS CATALOG



TRANQUILITY GLIDING SHOWER DOOR SYSTEM

A modern European style shower door kit. Built with top quality materials, specially designed not to warp or wear down, this system comes undrilled or with optional pre-tapped holes to accommodate almost any width enclosure up to 78". Build your kit in a variety of finishes, tubing choices, and for 1/2" or 3/8" glass. This system is built from some of the thickest tubing and highest quality hardware in the industry. Rolling panel can be mounted on either side to accommodate left or right plumbing fixtures.



A modern European style shower door kit. This system is built from the highest quality hardware and thick walled tubing.

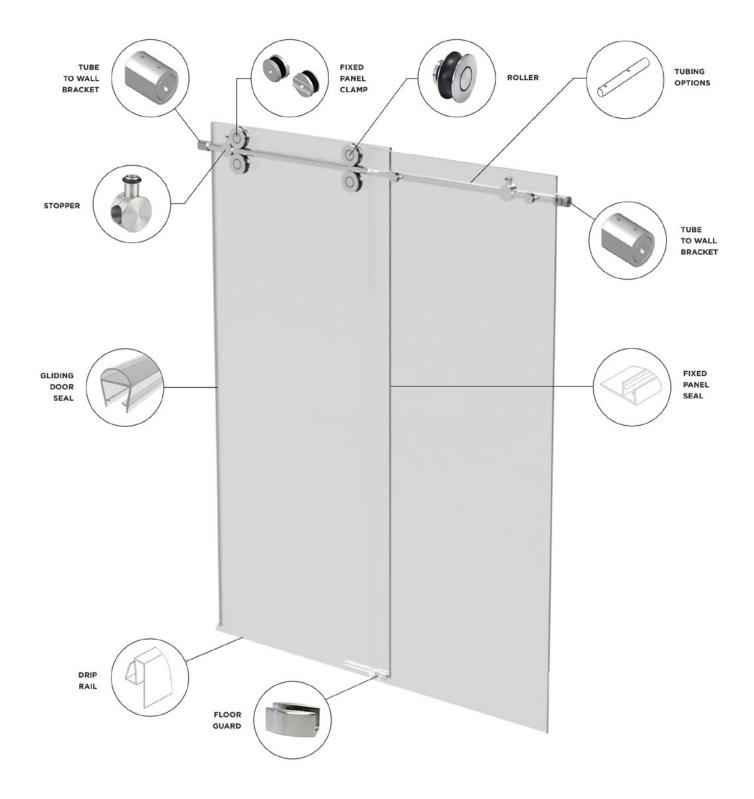


PRODUCT FEATURES

- Top Quality, High End Materials and Appearance
- .098" Heavy Walled SS Tubing
- Heavy-Duty 2 3/4" Japanese Ball Bearing Wheels provide ultrasmooth operation
- All necessary hardware included
- All necessary sweeps and seals included180lb weight capacity
- Accommodates 3/8" or 1/2" glass while maintaining 1-7/16" separation between the panels
- Fixed Panel can be mounted wall to wall or wall to side lite
- Available in polished stainless, brushed stainless, and oil rubbed bronze finish
- 304 stainless steel with electroplated finish
- Roller Wheels allow slight vertical adjustment

TRANQUILITY SYSTEM DIAGRAM

The Tranquility Gliding Shower Door System components can be ordered separately by individual kit / part number or as a complete system for 3/8" glass using part number C70-1100. All products are available in Polished Stainless, Brushed Stainless, and Oil Rubbed Bronze.





TRANQUILITY SHOWER HARDWARE SYSTEM KIT

The Tranquility Shower Hardware System Kit (C70-1200) is available in polished stainless, brushed stainless, and oil rubbed bronze. It includes the following products:



Fixed Panel Clamp Part # C70-2100

FINISHES: Polished Stainless, Brushed Stainless, and Oil Rubbed Bronze

FINISHES: Polished Stainless, Brushed

Stainless, and Oil Rubbed Bronze



Stopper Part # C70-2160



FINISHES: Polished Stainless, Brushed Stainless, and Oil Rubbed Bronze

Floor Guide

Part # C70-2162



Tube to Wall Bracket Part # C70-2101







FINISHES: Polished Stainless, Brushed Stainless, and Oil Rubbed Bronze



Roller Part # C70-2120



R.69

FINISHES: Polished Stainless, Brushed Stainless, and Oil Rubbed Bronze

TUBING OPTIONS



Tubing Size: 6.5" (2 meters) Undrilled

Part # C70-2145 FINISHES: Polished Stainless, Brushed Stainless, and Oil Rubbed Bronze



VINYL OPTIONS

Choose V70-1000 for 3/8" glass or V70-2000 for 1/2" glass. All three shapes below included.



Drip Rail





Fixed **Panel Seal**

OPTIONAL ITEMS



FINISHES: Polished Stainless, Brushed Stainless, and Oil Rubbed Bronze





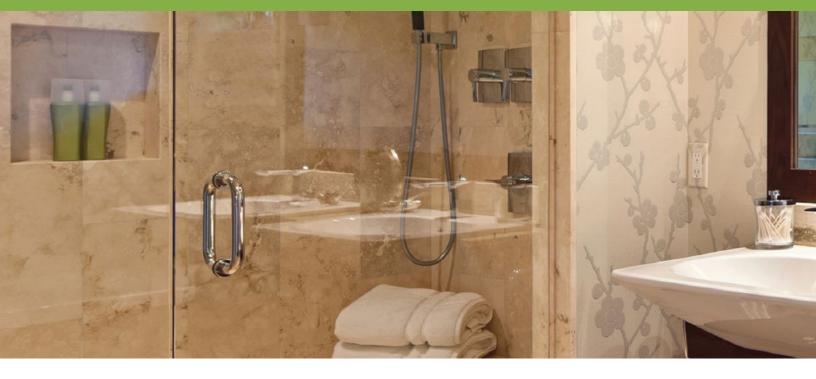
FINISHES: Polished Stainless, Brushed Stainless, and Oil Rubbed Bronze



.23'







FRAMELESS SHOWER PRODUCTS

Frameless shower hardware from Morse Industries accommodates the rigorous demand of today's luxury shower enclosure market. High quality hinges, clamps, towel bars, channels, pulls, headers, and accessories offer numerous design choices in the most popular finishes for glass thicknesses ranging from 1/4" to 1/2".

Morse industries hinges and clamps feature solid brass construction with internal pins, springs, and screws made from top quality 316 stainless steel.



PRODUCT FEATURES

- Solid Brass & Stainless Steel
- Self-Centering Hinges with reversible 5° pin
- Options for accommodating 1/4" – 1/2" glass
- Options to accommodate up to 36" / 140lb doors
- Finishes include Black, Bright Chrome, Brushed Nickel, and Oil Rubbed Bronze
- 3 Year Warranty
- Special Order Products Available
- Self-Adhesive Gaskets Available
- Standard, Heavy Duty, & Adjustable Hinges Available
- Square & Beveled Components Available
- Fabrication Templates & Hardware Included

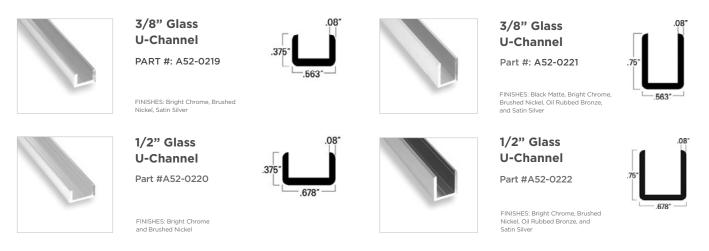


FRAMELESS SHOWER U-CHANNELS AND HEADERS

Capacity: 80lbs using two hinges or 120lbs using three hinges. Maximum door width: 28" using two hinges or 32" using three hinges. Solid brass construction. Morse Industries extruded shower channels, headers, and accessories allow frameless shower designs to be trimmed out with understated elegance. Channels are perfect for retaining fixed panels and glass returns, while aluminum headers provide added stability and are perfect for mounting pivot hinges.

SHOWER U-CHANNELS

U-Channels are typically used for fixed panel frameless shower systems. Available in black, polished bright chrome, clear anodized, brushed nickel and oil rubbed bronze finishes in 98" and 12 foot. Other finishes and lengths may also be available. 50 pieces per case, individually plastic sleeved for protection.



SHOWER HEADERS, INSERTS & ACCESSORIES

Both header and snap in filler insert are available in black, polished bright chrome, brushed nickel, and oil rubbed bronze. Header is available in 98". Snap in filler insert is available in 3' and 6' lengths. Other finishes and lengths may also be special ordered. Clear flexible vinyl insert is sold by the foot.



Shower Header Part #A42-7469

FINISHES: Bright Chrome, Brushed Nickel, and Oil Rubbed Bronze





56



Brass Mounts Part #B42-9796



Filler Insert Part #A42-7479

Snap In







L .50" —







ø ,

STANDARD HINGES

FOR 3/8" OR 1/2" GLASS

Capacity: 80lbs using two hinges or 120lbs using three hinges. Solid brass construction with 316 stainless steel mechanisms and electroplated finish. Available in black, bright chrome, brushed nickel, and oil rubbed bronze. All standard hinges come with a 0° pin that is adjustable to 5° if desired.

Square Edge



Wall Mount Full **Back Plate** Part # C50-0004

FINISHES: Black, Bright Chrome Brushed Nickel, and Oil Rubbed Bronze

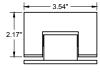
Wall Mount Offset

Back Plate

Part # C50-0005

FINISHES: Bright Chrome, Brushed

Nickel, and Oil Rubbed Bronze



3.54

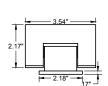
ര

0

0



Wall Mount Short **Back Plate** Part # C50-0010



FINISHES: Bright Chrome, Brushed Nickel, and Oil Rubbed Bronze



Mount 180° Part # C50-0006

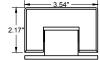
FINISHES: Bright Chrome, Brushed Nickel, and Oil Rubbed Bronze



Beveled Edge



Wall Mount **H-Back Plate** Part # C50-0001





Floor / Ceiling Mount **Pivot Hinge** Part # C50-0018

FINISHES: Bright Chrome, Brushed Nickel, and Oil Rubbed Bronze

Wall Mount **Offset Plate** with Insert

FINISHES: Bright Chrome, Brushed Nickel, and Oil Rubbed Bronze









Glass Mount 180° Part # C50-0003

FINISHES: Bright Chrome, Brushed Nickel, and Oil Rubbed Bronze



3 49'









Part # C50-0024











Oil Rubbed Bronze



Bright Chrome



Brushed Nickel





HEAVY DUTY HINGES

FOR 1/2" OR 3/8" GLASS

Capacity: 110lbs using two hinges or 140lbs using three hinges. Maximum door width: 36". Solid brass construction with 316 stainless steel mechanisms and electroplated finish. Available in black, bright chrome, brushed nickel, and oil rubbed bronze. All heavy duty hinges come with a 0° pin that is adjustable to 5° if desired. Fabrication template and installation hardware is included.

Square Edge



Beveled Edge



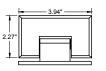
Wall Mount **H-Back Plate** Part # C50-0013

FINISHES: Bright Chrome, Brushed Nickel, and Oil Rubbed Bronze



Wall Mount **Offset Back Plate** Part # C50-0019







Wall Mount Full **Back Plate with** Self-Adhesive **Gasket and Inset**

Wall Mount

Part # C50-0014

OffsetBack Plate

FINISHES: Bright Chrome, Brushed

Wall Mount Full

Back Plate with

Gasket and Inset

FINISHES: Bright Chrome, Brushed

Wall Mount Full

FINISHES: Bright Chrome, Brushed Nickel, and Oil Rubbed Bronze

Back Plate

Part # C50-1011

Self-Adhesive

Part # C50-0021

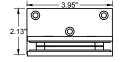
Nickel, and Oil Rubbed Bronze

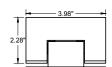
Nickel, and Oil Rubbed Bronze

Part # C50-0023

FINISHES: Bright Chrome, Brushed Nickel, and Oil Rubbed Bronze

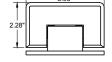
Wall Mount H-Back Plate 0° - 90° Adjustable Part # C50-1013

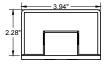






2.22"	
_,	









JUNIOR SIZED HINGES & CLAMPS

FOR 1/4" OR 5/16" GLASS

Capacity: 62lbs using two hinges or 92lbs using three hinges. Maximum door width: 28" using two hinges or 32" using three hinges. Solid brass construction with 316 stainless steel mechanisms and electroplated finish. Available in bright chrome, brushed nickel, and oil rubbed bronze. All junior sized hinges feature square edges and come with a 0° pin that is adjustable to 5° if desired. Fabrication template and installation hardware is included.





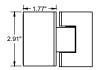
FINISHES: Bright Chrome, Brushed

Nickel, and Oil Rubbed Bronze





Glass Mount 180° Part # C50-0017



FINISHES: Bright Chrome, Brushed Nickel, and Oil Rubbed Bronz



Wall Mount **Offset Back** Plate Part # C50-0016

FINISHES: Bright Chrome, Brushed Nickel, and Oil Rubbed Bronze





GLASS TO GLASS CLAMPS

FOR 3/8" OR 1/2" GLASS

Made of solid brass in bright chrome, brushed nickel, or oil rubbed bronze electroplated finish. Fabrication template and/or installation hardware is included. Items with * can also be installed in a glass to wall configuration.

1 79



90° Hole In Glass * Part # C50-0035

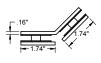


Nickel, and Oil Rubbed Bronze



135° Hole In Glass * Part # C50-0036

FINISHES: Bright Chrome, Brushed Nickel, and Oil Rubbed Bronze





0

180° Hole In Glass Part # C50-0037



FINISHES: Bright Chrome, Brushed Nickel, and Oil Rubbed Bronze

90° Sleeve **Over Glass** No Fabrication Required



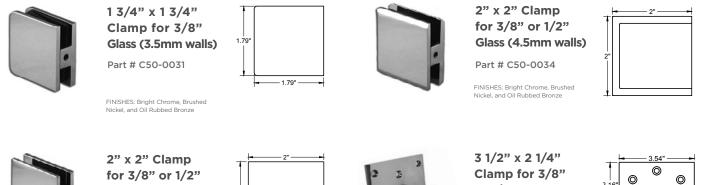




GLASS TO WALL CLAMPS / GLASS TO FLOOR CLAMPS

FOR 1/4" OR 1/2" GLASS

Made of solid 3.5mm or 4.5mm thick brass in black, bright chrome, brushed nickel, or oil rubbed bronze electroplated finish. Fabrication template and installation hardware is included.





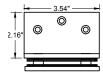
for 3/8" or 1/2" Glass (4.5mm walls) Part # C50-0033 FiNISHES: Black, Bright Chrome, Brushed Nickel, and Oli

Rubbed Bronze



S 1/2" X 2 1/4" Clamp for 3/8" or 1/2" Glass (4.5mm walls) Part # C50-0051

FINISHES: Bright Chrome, Brushed Nickel, and Oil Rubbed Bronze



PULLS, TOWEL BARS, & COMBINATIONS

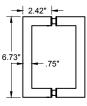
Morse Industries door pulls and towel bars are constructed of 1/2" stainless steel tubing (type 316) with electroplated finishes including black, bright chrome, brushed nickel, and oil rubbed bronze. All pulls and towel bars include plastic gaskets and bushings to prevent glass to metal contact.

Square Pulls

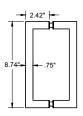


6" Back-to-Back Pull with removable washer

Part # C60-0066 FINISHES: Black, Bright Chrome, Brushed Nickel, and Oil Rubbed Bronze



8" Back-to-Back Pull with removable washer Part # C60-0056



Round Pulls



6" Back-to-Back Pull with removable washer Part # C60-0006

FINISHES: Bright Chrome, Brushed Nickel, and Oil Rubbed Bronze

Square Bars



18" Towel Bar Part # C60-0520

Round Bars



24" Towel Bar Part # C60-0021

FINISHES: Black, Bright Chrome, Brushed Nickel, and Oil Rubbed Bronze

Combination Bar & Pull



20" Combination-Towel Bar with 8" Pull Part # C60-0208

FINISHES: Bright Chrome, Brushed Nickel, and Oil Rubbed Bronze





8" Back-to-Back Pull with removable washer Part # C50-0008

FINISHES: Bright Chrome, Brushed Nickel, and Oil Rubbed Bronze





20" Towel Bar Part # C60-0023





WIPES & SEALS

Our wipes and seals are made from the highest quality polycarbonate, silicone, and/or vinyl for superior clarity and durability.



Bottom Wipe with Drip Rail for 3/8" Glass Part # V11-0020

98" Co-Extruded



98" Co-Extruded **Bottom Wipe** with Drip Rail for 1/2" Glass Part # V11-0021



3/8" Glass Part # V11-0050

Clear Seal for



Y Jamb Seal with Soft Leg for 1/2" Glass

Part # V11-0080



One-piece Bottom **Rail with Clear Wipe** for 3/8" Glass





L Angle Jamb Seal for 1/4" - 1/2" Glass Part # V11-0040



Clear U-Channel with 1-3/4" Fin for 3/8" Glass

Part # V11-0074



98" Clear Silicon **Bulb Seal for** 3/16" Gap Part # V11-0055



98" Clear Vinyl **Double Fin Seal** with 5/16" **Applied Tape**

Part # V11-0060



Seal and Wipe for 3/8" Glass Part # V11-0078



Y Jamb Seal with Soft Leg for 3/8" Glass Part # V11-0085

ſ	ᡝ
1	F

Vinyl Header Insert for 3/8" Clear Part # V11-0030



Clear U-Channel with 1-1/8" Fin for 3/8" Glass

Part # V11-0072

ARCHITECTURAL EXTRUSIONS

Morse Industries extrusions are made from 6063 or 6463 alloy and are commonly available in the most popular finishes such as bright chrome anodized, brushed nickel anodized, satin anodized, and oil rubbed bronze anodized. Our extrusions are designed with top notch appearance and ease of installation in mind. Custom dimensions and finishes are also available. Ask us for details.



PRODUCT FEATURES

- 6000 series alloy
- Top-quality finishes available
- Designed with the installer in mind



- Used in a variety of glazing
- and non-glazing applicationsWide selection of wall or wall to side lite
- Custom shapes available
- Custom finishing available
- Custom Fabrication available

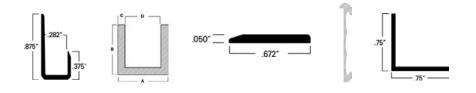


CUSTOM DESIGN & MANUFACTURING CAPABILITIES

Morse Industries offers in-house design, engineering, and manufacturing services for your custom extrusions. Contact us today to discuss your needs. **800.325.7513**.



Designed with top notch appearance and ease of installation in mind.



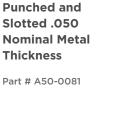
J-MOLDINGS

Available in both deep and shallow, punched and slotted. Finishes include bright chrome, brushed nickel, satin anodized and oil rubbed bronze in 12' lengths. 50 pieces per case; individually plastic sleeved for protection.

PREMIUM J-CHANNEL

Premium J-Channel is designed to look great and make installation of 1/4" glass easy. The slight jog in the back of the channel holds the mirror backing away from the screw to prevent scratches. Matching Mirror Images Angle and Flat Bar are also available.



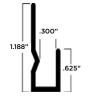


MIRROR MAGES Matching Mirror Images, Angles and Flat Bar are available





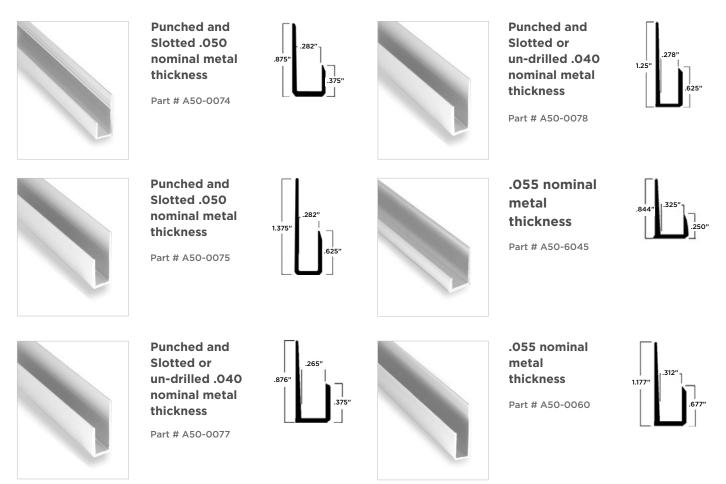
Part # A50-0080



MIRROR MAGES Matching Mirror Images, Angles and Flat Bar are available

STANDARD J-CHANNEL

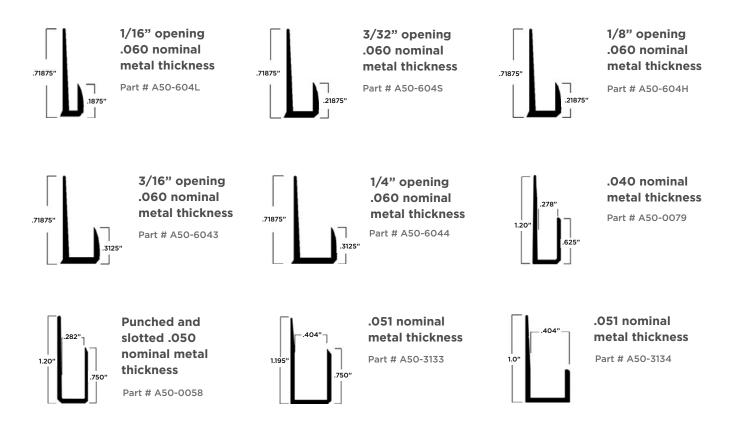
Standard J-Channel matches great looks and high quality with incredible value. Designed for 1/4" mirror and available in several thicknesses and sizes, you're sure to find the best channel for your job.



J-MOLDINGS

MULTI-USE J-CHANNEL

The j-channels below are available as a special order in mill-run quantities only. If you don't see the size you're looking for ask us. Morse Industries is your manufacturing partner for multi-use j-channel.



DIVIDER BAR FOR MIRRORS

Divider bar for 1/4" mirrors is available in 12' lengths in bright chrome finish or 8' lengths in satin silver finish.



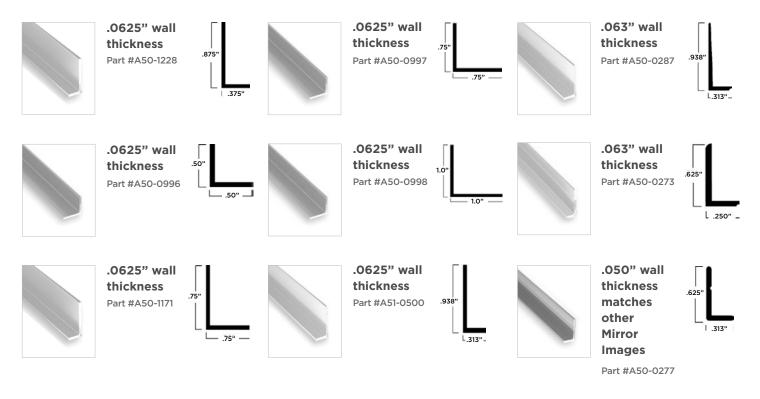


ANGLES

Angles are made from 6063 and 6463 alloy and are stocked in the most popular finishes which may include bright chrome anodized, brushed nickel anodized, brushed stainless anodized, an oil rubbed bronze anodized. Stock lengths and available finishes vary by part number.

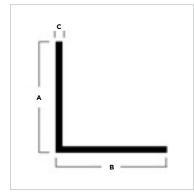
ARCHITECTURAL ANGLES

Available in a variety of finishes and lengths. Most products 50 pieces per case, individually plastic sleeved for protection.



COMMERCIAL ANGLES

Typically available in satin anodized finish, 20' stock lengths. Product comes 12 pieces per case, individually plastic sleeved for protection.



Part #	А	В	с
A40-1185	.75"	.75"	.125"
A40-1187	1.0"	1.0"	.125"
A40-1163	1.5"	1.5"	.125"
A40-1202	2.0"	2.0"	.125"

U-CHANNELS

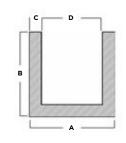
Morse Industries is a top supplier of both Architectural and Commercial U-Channels in various finishes. U-Channels are made using 6063 or 6463 alloy and are designed for glass thicknesses between 1/4" and 1/2".

ARCHITECTURAL CHANNELS

Please inquire regarding available finishes and lengths. 50 pieces per case, individually plastic sleeved for protection.



Part #	А	В	С	D
A50-0235	.375"	.375"	.063"	.25"
A50-8525	.625"	.562"	.063"	.50"

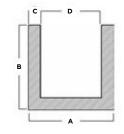


COMMERCIAL CHANNELS

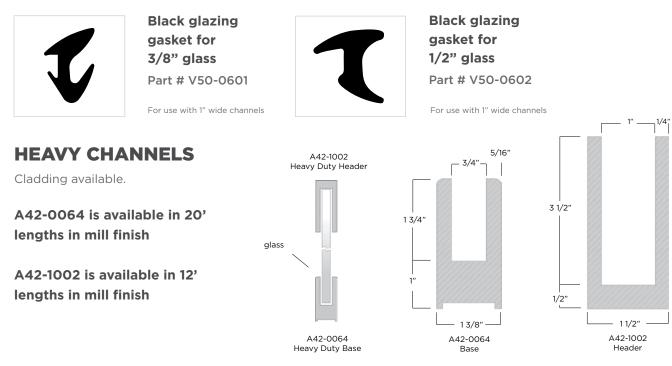
Finishes available may include bright chrome, brushed stainless, clear satin, and oil rubbed bronze in 20' lengths, 12 pieces per case, individually plastic sleeved for protection.



Part #	А	в	с	D
A40-0243	.75"	.75"	.125"	.50"
A40-1100	.75"	1.0"	.125"	.50"
A40-1007	.75"	1.5"	.125"	.50"
A40-1101	1.0"	1.0"	.125"	.75"
A40-1306	1.0"	1.5"	.125"	.75"
A40-1402	1.0"	2.0"	.125"	.75"



GLAZING GASKETS





FLAT BAR

Morse Industries offers a selection of the most popular flat bars for trimming out your installation. Stocked finishes typically include satin silver and bright chrome anodized. Two-sided, self-adhesive tape available by request.

MIRROR IMAGES FLAT BAR

Available in 12' lengths, 75 pieces per case. Individually plastic sleeved for protection. Matches Mirror Images Channels, Angles and Dividers.





FLAT BAR WITH BEVELED EDGE

Available in 12' lengths, 100 pieces per case. Individually plastic sleeved for protection.



Flat Bar with **Beveled Edge** Part # A52-0176



ARCHITECTURAL FLAT BAR

Available in 12' lengths, 30 pieces per case. Individually plastic sleeved for protection. Also available with two way self adhesive tape for superior bonding.



Architectural	в	Part #	А	в
Flat Bar	└─── Ă ────┘	A50-0015	1.5"	.0625"
Part # A50-0015				

COMMERCIAL FLAT BAR

Available in 16' lengths, 30 pieces per case. Individually plastic sleeved for protection.



Flat Bar with
Beveled Edge
Part # A40-0808

Part # A40-0796

	Part #	А
A	A40-0808	1.0"

A40-0808	1.0"	.125"
A40-0796	1.5"	.125"

в

PRICE TAG MOLDINGS

The fixture and display industry relies on our price tag molding for a variety of shelves, end caps, and displays. Available in both aluminum and vinyl with, or without pre-drilled and countersunk holes and in a variety of colors and finishes.

ALUMINUM PRICE TAG MOLDING

Available in drilled and countersunk for #8 screws on 6" centers or undrilled. Typical stock finishes are satin silver, black, or mill finish. 12' lengths are individually plastic sleeved and packaged in cases of 50. Custom lengths, finishes and fabrication may be available. Ask us.



Aluminum Price Tag Molding Part # A50-0154

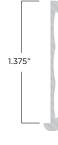


VINYL PRICE TAG MOLDING

Vinyl price tag molding is available by special order only in mill run quantities. A variety of lengths,



Vinyl Price Tag Molding for 1 1/4" tag Part # V25-7865



V25-7865 For 1 1/4" tags





CUSTOM CAPABILITIES

Morse Industries provides a total solution for your extrusion, Railing Components, Shower Hardware, and/or Cast Stainless needs. Morse makes thousands of special order items available to you through our worldwide network. If we can't special order the product you are looking for, we help you take advantage of the global marketplace by facilitating the design, engineering, and manufacturing of your custom product.



As a manufacturer of marker boards, chalk boards, shower doors and mirrors, we are always looking for innovative solutions for our design needs. Morse Industries is very responsive in providing these solutions from the creation of our custom dies through delivery of our finished extrusions.

Venus Manufacturing venusmfg.com

ALUMINUM EXTRUSIONS

Our goal is to give our customers a feel for what is required to have a custom profile produced. Lead times must be calculated after all factors are considered.

Alloys - The most common alloys are in the 6000 series. Common tempers include T1, T4, T5, T6, and T832.

Finishes - We offer a variety of finishes including Anodized, Anodized and bright dip, Two Step hard coat anodized, Color Tinting, Electro-Static Wet Paint, Powder Coat, Mill Finish (as extruded), Buffing, Brushing, Texturing. Many of these finishes are available in stock colors or can be custom matched to the color of your choice. Anodized clear and bright dip.

Fabrication - Cutting to length, Drill and Countersink, Punch and slot, drill and tap, notching, mitered cuts, stamping, etc.





CAST STAINLESS STEEL

Alloys - The most common alloys are type 304 and type 316. Low carbon versions are also available to reduce slag when welding.

Dies Creation/Casting - Most stainless steel cast items are made using the "lost wax" process. A mold is created to form a wax replica of your item. That wax is then encased in sand. When molten stainless steel is poured in, the wax is melted and your stainless steel item remains.

Finishing - Cast stainless steel items are typically polished to a mirror finish. Other finishes, including paint or powder coating may also be available upon request.

Fabrication/Assembly - If your cast item requires further fabrication or assembly, Morse Industries can provide you solutions for that as well.

SHOWER HARDWARE

If you have an existing piece of shower hardware or an idea for a new piece, we can help you obtain it at an excellent cost while insuring top quality standards are met Morse Industries can source or manufacture hinges, clamps, pulls, towel bars, etc. Ask us how we can provide a solution for your individual needs.





RAILING COMPONENTS & HARDWARE

You've come to rely on Morse Industries to supply the best Glass Railing Systems and Stainless Steel Railing components in the industry. We pride ourselves in offering great prices without sacrificing the high quality of our products. If you are looking for railing components that Morse Industries doesn't stock, ask us about our special order and custom manufacturing capabilities. We can offer you a tremendous selection of items beyond those which we typically stock.

PACKAGING

We will work with you to insure that your custom item is packaged to your specifications and to avoid the vast majority of possible shipping damage. Common packaging options include: cardboard cartons or tubes, individual poly sleeves, paper interleaves, spiral wrap (carton or pallet), heat-shrink wrap and more.





LEAD TIMES

As can be expected of any custom or special order item, lead times may be significant. It's important to consider that your item may require significant time for design / engineering, die or mold creation, production, fabrication, and transportation. Our sales and customer service staff will always be up front about the time your project is expected to take. We will also update you frequently so you are aware of any updated timelines or challenges.



SLIDE TRACK SYSTEMS

Slide track systems from Morse Industries provide an ideal solution for pass-through window or display case installation. There are a variety of solutions to meet your demands while satisfying your client's budget.



An ideal solution for passthrough window or display case installation.



PRODUCT FEATURES

- High quality Hardware
- Lightweight yet durable
- Minimal fabrication required
- Installation instructions available
- Three systems to choose from
- Double or Triple Bypass
- Designed for 1/4" Glass
- 15lbs capacity per wheel
- Three year warranty

SMART LOCK

Smart Lock is a European style lock system designed for use with 1/4" glass, acrylic or wood. It features a lock and clip that secures both doors to a slide track. The result is a safe, stable system with no rattling. Lock assembly can be installed for either right or left hand use and can be ordered in sets: keyed alike or mixed key. Installation can be completed in five easy steps... clean and quick.



Place glass in shoe and fit finger pull on end.



Fit plunger lock on end of second shoe section and secure with set



Drill a 1/4" hole in the back shoe for the plunger lock. Screw secure clip onto bottom track between back shoe and front shoe.



Slide rollers into shoe, secure with set screws and install end cap.



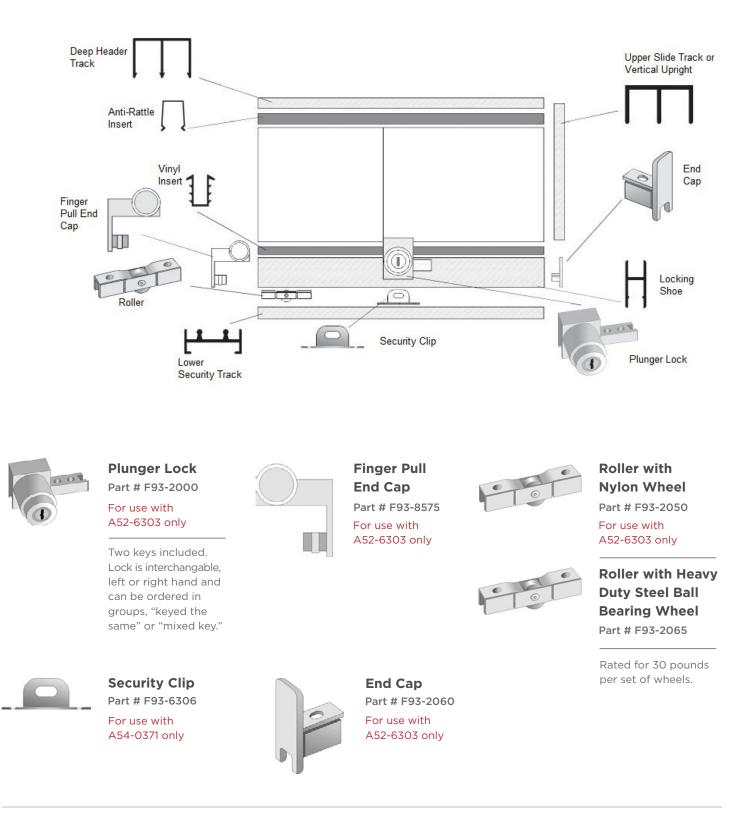
Attractive, simple and secure.



SMART LOCK

SMART LOCK SLIDE TRACK SYSTEM COMPONENTS

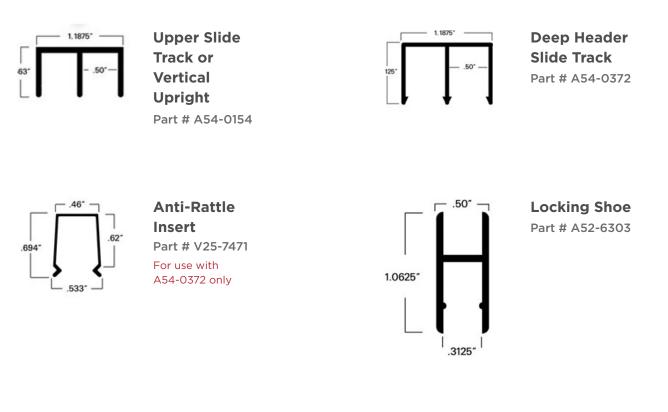
The lock mounts to the end of the shoe with no drilling and no need to notch the glass. The locking security clip prevents removal, while lock and end caps protect glass corners. Available in clear satin and oil rubbed bronze finishes in 12' lengths. Each part is sold separately.

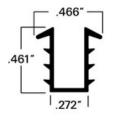


SMART LOCK

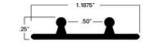
SMART LOCK SLIDE TRACK SYSTEM EXTRUSIONS

Available in clear satin and oil rubbed bronze finishes in 12' lengths. Each part is sold separately and most are individually sleeved.

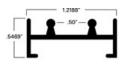




Vinyl Insert for Shoe 1/4" glass only Part # V25-2500



Lower Slide Track Part # A54-0063 Glass Deduction = 1.25"



Lower Security Track Part # A54-0371 Glass Deduction = 1.4375"



ECONOMY SYSTEM

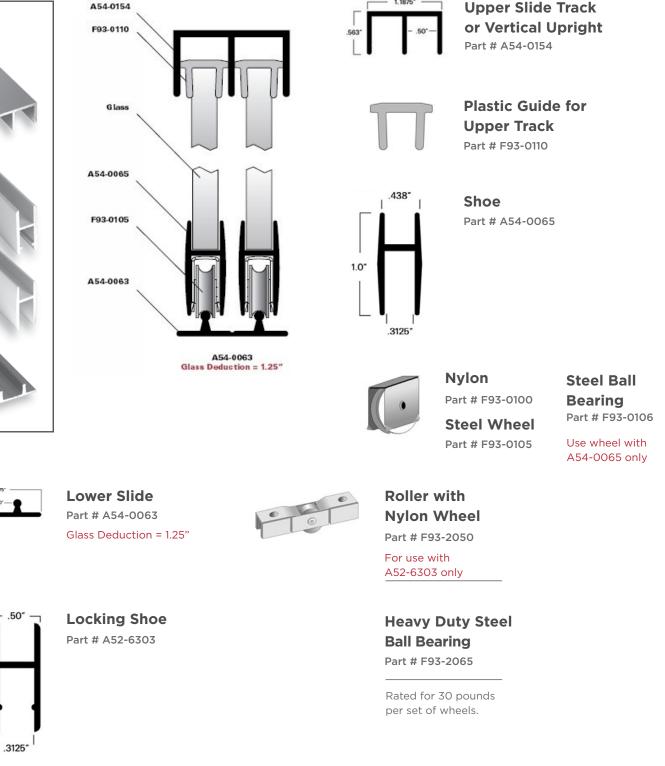
ECONOMY SLIDE TRACK SYSTEM COMPONENTS

Available in clear satin and oil rubbed bronze finishes in 12' lengths. Each part is sold separately and most products are individually plastic sleeved.

1,1875*



1.0625

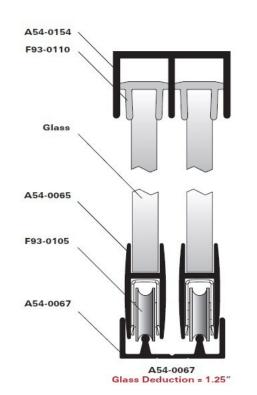


STANDARD SYSTEM

STANDARD SLIDE TRACK SYSTEM COMPONENTS

Available in clear satin and oil rubbed bronze finishes in 12' lengths. Each part is sold separately and most products are individually plastic sleeved.





1.1875*



Upper Slide Track or Vertical Upright Part # A54-0154

Deep Double

Part # A54-0256

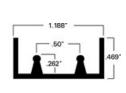
Channel

Plastic Guide for Upper Track Part # F93-0110

Shoe Part # A54-0065



Nylon Part # F93-0100 **Steel Wheel** Part # F93-0105 Steel Ball Bearing Part # F93-0106 Use wheel with A54-0065 only

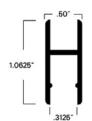


562

.3125

1.0*

Bottom Slide Track Part # A54-0067 Glass Deduction = 1.25"



Locking Shoe Part # A52-6303



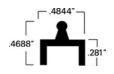
Roller with Nylon Wheel Part # F93-2050 For use with A52-6303 only

Heavy Duty Steel Ball Bearing Part # F93-2065

Rated for 30 pounds per set of wheels.

Add O Track Bypas Part # A

Add On Bottom Track for Triple Bypass System Part # A50-8525



Single Track Bottom Inserts Part # A52-0049 Glass Deduction = 1.4375"

If used with A50-8525

REFERENCE MATERIALS

- Terms and Conditions
- Shipping and Claims
- Shower Door Hinge Warranty
- Decimal and Equivalents
- Numerical Index

TERMS, CONDITIONS OF SALE AND LIMITED WARRANTY

- This Is Entire Agreement. This Invoice constitutes the entire agreement between Morse Industries ("Morse") and the Buyer, and it is a complete merger of all prior negotiations and agreements as to the products sold to Buyer by Morse listed on this Invoice. This In voice supersedes any prior or contemporaneous oral, written or implied agreements about the products listed on this Invoice.
- 2. Buyer's Acceptance of Terms. Buyer's acceptance of these Terms, Conditions of Sale and Limited Warranty (collectively, the "Terms") will be indicated by: (1) Accepting the products delivered, or (2) failing to notify Morse within three days of delivery of any objection to the Terms. Unless buyer explicitly rejects all Terms or explicitly objects to specific terms, any contrary term contained in any document submitted by Buyer shall not be construed as a rejection; and Buyer's acceptance of products or failure to notify Morse explicitly of such a rejection or objection shall constitute acceptance of the Terms by Buyer.
- 3. Warranty Covers Only Specified Intended Uses. Morse standard products are warranted for the intended uses specified in current Morse product descriptions, brochures and catalogs (including, but not limited to, catalogs for marine products and architectural products). Regularly stocked standard products not included in Morse product descriptions, brochures or catalogs are warranted only for normal uses of such products in the ordinary course. Morse products that are custom-made to Buyer's specifications are warranted only for the intended uses as specified in writing in the specification included with this Invoice. There is no warranty for unintended uses, or for products damaged by misuse, unreasonable or improper use, accident, improper installation or fabrication, unauthorized modifications or repairs, lack of proper cleaning or maintenance, normal wear and tear, or other causes not due solely to defects in materials or workmanship. Buyer warrants that it alone has selected the products to be furnished by Morse hereunder and stipulates that it is not relying on Morse's skill or judgment to select such products. Buyers of custom-made products additionally warrant that they alone have selected the products to be furnished by Morse hereunder and stipulate that they are not relying on Morse's skill or judgment to select such products.
- 4. Morse Limited Warranty.
 - a. Conformity with Specifications. Morse warrants that its standard products conform to the specifications included in current Morse product descriptions, brochures and catalogs (dimensions, materials and tested capacities) within industry-standard tolerances. As to custom-made products and standard or regularly stocked products altered by Morse at Buyer's direction, Morse warrants that such products also conform (within industry-standard tolerances) to the written specifications included with this Invoice.
 - b. Freedom from Defects. Further, Morse warrants that its products will be free from defects in materials and workmanship, under normal use and service, for a period of one year from the invoice date.
 - c. Warranty Applies Only to Buyer. This limited warranty applies only to the Buyer, not to any remote consumers or any other persons or entities other than the Buyer.

TERMS, CONDITIONS OF SALE AND LIMITED WARRANTY (continued)

- d. Sole Remedy is Replacement of Defective Product. Buyer's sole remedy under the limited warranty is replacement without charge of the defective product, as more fully detailed below. When the return of defective products is authorized by Morse, it will reim burse Buyer for the cost of standard shipping to return defective products to Morse, and it will ship replacement products to Buyer at Morse's expense. Any expenses involved in the removal or reinstallation of defective products are not covered by this warranty.
- e. "Morse Limited Warranty" Defined. The above provisions (sub-paragraphs a-d) are referred to hereafter as the "Morse Limited Warranty."

EXCEPT FOR THE MORSE LIMITED WARRANTY STATED ABOVE, MORSE MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES OR REPRESENTATIONS. THE MORSE LIMITED WARRANTY DOES NOT INCLUDE A WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND THE DURATION OF ANY SUCH WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE THAT MAY BE IMPOSED BY LAW SHALL BE THE SAME AS THE MORSE LIMITED WARRANTY AND TOTALLY EXCLUDED THEREAFTER. Some states in the United States do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may have other rights, which vary from state to state.

- 5. Morse Limited Warranty Excludes Consequential Damages. THE REPLACEMENT OF DEFECTIVE PRODUCTS, AS DETAILED BELOW, SHALL BE THE SOLE REMEDY FOR THE BUYER AND THE SOLE LIABILITY OF MORSE FOR ANY BREACH OF WARRANTY. UNDER ALL CIRCUMSTANCES, MORSE SHALL NOT BE LIABLE FOR THE LOSS OF TIME, LOSS OF USE, COSTS TO REMOVE OR REPLACE PRODUCTS, EXPEDITED SHIPPING COSTS, INCONVENIENCE OR OTHER INCIDENTAL, CONSEQUENTIAL OR INDIRECT DAMAGES, INCLUDING, BUT NOT LIMITED TO, LOSS OR DAMAGE TO OTHER PERSONAL PROPERTY OR LOSS OF REVENUE, ALLEGEDLY CAUSED BY A DEFECTIVE MORSE PRODUCT. Some states in the United States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. The Morse Limited Warranty gives you specific legal rights, and you may also have other rights that vary from state to state.
- 6. Replacement Products Covered for Balance of One-Year Warranty Period. If allegedly defective products are returned to Morse and replaced under the Morse Limited Warranty, they shall become the property of Morse. The replacement of products will not extend the term of the warranty, but the replaced product will be covered for the balance of the original warranty period.
- 7. Any Product Return Must Have Prior Return Authorization.
 - a. Non-Defective Products: Morse will accept returns of standard, non-defective products only in "as originally shipped" condition. Morse will not accept returns of non-defective products that are custom-made, altered by Morse to Buyer's specifications, altered by Buyer, or not currently stocked by Morse. Such returns require a return merchandise authorization and are subject to a 20% re-stocking charge; otherwise, the returned products will be re-shipped to the Buyer at the Buyer's expense.
 - b. Defective Products: Credit for defective products will not be issued without Morse's return authorization. To obtain authorization, return requests must be mailed, faxed or e-mailed to our offices, and they must include an itemized list of products to be returned, the reasons for return, and the date and number of the Morse invoice.
- 8. No Duty to Upgrade. Morse reserves the right to improve its products through changes in design, materials or manufacturing processes, without being obligated to incorporate such changes in products previously manufactured by it, or to notify Buyers or subsequent users of its previously manufactured products of such later changes.
- 9. Warranty Dispute Procedures. Any court action concerning the Terms, including, but not limited to, the Morse Limited Warranty, must be filed in the courts located in King County, Washington, the laws of which (excluding its choice of law rules) shall be applied to any claim arising under the Terms, including, but not limited to, the Morse Limited Warranty. Should the court determine that Morse was the substantially prevailing party, Buyer agrees to reimburse Morse for its reasonable expenses, including attorneys' and experts' fees, incurred in defending against Buyer's claims.



3 YEAR WARRANTY • FRAMELESS SHOWER HINGES

Morse Industries warrants that for a period of three (3) years following the date of sale to Morse Industries customer, our frameless shower door hinges are warranted against material defects and defects in workmanship. All warranty claims are subject to inspection by Morse Industries prior to providing a remedy for the warranty claim.

This warranty will not apply if after inspection by Morse Industries, it is determined that the shower door hinges have been installed and/or maintained in a manner that is not in conformity with the instructions and guidelines set forth by Morse Industries for proper installation and maintenance.

Morse Industries responsibility to provide a remedy under this warranty shall be limited to either a refund of the purchase price, or to provide a replacement of a shower hinge. The refund or replacement shall constitute the limit of Morse Industries liability and obligation for any material defect or defect in workmanship in a shower door hinge.

This Warranty is exclusive, and Morse Industries makes no other warranty, express or implied, including without limitation, any implied warranty or merchantability or fitness for a particular purpose. In no event shall Morse Industries be liable under any legal theory (including but not limited to contract, negligence, strict liability in tort, or warranty of any kind) for any indirect, special, incidental, consequential, or exemplary damages (including but not limited to lost profits).

1 YEAR WARRANTY • TRANQUILITY & HARMONY GLIDING DOOR KITS & HARDWARE

Morse Industries warrants that for a period of one (1) year following the date of sale to Morse Industries customer, our Tranquility or Harmony Gliding Shower Door Kits and Hardware are warranted against material defects and defects in workmanship. All warranty claims are subject to inspection by Morse Industries prior to providing a remedy for the warranty claim.

This warranty will not apply if after inspection by Morse Industries, it is determined that the Tranquility Gliding Shower Door Kits and/or Hardware have been installed and/or maintained in a manner that is not in conformity with the instructions and guidelines set forth by Morse Industries for proper installation and maintenance.

Morse Industries responsibility to provide a remedy under this warranty shall be limited to either a refund of the purchase price, or to provide a replacement of a Tranquility or Harmony Gliding Shower Door Kit or Hardware. The refund or replacement shall constitute the limit of Morse Industries liability and obligation for any material defect or defect in workmanship.

This Warranty is exclusive, and Morse Industries makes no other warranty, express or implied, including without limitation, any implied warranty or merchantability or fitness for a particular purpose. In no event shall Morse Industries be liable under any legal theory (including but not limited to contract, negligence, strict liability in tort, or warranty of any kind) for any indirect, special, incidental, consequential, or exemplary damages (including but not limited to lost profits).

SHIPPING & CLAIMS

Getting orders to our customers on time is a high priority at Morse Industries. We inspect all products and packaging to ensure orders reach customers in good condition. Please provide specific shipping instructions at the time of order. Without specific shipping instructions, Morse Industries will choose what we believe is the best route of transportation.

Shipping Damage or Loss:

After the carrier assumes the product from Morse Industries, we are not responsible for any damage, delay or loss of the product. The carrier is responsible for any shipment damage, delay or loss in transit. Please inspect your shipments carefully at the time of delivery. If damage or shortage is visible, note such on the carrier delivery receipt and have the driver sign the receipt. Morse Industries will assist customers with the tracking of shipments and investigating reasons for damage or loss of product, but will assume no responsibility for said damage or loss.

Concealed Damage:

In the event of concealed damage or loss, contact the carrier in writing within 10 days of receipt of the product and request an inspection. Retain the container and all packing material for the carrier's inspection.

Shortages and Mis-Shipments:

Report all shortages or mis-ships to Morse Industries within 7 days after receipt of the product. Approval from Morse Industries must be secured prior to returning any merchandise for credit.

Returns:

Morse Industries requires an RMA approval for all returns and a 20% restocking fee is assessed. Special order items are nonreturnable. All returns must be returned to Morse Industries in original condition within 30 days after approval in accordance to our shipping instructions.

Minimums:

There is a minimum order charge of \$200 and truck deliveries are subject to our delivery schedule.

Terms:

Normal terms of net 30 days are granted to customers meeting our credit requirements. If you are interested in securing credit terms, please contact Morse Industries for a credit application. We will gladly ship products C.O.D. but we also accept Visa or Mastercard. (Small convenience fee applies).

Prices:

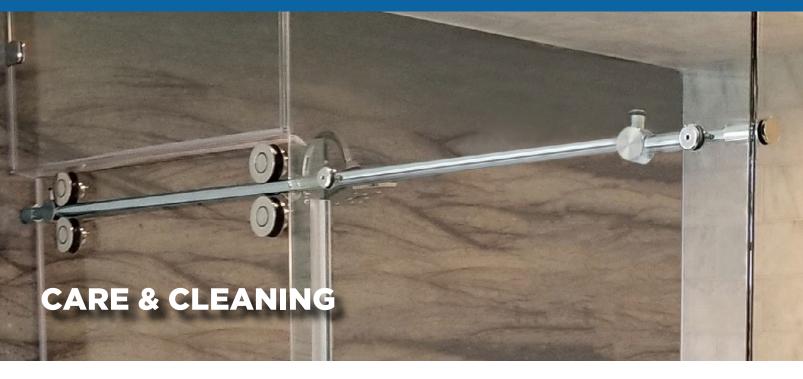
Prices are subject to change without notification. Please confirm current pricing when placing your order.

SHIPPING & CLAIMS

Custom and special order items may require significant lead times and shipping delivery timeframes. It's important to consider that your item may require time for design / engineering, die or mold creation, production, fabrication, and transportation. Speak with our sales and customer service staff to organize and plan the optimal delivery schedule for your personalized needs.







CARE & CLEANING - SHOWER HARDWARE AND ANODIZED EXTRUSIONS

Morse Industries hardware and extrusions will remain as beautiful as they are on day one for years to come, as long as proper maintenance is performed. Failure to adhere to the following maintenance guidelines and suggestions could result in premature product failure or deterioration.



WIPE DOWN AFTER USE

Hardware should be wiped down after every use. Dry wet hardware & extrusions with a soft dry cloth. Drying hardware will prevent the collection of mineral deposits which might require the use of soap to remove.

CLEAN WITH MILD SOAP

In the event that the hardware collects mineral deposits, perform a weekly cleaning. Use a mixture of warm water and soap to clean hardware & extrusions. Create a cleaning solution by mixing a couple drops of liquid soap with warm water. Use a soft cloth to clean the hardware. Rinse thoroughly with clean warm water. Dry thoroughly with dry cloth.





DO NOT USE ABRASIVES

WARNING: Avoid the use of abrasive cleanser, pads, or brushes of any kind. This will cause permanent damage to the lacquer coating of the components. Avoid exposing hardware or extrusions to any strong or abrasive chemicals or scrubbing device

SHOWER HARDWARE GLASS RAILINGS ALUMINUM EXTRUSIONS

IUTORIALS & RESOURCES

TUTORIALS & RESOURCES

We offer a variety of product information, helpful tutorials, and resources to educate you for your next project. View our extensive library of materials online @ www.morseindustries.com.

TUTORIALS

Morse Industries takes pride in supporting the installation of our products. We are constantly updating our video tutorials and installation instructions. Visit us online for up to date installation information or to send us any questions you have @ www.morseindustries.com





PRODUCT LITERATURE

You've come to rely on Morse Industries as your partner for the best systems and components in the industry. We have current product literature to support all of our major products families. Morse Industries can also partner with you to create literature with co-branding or to support your customers and clients.

Call us to discuss your needs. 800.325.7513.

GALLERIES

Morse Industries recognizes the importance of providing our customers and prospects with high-quality images of completed projects. We also love the opportunity to highlight the incredible work our installation clients perform. Browse our gallery of project images for inspiration and send us photos of your completed installation. www.morseindustries.com/resources/galleries





REFERENCE MATERIALS

US STANDARD & METRIC EQUIVALENTS

Fraction (inches)	Decimal	Millimeters (mm)	Fraction (inches)	Decimal	Millimeters (mm)
	(inches)			(inches)	
1/64	.015625	0.39687	33/64	.515625	13.09671
1/32	.03125	0.79374	17/32	.53123	13.49362
3/64	.046875	1.19061	35/64	.546875	13.89045
1/16	.0625	1.58748	9/16	.5625	14.28737
5/64	.078125	1.98435	37/64	.578125	14.68419
3/32	.09375	2.38123	19/32	.59375	15.08111
7/64	.109375	2.77809	39/64	.609375	15.47793
1/8	.125	3.17497	5/8	.625	15.87485
9/64	.140625	3.57183	41/64	.640625	16.27167
5/32	.15625	3.96871	21/32	.65625	16.66859
11/64	.171875	4.36557	43/64	.671875	17.06541
3/16	.1875	4.76245	11/16	.6875	17.46234
13/64	.203125	5.15931	45/64	.703125	17.85915
7/32	.21875	5.55620	23/32	.71875	18.25608
15/64	.234375	5.95305	47/64	.734375	18.65289
1/4	.25	6.34994	3/4	.750	19.04982
17/64	.265625	6.74679	49/64	.765645	19.44663
9/32	.28125	7.14368	25/32	.78125	19.84356
19/64	.296875	7.54053	51/64	.796875	20.24037
5/16	.3125	7.93743	13/16	.8125	20.63731
21/64	.328125	8.33427	53/64	.828125	21.03411
11/32	.34375	8.73117	27/32	.84375	21.43105
23/64	.359375	9.12801	55/64	.859375	21.82785
3/8	.375	9.52491	7/8	.875	22.22479
25/64	.390625	9.92175	57/64	.890625	22.62159
13/32	.40625	10.31865	29/32	.90625	23.01853
27/64	.421895	10.71549	59/64	.921875	23.41533
7/16	.4375	11.11240	15/16	.9375	23.81228
29/64	.453125	11.50923	61/64	.953125	24.20907
15/32	.46875	11.90614	31/32	.96875	24.60602
31/64	.484375	12.30297	63/64	.984375	25.00281
1/2	.5	12.69988	1	1.0	25.39977

Foot	Meter
2	.60960
4	1.21920
6	1.82880
8	2.43840
10	3.04800

	Foot	Meter	
	12	3.65760	
	14	4.26720	
	16	4.87680	
	18	5.48640	
	20	6.09600	

NUMERICAL INDEX

Part Number	Page #	Part Number	Page #	Part Number	Page #
A40-0243	25	A52-0049	35	C60-0056	18
A40-0796	26	A52-0176	26	C60-0066	18
A40-0808	26	A52-0219	14	C60-0208	19
A40-1007	25	A52-0220	14	C60-0520	19
A40-1100	25	A52-0221	14	C70-1100	11
A40-1101	25	A52-0222	14	C70-1200	12
A40-1163	24	A52-6303	33, 34, 35	C70-2100	12
A40-1185	24	A54-0063	33, 34	C70-2101	12
A40-1187	24	A54-0065	35	C70-2102	12
A40-1202	24	A54-0067	35	C70-2103	12
A40-1306	25	A54-0154	33, 34, 35	C70-2120	12
A40-1402	25	A54-0256	35	C70-2145	12
A42-0064	25	A54-0371	33	C70-2160	12
A42-1002	25	A54-0372	33	C70-2161	12
A42-7469	14	B42-11684	15	C70-2162	12
A42-7479	14	B42-9796	14	C70-2163	12
A50-0010	26	B42-9799	14	C70-4200	8
A50-0015	26	C50-0001	15	F93-0100	34, 35
A50-0058	23	C50-0003	15	F93-0105	34,35
A50-0060	23	C50-0004	15	F93-0106	34, 35
A50-0060	22	C50-0005	15	F93-0110	34, 35
A50-0074	23	C50-0006	15	F93-2000	32
A50-0074 A50-0075	22	C50-0010	15	F93-2050	32, 34, 35
A50-0073	22	C50-0011	16	F93-2060	32
A50-0077	22	C50-0012	16	F93-2065	32, 34, 35
	22	C50-0013	16	F93-6306	32
A50-0079	23	C50-0014	16	F93-8575	32
A50-0080	22	C50-0015	17	V11-0020	20
A50-0081		C50-0016	17	V11-0021	20
A50-0154 A50-0235	27 25	C50-0017	17	V11-0025	20
		C50-0018	15	V11-0030	14, 20
A50-0273	24	C50-0019	16	V11-0040	20
A50-0277	24	C50-0021	16	V11-0050	20
A50-0287	24	C50-0023	16	V11-0055	20
A50-0996	24	C50-0024	15	V11-0060	20
A50-0997	24	C50-0031	18	V11-0072	20
A50-0998	24 24	C50-0033	18	V11-0074	20
A50-1171 A50-1228	24	C50-0034	18	V11-0078	20
		C50-0035	17	V11-0080	20
A50-3133 A50-3134	23	C50-0036	17	V11-0085	20
	23	C50-0037	17	V25-2500	33
A50-6043	23	C50-0038	17	V25-7471	33
A50-6044	23	C50-0051	18	V25-7865	27
A50-6045	22	C50-0106	16	V50-0601	25
A50-604H	23	C50-1011	16	V50-0602	25
A50-604L	23	C50-1013 C60-0006	16 19	V70-1000	12
A51-0500	22	C60-0008	19	V70-2000	12
A50-604S	23	C60-0021	19		
A50-8525	25, 35	C60-0023	19		
A51-0500	24	200 0023			

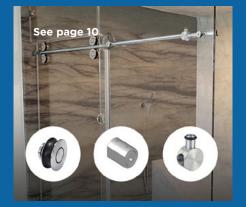


MORSE ARCHITECTURAL PRODUCTS

Since 1982, Morse Industries has provided industry professionals with top-quality architectural products. In 2018, Morse Industries was acquired by M-D Building Products. This acquisition will allow Morse Industries to expand its inventory and manufacturing capabilities to better serve their customers.



HARMONY GLIDING SHOWER DOOR SYSTEM



TRANQUILITY GLIDING SHOWER DOOR SYSTEM



FRAMELESS SHOWER PRODUCTS



Ask About Our Railing Products Catalog





See Us Online @ morseindustries.com

Call us @ 800.325.7513 Online @ www.morseindustries.com



WORKING SOLUTIONS IN RAILING, SHOWER & ARCHITECTURAL METALS • SINCE 1982

SEATTLE, WA

LOS ANGELES, CA

OKLAHOMA CITY, OK

WEST COLUMBIA, SC

© Copyright 2019 • Morse Industries • All Rights Reserved