



KROWN LAB

iconic hardware crafted in Portland, Oregon



KROWN LAB



Timeless, iconic product solutions.

Krown Lab is a Portland, Oregon based design company creating and manufacturing timeless products for commercial and residential spaces. Our deliberate, and thorough creative process results in elegant solutions with an iconic functionality. Our three distinctive sliding door hardware systems feature exposed bearings, and celebrate the inherent beauty of raw materials.

Sliding Door Hardware



Creators & Makers

Product Philosophy

KROWN LAB

The craft of 503

Krown Lab was founded and is based in Portland, Oregon. We thrive on the entrepreneurial spirit of the city. With a shared emphasis on quality over quantity, Portland provides the perfect back drop for our growing company. Harnessing the vibrant community of craftsmen, engineers, and fabricators in the area, we ensure a high level of quality control and a means for efficient and accurate product creation.

Sourcing products within the region supports the local economy, forges close-knit working relationships with outside partners, and provides a strong foundation for our business. In an increasingly digital and virtual world where products can be created remotely, we prefer to have a strong physical connection to the products we make throughout the creative process.

Creating icons

Krown Lab is a company with deep roots in design. Our team is made up of a cross functional group of designers and engineers, rich in experience in bringing products to market that stand the test of time. Our collective experience allows us multiple reference points and unique perspectives on product development.

We invest heavily in design and innovation. We are interested in the long term, in timeless and simplicity, and in getting it right the first time. A strive for simplicity and a belief that less really is more is at the core of every Krown Lab creation. All our products have been distilled to their essence, with every detail of every part justified. The products we create are held to the highest quality standards - our own. We ultimately believe in only making products that we are proud to own and use ourselves.





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KROWN LAB



Vanillawood
Portland, Oregon



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Stewart residence
Victoria, B.C.





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WGS Planned Interiors & Design
Portland, Oregon





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Berger residence
Laguna Beach, California



Sliding Door Hardware



Product Matrix

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		BALDUR	ODEN	ROB ROY
Size	6 (70" track length)	○	○	○
	8 (94" track length)	○	○	○
	Custom	○	○	○

Finish	Stainless- linear brushed finish	○	○	○
	GunMetal -linear brushed finish			○
	Stainless - polished finish	○		

Configuration	Top Mount	○	○	○
	Face Mount			○
	Compact Top Mount	coming soon	coming soon	○
	Compact Face Mount	coming soon	coming soon	○
	Glass	coming soon	coming soon	○
	By-passing	○	○	

Bearing Options	Upgrade (stainless steel)			○
	Exposed	○	○	○
	Sealed		○	

Panel	Top Mount thickness max	3"	3"	3"
	Face Mount wood thickness max	N/A	N/A	1-1/2"
	Face Mount glass thickness max	N/A	N/A	3/4"
	Top Mount panel weight max	300 lbs	300 lbs	150 lbs
	Face Mount panel weight max	N/A	N/A	150 lbs

BALDUR

Bal·der | bôldær |

God of Norse mythology associated with light, and beauty.



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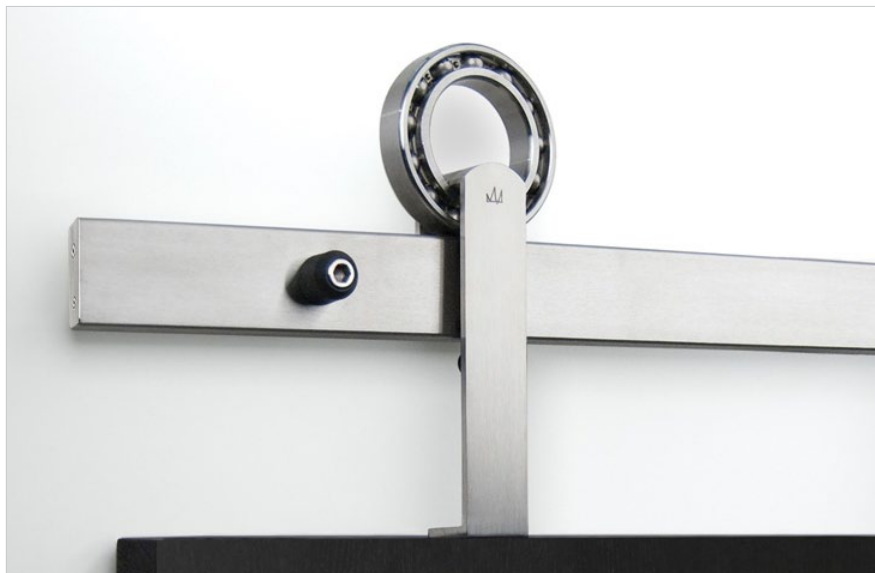
Sliding Door Hardware

BALDUR

Product Specifications



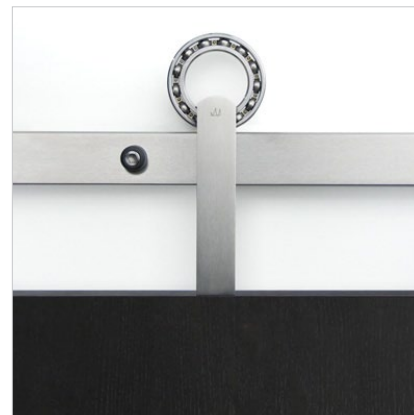
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Shown with optional Track End Cap accessory (sold separately).

Revolutionary Hubless Icon

Product Overview



An Icon Among Icons

Revolutionary iconic sliding door hardware system that will make anyone look twice. A patent pending hubless construction on massive 4" exposed industrial bearings add to the captivation of this product. A bold and powerful statement for any interior.

Precision Manufacturing

BALDUR is made from high quality stainless steel and is manufactured using precision casting. All exterior surfaces have a precise and consistent machine finish, while the inside still has the beautiful natural finish that only high quality castings can provide.

System Specifications

- High quality stainless steel.
- Top mount configurations allows panels up to 300 lbs and up to 3" thick.
- Includes track, trolleys, and mounting hardware.
- Standard and custom tracks.

Sliding Door Hardware

BALDUR

Product Specifications



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System Specifications

BALDUR sliding door hardware system offers great flexibility in terms of track length. The track mounting screws are to be properly engaged in at least 3" of structural material if the panel exceeds 100 lbs in weight.

Comes complete with trolley kits, track, and all necessary mounting hardware.

Material and Product care

BALDUR is made from high grade stainless steel, and resists rust and corrosion even in humid or coastal environments.

The product does not require any regular maintenance. To clean product any time after install, use a lint free cloth or sponge. DO NOT use steel wool, or a Scotch Brite pad, as it can scratch the product

What's Included

2 x BALDUR trolleys complete with bearing assemblies, all necessary mounting hardware, and optional bearing stops.

1 x BALDUR track complete with trolley stops and all necessary mounting hardware.

1 x Bottom guide post.*

*Bottom guide track kit sold separately.



BALDUR 6 top mount shown

BALDUR 6 Specifics

- Overall track length is 70". Spacing between attachment points is 60".
- For panels 36" wide or less*(1).
- Works best with door openings 32" wide or less*(2).

BALDUR 8 Specifics

- Overall track length is 94". Spacing between attachment points is 84".
- For 42" to 48" wide panels*(1).
- Works best with door openings 44" wide or less*(2).

BALDUR Custom Specifics

- The BALDUR track can be custom cut to fit your specific application.
- Bi-parting and by-passing configurations available.
- Contact us for more specific information.

*(1) For narrower panels, our included Optional Bearing Stop can be used to reduce panel travel if desired.

*(2) We recommend that panels are at least 2" - 4" wider than the door opening.

Sliding Door Hardware



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BALDUR Polished

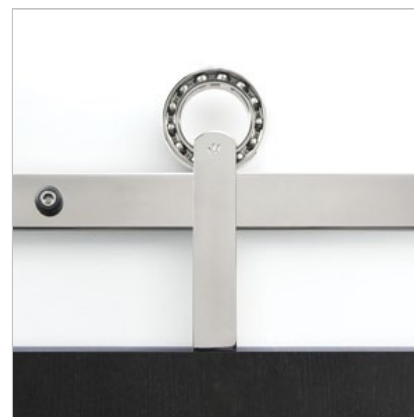
Product Specifications



Polished Track End Caps included.

**Exclusive
Polished Finish**

Product Overview



BALDUR Polished

For the client who's got to shine, Krown Lab introduces BALDUR Polished: our top-shelf stainless steel hardware system, including track, trolley, hardware and end caps are all hand buffed by local craftsmen to a looking glass sheen. This exclusive finish, made custom to your order, provides a literal reflection of the exceptional taste of its surroundings, and of its owners. BALDUR Polished; for those who require the extraordinary.

Product use & care

To clean system at any time after installation gently wipe down with a clean non-abrasive, micro-fiber cloth. Stainless steel cleaner (spray) or water can also be used to dampen cloth. Do not let any polished surfaces come into contact with any abrasive material as the finish can scratch.

Sliding Door Hardware

BALDUR Top Mount



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not shown to scale.

Sliding Door Hardware

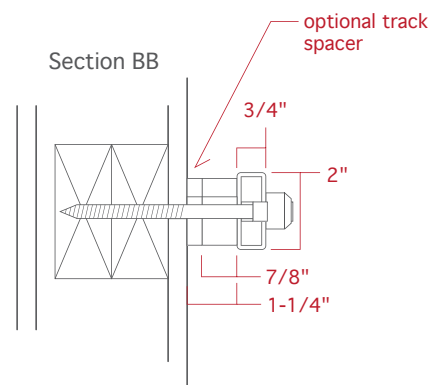
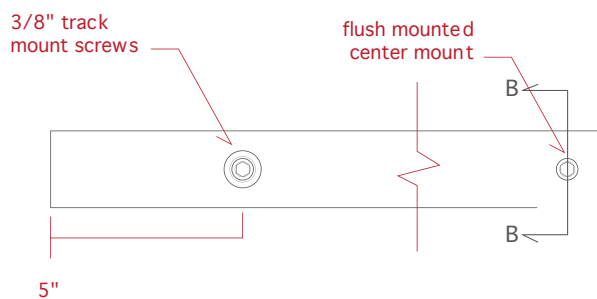
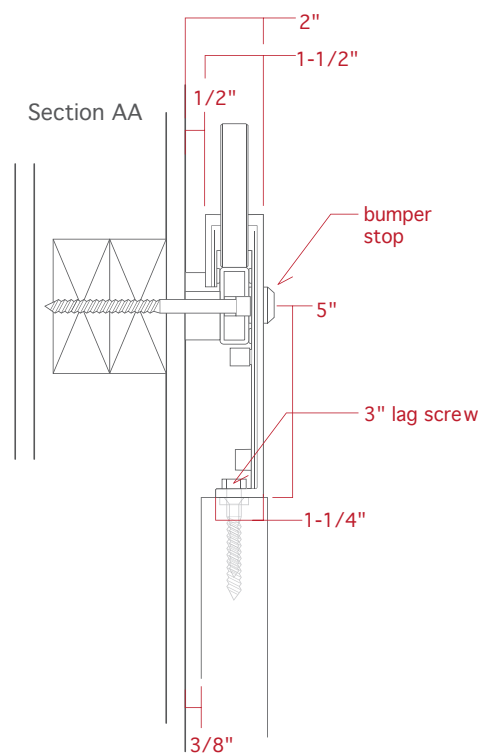
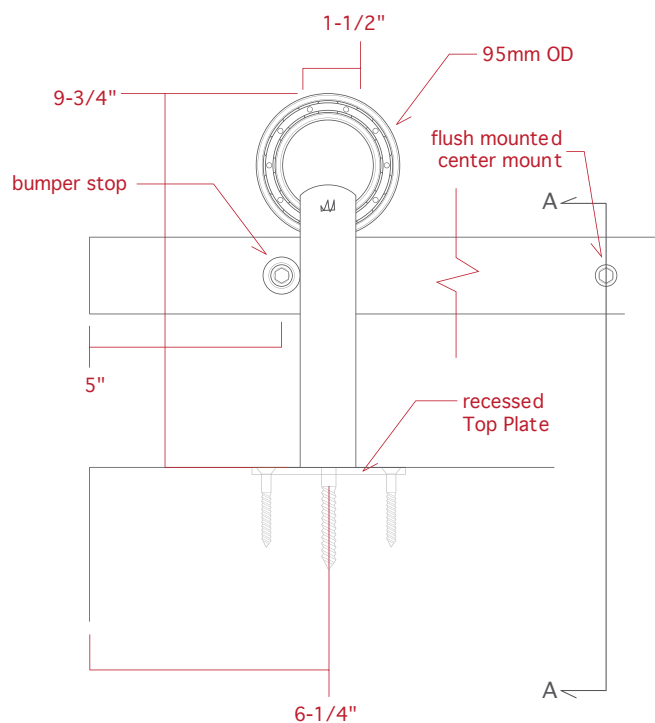


BALDUR Top Mount

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Technical Drawings

Compatible with panels up to 3" thick. Shown with 1-3/8" thick panel.
Mounted through 1/2" drywall, into double 2 x 4 blocking between studs.



ODEN

O•DIN | 'ö-dən |

God of Norse mythology associated with wisdom and poetry.



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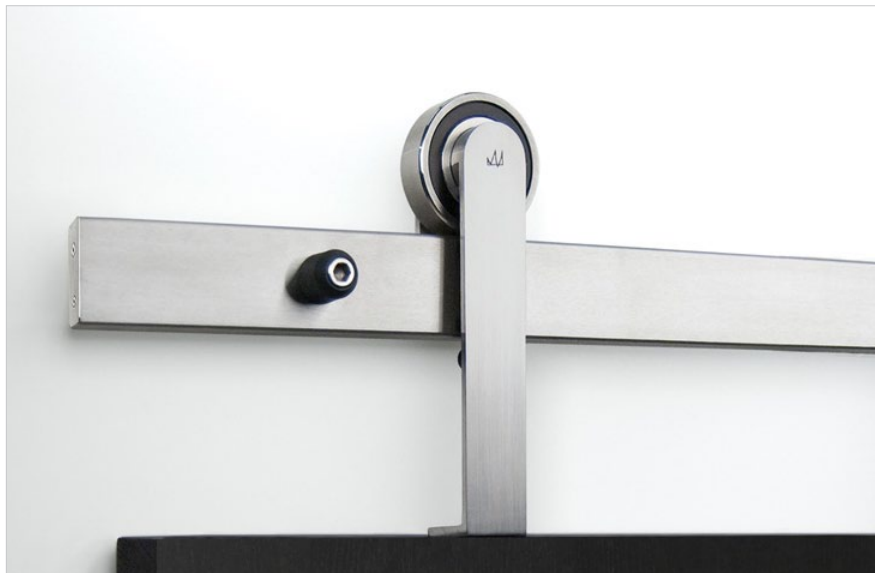
Sliding Door Hardware



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ODEN

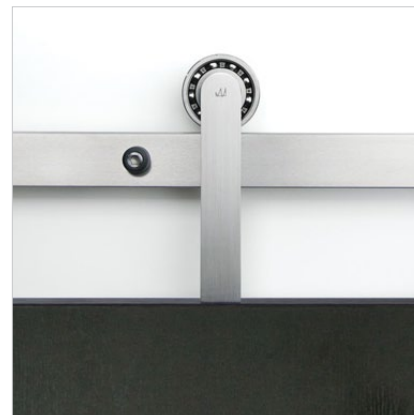
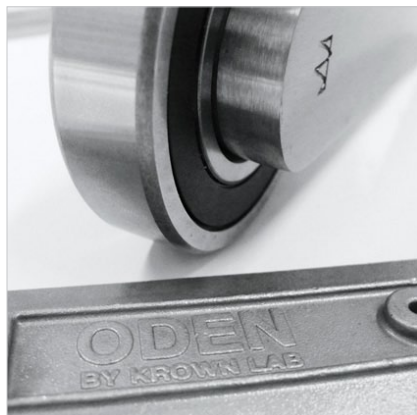
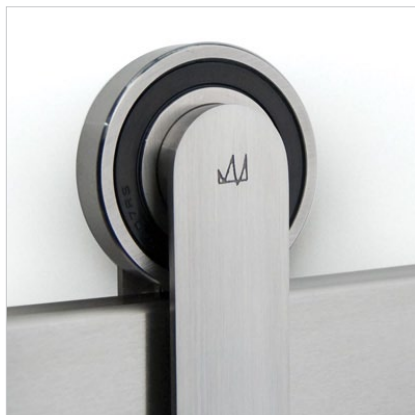
Product Specifications



Shown with optional Track End Cap accessory (sold separately).

Pure Refined Precision

Product Overview



Shown with exposed bearing.

Iconic Purity

Pure and refined sliding door hardware system that makes a statement in any application. Completely hidden fasteners add to the streamline aesthetic of this product. A sleek statement capturing timeless precision.

Precision Manufacturing

ODEN is made from high quality stainless steel and is manufactured using precision casting. All exterior surfaces have a precise and consistent machine finish, while the inside still has the beautiful natural finish that only high quality castings can provide.

System Specifications

- High quality stainless steel.
- Sealed (for outdoor use) or exposed 3" industrial bearings.
- Top mount configuration allows panels weighing up to 300 lbs and up to 3" thick.
- Includes trolleys, track, and mounting hardware.
- Standard and custom tacks.

Sliding Door Hardware



ODEN

Product Specifications

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System Specifications

ODEN sliding door hardware system with sealed bearings makes it highly suitable for outdoor and dusty environments. Also available with exposed bearings for a raw industrial look.

The track mounting screws are to be properly engaged in at least 3" of structural material if the panel exceeds 100 lbs in weight.

Material and Product care

ODEN is made from high grade stainless steel, and resists rust and corrosion even in humid or coastal environments.

The product does not require any regular maintenance. To clean any time after install, use a lint free cloth or sponge. DO NOT use steel wool, or a Scotch Brite pad, as it can scratch the product.

What's Included

2 x ODEN trolleys complete with bearing assemblies, all necessary mounting hardware, and optional bearing stops.

1 x ODEN track complete with trolley stops and all necessary mounting hardware.

1 x Bottom guide post.*

*Bottom Guide Track sold separately.



ODEN 6 top mount shown

ODEN 6 Specifics

- Overall track length is 70". Spacing between attachment points is 60".
- For panels 36" wide or less*(1).
- Works best with door openings 32" wide or less*(2).

ODEN 8 Specifics

- Overall track length is 94". Spacing between attachment points is 84".
- Made for 42" to 48" panels*(1).
- Works best with door openings 44" wide or less*(2).

ODEN Custom Specifics

- The ODEN track can be custom cut to fit your specific application.
- Bi-parting and by-passing configurations available.
- Contact us for more specific information.

*(1) For narrower panels, our included Optional Bearing Stop can be used to reduce panel travel if desired.

*(2) We recommend that panels are at least 2" - 4" wider than the door opening.

Sliding Door Hardware

ODEN Top Mount



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not shown to scale.

Sliding Door Hardware

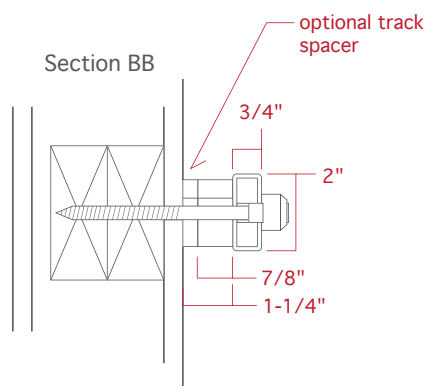
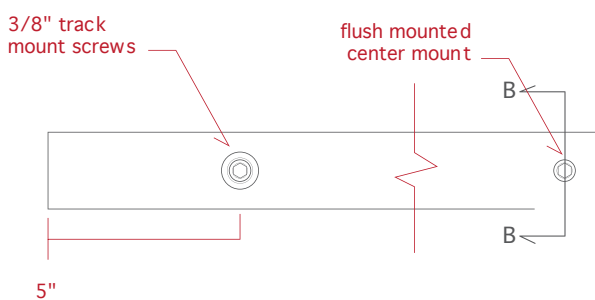
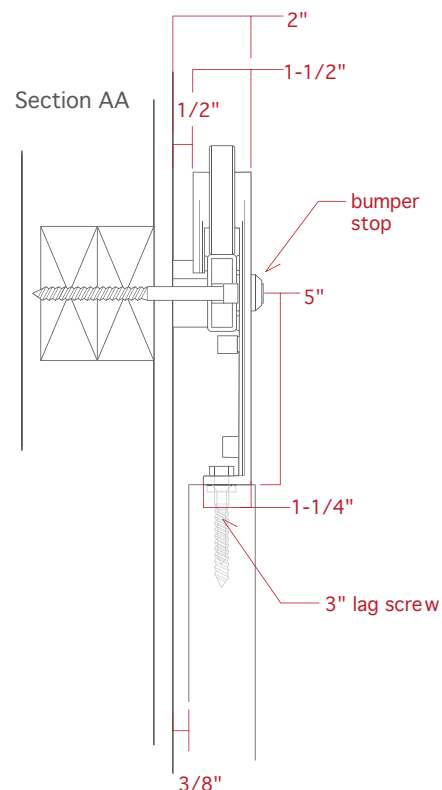
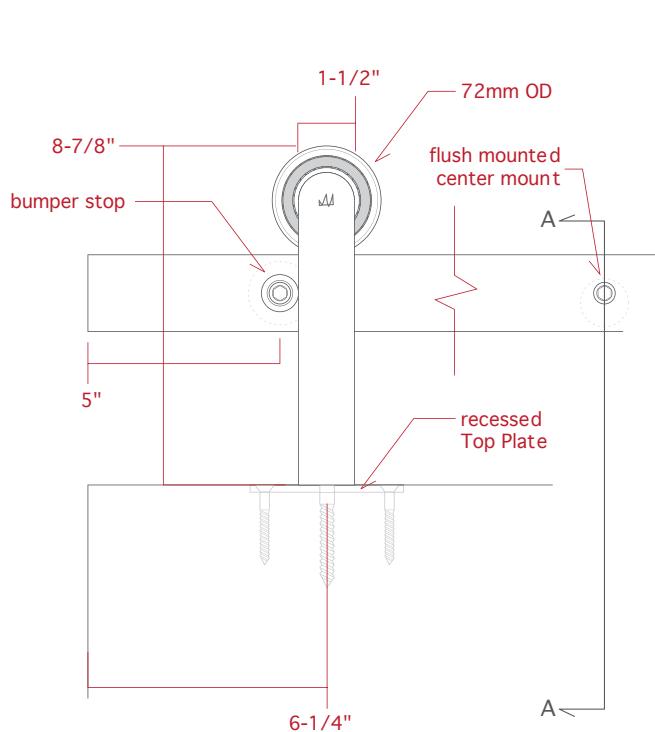


ODEN Top Mount

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Technical Drawings

Compatible with wood panels up to 3" thick. Shown with 1-3/4" thick wood door panel.
Mounted through 1/2" drywall, into double 2 x 4 blocking between studs.



ROB ROY

ROB·ROY | 'ròb-'ròi |

Renowned local artisan. Maker of the first Krown Lab prototypes.



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Sliding Door Hardware

ROB ROY

Product Specifications



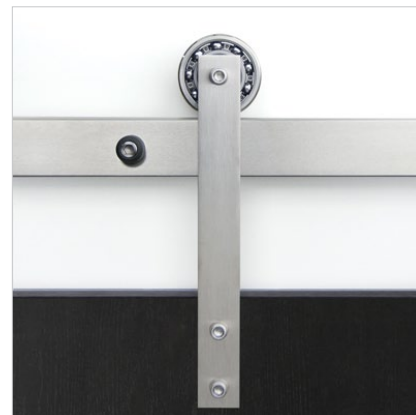
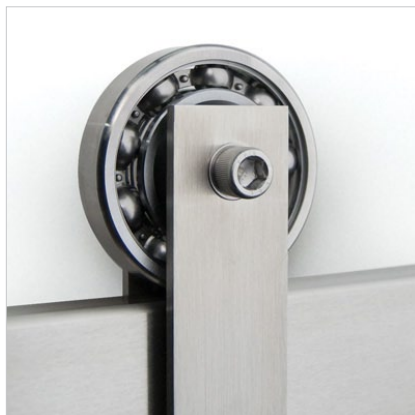
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Shown with optional Track End Cap accessory (sold separately).

**Raw Industrial
Beauty**

Product Overview



Deliberately Raw

Simple yet timeless sliding door hardware system with a distinct look for any environment. Exposed 3" industrial bearings and visible fasteners creates an iconic product with a raw, beautiful look.

Honest Fabrication

ROB ROY is made from laser cut and welded high quality stainless steel, and finished to let the material's natural beauty shine through. The product's straight forward fabrication and simple construction makes installation fast and easy.

System Specifications

- Carbon bearings (standard) or stainless steel (upgrade).
- Top mount configuration allows panels up to 150 lbs, and up to 3" thick.
- Face mount configuration allows up to 150 lbs, and up to 1-1/2" thick.
- Glass configurations allows up to 150 lbs and 3/8" to 3/4" thick.

Sliding Door Hardware

ROB ROY

Product Specifications



KROWN LAB

System Specifications

ROB ROY sliding door hardware system offers great flexibility both in terms of door mounting options and trolley customizing possibilities.

The track mounting screws are to be properly engaged in at least 3" of structural material if the panel exceeds 100 lbs in weight.

Comes complete with trolley kits, track, bottom guide post, and all necessary mounting hardware.

Material and Product care

ROB ROY's track, trolleys, and fasteners are made from high quality stainless steel and don't require any maintenance. To clean product any time after install, use a dampened lint free cloth or sponge.

The bearings are made from mild steel that over time can acquire surface rust in excessively humid or coastal environments.* Stainless steel bearings available.

*This can easily be removed with a Scotch Brite pad. Bearings should occasionally be lubricated.

What's Included

2 x ROB ROY trolleys complete with bearing assemblies, all necessary mounting hardware, and optional bearing stops.

1 x ROB ROY track complete with trolley stops and all necessary mounting hardware.

1 x Bottom Guide post.*

*Bottom Guide Track sold separately.



ROB ROY 6 top mount and ROB ROY 6 Glass shown

ROB ROY 6 Specifics

- Overall track length is 70". Spacing between attachment points is 60".
- For panels 36" wide or less*(1).
- Works best with door openings 32" wide or less*(2).

ROB ROY 8 Specifics

- Overall track length is 94". Spacing between attachment points is 84".
- Made for 42" to 48" panels*(1).
- Works best with door openings 44" wide or less*(2).

ROB ROY Custom Specifics

- The ROB ROY track can be custom cut to fit your specific application.
- Contact us for more specific information.

*(1) For narrower panels, our included Optional Bearing Stop can be used to reduce panel travel if desired.

*(2) We recommend that panels are at least 2" - 4" wider than the door opening.

Sliding Door Hardware

ROB ROY GunMetal

Product Specifications

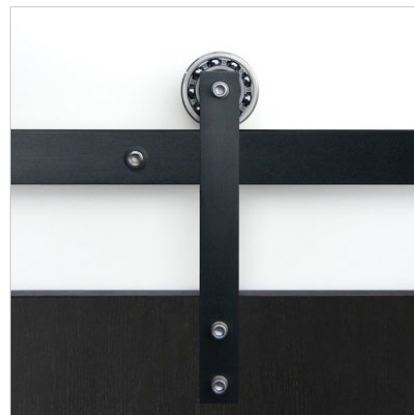
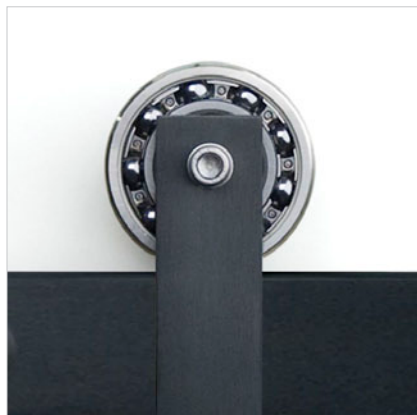


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**Rich Heirloom
Patina**

Product Overview



Product use & care

ROB ROY GunMetal has a stealthy sleek look, and is hand-finished in the heirloom tradition of metal bluing for a rich dark patina that allows the fine hairline texture of the metal to shine through. The hardware is made from carbon steel and hand-finished by our craftsmen using a traditional patina process. Slight variation in the surface finish is a normal and desirable result of this technique.

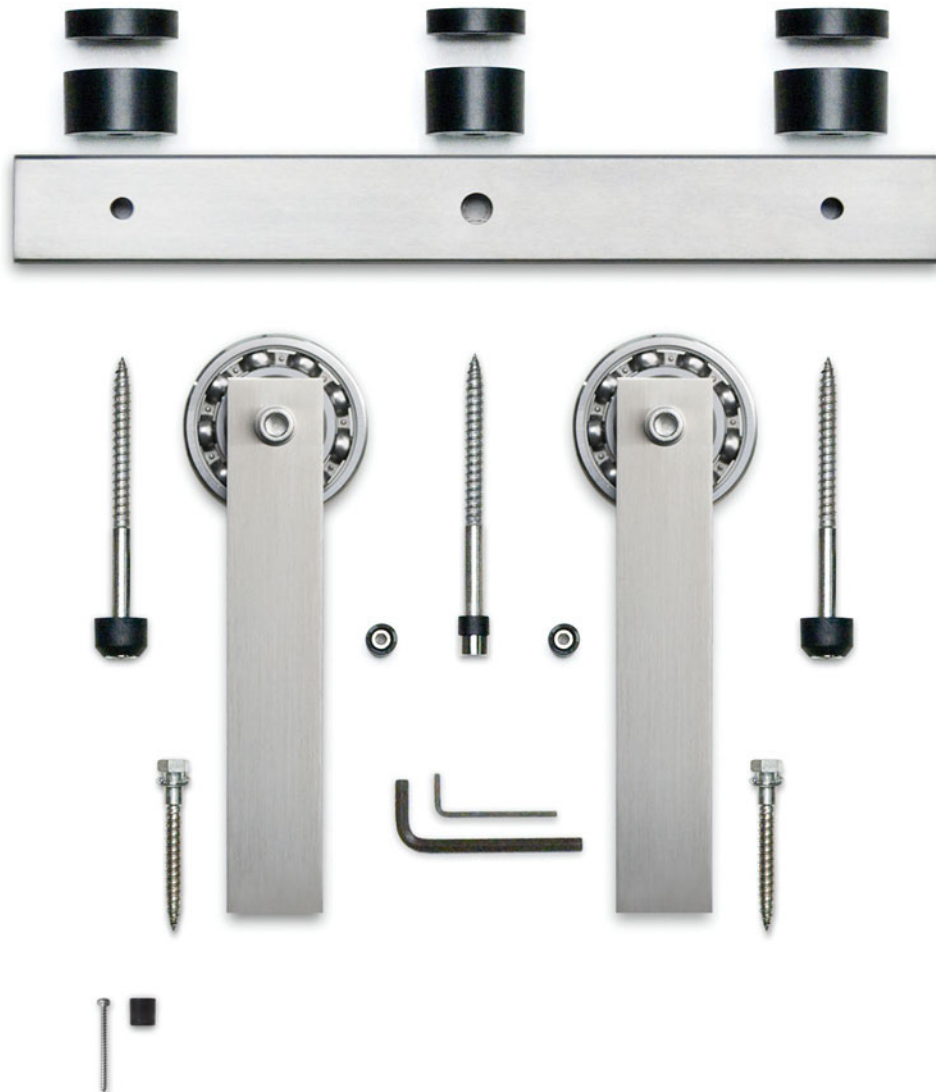
ROB ROY GunMetal is not suitable for wet or damp locations such as porches or bathrooms. Light surface rust may develop over time in humid environments, and can be removed using a paste wax such as Butcher's Wax or Johnson's Paste Wax and a clean, lint-free cloth. Waxing your product will have the additional benefit of renewing the patina's natural depth and luster.

Sliding Door Hardware

ROB ROY Top Mount



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not shown to scale.

Sliding Door Hardware

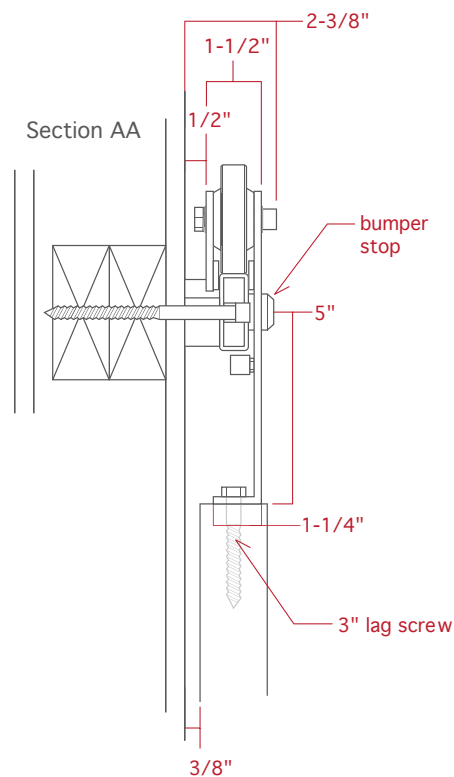
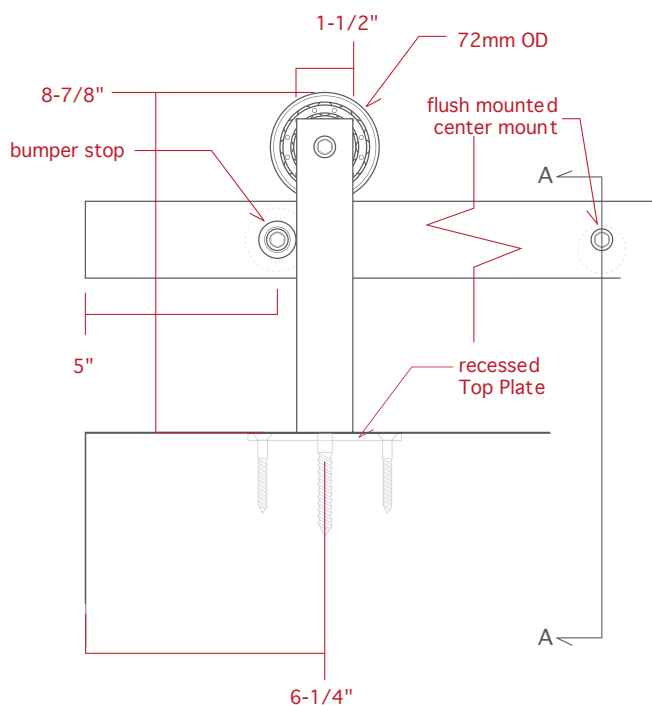


ROB ROY Top Mount

KROWN LAB

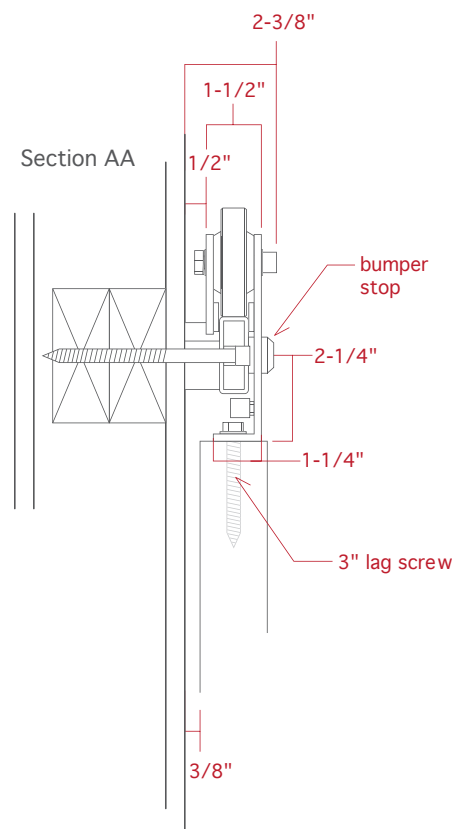
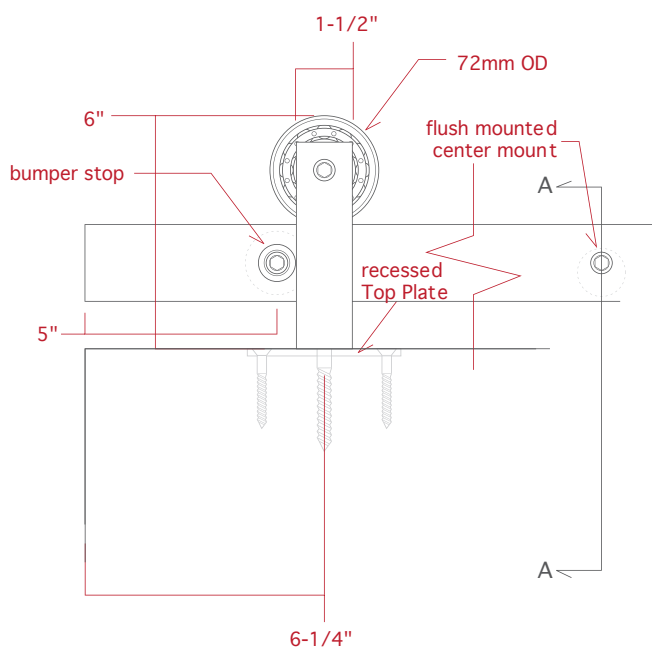
Technical Drawings

Compatible with panels up to 3" thick. Shown with 1-3/8" thick wood panel.
Mounted through 1/2" drywall, into double 2 x 4 blocking between studs.



Compact

For shorter door opening to ceiling spaces.



Sliding Door Hardware

ROB ROY Face Mount



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not shown to scale.

Sliding Door Hardware

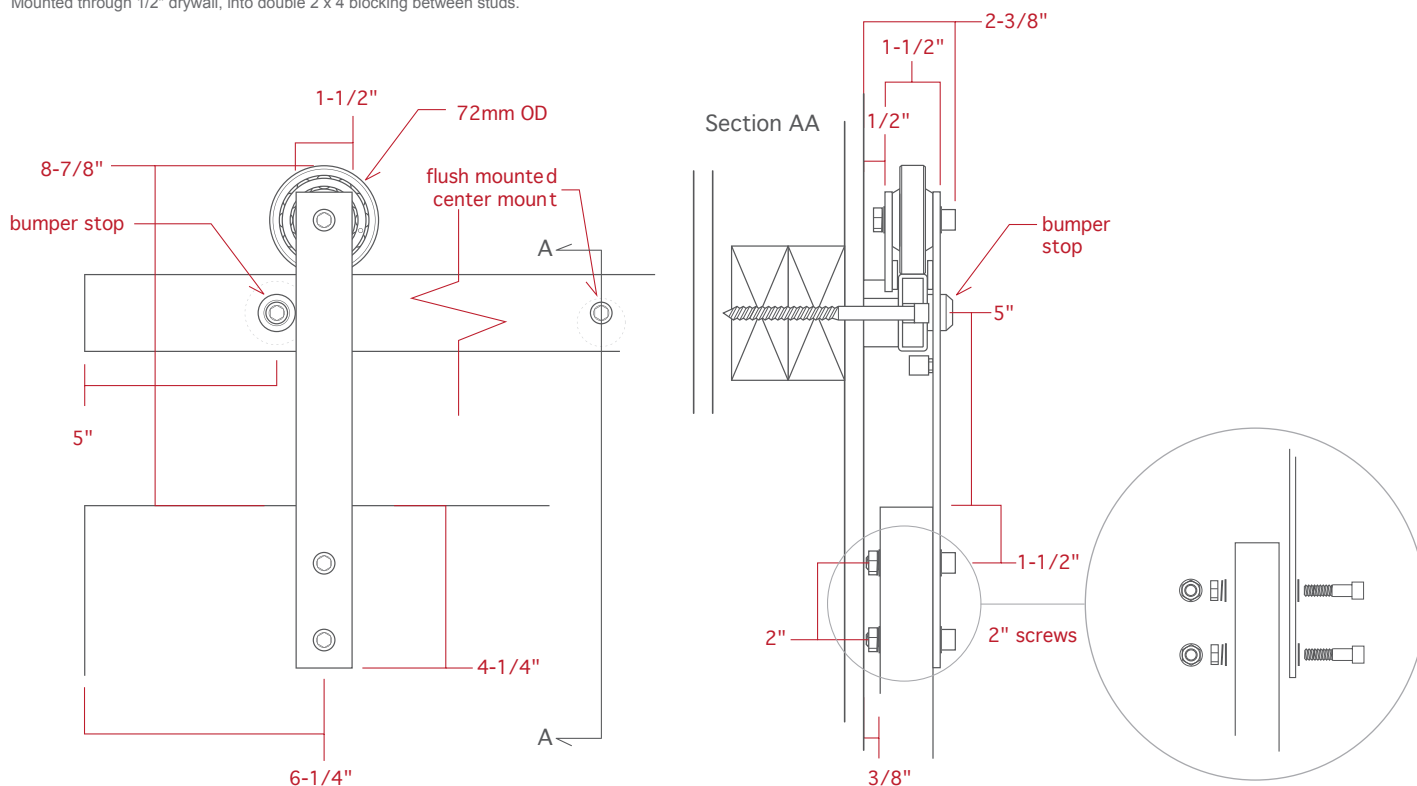


ROB ROY Face Mount

KROWN LAB

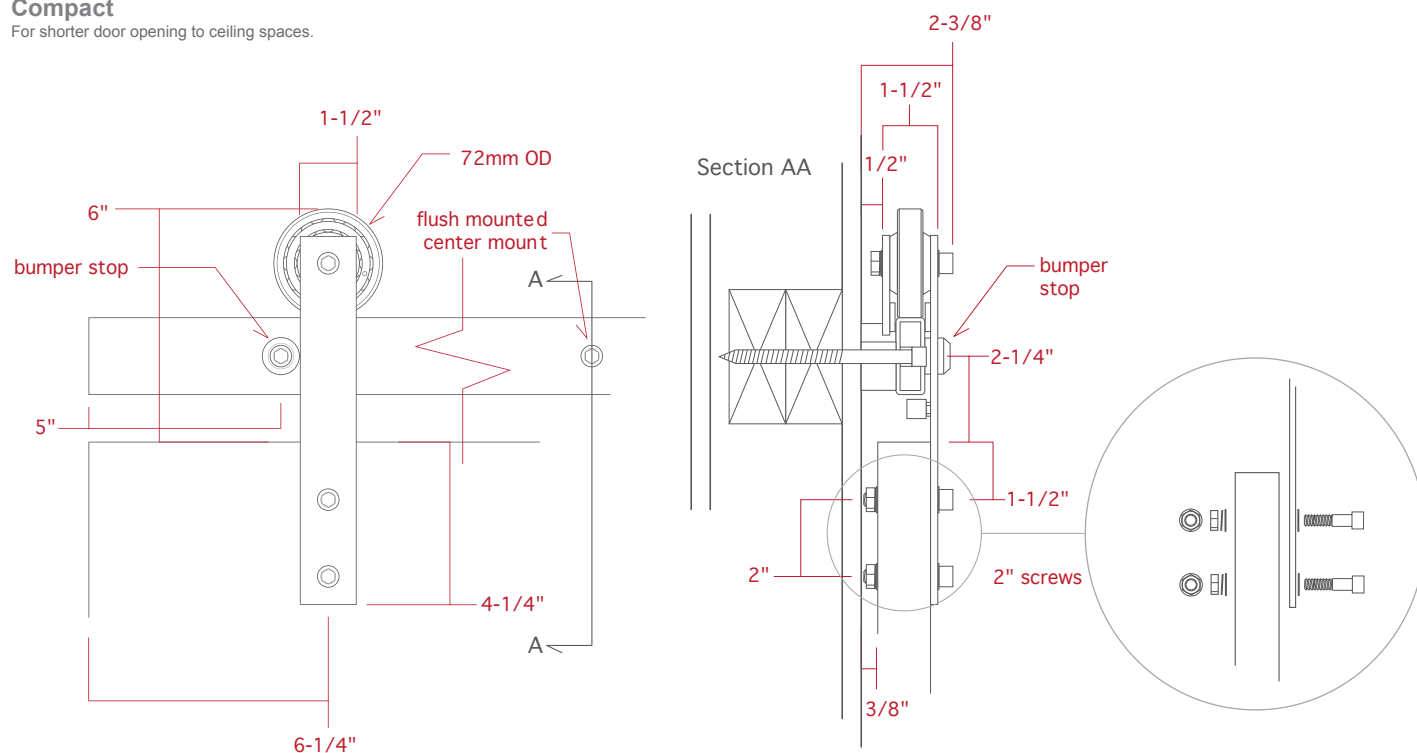
Technical Drawings

Compatible with door panels up to 1-1/2" thick. Shown with 1-3/8" thick wood panel.
Mounted through 1/2" drywall, into double 2 x 4 blocking between studs.



Compact

For shorter door opening to ceiling spaces.

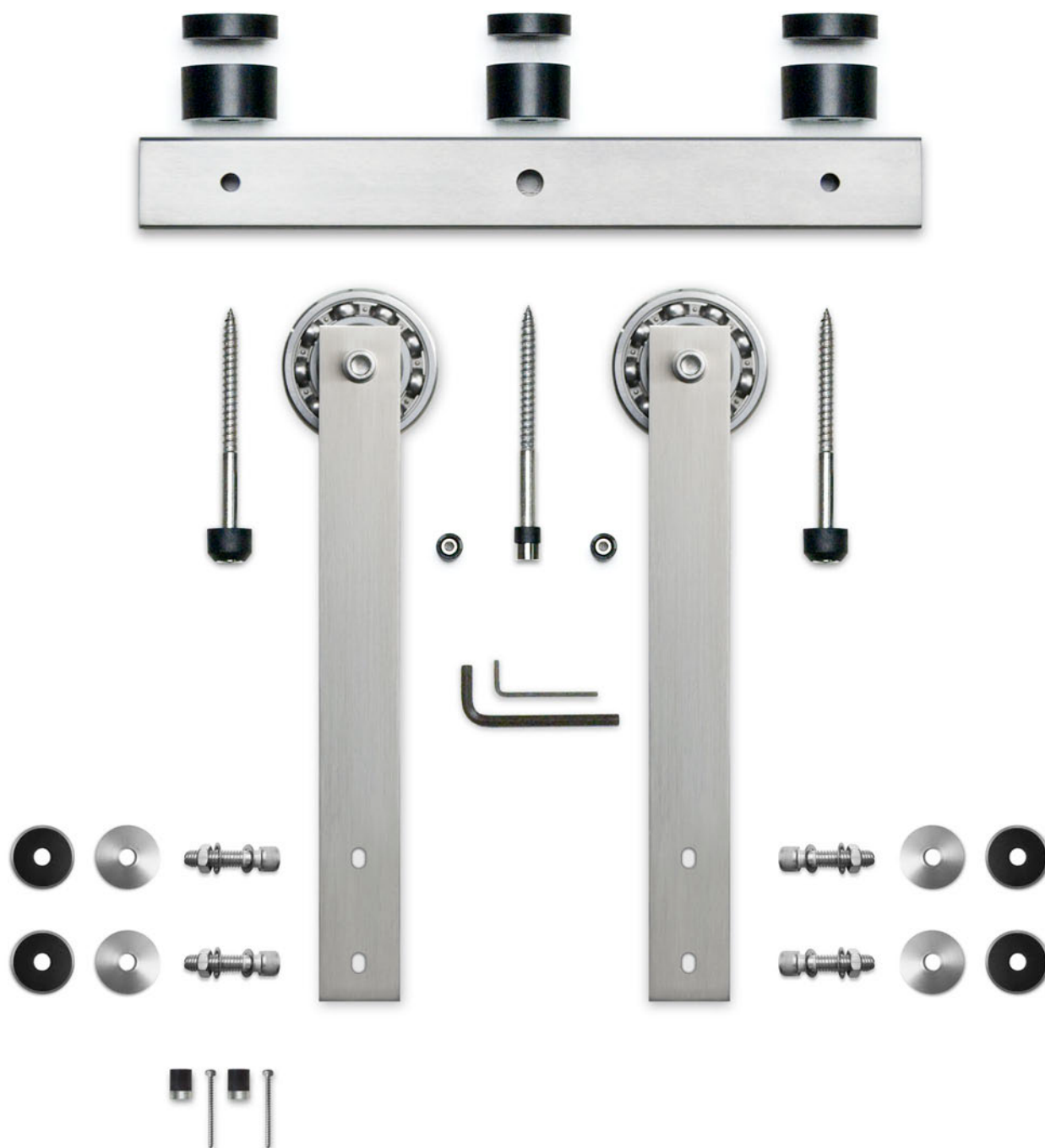


Sliding Door Hardware

ROB ROY Glass



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not shown to scale.

Sliding Door Hardware

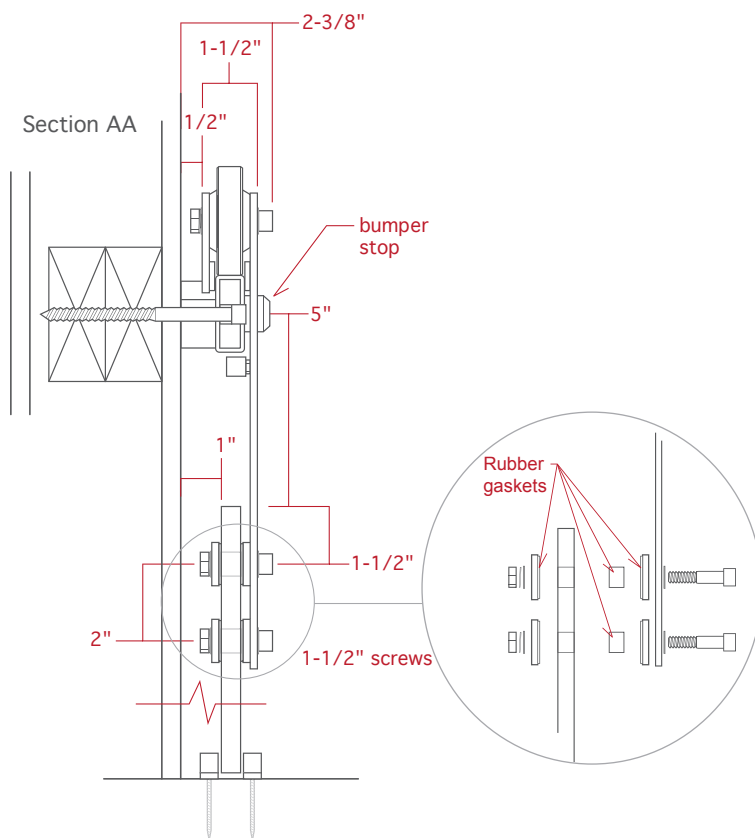
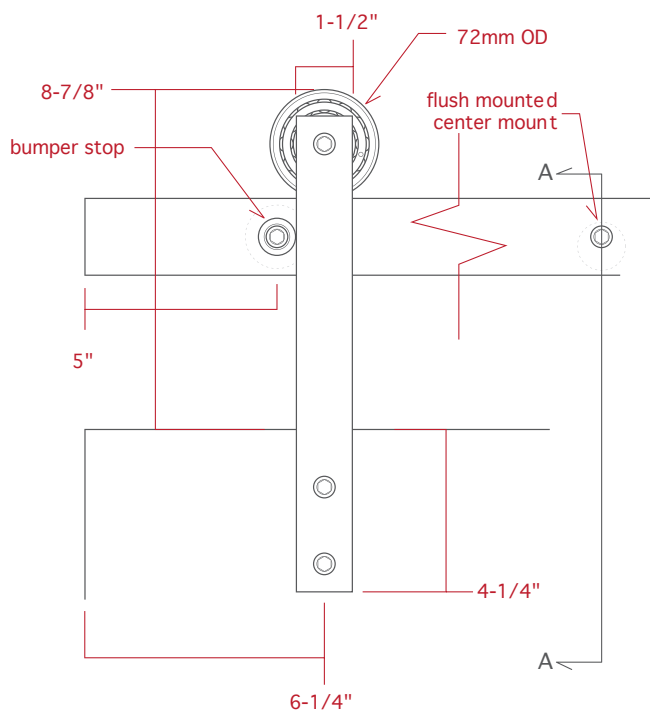


ROB ROY Glass

KROWN LAB

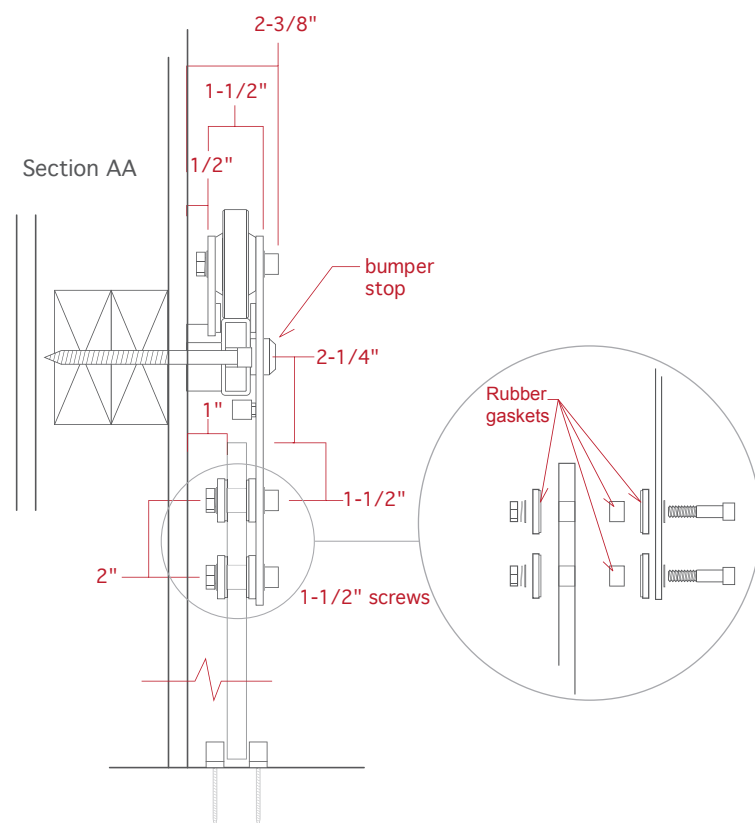
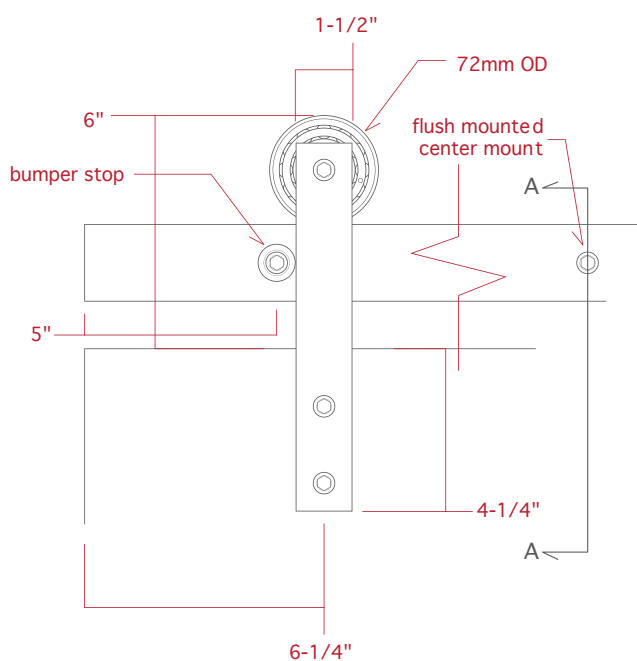
Technical Drawings

Compatible with glass panels up to 3/4" thick. Shown with 1/2" thick glass panel.
Mounted through 1/2" drywall, into double 2 x 4 blocking between studs.



Compact

For shorter door opening to ceiling spaces.



Sliding Door Hardware

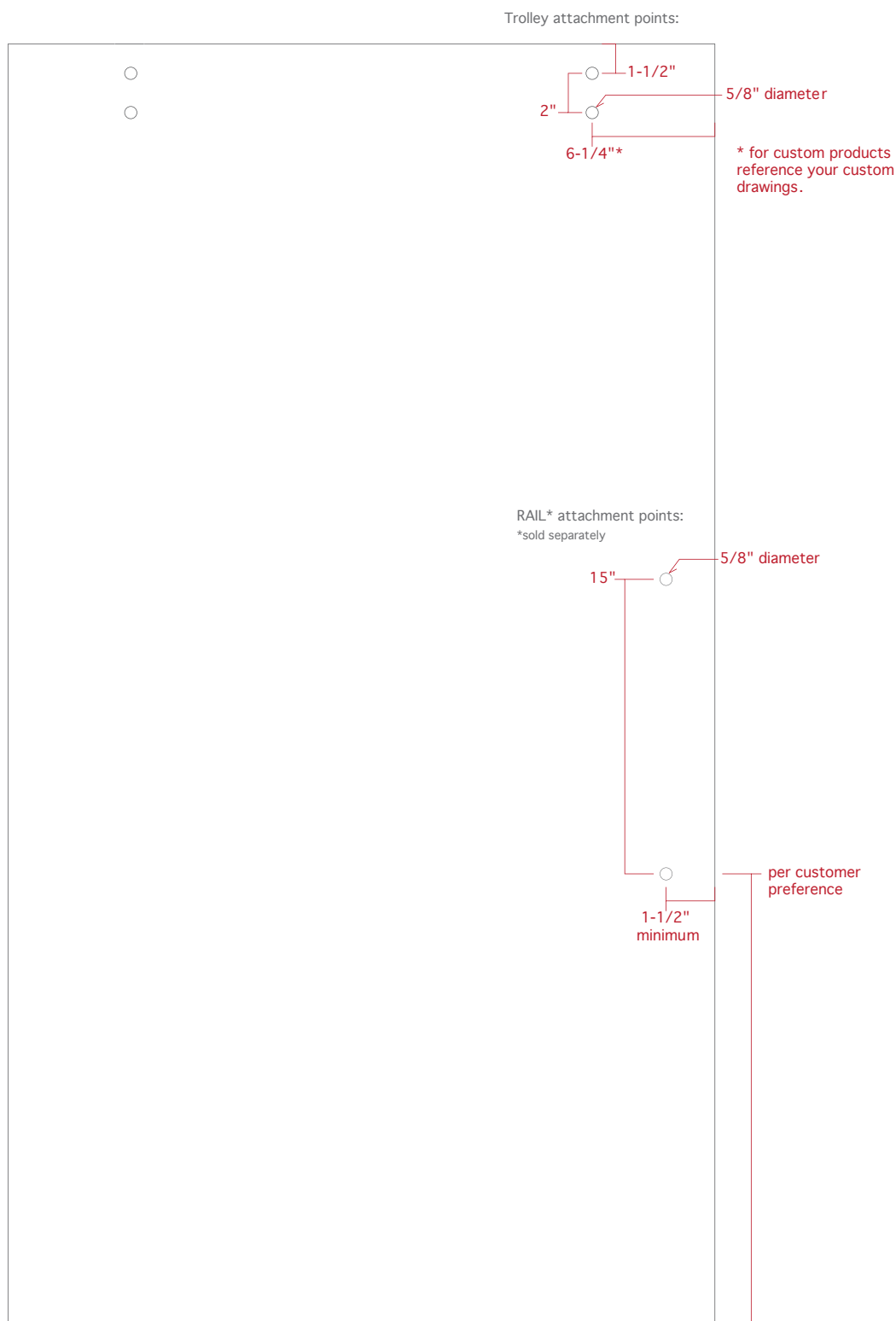


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Glass Panel

Drill Hole Specifications

Compatible with glass panels 3/8" to 3/4" thick.



Sliding Door Hardware



By-passing Panels

Product Overview

KROWN LAB



By-passing Features

- Maximizes and allows greater flexibility in compact spaces.
- Works with a wide range of panel styles and materials.
- Enhances and adds value to spaces with a unique look and functionality.
- Compatible with most Krown Lab hardware accessories, please contact Krown Lab for additional details.

By-passing Specifics

- Limited custom track configurations are possible in accordance with the below specifications.
- The standard conditions for use are on panels up to 50 lbs.
- For use on door openings up to 8 ft. wide per track span.
- Available in both BALDUR and ODEN series.

Sliding Door Hardware

ACCESSORIES



KROWN LAB



Sliding Door Hardware



KROWN LAB

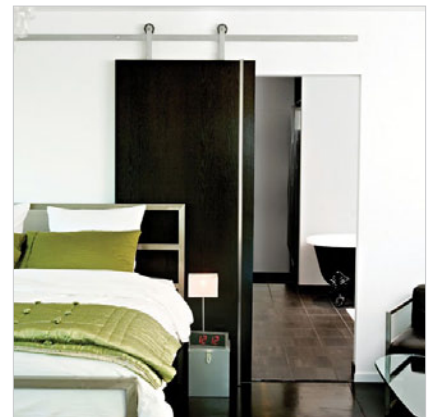
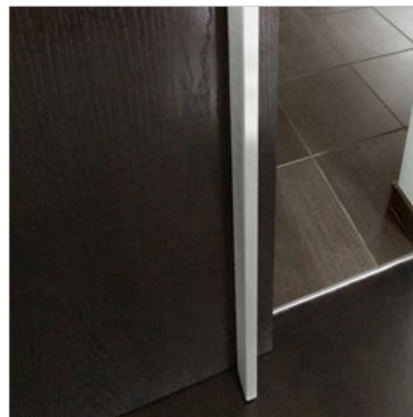
RAIL Pull

Product Specifications



**Simple Utilitarian
Amenity**

Product Overview



Clever and simple design with invisible fasteners allows for flexible and easy installation. Perfect for elbowing or kneeling open when hands are full. Fully made from high quality stainless steel. Finished on all sides with a linear brush texture that matches the finish of the rest of the product line. Comes standard at 18" length, and custom lengths to fit specific needs. Fits wood panels 3/4" to 3" thick, and glass panels 3/8" to 3/4" thick with supplied hardware.

Sliding Door Hardware



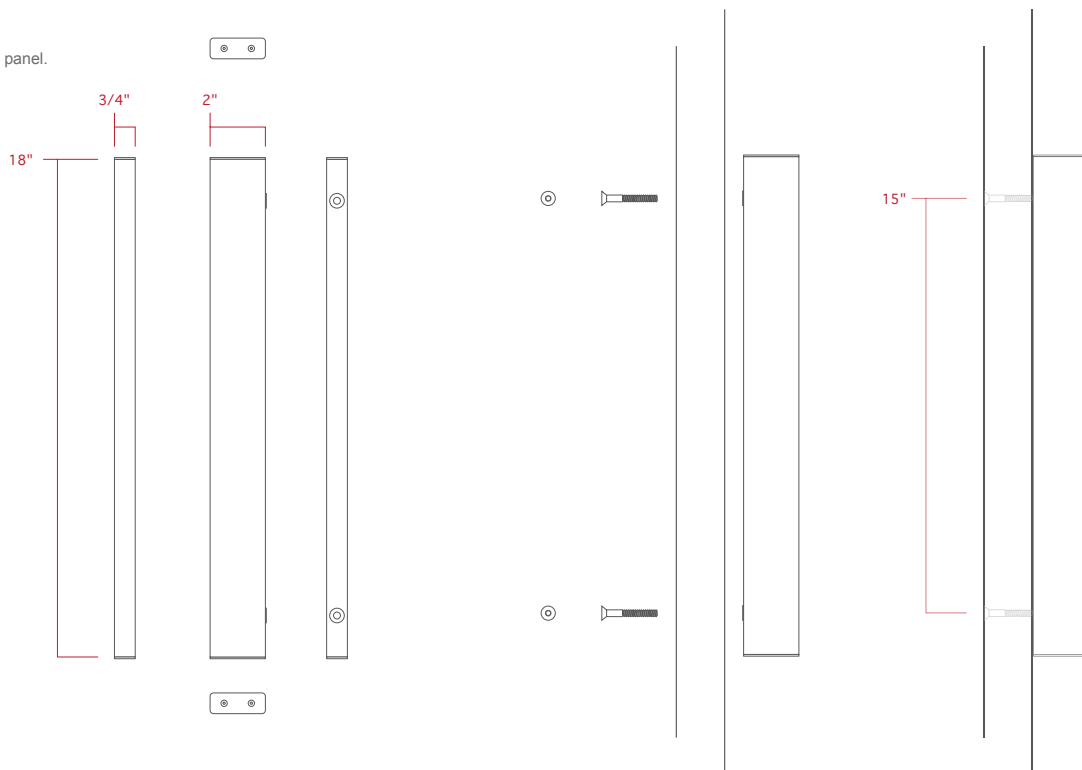
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RAIL Pull

Technical Drawings

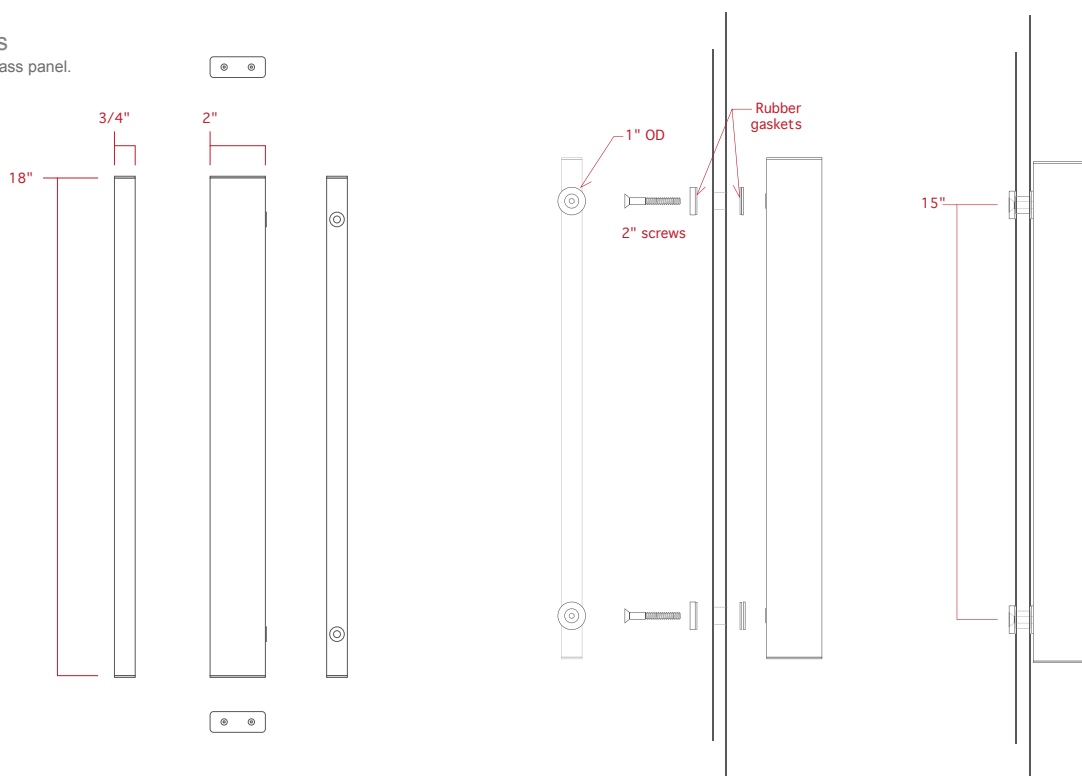
RAIL Pull

Shown on 1-3/4" thick panel.



RAIL Pull Glass

Shown on 1/2" thick glass panel.



Sliding Door Hardware



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Track End Cap

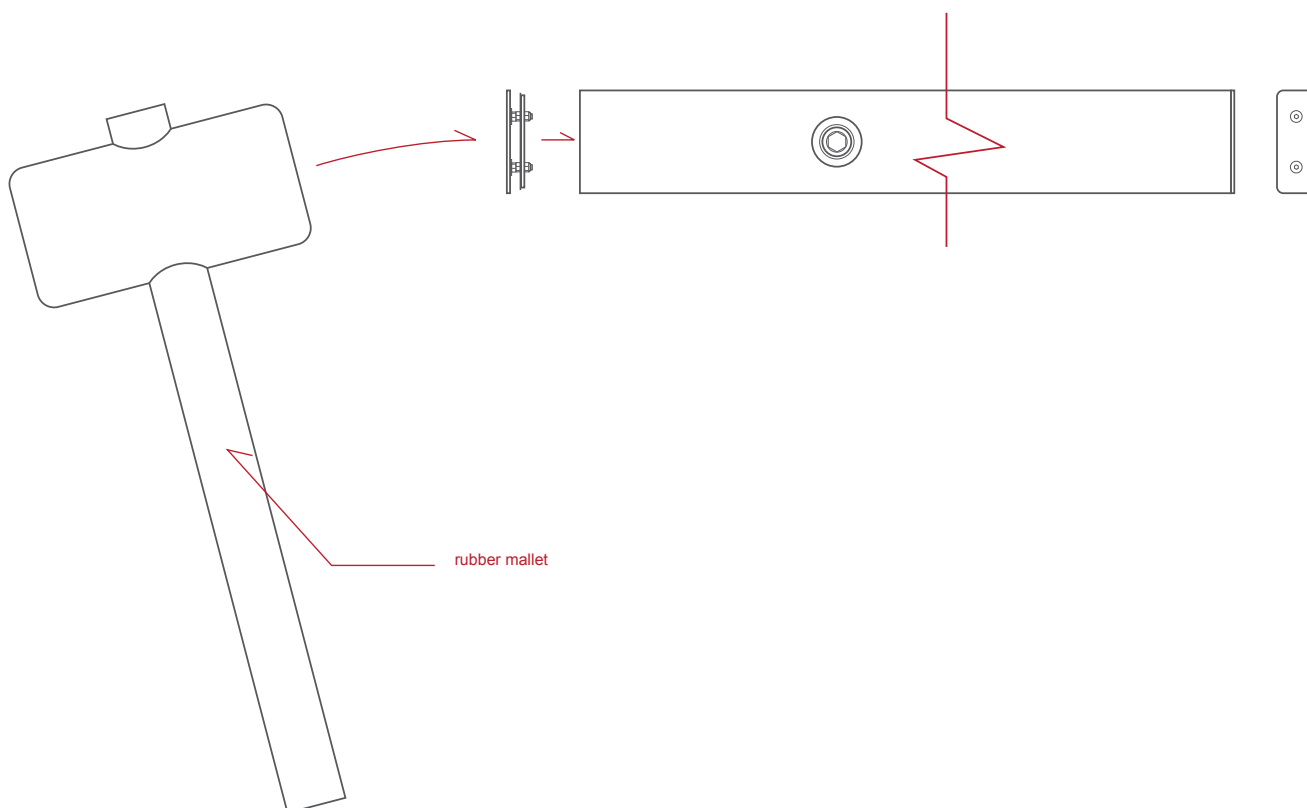
Product Specifications



Elegant product solution permanently seals the end of the track. Can easily be installed after overall system installation is completed.

Fabricated from high quality stainless steel. Finished with a linear brush texture that matches the finish of the track.

Compatible with all Krown Lab Sliding Door Hardware systems regardless of track length.



rubber mallet

Sliding Door Hardware



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Track Connector

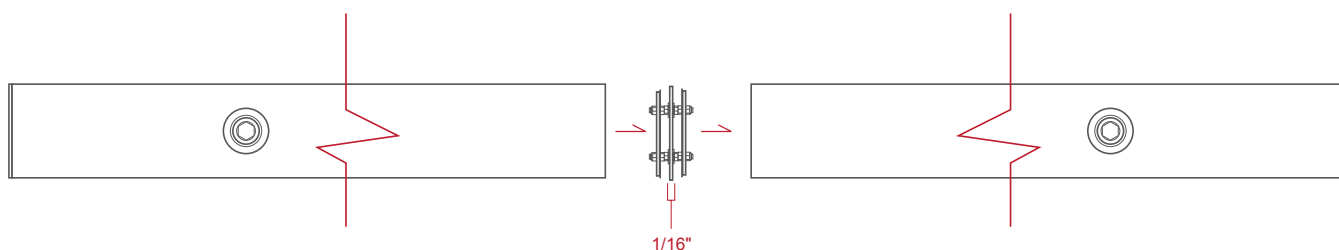
Product Specifications



Permanent multiple track connector.

Fabricated from high quality stainless steel. Edge finished with a linear brush texture that matches the finish of the track.

Compatible with all Krown Lab Sliding Door Hardware systems.



Sliding Door Hardware



Bottom Guide Track

Product Specifications

KROWN LAB



Specifics

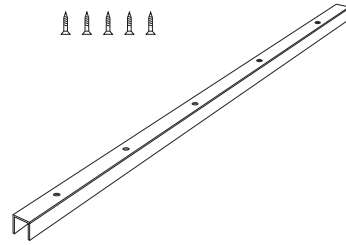
The Bottom Guide Track prevents the panel from swinging out from the door opening, and from rubbing up against the wall or base board. The simple design allows the stainless steel bottom guide to mount to the bottom of the panel, making the whole kit almost completely invisible.

Comes in standard sizes for 36" and 48" panels, or can be custom cut to desired length. Works for a wide range of panel material, not appropriate for glass.

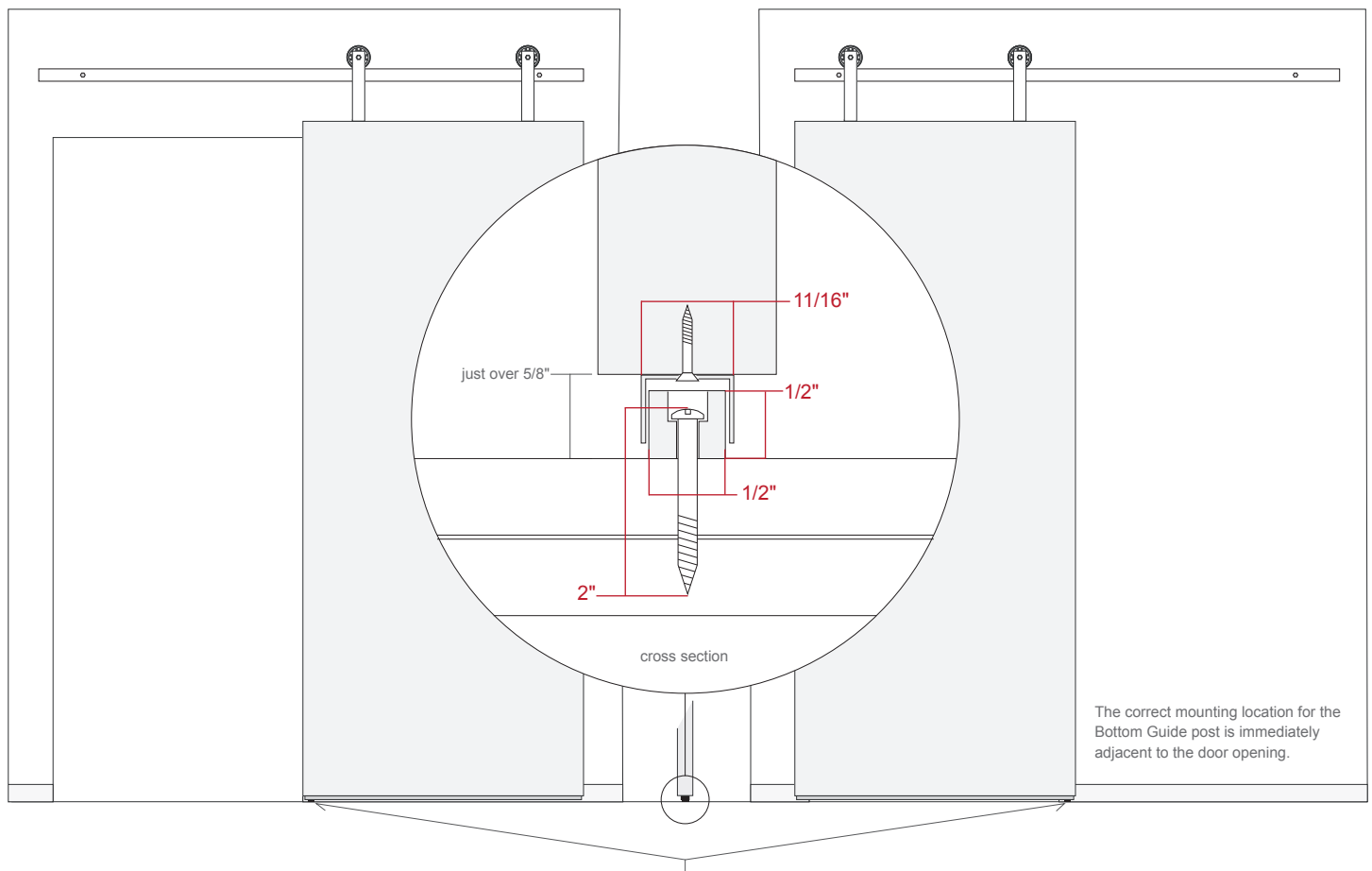
What's Included

- High quality stainless steel bottom guide track.
- 3/8" philips head fasteners.*

*Number of fasteners depends on length of bottom guide track.



Bottom guide screw and post: included with all sliding door hardware systems.



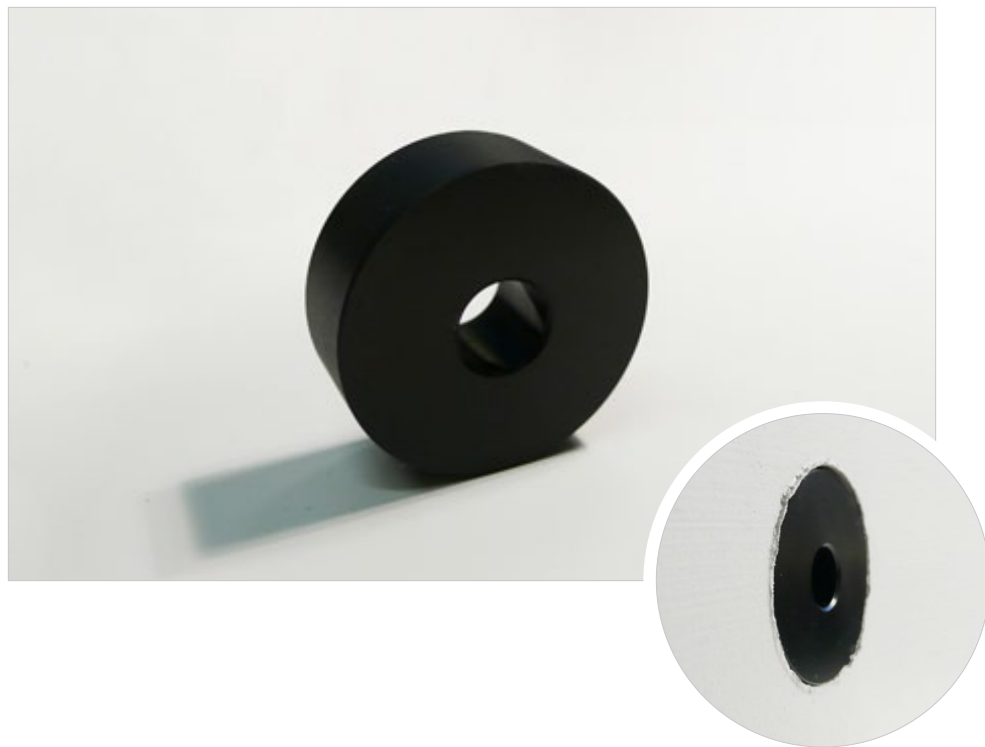
Sliding Door Hardware



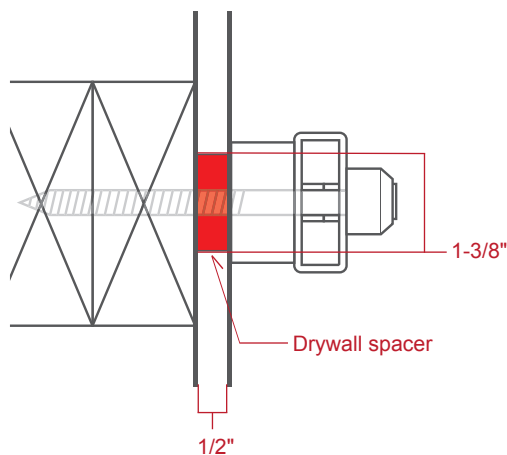
KROWN LAB

Drywall Spacer

Product Specifications



We recommend the use of Drywall Spacers with heavy or multiple door installations where the track is mounted on drywall. These spacers prevent the drywall from compressing under the load and help to maintain the structural integrity of the system.



Sliding Door Hardware



Structural Information

KROWN LAB

Product Specifications

General Overview

All of our sliding door hardware requires that the track attachment points are properly engaged in 3" of structural material with provided hardware. The wall or structure that your system will be mounted to must be designed to support the weight specified for the system of your choice.

System	Weight Limit
BALDUR	300 lbs
ODEN	300 lbs
ROB ROY	150 lbs

- Krown Lab products may not work with your existing stud locations.
- Most projects will require that additional structural material be inserted into your wall.
- In new construction, ensure appropriate blocking is added in the correct locations during framing prior to drywall installation.
- In renovations, cut open the drywall in between studs to insert appropriate blocking in the correct locations.
- Height of blocking is driven by the overall height of door panel.
- Track mounting point location is approximately 6" above the height of door panel depending on product.
- Check with your contractor and/ or local listings to confirm you are in accordance with local building codes.

Installation

All installation instructions are Krown Lab's recommendations only. Unit should only be installed considering locally prevailing building code and standards, and be done by qualified building professionals (experienced, competent tradesmen) with a comprehensive understanding of relevant material properties, and full building and site conditions. Krown Lab is not responsible for the inferior or incorrect installation performed by others. Krown Lab takes no responsibility of installation or performance of door panel, or any other component used in conjunction with track system. Krown Lab is not responsible for site conditions, including uneven floors or levels, walls out of square or plumb, for variations of size, design or shape of existing or new drywall (or any other material) openings, or by any other site-specific situation. Krown Lab is not responsible for any violations of building, electric, plumbing, zoning or other municipal or government codes, ordinances or regulations presently existing in the building(s) into which its Products are to be installed and used.

Hardware

The basic hardware and fasteners included are to be used only in sound, solid blocking and sub straight materials as determined by qualified building professionals. Under no circumstances will Krown Lab be responsible for decisions by trades people or any one else involved in product installation.

Sliding Door Hardware

Terms & Conditions



KROWN LAB

Buyer's Acceptance of Terms and Conditions

These terms and conditions of sale applies to every contract of Krown Lab Inc. (Krown Lab) for the sale of goods Inc. (Krown Lab) for the sale of goods or articles (Products) to any person or entity (Buyer) who sends or otherwise requests to Krown Lab or its agent and order to purchase Products from Krown Lab. By placing any order for Products, the Buyer agrees to these Terms and Conditions of Sale. Any other terms or conditions which may at any time be indicated in the Buyer's order form or otherwise, shall be null and void and of no effect, even if not expressly objected to by Krown Lab.

Buyer's Compliance

Buyer is solely responsible for compliance with all applicable federal, state and local laws, ordinances, regulations, rules and standards relating to the installation, maintenance, use and operation of the Products.

Changes and Cancellations

Krown Lab is not obligated to accept any changes or cancellations once the Product has begun being created. Buyer is obligated to accept any Product that has been ordered.

Risk of Loss

The risk of loss for the Products shall pass to the Buyer upon delivery to carrier from Krown Lab premises. Buyer bears the risk of damage during shipment.

Delays

Krown Lab shall not be responsible for delay, non delivery or default in shipment if occasioned by strike, act of Thor, or event beyond the control of Krown Lab.

Product Pick-Up and Acceptance

It is the Buyer's responsibility to coordinate acceptance or pick-up of Product upon attempted delivery. Any costs or expenses incurred by Krown Lab as a result of the Buyer's failure to pick-up/accept the Products will be charged to the Buyer.

Design Ownership

The designs are and will remain the property of Krown Lab. Not under any circumstances does the Buyer have the right to duplicate the Products for any purpose.

Commercial Warranty

Krown Lab warrants the products against defects in workmanship for 10 years after shipment provided that the Product is used under the conditions for which it was designed, and is used for its intended purpose. Normal wear and tear of the Products are excluded from the warranty. Warranty does not cover damages resulting from accidents, misuse, fire, flood, or acts of nature.

Installation

All installation instructions are Krown Lab's recommendations only. Unit should only be installed considering locally prevailing building code and standards, and be done by qualified building professionals [experienced, competent tradesmen] with a comprehensive understanding of relevant material properties, and full building and site conditions. Krown Lab is not responsible for the inferior or incorrect installation performed by others. Krown Lab takes no responsibility of installation or performance of door panel, or any other component used in conjunction with track system. Krown Lab is not responsible for site conditions, including uneven floors or levels, walls out of square or plumb, for variations of size, design or shape of existing or new drywall (or any other material) openings, or by any other site-specific situation. Krown Lab is not responsible for any violations of building, electric, plumbing, zoning or other municipal or government codes, ordinances or regulations presently existing in the building(s) into which its Products are to be installed and used.

Hardware

The basic hardware and fasteners included are only to be used only in sound, solid blocking and substrate materials as determined by qualified building professional. Under no circumstances will Krown Lab be responsible for decisions by trades people or any one else involved in product installation.

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