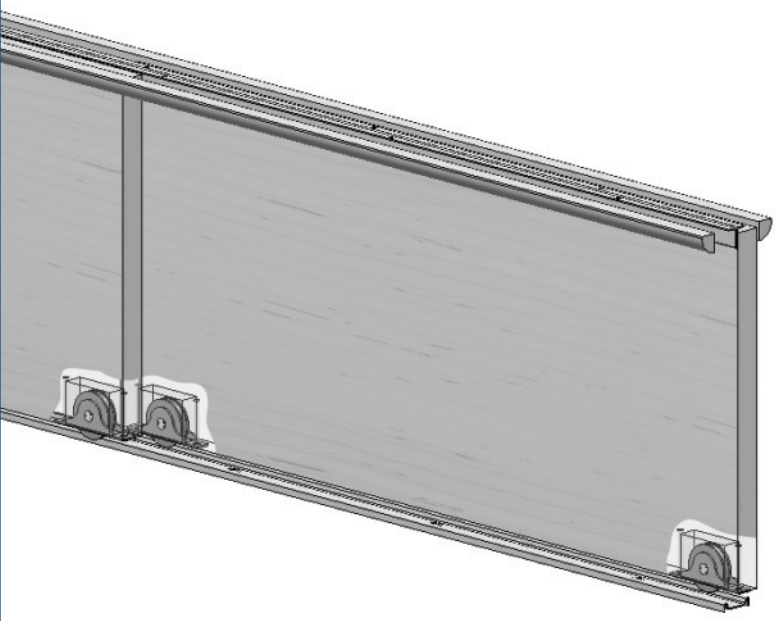
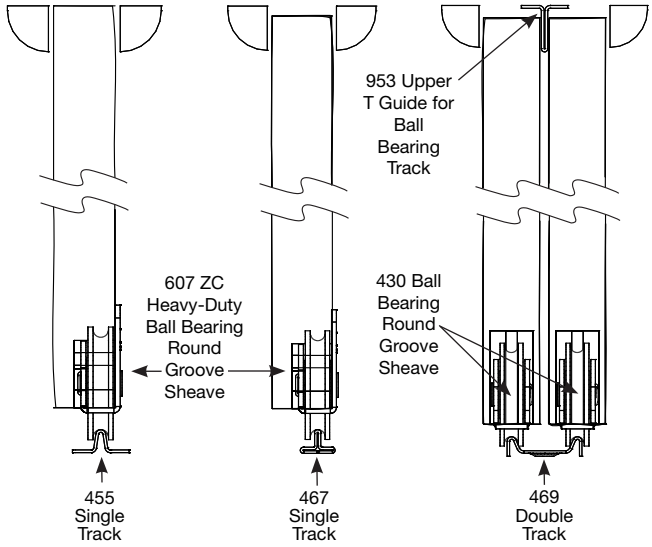
Metal Tracks and Sheaves for Sliding Wood Doors

SLIDING DOOR TRACK

- For sliding wood doors
- 6' to 12' lengths available
- Cut to fit



Complete Assembly Example
(469 Double Track + 430 Ball Bearing Round Groove Sheave + 953 Upper T Guide for Ball Bearing Track)



Cross Section Examples

Applications

Provides smooth track system for sliding wood doors to move back and forth with ease. Ideal for larger wood door installations.

Mounting: Recessed or Surface

Material: Steel, Zinc or Bronze

Finishes:

Plain Finish Wrought Steel (STL), Stainless Steel (SS), Steel (STL), Zinc (ZC):
Long-lasting, corrosion resistant finish

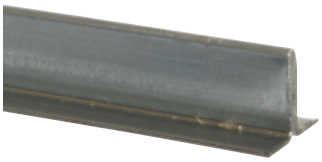
Features:

- Installs quickly and easily with nails or glue
- Allows door to slide easily and quietly
- Can be mounted on surface or recessed
- Upper T Guide separates sliding doors at top
- Components can be easily cut to fit any opening up to 12 feet
- Variety of sheaves available to acommodate various installation needs
- Made in the USA
- Available from open stock

Metal Tracks and Sheaves for Sliding Wood Doors

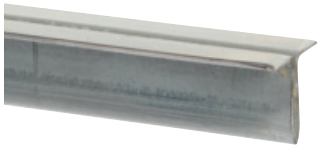
Metal Tracks

455
Single Track



467
Single Track

469
Double Track

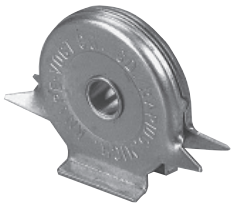


953
Upper T Guide
for Ball Bearing Track

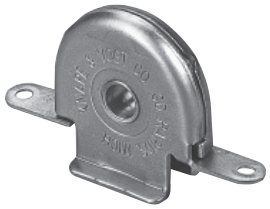
Standard Pack (1/carton)									
Description	**Width**	**Height**	**Length**	**Weight**	**Plain Finish Wrought Steel**	**Stainless Steel**	**Plain Finish Steel**	**Zinc Plated Steel**	**Pre-coated Steel**
455 STL Single Track (Plain Finish Wrought Steel)	21/32"	5/16"	144"	1.5 lbs.	455 STL 144*	–	–	–	–
455 SS Single Track (Stainless Steel)	21/32"	5/16"	144"	1.5 lbs.	–	455 SS 144*	–	–	–
467 Single Track (Plain Finish Steel)	21/32"	5/16"	144"	1.8 lbs.	–	–	467 STL 144*	–	–
469 Double Track (72")	1"	1/4"	72"	1.3 lbs.	–	–	–	469 ZC 72**	–
469 Double Track (96")	1"	1/4"	96"	1.7 lbs.	–	–	–	469 ZC 96**	–
469 Double Track (144")	1"	1/4"	144"	2.5 lbs.	–	–	–	469 ZC 144**	–
953 Upper T Guide for Ball Bearing Track (Separates sliding doors at top.)	5/8"	5/8"	144"	2.2 lbs.	–	–	–	–	953 ZC 144

*Includes 1/2" nails. **Includes 1/2" x No. 5 flathead wood screws.

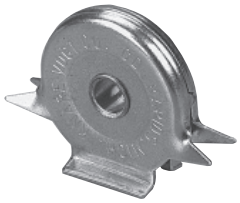
Sheaves



400A STL
Ball Bearing Sheave Drive Type



402 STL
Ball Bearing Sheave



580 STL
Nylon Round Groove Sheave
(for light doors)

582 STL
Nylon Round Groove Sheave

Enclosed Sheaves									
Description	**Packed**	**Weight** (lbs./box)	**Case Size** (height x width)	**Flange Size** (length x width)	**For KV Track Numbers:**				**Steel (STL)**
					450	**455**	**467**	**469**	
400A Ball Bearing Sheave, Drive Type	100/box	4.63	1-1/4" x 5/16"	1-3/4" x 9/16"	x	x	x	x	400A STL
402 Ball Bearing Sheave	100/box	6.93x	1-1/4" x 5/16"	2-1/4" x 5/16"	x	x	x	x	402 STL
580 Nylon Round Groove Sheave, Drive Type (For light doors.)	100/box	3.93	1-1/4" x 5/16"	1-3/4" x 9/16"	x	x	x	x	580 STL
582 Nylon Round Groove Sheave (For light doors.)	100/box	5.12	1-1/4" x5/16"	2-1/4" x 5/16"	x	x	x	x	582 STL

413X BR
Bronze Wheel
(with Brass-look frame)
on Self Lubricating
Bearing

427 STL
Ball Bearing Round
Groove Sheave

429 STL
Round Groove Sheave

430 STL
Ball Bearing Round
Groove Sheave

430 N STL
Ball Bearing Sheave
with Flat Neoprene
Wheel

592 STL
Nylon Convex Wheel
(for thin doors)

594 NYLON Nylon
Round Groove Wheel
(for doors up to
1-1/8" thick)

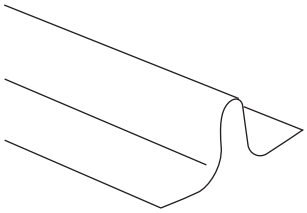
607 ZC
Heavy-Duty Ball
Bearing Round
Groove Sheave

620 STL
Axle Bearing
Grooved Steel Roller

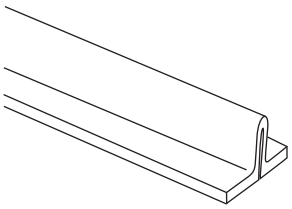
Sheaves										
Description	**Packed**	**Weight** (lbs./box)	**Frame Size** (height x width)	**Wheel Size**	**For KV Track Numbers:**				**Brass-look (BR)**	**Steel (STL)**
					450	**455**	**467**	**469**		
413X Bronze Wheel (with Brass-look frame) on Self Lubricating Bearing	50/box (w/screws)	7.06	2-15/16" x 7/16"	1-3/16" Dia.	x	x	x	x	413X BR	–
427 Ball Bearing Round Groove Sheave	50/box	5.87	2-15/16" x 1/2"	1-3/16" Dia.	x	x	x	x	–	427 STL
429 Round Groove Sheave	100/box	6.50	2-1/4" x 3/8"	1" Dia.	x	x	x	x	–	429 STL
430 Ball Bearing Round Groove Sheave	50/box	7.37	2-3/4" x 1/2"	1-3/8" Dia.	x	x	x	x	–	430 STL
430 N Ball Bearing Sheave with Flat Neoprene Wheel (use WITHOUT track)	50/box	6.12	2-3/4" x 1/2"	1-3/8" Dia.	x	x	x	x	–	430 N STL
592 Nylon Convex Wheel (for thin doors)	100/box	2.80	9/32" x 2-1/4"	1-3/16" Dia.		x*			–	592 STL
594 Nylon Round Groove Wheel (for doors up to 1-1/8" thick)	50/box	3.37	2-15/16" x 1/2"	1-3/16" Dia.	x	x	x	x	–	594 NYLON
607 Heavy-Duty Ball Bearing Round Groove Sheave (with side fastening plate)	50/box	9.12	2-5/16" x 1-5/16"	1-3/8" Dia.	x	x	x	x	–	607 ZC
620 Axle Bearing Grooved Steel Roller	100/box	3.75	7/16" x 1-7/8"	11/16" H x 9/32" W	x	x	x	x	–	620 STL

* For use with inverted KV Track Number 455.

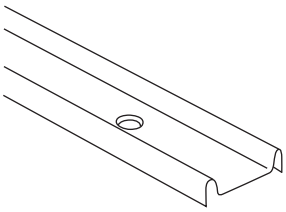
Metal Tracks and Sheaves for Sliding Wood Doors



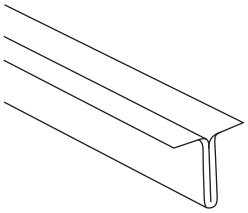
455
Single Track



467
Single Track



469
Double Track



953
Upper T Guide
for Ball Bearing Track

1. PRODUCT NAME

Metal Tracks and Sheaves for Sliding Wood Doors. Provides a smooth track system for sliding wood doors to move back and forth with ease.

2. MANUFACTURER

Knape & Vogt
2700 Oak Industrial Dr. NE, Grand Rapids, MI USA 49505-6026
(616) 459-3311 | www.kv.com

3. PRODUCT DESCRIPTION

Basic Use: Metal Tracks and Sheaves for Sliding Wood Doors provide a smooth track system for sliding wood doors to move back and forth with ease. A variety of sheaves provide wheel base to support wood door while gliding smoothly along metal track.

Composition and Materials:
455 STL: Wrought Steel
455 SS: Stainless Steell
467: Steel
469: Zinc
953: Pre-coated Steel

Sizes:
455, 467: 21/32" wide x 5/16" high x selected length
469: 1" wide x 1/4"" high x selected length
953: 5/8" wide x 5/8" high x selected length

Lengths: 72", 96, 144" (some lengths not available in all tracks.)

Finishes: Plain Finish Wrought Steel, Stainless Steel, Steel, Zinc, Precoated Steel.

4. TECHNICAL DATA

Applicable Standards: Metal Tracks and Sheaves for Sliding Wood Doors are tested to meet or exceed ANSI performance standards as established by BHMA in the Knape & Vogt™ (KV®) recommended application.

Results were obtained by laboratory testing in accordance with ANSI/ BHMA A156.9-2003 performance standard. Actual use conditions will typically result in lower load capacity than laboratory conditions.

Representative testing in a fully configured application is the only way to assure proper performance, durability, and safety.

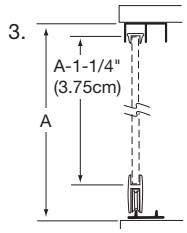
Environmental Considerations:

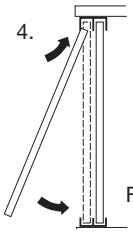
Environment: Excessive humidity, salts, or other chemical agents can corrode the finish and attack metal or plastic components.

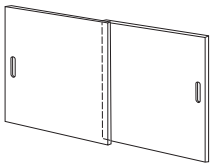
Fastening: Inadequate or incorrect fasteners can result in the track or sheave pulling loose and causing damage.

Alignment: Improper track/sheave alignment can result in a sliding door system that is ineffective and unsafe.

1. Lay guide and track in recessed grooves or on surface.
2. Attach with small nails or glue.
3. Height of wood door should be 1-1/4" (3.75mm) shorter than distance between top of guide and bottom of track.
4. Place top of door in guide and swing bottom of door into track.







For 1" (2.54cm) lap makedoors 1/2" (1.27cm) wider than half of cabinet opening.

6. AVAILABILITY AND COST

Availability: Knape & Vogt™ (KV®) products are available from stocking distributors and through KV® Representatives worldwide.

Cost: Current pricing is available from area KV® Representatives. Please call for the nearest representative: (800) 253-1561.

7. WARRANTY

Limited Lifetime Warranty: Knape & Vogt offers its standard Limited Lifetime Warranty to the initial purchaser of commercial products. This warranty covers defects in materials and workmanship which occur during normal use, and the remedy is limited to repair or replacement of defective products, at KV's option. Certain types of defects and damage are excluded from warranty coverage, costs and expenses are not covered, and additional restrictions apply. A copy of the Limited Lifetime Warranty, with all warranty details, limitations and disclaimers, is available on the Customer Care Connection location at www.kv.com or from KV Customer Service, 2700 Oak Industrial Drive, Grand Rapids, MI 49505, (800) 253-1561.

8. MAINTENANCE

Metal Tracks and Sheaves for Sliding Wood Doors require no maintenance. Inspect for proper fit periodically and adjust when necessary. Replace as required or recommended by application.

9. TECHNICAL SERVICES

Knape & Vogt™ and area representatives can assist with any application. For further information, or for the name of the representative nearest you, please call Knape & Vogt™ Customer Service: (800) 253-1561 or visit our website at: www.kv.com.

10. FILING SYSTEMS

Additional product information, data sheets, application sheets, and a full catalog are available upon request from Knape & Vogt™.

BHMA *Knape & Vogt products follow the ANSI testing standards established by BHMA.*

Knape & Vogt reserves the right to change product specifications at any time without notice and without incurring responsibility for existing units. This information conforms to editorial style prescribed by The Construction Specifications Institute.

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