

# Contents

Drawer Slides
Hinge Systems58
Lifting Systems
Drawer Box Systems
Shelving
Specialty Hardware
Closet Hardware 128
Waste & Recycling144
Pull-Out Systems
Lazy Susans
Sink Front Trays
Specialty Storage
Garage Organization 189
Index
Knape and Vogt Limited Warranty
Return Policy 206

Knape & Vogt's names and logos and all related trademarks, including series numbers (e.g., 85 and 185 Series), trademarks and other intellectual property are the property of Knape & Vogt Manufacturing Company and cannot be used without its express prior written permission.



# Drawer Slides

How to Choose a Drawer Slide	3
Drawer Slides Quick Reference Guide	4
Ball-Bearing Slides: Suggested Product Application Matrix	
Roller Bearing Slides: Suggested Product Application Matrix	
Undermount Drawer Slide Size Guide	
Light-Duty	
Drawer Slides	7
1175 3/4 Extension Center Under Drawer Slide	
1300 3/4 Extension Drawer Slides	
1805 Epoxy-Coated Drawer Slide	
8350 3/4 Extension Drawer Slides	
4400 Low Profile Full Extension Drawer Slide	
4450 Low Profile Full Extension Soft-Close Drawer Slide	
Medium-Duty	
Drawer Slides	4
8400 Series Drawer Slides	
8400 Full Extension Box or File Drawer Slide	
8405 Over Travel Box or File Drawer Slide	
8407 Full Extension Box or File Drawer Slide with Shelf Tabs	
8414 Full Extension Hold-Out Precision Drawer Slide	
8417, 8419, 8400RV Self-Closing Drawer Slides	
8420 Metal Cabinet Drawer Slide	
8450FM, 8455FM Soft-Close Drawer Slide	
KV GSlide® GS4200, GS4205 Drawer Slide	
KV GSlide® GS4260 Push-Open Drawer Slide	2
KV GSlide® GS4270 Soft-Close Drawer Slide	Ę
KV Tru-Trac® TT100 Full Extension Ball-Bearing Drawer Slide 2	6
KV DuriSlide <sup>™</sup> 4500 Ball-Bearing Drawer Slide	7
Undermount	
Drawer Slides	8
KV GSlide® GS2070 Full Extension Undermount Drawer Slide 2	2
Smart Slide Full Fit Power 900 Series Undermount	(
Smart Slide Full Power 800 Series Undermount	1
Smart Slide 700 Series Undermount	2

Heavy-Duty
Drawer Slides
6500, 6505 Box or File Drawer Slide
3500, 8505 Heavy-Duty File or Lateral Drawer Slides
3520, 8525 Extra Heavy-Duty File or Lateral Drawer Slides
8600, 8605 Heavy-Duty Drawer Slide
8650FM, 8655FM Heavy-Duty Soft-Close Drawer Slide
3810, 8815 Heavy-Duty Drawer Slide39
8820 Heavy-Duty Metal Cabinet Drawer Slide
8850FM Heavy-Duty Soft-Close Drawer Slide
3900 Extra Heavy-Duty Full Extension Drawer Slide
3908 Extra Heavy-Duty Full Extension Locking Drawer Slides 43
Specialty
Drawer Slides 44
3300 Corrosion Resistant Finish Drawer Slide
6400 Stainless Steel Drawer Slide
3000 Over Travel Undermount Pantry Drawer Slide 47
Overhead Door
and Desk Slides 48
3150, 8157 3/4 Extension Variable Height Keyboard Slide
3250 3/4 Extension Variable Height Pencil or Center Drawer Slide 50
3050 Hinged Door Slide51
Door Slides
and Hinge Kits
3070, 8071, 8072 Pivot Door Slides
3080, 8081, 8082 Pivot Door Slides
3091, 8092 Pivot Door Slides55
lx4 Pocket Door Full Overlay Kit56
(V Pocket Door Hinge Kits

### How to Choose a Drawer Slide

Each drawer slide model has unique performance characteristics that are determined by the intended application for which it is designed. There are many different slides available for a variety of applications. Therefore, choose the slide that best fits your application.

**Length:** Slide length is a key characteristic. The choice of slide length depends on the length of the material for the application in use. The most common application is with drawers. Example: kitchen cabinets have a standard of 24" depth. Common kitchen cabinet drawers have a length of 22" so a 21" drawer slide is generally used.

**Travel**: The maximum extension compared to the closed length. Most slides are either 3/4 or full travel. Special extension lengths are available with modified travel.

- A 3/4 travel slide extends to approximately 75% of the slide's length.
- A full travel slide extends so that the drawer's back wall is even with the front of the cabinet - approximately equal to the slide's length.
- An over travel slide extends beyond the front of the cabinet frame by 1-2".

**Width**: Drawer width affects the synchronization of the drawer slides. In applications with wide drawers (24" <), the user has more leverage which can cause racking of the drawer\*. Excessive racking can degrade performance and shorten the slide's life. For wider drawer applications we recommend slides designed for the width of the drawer.

Action: The type of mechanism used to carry the load affects slide performance, motion, noise, and the "fit and feel." KV slides feature rollers, ball-bearings, friction fits, or any combination in achieving movement. In general, superior action requires more rollers or ball-bearings to support and distribute large loads.

**Size**: In addition to a slide's load rating, the physical size of the drawer and its usage is a consideration. Drawers having unusual width, depth, or height require careful consideration to determine which slide best suits the application.

**Operating Clearance**: Drawer slides operate within a specified clearance (the space between the drawer and the case). The clearance must be strictly held within the specified tolerances. When the clearance is too wide or too narrow, the slide will experience additional forces and stresses that will reduce its expected performance and life.

Case Goods Construction and Materials: Slides perform better when mounted in rigidly constructed furniture. Construction with soft or thin materials often results in flexing. This causes the drawer to rack from side to side, placing considerable stress on the slides. Do not use drawer slides to provide structure for the application.

#### **Application Factors**

Location of Pull: The location of the drawer handle affects slide performance. Center pull positions are recommended because they permit an even pull force for both slides. Side or edge pulls rely on the user to put even force on the drawer when opening. However, the pull force can quickly be out of sync due to a person having more strength in one hand (dominant hand). The result is more force on one slide than the other. This may cause the drawer to rack. The additional side force may hinder performance and does shorten the slide's life.

**Installation**: Most slide designs require installation in a single position. Carefully study the application before installing the slides in different or abnormal positions.

**Orientation**: Slides should not be installed in an orientation other than for their intended usage. For example, a slide designed for Side-mounting may lose 75 percent or more of its load carrying capacity if mounted flat underneath a drawer.

**Location**: Drawer construction, pull position, and type of load are all key considerations to determine the best location to fasten the slides.

**Balance**: Most slides are designed for use in pairs. For example, suspending a load from just one side (cantilevered load) causes excessive stress and may result in premature slide failure.

**Fastening**: For best performance, slides require proper fastening. Use the recommended fasteners in sufficient quantity to properly secure the slide. Too few fasteners can cause the slide to pull loose and cause damage. Abnormal fastening methods should be carefully evaluated. Methods such as gluing, riveting, or welding may have unanticipated effects on the installation and operation of the slide.

#### **Load Factors**

**Alignment**: Properly aligned slides run in a synchronized manner maintaining a simultaneous rate of extension upon opening and closing. Therefore, when the slides are aligned, racking does not occur and the smoother the drawer will operate.

Load Ratings: KV designates drawer slides in "Pound Class" categories and uses dynamic (rather than static) loading to determine load ratings. The "Pound Class" categories are used within the slide industry as general guidelines for drawer slide selection. These categories are not the same as actual load ratings. Load ratings vary based on slide length, application, and case goods construction. The categories provide a reference point in selecting which slide may fit a particular application. The Pound Class designations are not intended as a substitute for actual product testing. Proper slide selection may be significantly different from the Pound Class designation, depending on the application or other use factors. Representative testing of the selected drawer slide in the fully configured application is the only way to assure proper performance, durability, and safety.

**Static Loads**: A load is at rest - no motion. Static load capacity is higher than dynamic load capacity.

**Dynamic Loads**: A load in motion. Slides must withstand more forces when in motion than when still. Dynamic loads are the limiting factor affecting the life and performance of any slide.

Other factors affecting performance are:

- An even or uneven load distribution
- The number of cycles
- The speed or frequency of cycles
- The length of the cycle stroke
- The percent of travel
- The stopping force and distance

**Abnormal Loads/Vibration**: Shipping, abusive loads, and impact loads—even in short duration—put large stresses on the slide and can cause immediate or premature failure. Excessive or continuous vibrations can also reduce slide performance and life.

**Corrosion**: Excessive humidity, salts, or other chemical agents can corrode the finish and attack metal or plastic components. The effects may be immediate, or they may develop over time.

**Lubrication**: Knape & Vogt lubricates slides at the factory. However, contaminants such as dirt, filings, sawdust, paints, etc. can rapidly break down the effectiveness of the factory-applied lubricant.

**Temperature:** Extreme high or low temperatures can cause lubricants viscosity to change. Extreme temperatures caused by equipment such as finishing ovens can deteriorate a slide's plastic and rubber components.

**Finishing**: Over-spray from stains, paints, varnishes, or other finishing agents may degrade the quality of a slide's "fit and feel." These types of chemical agents can also attack plastic, rubber, and metal slide components. It's important to properly mask or otherwise protect installed slides before finishing furniture and cabinetry.

Proper slide choice and installation are keys to long and problem-free operation. KV strongly recommends that manufacturers test representative samples of the complete application. Appropriate industry standards should be followed to assure proper performance, durability, and safety.

\*Drawer Racking: situation that occurs when uneven pull force is applied to the drawer slides which prevents the synchronized extension of the slides. The result is the drawer advancing with an uneven, side-to-side motion.

# Drawer Slides Quick Reference Guide

			Slic	de Type	е		Extensio	n		Disc	onnect 1	Гуре			0	pen/Clo	ose Fea	tures			
Part Number	Mounting Stylem	Load Glass	Roller Bearing	Ball-Bearing	Undermount	3/4 Extension	Full Extension	1" Over Travel	No Disconnect	Friction Release	Lever Release	Lift Out	Quick Disconnect (QD RAIL)	Hold In Anti-Rebound	Hold-Out / Open	Lock-In	Lock Open	Self-Close	Push-to-Open	Soft-Close	Sheif Tabs
Light-Duty Slides																					
1175	Under	50	•			•						•									
1300	Side	75	•			•					•				•						
1805	Side	75	•			•						•		•	•		•	•			
8350	Side	75		•		•					•			•							
4400	Side	65		•			•				•			•							
4450	Side	65		•			•				•									•	
700 Series	Under	66			•	•					•									•	
Medium-Duty Slides																					
800 Series	Under	88			•		•				•							•			
900 Series	Under	75			•		•				•			•						•	
8400	Side	100		•			•				•			•							
8405	Side	90		•				•			•			•							
8407	Side	100		•			•				•			•							•
8414	Side	100		•			•				•			•	•						
8417	Side	100		•			•				•			•				•			
8419	Side	90		•				•			•			•				•			
8400RV	Side	100		•			•				•			•							
8450FM	Side	100		•			•				•			•						•	
8455FM	Side	90									•			•						•	
GS2070	Under	75			•		•				•			•						•	
GS4200	Side	100					•				•			•							
GS4205	Side	90		•				•			•			•							
GS4260	Side	100					•														
GS4270	Side	100		•			•				•									•	
TT100	Side	100												•							
DUR4500	Side	100		•			•				•			•							
Heavy-Duty Slides	Oldo	100												_							
6500	Side	125		•			•				•			•							
6505	Side	125												•							
8500	Side	150		•			•						•	•							
8505	Side	150		•									•	•							
8520	Side	175		•				-					•	•							
				•									•	•							
8525 8600	Side Side	175 150		•			•	_			•			•							
8605	Side	140						•			•			•							
8650FM	Side	150		•			•	-			•			•						•	
8655FM	Side	140		•			•	•						•							
8810	Side	200		•			•				•			•						•	
8815	Side	200		•				•			•			•							
8820	Side	200		•			•				•			•							
											•										
8850FM 8900	Side Side	200		•			•		•					•						•	
8900	Side	150-500 150-500		•			•		•												
Specialty Slides	Side	150-500							i							i	i				
6300	Side	100		•			•				•			•							
6400	Side	100		•			•				•			•							
8000	Under	130		•				•				•		•							
8505T	Side	150		•				•					•	•							
8520T	Side	175		•			•						•	•							
8525T	Side	175		•				•					•	•							
4461D	Under	75		•																	
8150	Under	75		•		•					•			•	•						
8157	Under	75				•					•			•	•						
0137																					

# Ball-Bearing Slides: Suggested Product Application Matrix

									Rec	omn	nenc	ded A	\ppli	cati	ons																А	vaila	ble :	Stoc	k Siz	zes								
Part Number	Kitchen Cabinets	Bathroom Vanities	Desk & Credenza Box Drawers	Cabinetry	Mill Work	Lateral Files	Keyboard & Tray Units	Store Fixtures	Institutional Furniture	Fine Cabinetry	Wet/Corrosive Environments	Kitchen Pantries	Up & Over Hinge Doors	Entertainment Centers	Storage Cabinetry	Heavy-Duty Storage	Desk Trays	Pull-out Work Surfaces	Work Stations, Tool Storage	RV Vehicles, Mobile Carts	Automotive	Undermount Applications	Metal Cabinets and Drawers	.8	10"	12"	13"	14"	15"	16"	20"	22"	24"	26"	28"	30"	32"	34"	36"	40"	42"	48"	.09	Special Order Only
4400	•	•	•	•																				П	•	•		•				•	•	•	•									
4450	•	•	•	•																					•	•		•				•	•											
6300	Т										•														•	•		•				•	•	•	•		Г							
6400											•														•	•		•				•	•	•	•									
6500	Т		•					•	•																	•		•		• •		•	•	•	•									
6505			•					•	•																	•		•		•		•	•	•	•									
8000												•														•						•	•	•	•									
8050EZ																										•		•				•	•											
8070EZ														•												•																		
8071EZ														•												•		•				•	•											
8072EZ														•												•		•			+													
8080EZ															•											•							•											
8081EZ														•	•											•		•					•											
8082EZ															•											•		•			+		•											
8091									•						-	•															+					•								
																										_					+													
8092									•					•		•										•	•	•		• •		•	•	ι.	•	•								
8150	-						•																					•		• •	+													
8157							•																					•		• •														
8250																	•								•	•		•		• •	-	•												
8350			•	•	•																					•		•		• •		•												
8400	_		•	•	•																			٠	•	٠		•		• •	•	•	•	•	•									
8405			•	•	•																				•	•		•		• •	•	•	•	•	•									
8407	$\perp$		•	•	•																				•	٠		•		• •	•	•	•	•	•									
8414																		•							•	•		•		• •	•	•	•											
8417	•			٠					٠																	٠		•		• •	•	•	•	•										
8419	•			•					•																			•		• •	•	•	•	•										
8420															_								•							• •	•	•												
8400RV																				•					•	٠		•		• •	•	•	•	•	•									
8450FM			•	•	•																					•		•		•	•	•	•	•	•									
8455FM			•	•	•																									• •	•	•	•	•	•									
8500			•	•	•																					•		•		•	•	•	•	•	•	•								
8505			•	•	•																					•		•		• •	•	•	•	•	•	•								
8520			•			•																								• •	•													
8525			•			•																								•	•													
8600			•	•	•			•	•						•	•			•							•		•		•	•	•	•	•	•									
8605								•	•						•	•			•							•		•		•	•	•	•	•	•									
8650FM				•				•	•						•	•			•									•		•	•	•	•	•	•									
8655FM				•				•	•						•	•			•											-	•	•	•	•	•									
8810				•	•			•								•									•	•		•		•	•	•	•	•	•									
8815				•	•			•								•										•		•		•   •	•	•	•	•	•									
8820																							•							•	Ė	•		•										
8850FM				•	•			•								•										•		•			•	•	•	•	•									
8900																•			•		•				•	•		•				•	•	•	•	•	•	•	•	•	•	•	•	
8908																•			•	٠	•					•		•			•	•	•	•	•	•	٠	•	•	•	•	•	•	
GS4200			•	•	•																				•	•		•				•	•	•	•									
GS4205			•		•																				•	•																		
GS4260				•					•																•	•		•			+	•	•	•	•									
GS4270			•	•	•																					•		•				•	•	•	•									
TT100			•	•	•																				•	•		•				•	•	•	•									

# Roller Bearing Slides: Suggested Product Application Matrix

			Reco	mmer	ided A	pplicat	tions										А	vailabl	e Stoc	k Size	S							
Part Number	Kitchen Cabinets	Bathroom Vanities	Architectural Woodwork	Residential Furniture	Institutional Furniture	Office Furniture	Store Fixtures	Work Benches	Fine Cabinetry	Special Order Only	12"	14"	16"	18"	20"	22"	22-5/8"	24"	26"	28"	300mm	350mm	400mm	450mm	500mm	550mm	600mm	650mm
1175	•	•												•	•	•	•	•										
1300	•	•	•				•				•	•	•	•	•	•		•	•	•								
1805	•	•	•	•																	•	•	•	•	•	•	•	

### Undermount Drawer Slide Size Guide

					A	vailabl	e Stoc	k Size	S				
Part Number	9"	10"	12"	14"	15"	16"	18"	20"	21"	22"	24"	27"	30"
GS2070	•		•		•		•		•				
900 Series	•		•		•		•		•				
800 Series		•	•	•		•	•	•		•	•		
700 Series		•	•	•		•	•	•		•	•		



# Light-Duty Drawer Slides

1175 3/4 Extension Center Under Drawer Slide
1300 3/4 Extension Drawer Slides
1805 Epoxy-Coated Drawer Slide
8350 3/4 Extension Drawer Slides
4400 Low Profile Full Extension Drawer Slide
4450 Low Profile Full Extension Soft-Close Drawer Slide

			Ту	ре	Ex	tens	ion	D	isco	nnec	t Typ	е	0	pen/	Clos	e Fe	ature	es		
	Mounting Style	Load Class	Roller Bearing	Ball-Bearing	3/4 Extension	Full Extension	1" Over Travel	No Disconnect	Friction Release	Lever Release	Lift Out	Quick Disconnect	Hold In Anti-Rebound	Hold-Out / Open	Lock Open	Self-Close	Push-to-Open	Soft-Close	Shelf Tabs	V-Notch Special Order
1175	Under	50	•		•						•									
1300	Side	75	•		•					•				•						
1805	Side	75	•		•						•		•	•		•				
8350	Side	75		•	•					•			•							
4400	Side	65		•		•				•			•							
4450	Side	65		•		•				•			•					•		

## 1175 3/4 Extension Center Under Drawer Slide





#### **Features**

- Mounts with staples or screws
- Drawers lift out for easy removal
- Recommended maximum drawer width 18"

Mounting:Under-drawerAction:RollersLoad Rating:50 lb. classHeight:1" [25.4mm]Finish:Zinc (ZC)

#### Configurations

Poly (P)	1 slide per bag with screws; 10 slides per carton
1175 Zinc (ZC) Finish	
Size	Poly (P)

Recommended Fasteners	KV Part	Finish	Qty
#6 x 1/2" Phillips Pan Head Screws	200106-5	Zinc (ZC)	1000

## 1300 3/4 Extension Drawer Slides



#### **Features**

- Positive stop lever
- · Stay close design
- Recommended maximum drawer width 18"
- 3/4 extension slide

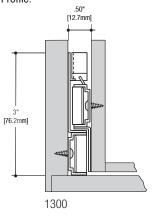
Mounting: Side

Action: Ball-bearing rollers Load Rating: 75 lb. class Height: 3" [76.2mm]

Clearance: .50" + .03" - 0" on each side

Finish: Zinc (ZC)

#### Profile:



#### Configurations

Bulk (B)	10 pairs per carton with	hout screws
Poly (P)	1 pair per bag with scre	ews; 10 pairs per carton
1300 Zinc (ZC) Fini	ish	
Size	Bulk (B)	Poly (P)
12"	_	1300P ZC 12
14"	1300B ZC 14	1300P ZC 14
16"	1300B ZC 16	1300P ZC 16
18"	1300B ZC 18	1300P ZC 18
20"	1300B ZC 20	1300P ZC 20
22"	1300B ZC 22	1300P ZC 22
24"	1300B ZC 24	1300P ZC 24
26"	-	1300P ZC 26
28"	_	1300P ZC 28

Recommended Fasteners	KV Part	Finish	Qty
#7 x 1/2" Phillips Pan Head Screws	8500-93	Zinc (ZC)	1000

#### **Mounting Brackets**



1303 Vertically Adjustable Side-Mounting Bracket

Product	Pack
1303	100 per carton



1123 PLAS Plastic Rear-Mounting Bracket

Product	Pack
1123 PLAS	500 per carton

# 1805 Epoxy-Coated Drawer Slide



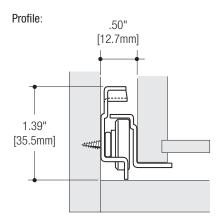
#### **Features**

- 32mm mounting hole pattern
- · Lift out disconnect
- · Self-close design
- Recommended maximum drawer width 18"

Mounting:SideAction:RollersLoad Rating:75 lb. classHeight:1.39" [35.5mm]

Clearance: .50" + .03" - 0" on each side

Finish: White (WH)



#### Configurations

Hefty (H)	1 pair per bag with screws; 20 pairs per carton		
Quantity (Q)	100 pairs per carton without screws; multiple cartons		
Taped Pair (T)	1 pair taped together without screws; 20 pairs per carton		per carton
1805 White (WH) Fini	sh		
Size	Hefty (H)	Quantity (Q)	Taped Pair (T)
300mm	1805H WH 300	1805Q WH 300	1805T WH 300
350mm	1805H WH 350	1805Q WH 350	1805T WH 350
400mm	1805H WH 400	1805Q WH 400	1805T WH 400
450mm	1805H WH 450	1805Q WH 450	1805T WH 450
500mm	1805H WH 500	1805Q WH 500	1805T WH 500
550mm	1805H WH 550	1805Q WH 550	1805T WH 550
600mm	_	1805Q WH 600	1805T WH 600

#### **Mounting Brackets**







1805-401 Left and right handed sockets (4" socket)

Product	Pack	Handed
1805-101P	10 pairs per carton	Left/Right
1805-101L BP	50 each per carton	Left
1805-101R BP	50 each per carton	Right
1805-401L BP**	500 each per carton	Left
1805-401R BP**	500 each per carton	Right



### 8350 3/4 Extension Drawer Slides



#### **Features**

- 32mm mounting hole pattern
- Lever disconnect permits easy drawer removal
- Non-handed design
- Recommended maximum drawer width 24"
- 3/4 extension drawer slide

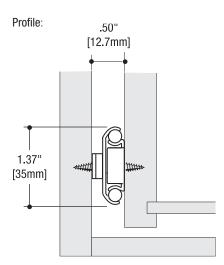
Mounting: Side

Action: Ball-bearing movement

Load Rating: 75 lb. class Height: 1.37" [35mm]

Clearance: .50" + .03" - 0" on each side

Finish: Anochrome (ANO)



#### Configurations





Bulk (B)	10 pairs per carton without screws		
8350 Anochrome (ANO) Finis	8350 Anochrome (ANO) Finish		
Size	Bulk (B)		
12"	8350B 12		
14"	8350B 14		
16"	8350B 16		
18"	8350B 18		
20"	8350B 20		
22"	8350B 22		

Non-stock item - minimum order quantities and additional lead time may apply.

Recommended Fasteners	KV Part	Finish	Qty
#7 x 1/2" Phillips Pan Head Screws	8500-93	Zinc (ZC)	1000

### 4400 Low Profile Full Extension Drawer Slide



#### **Features**

- · Lever release
- · Hold-in detent
- Recommended maximum drawer width 24"

Mounting: Side

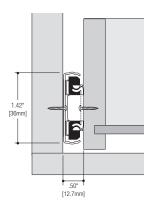
Action: Telescopic movement on ball-bearings

Load Rating: 65 lb. class Height: 1.42" [36mm]

Clearance: .50" + .03" - 0" on each side

Finish: Zinc (ZC)





#### Configurations



Bulk (B)	10 pairs per carton without screws	
4400 Zinc (ZC) Finish		
Size	Bulk (B)	
10" (250mm)	4400B 10	
12" (300mm)	4400B 12	
14" (350mm)	4400B 14	
16" (400mm)	4400B 16	
18" (450mm)	4400B 18	
20" (500mm)	4400B 20	
22" (550mm)	4400B 22	
24" (600mm)	4400B 24	
26" (650mm)	4400B 26	
28" (700mm)	4400B 28	

Non-stock item – minimum order quantities and additional lead time may apply.

**Recommended Fasteners** #6 x 1/2" Truss Head Screws

#### **Mounting Brackets**





Rear Mounting Bracket



Front Face Frame Bracket

Non-handed snap-on design

Product	Pack
4101B	20 per carton
4104B	20 per carton

### 4450 Low Profile Full Extension Soft-Close Drawer Slide



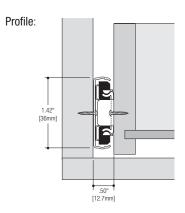
#### **Features**

- · Lever release
- · Soft-close module
- Recommended maximum drawer width 24"

Mounting: Side
Action: Soft-close
Load Rating: 65 lb. class
Height: 1.42" [36mm]

Clearance: .50" + .03" - 0" on each side

Finish: Zinc (ZC)



#### **Mounting Brackets**







Front Face Frame Bracket

Non-handed snap-on design

Product	Pack
4101B	20 per carton
4104B	20 per carton

#### Configurations



Bulk (B)	10 pairs per carton without screws
4450 Zinc (ZC) Finish	
Size	Bulk (B)
10" (250mm)	4450B 10
12" (300mm)	4450B 12
14" (350mm)	4450B 14
16" (400mm)	4450B 16
18" (450mm)	4450B 18
20" (500mm)	4450B 20
22" (550mm)	4450B 22
24" (600mm)	4450B 24

Recommended Fasteners	
#6 x 1/2" Truss Head Screws	

Less than Full Extension: 10" = 7.8" Extension



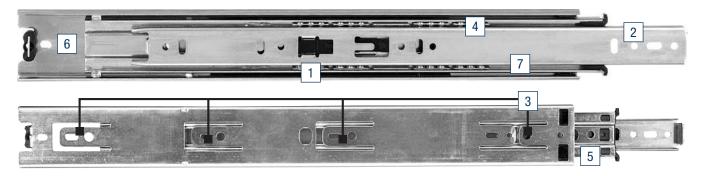
# Medium-Duty Drawer Slides

8400 Series Drawer Slides
8400 Full Extension Box or File Drawer Slide
8405 Over Travel Box or File Drawer Slide
8407 Full Extension Box or File Drawer Slide with Shelf Tabs
8414 Full Extension Hold-Out Precision Drawer Slide
8417, 8419, 8400RV Self-Closing Drawer Slides
8420 Metal Cabinet Drawer Slide
8450FM, 8455FM Soft-Close Drawer Slide
KV GSlide® GS4200, GS4205 Drawer Slide
KV GSlide® GS4260 Push-Open Drawer Slide
KV GSlide® GS4270 Soft-Close Drawer Slide
KV Tru-Trac® TT100 Full Extension Ball-Bearing Drawer Slide 26
KV DuriSlide <sup>™</sup> 4500 Ball-Bearing Drawer Slide

			Ту	ре	Ex	tensi	ion	D	isco	nnec	t Typ	е	0	pen/	/Clos	e Fe	ature	es	
	Mounting Style	Load Class	Roller Bearing	Ball-Bearing	3/4 Extension	Full Extension	1" Over Travel	No Disconnect	Friction Release	Lever Release	Lift Out	Quick Disconnect	Hold In Anti-Rebound	Hold-Out / Open	Lock Open	Self-Close	Push-to-Open	Soft-Close	Shelf Tabs
8400	Side	100		•		•				•			•						
8405	Side	100		•			•			•			•						
8407	Side	100		•		•				•			•						•
8414	Side	100		•		•				•			•	•					
8417	Side	100		•		•				•			•			•			
8419	Side	90		•			•			•			•			•			
8420	Side	100		•		•				•			•						
8400RV	Side	100		•		•				•			•			•			
8450FM	Side	100		•		•				•			•			•		•	
8455FM	Side	90		•			•			•			•			•		•	
GS4200	Side	100		•		•				•			•						
GS4205	Side	90		•		•				•			•						
GS4260	Side	100		•		•				•							•		
GS4270	Side	100		•		•				•								•	
TT100	Side	100		•		•				•			•						
DUR4500	Side	100		•		•				•			•						

### 8400 Series Drawer Slides





- 1. Push-in button for drawer disconnect is ergonomically designed for easy drawer removal.
- 2. Traditional and 32mm hole pattern supports industry standards for safely fastening slide in place.
- 3. Reversed flex tabs allow improved slide performance with side clearance tolerance adjustments.
- 4. Rolled ball-bearing raceway allows lateral loads to be carried by ball-bearings and not transferred to bushings sliding on metal.
- 5. Mounting hole is provided for face frame applications to eliminate the need for a separate bracket.
- 6. Access holes allow for drawer adjustments at full extension without removing drawer.
- 7. Lacquer finish provides superior corrosion resistance.

#### Self-Close Series Drawer Slides



Self-close slides use spring technology to close a drawer.

#### **Models and Descriptions:**

8417: Self-closing full extension

8419: Self-closing over travel drawer slide

8400RV: Heavy-duty self-closing full extension drawer slide

#### **Features and Benefits:**

- Self-close feature assist with the closing of a drawer and is fully integrated into the slide
- RV version has stronger springs to ensure closure in mobile applications

#### 8450FM Soft-Close Drawer Slide

The KV8450FM series incorporates state-of-the-art soft-close technology. The fully integrated soft-close module brings drawer box to a smooth, quiet and secure closure.

Collector increases closure performance



Optional rear mounting hole increases mounting options

#### 8450FM Series Features and Benefits

- Patented KV design incorporates dampening cylinder with balanced spring technology
- Soft-close module is fully integrated into an KV8400 style slide with same side clearance allowing cabinet makers to migrate directly to KV8450FM series products with no set up changes
- Exceeds KCMA, BHMA and BIFMA standards of performance: over 50,000 cycles including the soft-close module

### 8400 Full Extension Box or File Drawer Slide



#### **Features**

- 32mm hole pattern with direct access mounting
- Lever disconnect for easy drawer removal
- Non-handed design
- Recommended maximum drawer width 24"

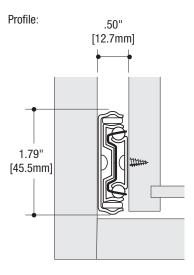
Mounting: Side

Action: Telescopic movement on ball-bearings

**Load Rating**: 100 lb. class **Height**: 1.79" [45.5mm]

Clearance: .50" + .03" - 0" on each side

Finish: Anochrome (ANO), Ebony Black (EB), White (WH)



#### **Mounting Brackets**











Product	Front or Rear	Finish	Pack
8401	Rear	Zinc (ZC)	20 brackets/carton
8402	Rear	Zinc (ZC)	20 brackets/carton
8402BBL	Rear	Zinc (ZC)	400 brackets/carton
8402WP	Rear	Zinc (ZC)	20 brackets/warehouse pack
8404**	Front	Zinc (ZC)	20 brackets/carton
8404B**	Front	Zinc (ZC)	100 brackets/carton
8404 EB**	Front	Ebony Black (EB)	20 brackets/carton
8404BBL**	Front	Zinc (ZC)	400 brackets/carton
8404B KIT**	Both	Zinc (ZC)	2 [8403] + 2 [8404] + screws

#### Configurations





Bulk (B)		10 pairs per carto	n without screws			
Poly (P)		1 pair per bag with	h screws; 10 pairs per carton			
Quantity	(Q)	50 pairs without s	50 pairs without screws; multiple cartons			
8400 An	ochrome (ANO) Finish					
Size	Bulk (B)	Poly (P)	Quantity (Q)			
8"	8400B 8	8400P 8	_			
10"	8400B 10	8400P 10	8400Q 10			
12"	8400B 12	8400P 12	8400Q 12			
14"	8400B 14	8400P 14	8400Q 14			
16"	8400B 16	8400P 16	8400Q 16			
18"	8400B 18	8400P 18	8400Q 18			
20"	8400B 20	8400P 20	8400Q 20			
22"	8400B 22	8400P 22	8400Q 22			
24"	8400B 24	8400P 24	8400Q 24			
26"	8400B 26	8400P 26	8400Q 26			
28"	8400B 28	8400P 28	8400Q 28			
8400 Eb	ony Black (EB) Finish					
Size	Bulk (B)	Poly (P)	Quantity (Q)			
12"	8400B EB 12	_	-			
14"	8400B EB 14	_	_			
16"	8400B EB 16	_	_			
18"	8400B EB 18	_	_			
20"	8400B EB 20	_	_			
22"	8400B EB 22	_	_			
24"	8400B EB 24	_	_			
8400 Wh	nite (WH) Finish					
Size	Bulk (B)	Poly (P)	Quantity (Q)			
14"	8400B WH 14		_			
16"	8400B WH 16	_	_			
18"	8400B WH 18	_	_			
20"	8400B WH 20	_	_			
22"	8400B WH 22	_	_			

Re	commended Fasteners	KV Part	Finish	Qty
	#7 x 1/2" Phillips Pan Head Screws	8500-93	Zinc (ZC)	1000
#/		8500-93 EB	Ebony Black (EB)	1000



### 8405 Over Travel Box or File Drawer Slide



#### **Features**

- 1" over travel for full access to drawer contents
- Lever disconnect for easy drawer removal
- Non-handed design
- Recommended maximum drawer width 24"

Mounting: Side

Action: Telescopic action on ball-bearings

**Load Rating**: 100 lb. class **Height**: 1.79" [45.5mm]

Clearance: .50" + .03" - 0" on each side
Finish: Anochrome (ANO), Ebony Black (EB)

Profile:

#### Configurations





Bulk (B)	10 pairs per cartor	10 pairs per carton without screws					
Poly (P)	1 pair per bag with	1 pair per bag with screws; 10 pairs per carton					
Quantity (Q)	50 pairs without so	50 pairs without screws; multiple cartons					
8405 Anochrom	e (ANO) Finish						
Size	Bulk (B)	Poly (P)	Quantity (Q)				
10"	8405B 10	8405P 10					
12"	8405B 12	8405P 12	8405Q 12				
14"	8405B 14	8405P 14	8405Q 14				
16"	8405B 16	8405P 16	8405Q 16				
18"	8405B 18	8405P 18	8405Q 18				
20"	8405B 20	8405P 20	8405Q 20				
22"	8405B 22	8405P 22	8405Q 22				
24"	8405B 24	8405P 24	8405Q 24				
26"	8405B 26	8405P 26	8405Q 26				
28"	8405B 28	8405P 28	8405Q 28				
8405 Ebony Blad	ck (EB) Finish						
Size	Bulk (B)	Poly (P)	Quantity (Q)				
10"	8405B EB 10	_	_				
12"	8405B EB 12	_	_				
14"	8405B EB 14	_	_				
16"	8405B EB 16	_	_				
18"	8405B EB 18	_	-				
20"	8405B EB 20	_	-				
22"	8405B EB 22	_	-				
24"	8405B EB 24	_	_				

Non-stock item – minimum order quantities and additional lead time may apply.

Recommended Fasteners	KV Part	Finish	Qty
#7 x 1/2" Phillips Pan Head Screws	8500-93	Zinc (ZC)	1000

#### **Mounting Brackets**







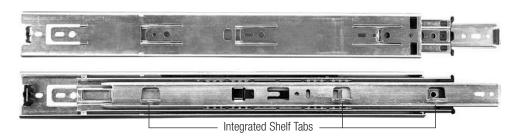
8402



Product	Front or Rear	Finish	Pack
8401	Rear	Zinc (ZC)	20 brackets/carton
8402	Rear	Zinc (ZC)	20 brackets/carton
8402BBL	Rear	Zinc (ZC)	400 brackets/carton
8402WP	Rear	Zinc (ZC)	20 brackets/warehouse pack
8404**	Front	Zinc (ZC)	20 brackets/carton
8404B**	Front	Zinc (ZC)	100 brackets/carton
8404 EB**	Front	Ebony Black (EB)	20 brackets/carton
8404BBL**	Front	Zinc (ZC)	400 brackets/carton
8404B KIT**	Both	Zinc (ZC)	2 [8403] + 2 [8404] + screws



### 8407 Full Extension Box or File Drawer Slide with Shelf Tabs





#### **Features**

- 32mm hole pattern with direct access mounting
- Lever disconnect for easy drawer removal
- · Integrated shelf tabs
- Recommended maximum drawer width 24"

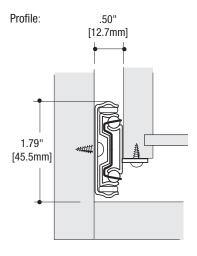
Mounting: Side

Action: Telescopic movement on ball-bearings

**Load Rating**: 100 lb. class **Height**: 1.79" [45.5mm]

Clearance: .50" + .03" - 0" on each side

Finish: Anochrome (ANO)



#### Configurations



Bulk (B)	10 pairs per carto	10 pairs per carton without screws				
Poly (P)	1 pair per bag wit	1 pair per bag with screws; 10 pairs per carton				
8407 Anochroi	me (ANO) Finish					
Size	Bulk (B)	Poly (P)				
10"	8407B 10	_				
12"	8407B 12	-				
14"	8407B 14	_				
16"	8407B 16	8407P 16				
18"	8407B 18	8407P 18				
20"	8407B 20	8407P 20				
22"	8407B 22	8407P 22				
24"	8407B 24	-				
26"	8407B 26	_				

Recommended Fasteners	KV Part	Finish	Qty
#7 x 1/2" Phillips Pan Head Screws	8500-93	Zinc (ZC)	1000

#### **Mounting Brackets**







8402



6	8404

Product	Front or Rear	Finish	Pack
8401	Rear	Zinc (ZC)	20 brackets/carton
8402	Rear	Zinc (ZC)	20 brackets/carton
8402BBL	Rear	Zinc (ZC)	400 brackets/carton
8402WP	Rear	Zinc (ZC)	20 brackets/warehouse pack
8404**	Front	Zinc (ZC)	20 brackets/carton
8404B**	Front	Zinc (ZC)	100 brackets/carton
8404 EB *	Front	Ebony Black (EB)	20 brackets/carton
8404BBL**	Front	Zinc (ZC)	400 brackets/carton
8404B KIT**	Both	Zinc (ZC)	2 [8403] + 2 [8404] + screws



### 8414 Full Extension Hold-Out Precision Drawer Slide



#### **Features**

- 32mm hole pattern with direct access mounting
- Lever disconnect for easy drawer removal
- Hold-out feature holds slide in place when drawer is open
- Recommended maximum drawer width 24"

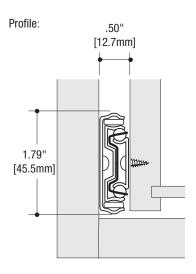
Mounting: Side

Action: Telescopic movement on ball-bearings

Load Rating: 100 lb. class Height: 1.79" [45.5mm]

Clearance: .50" + .03" - 0" on each side

Finish: Anochrome (ANO)



### Configurations W WOODWORK



Bulk (B)	10 pairs per cartor	10 pairs per carton without screws		
Poly (P)	1 pair per bag with	1 pair per bag with screws; 10 pairs per carton		
8414 Anochro	8414 Anochrome (ANO) Finish			
Size	Bulk (B)	Poly (P)		
10"	8414B 10	_		
12"	8414B 12	8414P 12		
14"	8414B 14	8414P 14		
16"	8414B 16	8414P 16		
18"	8414B 18	8414P 18		
20"	8414B 20	8414P 20		
22"	8414B 22	8414P 22		
24"	8414B 24	8414P 24		

Recommended Fasteners	KV Part	Finish	Qty
#7 x 1/2" Phillips Pan Head Screws	8500-93	Zinc (ZC)	1000

#### **Mounting Brackets**









0	
0	8404

Product	Front or Rear	Finish	Pack
8401	Rear	Zinc (ZC)	20 brackets/carton
8402	Rear	Zinc (ZC)	20 brackets/carton
8402BBL	Rear	Zinc (ZC)	400 brackets/carton
8402WP	Rear	Zinc (ZC)	20 brackets/warehouse pack
8404**	Front	Zinc (ZC)	20 brackets/carton
8404B**	Front	Zinc (ZC)	100 brackets/carton
8404 EB**	Front	Ebony Black (EB)	20 brackets/carton
8404BBL**	Front	Zinc (ZC)	400 brackets/carton
8404B KIT**	Both	Zinc (ZC)	2 [8403] + 2 [8404] + screws



## 8417, 8419, 8400RV Self-Closing Drawer Slides



#### **Features**

- 32mm hole pattern with direct access mounting
- · Self-closing feature
- 8400RV features a stronger spring for mobile applications
- Recommended maximum drawer width 24"

Extension: 8417: Self-closing full extension drawer slide

8419: Self-closing 1" over travel drawer slide

8400RV: Heavy-Duty self-closing full extension drawer slide

Mounting: Side

Action: Telescopic movement on ball-bearings

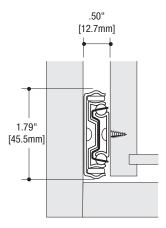
Load Rating: 100 lb. class (8417/8400RV); 90 lb. class (8419)

Height: 1.79" [45.5mm]

Clearance: .50" + .03" - 0" on each side

Finish: Anochrome (ANO)

#### Profile:



#### **Mounting Brackets**







Product	Front or Rear	Finish	Pack
8403	Rear	Zinc (ZC)	20 brackets/carton
8403BBL	Rear	Zinc (ZC)	400 brackets/carton
8404	Front	Zinc (ZC)	20 brackets/carton
8404B	Front	Zinc (ZC)	100 brackets/carton
8404 EB	Front	Ebony Black (EB)	20 brackets/carton
8404BBL	Front	Zinc (ZC)	400 brackets/carton
8404B KIT	Both	Zinc (ZC)	2 [8403] + 2 [8404] + screws

#### Configurations





Poly (P)         1 pair per bag with screws; 10 pairs per carton           8417 Anochrome (ANO) Finish           Size         Bulk (B)         Poly (P)           12"         8417B 12         8417P 12           14"         8417B 14         8417P 14           16"         8417B 16         8417P 16           18"         8417B 18         8417P 18           20"         8417B 20         8417P 20           22"         8417B 22         8417P 22           24"         8417B 24         8417P 24           26"         8417B 26         8417P 26           8419B 26         8419P 26           8419B 14         8419P 14           16"         8419B 16         8419P 16           18"         8419B 18         8419P 18           20"         8419B 20         8419P 20           22"         8419B 22         8419P 20           22"         8419B 24         8419P 24           26"         8419B 24         8419P 26           8400RV Anochrome (ANO) Finish           Size         Bulk (B)         Poly (P)           10"         8400BRV 10         —	Bulk (B)	10 pairs per carton wit	10 pairs per carton without screws		
Size         Bulk (B)         Poly (P)           12"         8417B 12         8417P 12           14"         8417B 14         8417P 14           16"         8417B 16         8417P 16           18"         8417B 18         8417P 18           20"         8417B 20         8417P 20           22"         8417B 22         8417P 22           24"         8417B 24         8417P 24           26"         8417B 26         8417P 26           8419 Anochrome (ANO) Finish         8419B 26         8419P 26           8419 Anochrome (ANO) Finish         8419B 14         8419P 14           16"         8419B 16         8419P 14           16"         8419B 18         8419P 18           20"         8419B 20         8419P 18           20"         8419B 22         8419P 20           22"         8419B 24         8419P 22           24"         8419B 26         8419P 26           8400RV Anochrome (ANO) Finish         8400RV 10         —           12"         8400BRV 10         —           12"         8400BRV 16         —           16"         8400BRV 16         —           16"         8400BRV 20	Poly (P)	1 pair per bag with scr	1 pair per bag with screws; 10 pairs per carton		
12" 8417B 12 8417P 12 14" 8417B 14 8417P 14 16" 8417B 16 8417P 16 18" 8417B 18 8417P 18 20" 8417B 20 8417P 20 22" 8417B 22 8417P 22 24" 8417B 24 8417P 26 8419 Anochrome (ANO) Finish Size Bulk (B) Poly (P) 14" 8419B 14 8419P 14 16" 8419B 18 8419P 18 20" 8419B 20 8419P 20 22" 8419B 22 8419P 20 22" 8419B 20 8419P 20 24" 8419B 20 8419P 20 25" 8419B 20 8419P 20 26" 8419B 20 8419P 20 26" 8419B 20 8419P 20 27" 8400BRV 10 ———————————————————————————————————	8417 Anochrome (	(ANO) Finish			
14"       8417B 14       8417P 14         16"       8417B 16       8417P 16         18"       8417B 18       8417P 18         20"       8417B 20       8417P 20         22"       8417B 22       8417P 22         24"       8417B 24       8417P 24         26"       8417B 26       8417P 26         8419 Anochrome (ANO) Finish       Size       Bulk (B)       Poly (P)         14"       8419B 14       8419P 14         16"       8419B 16       8419P 16         18"       8419B 18       8419P 18         20"       8419B 20       8419P 20         22"       8419B 22       8419P 22         24"       8419B 24       8419P 24         26"       8419B 26       8419P 26         8400RV Anochrome (ANO) Finish       Size       Bulk (B)       Poly (P)         10"       8400BRV 10       -         12"       8400BRV 10       -         12"       8400BRV 16       -         16"       8400BRV 16       -         18"       8400BRV 20       -         20"       8400BRV 20       -         22"       8400BRV	Size	Bulk (B)	Poly (P)		
16"       8417B 16       8417P 16         18"       8417B 18       8417P 18         20"       8417B 20       8417P 20         22"       8417B 22       8417P 22         24"       8417B 24       8417P 24         26"       8417B 26       8417P 26         8419 Anochrome (ANO) Finish         Size       Bulk (B)       Poly (P)         14"       8419B 14       8419P 14         16"       8419B 16       8419P 16         18"       8419B 18       8419P 18         20"       8419B 20       8419P 20         22"       8419B 22       8419P 22         24"       8419B 24       8419P 26         8400RV Anochrome (ANO) Finish         Size       Bulk (B)       Poly (P)         10"       8400BRV 10       —         12"       8400BRV 12       —         14"       8400BRV 16       —         16"       8400BRV 18       —         20"       8400BRV 20       —         22"       8400BRV 24       —         24"       8400BRV 24       —	12"	8417B 12	8417P 12		
18"     8417B 18     8417P 18       20"     8417B 20     8417P 20       22"     8417B 22     8417P 22       24"     8417B 24     8417P 24       26"     8417B 26     8417P 26       8419 26       8419 26       8419 26       8419 14       16"     8419B 14     8419P 14       16"     8419B 16     8419P 16       18"     8419B 18     8419P 18       20"     8419B 20     8419P 20       22"     8419B 22     8419P 22       24"     8419B 24     8419P 24       26"     8419B 26     8419P 26       8400RV Anochrome (ANO) Finish       Size     Bulk (B)     Poly (P)       10"     8400BRV 10     —       12"     8400BRV 12     —       14"     8400BRV 14     —       16"     8400BRV 18     —       20"     8400BRV 20     —       22"     8400BRV 24     —       26"     8400BRV 26     —	14"	8417B 14	8417P 14		
20" 8417B 20 8417P 20 22" 8417B 22 8417P 22 24" 8417B 24 8417P 24 26" 8417B 26 8417P 26 8419 Anochrome (ANO) Finish  Size Bulk (B) Poly (P)  14" 8419B 14 8419P 14 16" 8419B 16 8419P 16 18" 8419B 20 8419P 20 22" 8419B 22 8419P 22 24" 8419B 24 8419P 24 26" 8419B 26 8419P 26 8400RV Anochrome (ANO) Finish  Size Bulk (B) Poly (P)  10" 8400BV 10 - 12" 8400BV 14 - 16" 8400BV 16 - 18" 8400BV 26 - 22" 8419B 20 - 22" 8419B 20 - 24" 8400BV 20 - 24" 8400BV 20 - 22" 8400BV 20 - 22" 8400BV 24 - 26" 8400BV 24 - 26" 8400BV 26 -	16"	8417B 16	8417P 16		
22" 8417B 22 8417P 22 24" 8417B 26 8417P 24 26" 8417B 26 8417P 26 8419 Anochrome (ANO) Finish  Size Bulk (B) Poly (P)  14" 8419B 14 8419P 14 16" 8419B 16 8419P 16 18" 8419B 20 8419P 20 22" 8419B 22 8419P 22 24" 8419B 24 8419P 24 26" 8419B 26 8419P 26 8400RV Anochrome (ANO) Finish  Size Bulk (B) Poly (P)  10" 8400BRV 10 - 12" 8400BRV 12 - 14" 8400BRV 14 - 16" 8400BRV 16 - 18" 8400BRV 20 - 22" 8400BRV 20 - 22" 8400BRV 20 - 22" 8400BRV 20 - 22" 8400BRV 24 - 26" 8400BRV 24 - 26" 8400BRV 26 -	18"	8417B 18	8417P 18		
24"       8417B 24       8417P 24         26"       8417B 26       8417P 26         8419 Anochrome (ANO) Finish       Size       Bulk (B)       Poly (P)         14"       8419B 14       8419P 14         16"       8419B 16       8419P 16         18"       8419B 18       8419P 18         20"       8419B 20       8419P 20         22"       8419B 22       8419P 22         24"       8419B 24       8419P 24         26"       8419B 26       8419P 26         8400RV Anochrome (ANO) Finish       Size       Bulk (B)       Poly (P)         10"       8400BRV 10       -         12"       8400BRV 12       -         14"       8400BRV 14       -         16"       8400BRV 16       -         18"       8400BRV 20       -         22"       8400BRV 22       -         24"       8400BRV 26       -	20"	8417B 20	8417P 20		
26"       8417B 26       8417P 26         8419 Anochrome (ANO) Finish         Size       Bulk (B)       Poly (P)         14"       8419B 14       8419P 14         16"       8419B 16       8419P 16         18"       8419B 18       8419P 18         20"       8419B 20       8419P 20         22"       8419B 22       8419P 22         24"       8419B 24       8419P 24         26"       8419B 26       8419P 26         8400RV Anochrome (ANO) Finish       Size       Bulk (B)       Poly (P)         10"       8400BRV 10       —         12"       8400BRV 12       —         14"       8400BRV 12       —         14"       8400BRV 14       —         16"       8400BRV 18       —         20"       8400BRV 20       —         22"       8400BRV 24       —         24"       8400BRV 24       —         26"       8400BRV 26       —	22"	8417B 22	8417P 22		
8419 Anochrome (ANO) Finish           Size         Bulk (B)         Poly (P)           14"         8419B 14         8419P 14           16"         8419B 16         8419P 16           18"         8419B 18         8419P 18           20"         8419B 20         8419P 20           22"         8419B 22         8419P 22           24"         8419B 24         8419P 24           26"         8419B 26         8419P 26           8400RV Anochrome (ANO) Finish         Size         Bulk (B)         Poly (P)           10"         8400BRV 10         —           12"         8400BRV 12         —           14"         8400BRV 14         —           16"         8400BRV 16         —           18"         8400BRV 20         —           22"         8400BRV 20         —           22"         8400BRV 24         —           26"         8400BRV 26         —	24"	8417B 24	8417P 24		
Size         Bulk (B)         Poly (P)           14"         8419B 14         8419P 14           16"         8419B 16         8419P 16           18"         8419B 18         8419P 18           20"         8419B 20         8419P 20           22"         8419B 22         8419P 22           24"         8419B 24         8419P 26           8400RV Anochrome (ANO) Finish         Size         Bulk (B)         Poly (P)           10"         8400BRV 10         -           12"         8400BRV 12         -           14"         8400BRV 14         -           16"         8400BRV 16         -           18"         8400BRV 18         -           20"         8400BRV 20         -           22"         8400BRV 22         -           24"         8400BRV 24         -           26"         8400BRV 26         -	26"	8417B 26	8417P 26		
14"     8419B 14     8419P 14       16"     8419B 16     8419P 16       18"     8419B 18     8419P 18       20"     8419B 20     8419P 20       22"     8419B 22     8419P 22       24"     8419B 24     8419P 24       26"     8419B 26     8419P 26       8400RV Anochrome (ANO) Finish     ***       Size     Bulk (B)     Poly (P)       10"     8400BRV 10     -       12"     8400BRV 12     -       14"     8400BRV 14     -       16"     8400BRV 16     -       18"     8400BRV 18     -       20"     8400BRV 20     -       22"     8400BRV 24     -       26"     8400BRV 24     -       26"     8400BRV 26     -	8419 Anochrome (	(ANO) Finish			
16"     8419B 16     8419P 16       18"     8419B 18     8419P 18       20"     8419B 20     8419P 20       22"     8419B 22     8419P 22       24"     8419B 24     8419P 24       26"     8419B 26     8419P 26       8400RV Anochrome (ANO) Finish     ***       Size     Bulk (B)     Poly (P)       10"     8400BRV 10     -       12"     8400BRV 12     -       14"     8400BRV 14     -       16"     8400BRV 16     -       18"     8400BRV 18     -       20"     8400BRV 20     -       22"     8400BRV 24     -       26"     8400BRV 26     -	Size	Bulk (B)	Poly (P)		
18"     8419B 18     8419P 18       20"     8419B 20     8419P 20       22"     8419B 22     8419P 22       24"     8419B 24     8419P 24       26"     8419B 26     8419P 26       8400RV Anochrome (ANO) Finish     Size     Bulk (B)     Poly (P)       10"     8400BRV 10     -       12"     8400BRV 12     -       14"     8400BRV 14     -       16"     8400BRV 16     -       18"     8400BRV 18     -       20"     8400BRV 20     -       22"     8400BRV 22     -       24"     8400BRV 24     -       26"     8400BRV 26     -	14"	8419B 14	8419P 14		
20" 8419B 20 8419P 20 22" 8419B 22 8419P 22 24" 8419B 24 8419P 24 26" 8419B 26 8419P 26  8400RV Anochrome (ANO) Finish  Size Bulk (B) Poly (P)  10" 8400BRV 10 - 12" 8400BRV 12 - 14" 8400BRV 14 - 16" 8400BRV 16 - 18" 8400BRV 18 - 20" 8400BRV 20 - 22" 8400BRV 20 - 22" 8400BRV 24 - 26" 8400BRV 24 -	16"	8419B 16	8419P 16		
22" 8419B 22 8419P 22 24" 8419B 24 8419P 24 26" 8419B 26 8419P 26  8400RV Anochrome (ANO) Finish  Size Bulk (B) Poly (P)  10" 8400BRV 10 - 12" 8400BRV 12 - 14" 8400BRV 14 - 16" 8400BRV 16 - 18" 8400BRV 18 - 20" 8400BRV 20 - 22" 8400BRV 20 - 22" 8400BRV 24 - 26" 8400BRV 26 -	18"	8419B 18	8419P 18		
24"     8419B 24     8419P 24       26"     8419B 26     8419P 26       8400RV Anochrome (ANO) Finish     Size     Bulk (B)     Poly (P)       10"     8400BRV 10     -       12"     8400BRV 12     -       14"     8400BRV 14     -       16"     8400BRV 16     -       18"     8400BRV 18     -       20"     8400BRV 20     -       22"     8400BRV 22     -       24"     8400BRV 24     -       26"     8400BRV 26     -	20"	8419B 20	8419P 20		
26" 8419B 26 8419P 26  8400RV Anochrome (ANO) Finish  Size Bulk (B) Poly (P)  10" 8400BRV 10 -  12" 8400BRV 12 -  14" 8400BRV 14 -  16" 8400BRV 16 -  18" 8400BRV 18 -  20" 8400BRV 20 -  22" 8400BRV 20 -  22" 8400BRV 20 -  24" 8400BRV 24 -  26" 8400BRV 26 -	22"	8419B 22	8419P 22		
8400RV Anochrome (ANO) Finish           Size         Bulk (B)         Poly (P)           10"         8400BRV 10         —           12"         8400BRV 12         —           14"         8400BRV 14         —           16"         8400BRV 16         —           18"         8400BRV 18         —           20"         8400BRV 20         —           22"         8400BRV 22         —           24"         8400BRV 24         —           26"         8400BRV 26         —	24"	8419B 24	8419P 24		
Size         Bulk (B)         Poly (P)           10"         8400BRV 10         -           12"         8400BRV 12         -           14"         8400BRV 14         -           16"         8400BRV 16         -           18"         8400BRV 18         -           20"         8400BRV 20         -           22"         8400BRV 22         -           24"         8400BRV 24         -           26"         8400BRV 26         -	26"	8419B 26	8419P 26		
10" 8400BRV 10 — 12" 8400BRV 12 — 14" 8400BRV 14 — 16" 8400BRV 16 — 18" 8400BRV 18 — 20" 8400BRV 20 — 22" 8400BRV 22 — 24" 8400BRV 24 — 26" 8400BRV 26 —	8400RV Anochrom	ne (ANO) Finish			
12" 8400BRV 12 — 14" 8400BRV 14 — 16" 8400BRV 16 — 18" 8400BRV 18 — 20" 8400BRV 20 — 22" 8400BRV 22 — 24" 8400BRV 24 — 26" 8400BRV 26 —	Size	Bulk (B)	Poly (P)		
14"     8400BRV 14     -       16"     8400BRV 16     -       18"     8400BRV 18     -       20"     8400BRV 20     -       22"     8400BRV 22     -       24"     8400BRV 24     -       26"     8400BRV 26     -	10"	8400BRV 10	_		
16" 8400BRV 16 — 18" 8400BRV 18 — 20" 8400BRV 20 — 22" 8400BRV 22 — 24" 8400BRV 24 — 26" 8400BRV 26 —	12"	8400BRV 12	-		
18"     8400BRV 18     -       20"     8400BRV 20     -       22"     8400BRV 22     -       24"     8400BRV 24     -       26"     8400BRV 26     -	14"	8400BRV 14	-		
20" 8400BRV 20 – 22" 8400BRV 22 – 24" 8400BRV 24 – 26" 8400BRV 26 –	16"	8400BRV 16	-		
22" 8400BRV 22 – 24" 8400BRV 24 – 26" 8400BRV 26 –	18"	8400BRV 18	_		
24" 8400BRV 24 – 26" 8400BRV 26 –	20"	8400BRV 20	-		
26" 8400BRV 26 –	22"	8400BRV 22	_		
	24"	8400BRV 24	_		
28" 8400BRV 28 -	26"	8400BRV 26	-		
	28"	8400BRV 28	_		

Recommended Fasteners	KV Part	Finish	Qty
#7 x 1/2" Phillips Pan Head Screws	8500-93	Zinc (ZC)	1000

### 8420 Metal Cabinet Drawer Slide





#### **Features**

- Bayonet and Belt Loop Mount
- Lever disconnect for easy drawer removal
- Recommended maximum drawer width 24"

 Extension:
 8420: Full Extension

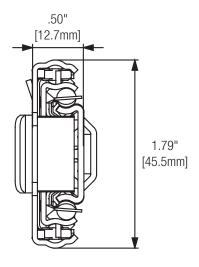
 Mounting:
 Side (Bayonet and Belt Loop)

 Action:
 Telescopic action on ball-bearings

**Load Rating: 8420:** 100 lb. class **Height:** 1.79" [45.5mm]

Clearance: .50" + .03" - 0" on each side
Finish: Anochrome (ANO), Ebony Black (EB)

#### Profile:



#### Configurations



Quantity (Q)	20 pairs without screws; multiple cartons		
8420 Anochrome (ANO) Finish			
Size	Quantity (Q)		
14"	8420Q 14		
16"	8420Q 16		
18"	8420Q 18		
20"	8420Q 20		
22"	8420Q 22		
24"	8420Q 24		
26"	8420Q 26		
28"	8420Q 28		

Non-stock item - minimum order quantities and additional lead time may apply.

## 8450FM, 8455FM Soft-Close Drawer Slide



#### **Features**

- Patented Force Management<sup>™</sup> (FM) soft-close technology
- 32mm hole pattern with direct access mounting
- · Lever disconnect for easy drawer removal
- · Non-handed design
- Recommended maximum drawer width 24"

Extension: 8450FM: Full extension

8455FM: 1" Over travel

Action: Telescopic movement on ball-bearings

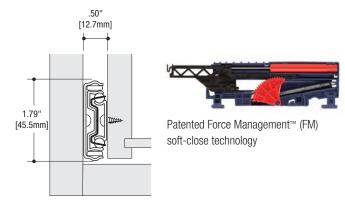
Load Rating: 8450FM: 100 lb. class

8455FM: 90 lb. class

Height: 1.79" [45.5mm]

Clearance: .50" + .03" - 0" on each side
Finish: Anochrome (ANO), Ebony Black (EB)

#### Profile:



#### **Mounting Brackets**







Flouuct	FIUIL UI NEAI	FIIIISII	rauk
8403	Rear	Zinc (ZC)	20 brackets/carton
8403BBL	Rear	Zinc (ZC)	400 brackets/carton
8404	Front	Zinc (ZC)	20 brackets/carton
8404B	Front	Zinc (ZC)	100 brackets/carton
8404 EB	Front	Ebony Black (EB)	20 brackets/carton
8404BBL	Front	Zinc (ZC)	400 brackets/carton
8404B KIT	Both	Zinc (ZC)	2 [8403] + 2 [8404] + screws

#### Configurations

Bulk (B)



10 pairs per carton without screws



Poly (P)	1 pair per bag with scr	1 pair per bag with screws; 10 pairs per carton		
8450FM Anochrome (ANO) Finish				
Size	Bulk (B)	Poly (P)		
12"	8450FMB 12	8450FMP 12		
14"	8450FMB 14	8450FMP 14		
16"	8450FMB 16	8450FMP 16		
18"	8450FMB 18	8450FMP 18		
20"	8450FMB 20	8450FMP 20		
22"	8450FMB 22	8450FMP 22		
24"	8450FMB 24	8450FMP 24		
26"	8450FMB 26	8450FMP 26		
28"	8450FMB 28	8450FMP 28		

8450FM Ebony Black (EB) Finish			
Size	Bulk (B)	Poly (P)	
14"	8450FMB EB 14	-	
16"	8450FMB EB 16	_	
18"	8450FMB EB 18	_	
20"	8450FMB EB 20	-	
22"	8450FMB EB 22	-	

8455FM Anochrome (ANO) Finish			
Size	Bulk (B)	Poly (P)	
16"	8455FMB 16	8455FMP 16	
18"	8455FMB 18	8455FMP 18	
20"	8455FMB 20	8455FMP 20	
22"	8455FMB 22	8455FMP 22	
24"	8455FMB 24	8455FMP 24	
26"	8455FMB 26	8455FMP 26	
28"	8455FMB 28	8455FMP 28	

Non-stock item – minimum order quantities and additional lead time may apply.

Recommended Fasteners	KV Part	Finish	Qty
#7 x 1/2" Phillips Pan Head Screws	8500-93	Zinc (ZC)	1000

Less than Full Extension: 12" = 10.2" Extension

# KV GSlide® GS4200, GS4205 Drawer Slide



#### **Features**

- 32mm hole pattern
- Lever disconnect for easy drawer removal
- · Hold-in detent
- Non-handed design
- Recommended maximum drawer width 24"

Extension: GS4200: Full extension

GS4205: 1" Over travel

Mounting: Side

Action: Telescopic movement on ball-bearings

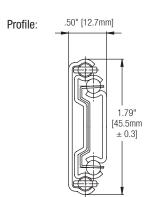
Load Rating: GS4200: 100 lb. class

GS4205: 90 lb. class

Height: 1.79" [45.5mm]

Clearance: .50" + .03" - 0" on each side

Finish: Zinc (ZC)



#### **Mounting Brackets**



Product	Front or Rear	Finish	Pack
GS4340 RB	Rear	Zinc (ZC)	200

#### Configurations

Bulk (B)	10 Pair and 1 set of instructions per box without screws
GS4200 Zinc (ZC) Finish	
Size	Bulk (B)
250mm	GS4200 10
300mm	GS4200 12
350mm	GS4200 14
400mm	GS4200 16
450mm	GS4200 18
500mm	GS4200 20
550mm	GS4200 22
600mm	GS4200 24
650mm	GS4200 26
700mm	GS4200 28
GS4205 Zinc (ZC) Finish	
Size	Bulk (B)
250mm	GS4205 10
300mm	GS4205 12
350mm	GS4205 14
400mm	GS4205 16
450mm	GS4205 18
500mm	GS4205 20
550mm	GS4205 22
600mm	GS4205 24
650mm	GS4205 26
700mm	GS4205 28

Non-stock item – minimum order quantities and additional lead time may apply.

Recommended Fasteners	KV Part	Finish	Qty
#7 x 1/2" Phillips Pan Head Screws	8500-93	Zinc (ZC)	1000

# KV GSlide® GS4260 Push-Open Drawer Slide



#### **Features**

- Push-open feature holds a drawer or tray
  in the closed position until activated by a slight push
- 32mm hole pattern
- Lever disconnect for easy drawer removal
- · Non-handed design
- Recommended maximum drawer width 24"

Mounting: Side

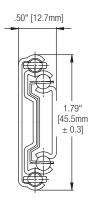
Action: Telescopic movement on ball-bearings

Load Rating: 100 lb. class Height: 1.79" [45.5mm]

Clearance: .50" + .03" - 0" on each side

Finish: Zinc (ZC)





#### **Mounting Brackets**



Product	Front or Rear	Finish	Pack
GS4340 RB	Rear	Zinc (ZC)	200

#### Configurations

Bulk (B)	10 Pair and 1 set of instructions per box without screws		
GS4260 Zinc (ZC) Finish			
Size	Bulk (B)		
250mm	GS4260 10		
300mm	GS4260 12		
350mm	GS4260 14		
400mm	GS4260 16		
450mm	GS4260 18		
500mm	GS4260 20		
550mm	GS4260 22		
600mm	GS4260 24		
650mm	GS4260 26		
700mm	GS4260 28		

Recommended Fasteners	KV Part	Finish	Qty
#7 x 1/2" Phillips Pan Head Screws	8500-93	Zinc (ZC)	1000

## KV GSlide® GS4270 Soft-Close Drawer Slide





#### **Features**

- · Soft-close module
- 32mm hole pattern
- · Lever disconnect for easy drawer removal
- Non-handed design
- Recommended maximum drawer width 24"

Mounting: Side

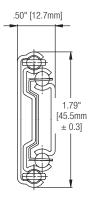
Action: Telescopic movement on ball-bearings

Load Rating: 100 lb. class Height: 1.79" [45.5mm]

Clearance: .50" + .03" - 0" on each side

Finish: Zinc (ZC)

Profile:



#### **Mounting Brackets**



Product	Front or Rear	Finish	Pack
GS4340 RB	Rear	Zinc (ZC)	200

#### Configurations

Bulk (B)	10 Pair and 1 set of instructions per box without screws
GS4270 Zinc (ZC) Finish	
Size	Bulk (B)
300mm	GS4270 12
350mm	GS4270 14
400mm	GS4270 16
450mm	GS4270 18
500mm	GS4270 20
550mm	GS4270 22
600mm	GS4270 24
650mm	GS4270 26
700mm	GS4270 28

Recommended Fasteners	KV Part	Finish	Qty
#7 x 1/2" Phillips Pan Head Screws	8500-93	Zinc (ZC)	1000

Less than Full Extension: 12" = 8.4" Extension; 14" = 11.9" Extension

# KV Tru-Trac® TT100 Full Extension Ball-Bearing Drawer Slide



#### **Features**

- For face framed and frameless construction
- 32mm and traditional hole pattern
- · Lever disconnect for easy drawer removal
- Non-handed design
- Recommended maximum drawer width 24"

Mounting: Side

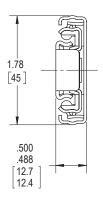
Action: Telescopic movement on ball-bearings

**Load Rating**: 100 lb. class **Height**: 1.79" [45.5mm]

Clearance: .50" + .03" - 0" on each side

Finish: Zinc (ZC)

#### Profile:



# Configurations

Bulk (B)	10 pairs per carton without screws	
TT100 Zinc (ZC) Finish		
Size	Bulk (B)	
250mm	TT100B 250	
300mm	TT100B 300	
350mm	TT100B 350	
400mm	TT100B 400	
450mm	TT100B 450	
500mm	TT100B 500	
550mm	TT100B 550	
600mm	TT100B 600	
650mm	TT100B 650	
700mm	TT100B 700	

Recommended Fasteners	KV Part	Finish	Qty
#7 x 1/2" Phillips Pan Head Screws	8500-93	Zinc (ZC)	1000

#### **Mounting Brackets**



Product	Front or Rear	Finish	Pack
TT401A	Rear	Zinc (ZC)	200 (10 Inner Boxes of 20 Brackets) Pallet Qty: 7,200 each
TT401AB	Rear	Zinc (ZC)	200 (200 Loose Brackets) Pallet Qty: 7,200 each

# KV DuriSlide<sup>™</sup> 4500 Ball-Bearing Drawer Slide



#### **Features**

- 32mm and traditional hole pattern
- Lever disconnect for easy drawer removal
- Non-handed design
- Recommended maximum drawer width 24"

Mounting: Side

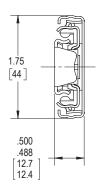
Action: Telescopic movement on ball-bearings

**Load Rating**: 100 lb. class **Height**: 1.79" [45.5mm]

Clearance: .50" + .03" - 0" on each side

Finish: Zinc (ZC)

#### Profile:



#### Configurations

Bulk (B)	10 pairs per carton wit	thout screws			
Quantity (Q)	'	20 cabinet members per carton, 100 drawer members per carton			
DUR4500 Zinc (ZC) Fi	nish				
Size	Bulk (B)	Quantity (Q)*			
250mm	DUR45B 250	-			
300mm	DUR45B 300	DUR45Q 300			
350mm	DUR45B 350	DUR45Q 350			
400mm	DUR45B 400	DUR45Q 400			
450mm	DUR45B 450	DUR45Q 450			
500mm	DUR45B 500	DUR45Q 500			
550mm	DUR45B 550	DUR45Q 550			
600mm	DUR45B 600	DUR45Q 600			
650mm	DUR45B 650	DUR45Q 650			
700mm	DUR45B 700	DUR45Q 700			

Non-stock item – minimum order quantities and additional lead time may apply.

Recommended Fasteners	KV Part	Finish	Qty
#7 x 1/2" Phillips Pan Head Screws	8500-93	Zinc (ZC)	1000

<sup>\*</sup> Drop Ship Full Container. Full pallet quantities vary by size.

#### **Mounting Brackets**



Product	Front or Rear	Finish	Pack
DUR45-RBKT	Rear	Zinc (ZC)	200 (10 Inner Boxes of 20 Brackets) Pallet Qty: 7,200 each
DUR45-RBKTB	Rear	Zinc (ZC)	200 (200 Loose Brackets) Pallet Qty: 7,200 each



# Undermount Drawer Slides

KV GSlide $^{\scriptsize @}$ GS2070 Full Extension Undermount Drawer Slide	29
Smart Slide Full Fit Power 900 Series Undermount	30
Smart Slide Full Power 800 Series Undermount	31
Smart Slide 700 Series Undermount	32

			Туре	Ex	tensi	on	[	Disco	nnec	t Type	е	(	pen/ Feat		е
	Mounting Style	Load Class	Undermount	3/4 Extension	Full Extension	1" Over Travel	No Disconnect	Friction Release	Lever Release	Lift Out	Quick Disconnect	Hold In Anti-Rebound	Hold-Out / Open	Self-Close	Soft-Close
S2070	Under	75	•		•				•			•			•
000 Series	Under	75	•		•				•						•
00 Series	Under	88	•		•				•						•
00 Series	Under	66	•	•					•						•

### KV GSlide® GS2070 Full Extension Undermount Drawer Slide



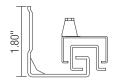


#### **Features**

- · Soft-close module
- For use with drawer material thickness from 1/2" to 5/8"
- 32mm hole pattern matches existing industry standards
- Full extension travel

Mounting:UndermountAction:Telescopic actionLoad Rating:75 lb. classHeight:1.80" [45.7mm]Finish:Zinc (ZC)

Profile:



#### **Outside Drawer Width Calculation**

Drawer Thickness	Deduct from Opening Width				
5/8" [16mm]	3/8" [10mm]				
9/16" [14mm]	9/16" [14mm]				
1/2" [13mm]	5/8" [16mm]				

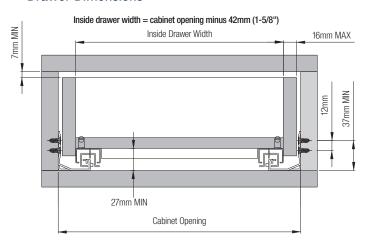
#### Configurations



Bulk (B)	6 pairs per carton without screws
2070 Zinc (ZC) Fir	nish
Size	Bulk (B)
12"	KVGS-2070AB 12
15"	KVGS-2070AB 15
18"	KVGS-2070AB 18
21"	KVGS-2070AB 21

Recommended Fasteners
#7 x 5/8" Flat Head Slide Mounting Screws
#7 x 3/4" Flat Head Front Mounting Clip Screws

#### **Drawer Dimensions**



#### **Mounting Brackets**

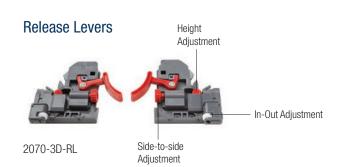






2070-RBMA Metal Rear Mounting Bracket All Lengths

Product	Description	Carton Quantity
2070-RBPA	Plastic rear mounting brackets	60
2070-RBMA	Metal rear mounting brackets	60



#### Release Lever Adjustment

	-			
Part Number	Height	Side-to-Side	In-Out:	Carton Quantity
2070-3D-RL	+ 1/8" [3mm]	± 1/16" [1.5mm] from center or +3mm total	+ 1/8" [3mm]	30

### Smart Slide Full Fit Power 900 Series Undermount



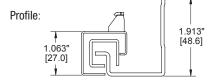


#### **Features**

- For use with drawer material thickness from 1/2" to 5/8"
- 32mm hole pattern matches existing industry standards
- · Lever disconnect for easy drawer removal
- Handed design
- Recommended maximum drawer width 42"
- Minimum drawer width using narrow locks 9"
- Soft-Close with Full extension travel

Mounting: Undermount Synchronication Action: Load Rating: 75 lb. class Height: 1.913" [48.6mm]

Finish: Zinc (ZC)

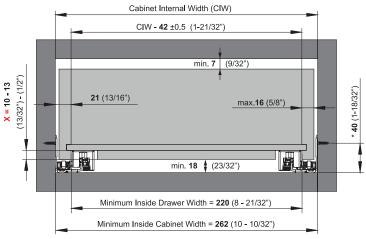


#### Configurations

Pack	6 pairs per carton
900 Series	
Size	Part
9"	KVSUMB 900 9
12"	KVSUMB 901 12
15"	KVSUMB 902 15
18"	KVSUMB 903 18
21"	KVSUMB 904 21

Recommended Fasteners #6 x 5/8" Wood Screws

#### **Drawer Dimensions**



<sup>\*</sup>In frameless bottom mounting application minimum height of screw center should be (\*) min. 42mm (1-21/32")

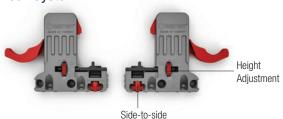
#### **Mounting Brackets**



KVSUMB B 102 Metal Rear Mounting Bracket All Lengths

Product	Description	Carton Quantity
KVSUMB B 102	Metal rear mounting brackets	180

#### Lock System



Adjustment

Smart 2D Lock System

 $\pm$ 1,5 mm (1/16") side-to-side and  $\pm$ 2 mm (3/32") up/down

Part Number	Handed	Size	Carton Quantity
KVSUMB LR 105	Right	Standard	120
KVSUMB LL 106	Left	Standard	120
KVSUMB LRN 109	Right	Narrow	120
KVSUMB LLN 110	Left	Narrow	120

### Smart Slide Full Power 800 Series Undermount







#### **Features**

- · Adaptive Soft Close Mechanism
- Perfect Synchronised Movement
- 2D Adjustment
- Maximum Drawer Box Material Thickness: 3/4" (19mm)
- · Smart Lock Front Locking Devices Sold Separately
- 25mm (1") Distance Brackets (Spacers) Available for Roll-Out Drawer Applications

Mounting: Undermount
Action: Synchronication
Load Rating: 88 lb. class
Height: 1.913" [48.6mm]

Finish: Zinc (ZC)



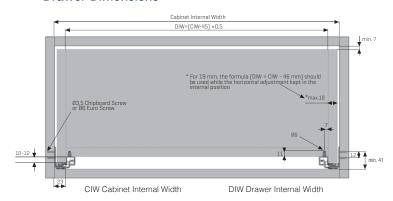
#### Configurations

Pack	6 pairs per carton
800 Series	
Size	Part
250mm	KVSUMB 800 10
300mm	KVSUMB 801 12
350mm	KVSUMB 802 14
400mm	KVSUMB 803 16
450mm	KVSUMB 804 18
500mm	KVSUMB 805 20
550mm	KVSUMB 806 22
600mm	KVSUMB 807 24

Non-stock item – minimum order quantities and additional lead time may apply.



#### **Drawer Dimensions**



#### **Mounting Brackets**



Product	Description	Carton Quantity
KVSBBB 107	Drawer slide distance brackets 25mm Right	50
KVSBBB 108	Drawer slide distance brackets 25mm Left	50

#### Templates





KVSUMB DT 100 KVSUMB DT 101

 Product
 Description
 Carton Quantity

 KVSUMB DT 100
 Drilling template
 1

 KVSUMB DT 101
 Lock drilling template
 10

#### Lock System



Smart 2D Lock System
Adjustment

 $\pm$ 1,5 mm (1/16") side-to-side and  $\pm$ 2 mm (3/32") up/down

Part Number	Handed	Size	Carton Quantity
KVSUMB LR 105	Right	Standard	120
KVSUMB LL 106	Left	Standard	120
KVSUMB LRN 107	Right	Narrow	120
KVSUMB LLN 108	Left	Narrow	120

### Smart Slide 700 Series Undermount



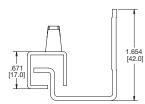


#### **Features**

- Adaptive Soft Close Mechanism
- Wide Range of Adjustment
- Soft Close Varieties
- 2D Adjustment
- Smart Lock Front Locking Devices Offer Tool-less Removal of Drawer Box
- Smart Lock Front Locking Devices Sold Separately

Mounting:UndermountAction:SynchronicationLoad Rating:66 lb. classHeight:1.654" [42.0mm]Finish:Zinc (ZC)

Profile:



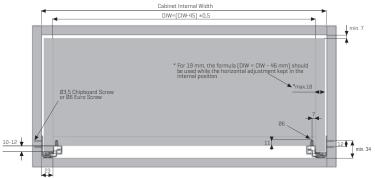
#### Configurations

Pack	12 pairs per carton
700 Series	
Size	Part
250mm	KVSUMB 700 10
300mm	KVSUMB 701 12
350mm	KVSUMB 702 14
400mm	KVSUMB 703 16
450mm	KVSUMB 704 18
500mm	KVSUMB 705 20
550mm	KVSUMB 706 22
600mm	KVSUMB 707 24

Non-stock item - minimum order quantities and additional lead time may apply.

Recommended Fasteners #6 x 5/8" Wood Screws

#### **Drawer Dimensions**



CIW Cabinet Internal Width

DIW Drawer Internal Width

#### **Mounting Brackets**



Product	Description	Carton Quantity
KVSBBB 107	Drawer slide distance brackets 25mm Right	50
KVSBBB 108 Drawer slide distance brackets 25mm Left		50

#### **Templates**

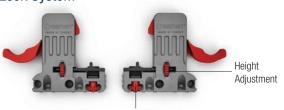




KVSUMB DT 101

Product	Description	Carton Quantity
KVSUMB DT 100	Drilling template	1
KVSUMB DT 101	Lock drilling template	10

#### Lock System



Side-to-side
Smart 2D Lock System

Side-to-side
Adjustment

 $\pm$ 1,5 mm (1/16") side-to-side and  $\pm$ 2 mm (3/32") up/down

Part Number	Handed	Size	Carton Quantity
KVSUMB LR 105	Right	Standard	120
KVSUMB LL 106	Left	Standard	120
KVSUMB LRN 107	Right	Narrow	120
KVSUMB LLN 108	Left	Narrow	120



# Heavy-Duty Drawer Slides

6500, 6505 Box or File Drawer Slide	34
8500, 8505 Heavy-Duty File or Lateral Drawer Slides	35
8520, 8525 Extra Heavy-Duty File or Lateral Drawer Slides	36
8600, 8605 Heavy-Duty Drawer Slide	37
8650FM, 8655FM Heavy-Duty Soft-Close Drawer Slide	36
8810, 8815 Heavy-Duty Drawer Slide	40
8820 Heavy-Duty Metal Cabinet Drawer Slide	41
8850FM Heavy-Duty Soft-Close Drawer Slide	42
8900 Extra Heavy-Duty Full Extension Drawer Slide	43
8908 Extra Heavy-Duty Full Extension Locking Drawer Slides	44

			Ту	ре	Ex	tens	ion	D	isco	nnec	t Typ	е			en/C eatur		
	Mounting Style	Load Class	Roller Bearing	Ball-Bearing	3/4 Extension	Full Extension	1" Over Travel	No Disconnect	Friction Release	Lever Release	Lift Out	Quick Disconnect	Hold In Anti-Rebound	Hold-Out / Open	Lock Open	Lock Closed	Soft-Close
6500	Side	125		•		•				•			•				
6505	Side	125		•			•			•			•				
8500	Side	150		•		•						•	•				
8505	Side	150		•			•					•	•				
8520	Side	175		•		•						•	•				
8525	Side	175		•			•					•	•				
8600	Side	150		•		•				•							
8605	Side	140		•			•			•							
8650FM	Side	150		•		•				•							•
8655FM	Side	140		•			•			•							•
8810	Side	200		•		•				•			•				
8815	Side	200		•			•			•			•				
8820	Side	200		•		•				•			•				
8850FM	Side	200		•		•				•							•
8900	Side	150-500		•		•		•									
8908	Side	150-500		•		•		•							•	•	

# 6500, 6505 Box or File Drawer Slide





6500

**Features** 

- · Lever disconnect for easy drawer removal
- Closed position hold-in detent
- Non-handed design
- Recommended maximum drawer width 30"

Extension: 6500: Full Extension

6505: 1" Over Travel

Mounting: Side

Action: Telescopic movement on ball-bearings

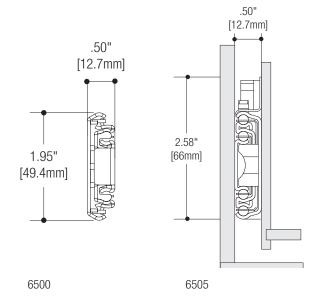
Load Rating: 6500: 125 lb. class

**6505**: 120 lb. class 1.95" [49.4mm]

**Height**: 1.95" [49.4mm] **Clearance**: .50" + .03" - 0" on each side

Finish: Zinc (ZC)

Profile:



#### Configurations



Bulk (B)	5 pairs per carton without screws
6500 Zinc (ZC)	Finish
Size	Bulk (B)
12"	6500B 12
14"	6500B 14
16"	6500B 16
18"	6500B 18
20"	6500B 20
22"	6500B 22
24"	6500B 24
26"	6500B 26
28"	6500B 28
6505 Zinc (ZC)	Finish
Size	Bulk (B)
12"	6505B 12
14"	6505B 14
16"	6505B 16
18"	6505B 18
20"	6505B 20
22"	6505B 22
24"	6505B 24
26"	6505B 26
28"	6505B 28

Recommended Fasteners
#7 x 1/2" Wood Screws

# 8500, 8505 Heavy-Duty File or Lateral Drawer Slides



#### **Features**

- 32mm hole pattern
- Non-handed quick disconnect drawer members
- Hold-in feature to prevent bounce back
- Recommended maximum drawer width

8500: 36" 8505: 30"

Extension: 8500: Full extension

8505: 1.25" over travel

Mounting: Side

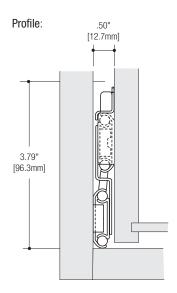
Action: Progressive movement on ball-bearings

Load Rating: 150 lb. class

Height: 3.79" [96.3mm] (includes quick disconnect rail)

Clearance: .50" + .03" - 0" on each side

Finish: Anochrome (ANO)



#### Configurations

Bulk (B)



5 pairs per carton without screws



Poly (P)	1 pair per bag wi	1 pair per bag with screws; 5 pairs per carton			
Quantity (Q)	10 pairs without	10 pairs without screws; multiple cartons			
8500 Anochrome (ANO) Finish					
Size	Bulk (B)	Poly (P)	Quantity (Q)		
12"	8500B 12	8500P 12	_		
14"	8500B 14	8500P 14	_		
16"	8500B 16	8500P 16	8500Q 16		
18"	8500B 18	8500P 18	8500Q 18		
20"	8500B 20	8500P 20	8500Q 20		
22"	8500B 22	8500P 22	8500Q 22		
24"	_	8500P 24	_		
26"	-	8500P 26	-		
28"	_	8500P 28	_		
30"	_	8500P 30	_		
8505 Anochrome	e (ANO) Finish				
Size	Bulk (B)	Poly (P)	Quantity (Q)		
12"	8505B 12	8505P 12	-		
14"	8505B 14	8505P 14	8505Q 14		
16"	8505B 16	8505P 16	8505Q 16		
18"	8505B 18	8505P 18	8505Q 18		
20"	8505B 20	8505P 20	-		
22"	8505B 22	8505P 22	8505Q 22		
24"	8505B 24	8505P 24	-		
26"	8505B 26	8505P 26	-		
28"	8505B 28	8505P 28	-		
30"	8505B 30	8505P 30	-		

Recommended Fasteners	KV Part	Finish	Qty
#7 x 1/2" Phillips Pan Head Screws	8500-93	Zinc (ZC)	1000

# 8520, 8525 Extra Heavy-Duty File or Lateral Drawer Slides



#### **Features**

- · 32mm hole pattern
- Non-handed quick disconnect drawer members
- Hold-in feature to prevent bounce back
- · Recommended maximum drawer width

8520: 42" 8525: 36"

Extension: 8520: Full extension

8525: 1.25" over travel

Mounting: Side

**Action**: Progressive movement on ball-bearings

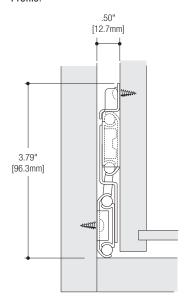
Load Rating: 175 lb. class

Height: 3.79" [96.3mm] (includes quick disconnect rail)

Clearance: .50" + .03" - 0" on each side

Finish: Anochrome (ANO)

#### Profile:



## Configurations



Poly (P)	1 pair per bag with screws; 5 pairs per carton
8520 Anochrome (ANO) Finish	
Size	Poly (P)
16"	8520P 16
18"	8520P 18
20"	8520P 20
8525 Anochrome (ANO) Finish	
Size	Poly (P)
16"	8525P 16
18"	8525P 18
20"	8525P 20

Recommended Fasteners	KV Part	Finish	Qty
#7 x 1/2" Phillips Pan Head Screws	8500-93	Zinc (ZC)	1000

# 8600, 8605 Heavy-Duty Drawer Slide



#### **Features**

- · Butterfly lever disconnect
- Non-handed design
- · Recommended maximum drawer width 36"

Extension: 8600: Full Extension

8605: 1" Over Travel

Mounting: Side

Action: Telescopic movement on ball-bearings

Load Rating (based on application): Load: 8600: 150 lb. class

> 8605: 140 lb. class Max. Drawer Width: 36"

Slides: 18" Drawer Width: 36"

Cycles: 50,000 (center pull)

**Load**: **8600**: 200 lb.

8605: 190 lb.

Max. Drawer Width: 18"

Slides: 18" Drawer Width: 18"

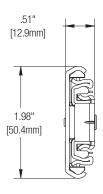
Cycles: 25,000 (center pull)

Height: 1.98" [50.4mm]

Clearance: .51" + .01"- 0" on each side

Finish: Zinc (ZC)

#### Profile:



## Configurations



Bulk (B)	5 pairs per carton without screws		
8600 Zinc (Z0	8600 Zinc (ZC) Finish		
Size	Bulk (B)		
12"	8600B 12		
14"	8600B 14		
16"	8600B 16		
18"	8600B 18		
20"	8600B 20		
22"	8600B 22		
24"	8600B 24		
26"	8600B 26		
28"	8600B 28		
8605 Zinc (ZC) Finish			
Size	Bulk (B)		
12"	8605B 12		
14"	8605B 14		
16"	8605B 16		
18"	8605B 18		
20"	8605B 20		
22"	8605B 22		
24"	8605B 24		
26"	8605B 26		
28"	8605B 28		

#### Recommended Fasteners

#7 x 1/2" Truss Head Screws

# 8650FM, 8655FM Heavy-Duty Soft-Close Drawer Slide





#### **Features**

• Patented Force Management (FM) Soft-Close Technology

· Butterfly lever disconnect

· Non-handed design

· Recommended maximum drawer width 36"

Extension: 8650FM: Full Extension

8655FM: 1" Over Travel

Mounting: Side

Action: Telescopic movement on ball-bearings

Load Rating: 8650FM: 150 lb. class

8655FM: 140 lb. class

Max. Drawer Width: 36"

Slides: 18"

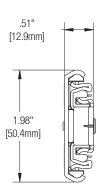
Drawer Width: 36"

Cycles: 50,000 (center pull) Height: 1.98" [50.4mm]

Clearance: .51" + .01" - 0" on each side

Finish: Zinc (ZC)

Profile:



## Configurations

Bulk (B)	5 pairs per carton without screws		
8650 Zinc (ZC	8650 Zinc (ZC) Finish		
Size	Bulk (B)		
14"	8650FMB 14		
16"	8650FMB 16		
18"	8650FMB 18		
20"	8650FMB 20		
22"	8650FMB 22		
24"	8650FMB 24		
26"	8650FMB 26		
28"	8650FMB 28		
8655 Zinc (ZC) Finish			
Size	Bulk (B)		
18"	8655FMB 18		
20"	8655FMB 20		
22"	8655FMB 22		
24"	8655FMB 24		
26"	8655FMB 26		
28"	8655FMB 28		

Recommended Fasteners	
#7 x 1/2" Truss Head Screws	

14" and 16" less than full extension 14" extension = 11"; 16" extension = 15"

# 8810, 8815 Heavy-Duty Drawer Slide



#### **Features**

- Non-handed design for easy installation
- Closed-position hold-in detent
- · Butterfly lever release
- Recommended maximum drawer width 42"

Extension: 8810: Full Extension

8815: 1" Over Travel

Mounting: Side

Action: Telescopic movement on ball-bearings

Load Rating: 8810: 200 lb. class

8815: 200 lb. class

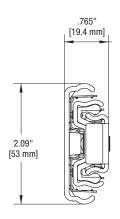
• 100 lb. flat mount rating

Height: 2.09" [53mm]

Clearance: .765" + .02" - .01" on each side

Finish: Zinc (ZC)

#### Profile:



## Configurations



Bulk (B)	4 pairs per carton without screws
8810 Zinc (ZC) Finisl	n
Size	Bulk (B)
10"	8810B 10
12"	8810B 12
14"	8810B 14
16"	8810B 16
18"	8810B 18
20"	8810B 20
22"	8810B 22
24"	8810B 24
26"	8810B 26
28"	8810B 28
8815 Zinc (ZC) Finisl	n
Size	Bulk (B)
12"	8815B 12
14"	8815B 14
16"	8815B 16
18"	8815B 18
20"	8815B 20
22"	8815B 22
24"	8815B 24
26"	8815B 26
28"	8815B 28

Recommended Fasteners	
#8 or #10 x 5/8" Phillips Flathead Screws	

# 8820 Heavy-Duty Metal Cabinet Drawer Slide





#### **Features**

- · Bayonet and Belt Loop Mount
- Lever disconnect for easy drawer removal
- Recommended maximum drawer width 42"

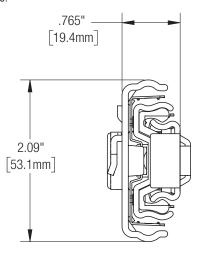
Extension:8820: Full ExtensionMounting:Side (Bayonet and Belt Loop)Action:Telescopic action on ball-bearings

Load Rating: 8820: 200 lb. class Height: 2.09" [53mm]

Clearance: .765" + .02" - .01" on each side

Finish: Zinc (ZC)

#### Profile:



## Configurations

Quantity (Q)	5 pairs; multiple cartons
8820 Zinc (ZC) Finish	1
Size	Quantity (Q)
16"	8820Q 16
22"	8820Q 22
26"	8820Q 26

# 8850FM Heavy-Duty Soft-Close Drawer Slide



#### **Features**

- Patented Force Management (FM) Soft-Close Technology
- · Butterfly lever disconnect
- Non-handed design
- Recommended maximum drawer width 42"

**Extension**: Full Extension **Mounting**: Side

Action: Telescopic movement on ball-bearings

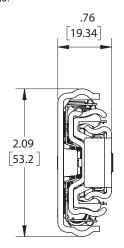
 Load Rating:
 200 lb. class

 Height:
 2.09" [53.2mm]

 Clearance:
 .765" + .03"- 0"

 Finish:
 Zinc (ZC)

#### Profile:



## Configurations

Quantity (Q)	4 pairs per carton	
8850FM Zinc (ZC	8850FM Zinc (ZC) Finish	
Size	Quantity (Q)	
12"	8850FMB 12	
14"	8850FMB 14	
16"	8850FMB 16	
18"	8850FMB 18	
20"	8850FMB 20	
22"	8850FMB 22	
24"	8850FMB 24	
26"	8850FMB 26	
28"	8850FMB 28	

# 8900 Extra Heavy-Duty Full Extension Drawer Slide



#### **Features**

- · Heavy-Duty stops are designed to withstand rough use
- Non-handed design for easy installation
- Full extension travel
- Non-disconnect

Mounting: Side

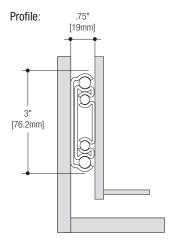
Action: Telescopic movement on ball-bearings Load Rating: 100–500 lb. class depending on application

• 100 lb. flat mount rating

Height: 3" [76.2mm]

Clearance: .75" + .03" - 0" on each side

Finish: Zinc (ZC)



## Configurations

Bulk (B)

42"

44"

48"

60"



Poly (P) 10" – 20": 4 pairs per carton; 22" – 28": 3 pairs p. 30" – 36": 2 pairs per carton  8900 Zinc (ZC) Finish  Size Bulk (B) Poly (P)  10" 8900B 10 8900P 10  12" 8900B 12 8900P 12	er carton	
Size         Bulk (B)         Poly (P)           10"         8900B 10         8900P 10	10" – 20": 4 pairs per carton; 22" – 28": 3 pairs per carton 30" – 36": 2 pairs per carton	
10" 8900B 10 8900P 10		
12" 8900B 12 8900P 12		
12 03000 12 03001 12		
14" 8900B 14 8900P 14		
16" 8900B 16 8900P 16		
18" 8900B 18 8900P 18		
20" 8900B 20 8900P 20		
22" 8900B 22 8900P 22		
24" 8900B 24 8900P 24		
26" 8900B 26 8900P 26		
28" 8900B 28 8900P 28		
30" 8900B 30 8900P 30		
32" 8900B 32 8900P 32		
34" 8900B 34 8900P 34		
36" 8900B 36 8900P 36		
40" 8900B 40 –		

10" - 20": 4 pairs per carton; 22" - 28": 3 pairs per carton

30" – 36": 2 pairs per carton; 40" – 60": 1 pair per carton

Non-stock item – minimum order quantities and additional lead time may apply.

8900B 42

8900B 44

8900B 48

8900B 60

Recommended Fasteners	
	1/4" [M6 Euro] flat, hex or pan head screw for 0.26" [6.6mm] cabinet member hole
ľ	1/4" [M6 Euro] hex or pan head screw for 0.26" [6.6mm] drawer member hole
#10 [M5 Euro] flat, hex or pan head screw for 0.20" [5.2mm] cabinet member hole	
	#10 [M5 Euro] hex or pan head screw for 0.20" [5.2mm] drawer member hole

Load Rating Chart			
Load Rating	Test Condition	Open/Close Cycle Tested	
500 lb.	18" slide in 18" width drawer	10,000	
400 lb.	18" slide in 42" width drawer	30,000	
300 lb.	18" slide in 36" width drawer	75,000	
100 lb. flat load	18" slide in 32" width drawer	10,000	

Note: This slide must never be used as a pull-out step, platform, or any other application supporting human weight as injury may result.

# 8908 Extra Heavy-Duty Full Extension Locking Drawer Slides



#### **Features**

- · Automatic lock-in/lock-out feature
- Intuitive uni-directional release/closure
- · Removable, ergonomic handle
- Spring-activated latches for vertical and horizontal mounting
- · Non-disconnect

Extension: Extra Heavy-Duty full extension lock-in/lock-out slide

Mounting: Side or flat mount

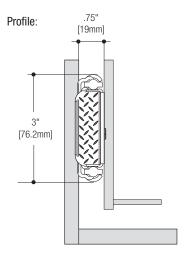
Action: Telescopic movement on ball-bearings Load Rating: 100–500 lb. class depending on application

• 100 lb. flat mount rating

Height: 3" [76.2mm]

Clearance: .75" + .03" - 0" on each side

Finish: Zinc (ZC)



## Configurations

	12" – 20": 8 slides per carton without screws
	22" – 28": 6 slides per carton without screws
Bulk (B)	30" – 36": 4 slides per carton without screws
Duik (D)	40", 42", 44", 48", 60": 2 slides per carton without screws
	Each slide is poly-bagged with instructions included
	Sold per Each, not pair

8908 Zinc (ZC) Finish	
Size	Bulk (B)
12"	8908B 12
14"	8908B 14
16"	8908B 16
18"	8908B 18
20"	8908B 20
22"	8908B 22
24"	8908B 24
26"	8908B 26
28"	8908B 28
30"	8908B 30
32"	8908B 32
34"	8908B 34
36"	8908B 36
40"	8908B 40
42"	8908B 42
44"	8908B 44
48"	8908B 48
60"	8908B 60

Non-stock item – minimum order quantities and additional lead time may apply.

Note: This slide must never be used as a pull-out step, platform, or any other application supporting human weight as injury may result.

Note: The 8908 slide is designed for applications in the 100-500 lb. class based on application: modest use 500 lbs.; normal use 400 lbs.; vehicular use 300 lbs.; flat mount 100 lbs..



# Specialty Drawer Slides

6300 Corrosion Resistant Finish Drawer Slide456400 Stainless Steel Drawer Slide468000 Over Travel Undermount Pantry Drawer Slide47

				Type Extension				D	Disconnect Type					Open/Close Features						
	Mounting Style	Load Class	Roller Bearing	Ball-Bearing	3/4 Extension	Full Extension	1" Over Travel	No Disconnect	Friction Release	Lever Release	Lift Out	Quick Disconnect	Hold In Anti-Rebound	Hold-Out / Open	Lock Open	Self-Close	Push-to-Open	Soft-Close		
6300	Side	100		•		•				•			•							
6400	Side	100		•		•				•			•							
8000	Under	130		•			•				•		•							

# 6300 Corrosion Resistant Finish Drawer Slide



#### **Features**

- · Corrosion Resistant Finish passes 100 hour salt spray test
- USDA H-1 approved grease
- 32mm hole pattern
- Lever disconnect for easy drawer removal
- · Hold-in detent
- Non-handed design
- Recommended maximum drawer width 24"

#### Stainless Steel Components

- · Ball-Bearing Retainer
- Ball-Bearings
- Release Lever Rivets
- Fasteners (included)

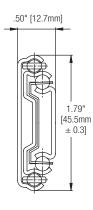
Mounting: Side

Action: Telescopic movement on ball-bearings

Load Rating: 100 lb. class Height: 1.79" [45.5mm]

Clearance: .50" + .03" - 0" on each side Finish: Corrosion Resistant (CR)

Profile:



## Configurations



Poly (P)	1 pair per bag with screws; 10 pair per carton								
6300 Corrosion Resistant (CR) Finish									
Size	Poly (P)								
250mm	6300P CR 10								
300mm	6300P CR 12								
350mm	6300P CR 14								
400mm	6300P CR 16								
450mm	6300P CR 18								
500mm	6300P CR 20								
550mm	6300P CR 22								
600mm	6300P CR 24								
650mm	6300P CR 26								
700mm	6300P CR 28								

	Recommended Fasteners
ſ	#7 x 1/2" Stainless Steel Phillips Pan Head Screws

## **Mounting Brackets**



Product	Front or Rear	Finish	Pack
6340 BB	Rear	Corrosion Resistant (CR)	10 pair/carton

# 6400 Stainless Steel Drawer Slide



#### **Features**

- 304-Grade stainless steel
- Ideal for use in wet or corrosive environments
- USDA H-1 approved grease
- Lever disconnect
- Recommended drawer width 24"

Mounting: Side

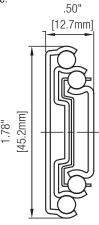
Action: Telescopic movement on ball-bearings

**Load Rating**: 100 lb. class **Height**: 1.78" [45.2mm]

Clearance: .50" + .03" - 0" on each side

Finish: Stainless Steel (SS)

#### Profile:



# Configurations



Poly (P)	1 pair per bag with screws; 10 pairs per carton								
6400 Stainless Steel (SS) Finish									
Size	Poly (P)								
10"	6400P SS 10								
12"	6400P SS 12								
14"	6400P SS 14								
16"	6400P SS 16								
18"	6400P SS 18								
20"	6400P SS 20								
22"	6400P SS 22								
24"	6400P SS 24								
26"	6400P SS 26								
28"	6400P SS 28								

Recommended Fasteners	
#8 x 1/2" Stainless Steel Pan Head Screws	

## **Mounting Brackets**



Product	Front or Rear	Finish	Pack
6340 RB	Rear	Corrosion Resistant (CR)	10 pair/carton

# 8000 Over Travel Undermount Pantry Drawer Slide





#### **Features**

- Removable mounting brackets
- Hold-in detent
- Key-hole style mounting holes
- 1" over travel

**Mounting**: Bottom mount

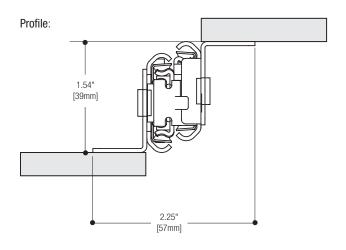
Action: Telescopic movement on ball-bearings

Load Rating: 130 lb. class Height: 1.54" [39mm]

2.25" [57mm] (includes brackets)

Clearance: 3/4" (slide only); 2-1/4" (with brackets)

Finish: Anochrome (ANO)



# Configurations



Poly (P)	1 pair per bag with screws; 5 pairs per carton									
8000 Anochro	8000 Anochrome (ANO) Finish									
Size	Size Poly (P)									
12"	8000P 12									
14"	8000P 14									
16"	8000P 16									
18"	8000P 18									
20"	8000P 20									
22"	8000P 22									
24"	8000P 24									
26"	8000P 26									
28"	8000P 28									

Recommended Fasteners	KV Part	Finish	Qty
#8 x 5/8" Phillips Pan Head Screws	200114-6	Zinc (ZC)	1000



# Overhead Door and Desk Slides

			Туре	Extension				Disconnect Type					Open/Close Features						
	Mounting Style	Load Class	Ball-Bearing	5/8 Extension	3/4 Extension	Full Extension	1" Over Travel	No Disconnect	Friction Release	Lever Release	Lift Out	Quick Disconnect	Hold In Anti-Rebound	Hold-Out / Open	Lock Open	Self-Close	Push-to-Open	Soft-Close	Shelf Tabs
8150	Under	75	•		•					•			•	•					
8157	Under	75	•		•					•			•	•					•
8250	Under	75	•		•					•			•						
8050	Under	20	•																

# 8150, 8157 3/4 Extension Variable Height Keyboard Slide



#### **Features**

- Mounting brackets adjust to seven different heights and can be reversed for in-board/out-board mounting
- Track member quickly disconnects using positive lever release, easing installation
- Hold-out feature keeps drawer securely in the open position
- Hold-in feature prevents keyboard tray bounce back
- Recommended maximum drawer width 24"

Extension: 8150: 3/4 extension keyboard slide

8157: 3/4 extension keyboard slide with shelf tabs

Mounting: Under surface

Action: Ball-bearing movement

Load Rating: 75 lb. class

Height: Overall drop height adjusts from 2.34" [59.4mm]

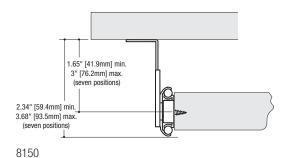
to 3.68" [93.5mm] in 7/32" increments

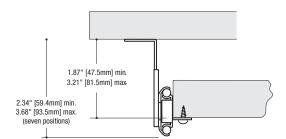
Clearance: 1.62" [41mm] per side out-board

.62" [15.7mm] per side in-board

Finish: Anochrome (ANO), Ebony Black (EB)

#### Profile:





8157

## Configurations





Poly (P)	1 pair per bag with screws; 10 pairs per carton
8150 Anochrome (ANO) Fini	sh
Size	Poly (P)
14"	8150P 14
16"	8150P 16
18"	8150P 18
20"	8150P 20
8150 Ebony Black (EB) Finis	sh
Size	Poly (P)
12"	8150P EB 12
14"	8150P EB 14
16"	8150P EB 16
18"	8150P EB 18
20"	8150P EB 20
8157 Anochrome (ANO) Fini	sh
Size	Poly (P)
14"	8157P 14
16"	8157P 16
18"	8157P 18
20"	8157P 20
8157 Ebony Black (EB) Finis	sh
Size	Poly (P)
14"	8157P EB 14
16"	8157P EB 16
18"	8157P EB 18

Recommended Fasteners	KV Part	Finish	Qty
#7 x 1/2" Phillips Pan Head Screws	8500-93	Zinc. (ZC)	1000

# 8250 3/4 Extension Variable Height Pencil or Center Drawer Slide



#### **Features**

- Mounting brackets adjust to seven heights and can be reversed for in-board and out-board mounting
- Anti-rebound stay-close design holds pencil drawer in closed position yet allows for easy opening
- Track member quickly disconnects using positive lever releases
- · Recommended maximum drawer width 24"

Mounting: Under surface

Action: Ball-bearing movement

Load Rating: 75 lb. class

Height: Overall drop height 2.34" [59.4mm]

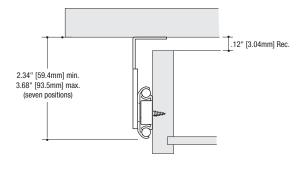
to 3.68" [93.5mm] in 7/32" increments

Clearance: 1.62" [41mm] per side out-board

.53" [13.5mm] per side in-board

Finish: Anochrome (ANO)

#### Profile:



## Configurations





Poly (P)	1 pair per bag with screws; 10 pairs per carton			
8250 Anochrome (ANO) Finish				
Size	Poly (P)			
10"	8250P 10			
12"	8250P 12			
14"	8250P 14			
16"	8250P 16			
18"	8250P 18			
20"	8250P 20			
22"	8250P 22			

Recommended Fasteners	KV Part	Finish	Qty
#7 x 1/2" Phillips Pan Head Screws	8500-93	7inc (7C)	1000

# 8050 Hinged Door Slide



#### **Features**

- One-piece, non-marring roller
- Permanently staked hinge pin

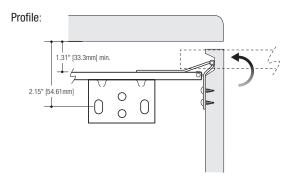
Mounting: Under surface

Action: Ball-bearing movement

Load Rating: 20 lb. class

Clearance: 1.31" [33.3mm] minimum

Finish: Anochrome (ANO)



# Configurations

Poly (P)	1 pair per bag with screws; 10 pairs per carton			
8050 Anochrome	8050 Anochrome (ANO) Finish			
Size	Poly (P)			
12"	8050PEZ 12			
14"	8050PEZ 14			
16"	8050PEZ 16			
18"	8050PEZ 18			
20"	8050PEZ 20			
22"	8050PEZ 22			
24"	8050PEZ 24			



Up and under application



# Door Slides and Hinge Kits

8070, 8071, 8072 Pivot Door Slides
8080, 8081, 8082 Pivot Door Slides
8091, 8092 Pivot Door Slides 5
4x4 Pocket Door Full Overlay Kit
KV Pocket Door Hinge Kits

# 8070, 8071, 8072 Pivot Door Slides



#### **Features**

- · Cabinet acts as installation jig
- Cushioned stops and door hold-out
- · Three-way adjustable door hinge

Extension: 8070: 3/4 extension slide with self-close 35mm hinge

8071: 3/4 extension slide without hinge and base 8072: 3/4 extension slide with included hinge base

Mounting: Side

Action: Ball-bearing movement

Load Rating: 30 lb. class

Maximum

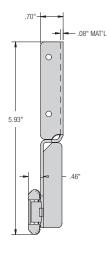
Dimensions: Vertical doors: 42" high x 24" wide

Horizontal pivot doors: 24" high x 48" wide

Finish: Ebony Black (EB)

Maximum Slide Width Including Hinge for Partition Installations			
Туре	Grass	Salice	
Self-close hinge	1-25/32"	1-21/32"	
Free-swing hinge	1-25/32"	1-21/32"	
Overlay hinge	1-25/32"	1-7/8"	
Thick door hinge	2-5/32"	_	
Extra-thick door hinge	2-15/32"	2-5/16"	

#### Profile:



## 8090P CR Raised Panel Cassette Roller



Additional protection for raised panel doors

Product	Pack
8090P CR	1 per poly pack with screws; 20 per carton

# Configurations



Poly (P)	Poly (P) 1 pair per bag with screws; 10 pairs per carton					
8070EZ E	Ebony Black (EB)	8071EZ E	bony Black (EB)	8072EZ Ebony Black (EB)		
	standard 3/4 inset I baseplate	Hinges and baseplates are not included		Baseplate included; Must order hinges separately		
Size	Poly (P)	Size	Poly (P)	Size	Poly (P)	
12"	8070PEZ EB 12	12"	8071PEZ EB 12	12"	8072PEZ EB 12	
14"	8070PEZ EB 14	14"	8071PEZ EB 14	14"	8072PEZ EB 14	
16"	8070PEZ EB 16	16"	8071PEZ EB 16	16"	8072PEZ EB 16	
18"	8070PEZ EB 18	18"	8071PEZ EB 18	18"	8072PEZ EB 18	
20"	8070PEZ EB 20	20"	8071PEZ EB 20	20"	8072PEZ EB 20	
22"	8070PEZ EB 22	22"	8071PEZ EB 22	22"	8072PEZ EB 22	
24"	8070PEZ EB 24	24"	8071PEZ EB 24	24"	8072PEZ EB 24	

Recommended Fasteners	KV Part	Finish	Qty
#6 x 13/32" Phillips Pan Head Screws	1300-83	Zinc (ZC)	1000

## **Hinge Kit Options**

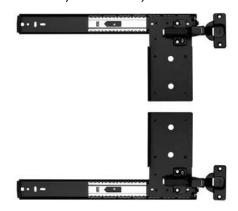


	Hinge Kit (K)	2 hinges per kit; 10 kits per carton			
	Grass Nickel Hinges (For	Use with 8072)			
	Kit (K)	Hinge Cup Size	Door Thickness	Application	
	8080 HKEZS	35 mm	3/4"	Inset	
ES	8080 HKEZL	40 mm	3/4"	Partial Overlay	
191	8080 HKEZF	35 mm	3/4"	Inset - Free Swing	
HING	8086 HKEZX	40 mm	1-1/4"	Inset - Extra Thick Door	
S	Grass Ebony Black (EB) Hinges (For Use with 8072)				
RASS	Kit (K)	Hinge Cup Size	Door Thickness	Application	
9	8080 HKEZSEB	35 mm	3/4"	Inset	
	8080 HKEZLEB	40 mm	3/4"	Partial Overlay	
	8085 HKEZTEB	40 mm	1"	Inset - Thick Door	
	8086 HKEZXEB	40 mm	1-1/4"	Inset - Extra Thick Door	

Salice Hinges (For U	se with 8071) Nickel Fin	ish (hinge base incl	ıded)	
Kit (K)	Hinge Cup Size	Door Thickness	Application	
8080 HKS SAL	35 mm	3/4"	Inset	
8080 HKF SAL	35 mm	3/4"	Inset - Free Swing	
8080 HKL SAL	40 mm	3/4"	Partial Overlay	
8086 HKX SAL	40 mm	1-1/4"	Inset - Thick Door	
Salice Hinges (For Use with 8071) Ebony Black (EB) Finish (hinge base included)				
Kit (K)	Hinge Cup Size	Door Thickness	Application	
8080 HKS SAL EB	35 mm	3/4"	Inset	
8080 HKL SAL EB	40 mm	3/4"	Partial Overlay	
8086 HKX SAL EB	40 mm	1-1/4"	Inset - Thick Door	

For additional product details, please refer to the KV Hinges section.

# 8080, 8081, 8082 Pivot Door Slides



#### **Features**

· Cushioned stops and door hold-out

• Three-way adjustable door hinge

Extension: 8080: 3/4 extension slide with self-close 35mm hinge

**8081:** 3/4 extension slide without hinge and base **8082:** 3/4 extension slide with attached hinge base

Mounting: Side

Action: Ball-bearing movement

Load Rating: 30 lb. class

Maximum

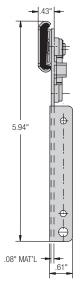
Dimensions: Vertical doors: 42" high x 24" wide

Horizontal pivot doors: 24" high x 48" wide

Finish: Anochrome (ANO) Ebony Black (EB)

Maximum Slide Width Including Hinge for Partition Installations			
Туре	Grass	Salice	
Self-close hinge	1-25/32"	1-21/32"	
Free-swing hinge	1-25/32"	1-21/32"	
Overlay hinge	1-25/32"	1-7/8"	
Thick door hinge	2-5/32"	-	
Extra-thick door hinge	2-15/32"	2-5/16"	

#### Profile:



## 8090P CR Raised Panel Cassette Roller



Additional protection for raised panel doors

Product	Pack
8090P CR	1 per poly pack with screws; 20 per carton

## Configurations





Poly (P)	1 pair per bag with screws; 10 pairs per carton				
8080EZ <i>F</i>	Anochrome (ANO)	8081EZ Anochrome (ANO)		8082EZ Anochrome (ANO)	
Includes h	ninges and bases	No hinges	or bases	Hinge ba	se only
Size	Poly (P)	Size	Poly (P)	Size	Poly (P)
12"	8080PEZ 12	12"	8081PEZ 12	12"	8082PEZ 12
14"	8080PEZ 14	14"	8081PEZ 14	14"	8082PEZ 14
16"	8080PEZ 16	16"	8081PEZ 16	16"	8082PEZ 16
18"	8080PEZ 18	18"	8081PEZ 18	18"	8082PEZ 18
20"	8080PEZ 20	20"	8081PEZ 20	20"	8082PEZ 20
22"	8080PEZ 22	22"	8081PEZ 22	22"	8082PEZ 22
24"	8080PEZ 24	24"	8081PEZ 24	24"	8082PEZ 24
8080EZ E	bony Black (EB)			8082EZ	Ebony Black (EB)
12"	8080PEZ EB 12	_	_	12"	8082PEZ EB 12
14"	8080PEZ EB 14	-	_	14"	8082PEZ EB 14
16"	8080PEZ EB 16	-	_	16"	8082PEZ EB 16
18"	8080PEZ EB 18	_	_	18"	8082PEZ EB 18
20"	8080PEZ EB 20	_	_	20"	8082PEZ EB 20
22"	8080PEZ EB 22	-	_	22"	8082PEZ EB 22
24"	8080PEZ EB 24	<u> </u>	_	24"	8082PEZ EB 24

Recommended Fasteners	KV Part	Finish	Qty
#6 x 13/32" Phillips Pan Head Screws	1300-83	Zinc (ZC)	1000

## **Hinge Kit Options**

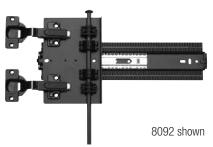


	Hinge Kit (K)	2 hinges per kit; 10 kit	Hinge Kit (K) 2 hinges per kit; 10 kits per carton			
	Grass Nickel Hinges (For Use with 8072)					
	Kit (K)	Hinge Cup Size	Door Thickness	Application		
	8080 HKEZS	35 mm	3/4"	Inset		
S	8080 HKEZL	40 mm	3/4"	Partial Overlay		
GE	8080 HKEZF	35 mm	3/4"	Inset - Free Swing		
HINGE	8086 HKEZX	40 mm	1-1/4"	Inset - Extra Thick Door		
H	Grass Ebony Black (EB) Hinges (For Use with 8072)					
S	Grass Ebony Black (E	EB) Hinges (For Use wit	h 8072)			
ASS	Grass Ebony Black (E Kit (K)	EB) Hinges (For Use wit Hinge Cup Size	h 8072) Door Thickness	Application		
GRASS	,	, , ,	· ·	Application Inset		
GRASS	Kit (K)	Hinge Cup Size	Door Thickness			
GRASS	Kit (K) 8080 HKEZSEB	Hinge Cup Size 35 mm	Door Thickness 3/4"	Inset		
GRASS	Kit (K) 8080 HKEZSEB 8080 HKEZLEB	Hinge Cup Size 35 mm 40 mm	Door Thickness 3/4" 3/4"	Inset Partial Overlay		

Salice Hinges (Fo	or Use with 8071) Nicke	l Finish (hinge base i	ncluded)		
Kit (K)	Hinge Cup Size	Door Thickness	Application		
8080 HKS SAL	35 mm	3/4"	Inset		
8080 HKF SAL	35 mm	3/4"	Inset - Free Swing		
8080 HKL SAL 8086 HKX SAI	40 mm	3/4"	Partial Overlay		
	40 mm	1-1/4"	Inset - Thick Door		
Salice Hinges (Fo	Salice Hinges (For Use with 8071) Ebony Black (EB) Finish (hinge base included)				
Salice Hinges (Fo	Hinge Cup Size	Door Thickness	Application		
8080 HKS SAL EB	35 mm	3/4"	Inset		
8080 HKL SAL EB	40 mm	3/4"	Partial Overlay		
8086 HKX SAL EB	40 mm	1-1/4"	Inset - Thick Door		

For additional product details, please refer to the KV Hinges section.

# 8091, 8092 Pivot Door Slides



#### **Features**

- · Rack and pinion design
- Multiple hinge options
- · Greatly reduces door sag

NOTE: 3/4 Full Overlay applications require 8091 slides. Full Overlay Kit and 8091 slides must be attached to a partition wall.

8091: Hinge and baseplate not included

8092: Baseplate attached; hinge must be ordered separately

Mounting: Side

Action: Ball-bearing movement

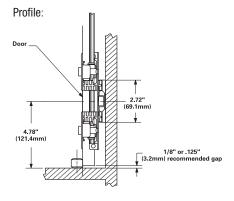
Load Rating: 75 lb. class

Maximum

Dimensions: Vertical doors: 72" high x 26" wide

Finish: Ebony Black (EB)

Maximum Slide Width Including Hinge for Partition Installations			
Туре	Grass	Salice	
Self-close hinge	1-25/32"	1-21/32"	
Free-swing hinge	1-25/32"	1-21/32"	
Overlay hinge	1-25/32"	1-7/8"	
Thick door hinge	2-5/32"	-	
Extra-thick door hinge	2-15/32"	2-5/16"	



## 8090P CR Raised Panel Cassette Roller



Additional protection for raised panel doors

Product	Pack
8090P CR	1 per poly pack with screws; 20 per carton

## Configurations



1 pair per bag with	1 pair per bag with screws; 1 pair per carton		
k (EB)	8092 Ebony Black (EB)		
Poly (P)	Size	Poly (P)	
8091SP EB 12	12"	8092SP EB 12	
8091SP EB 13	13"	8092SP EB 13	
8091SP EB 14	14"	8092SP EB 14	
8091SP EB 15	15"	8092SP EB 15	
8091SP EB 16	16"	8092SP EB 16	
8091SP EB 18	18"	8092SP EB 18	
8091SP EB 20	20"	8092SP EB 20	
8091SP EB 22	22"	8092SP EB 22	
8091SP EB 24	24"	8092SP EB 24	
8091SP EB 26	26"	8092SP EB 26	
8091SP EB 28	28"	8092SP EB 28	
8091SP EB 30	30"	8092SP EB 30	
	Poly (P)  8091SP EB 12  8091SP EB 13  8091SP EB 14  8091SP EB 15  8091SP EB 16  8091SP EB 16  8091SP EB 20  8091SP EB 22  8091SP EB 24  8091SP EB 26  8091SP EB 26	Poly (P) Size  8091SP EB 12 12"  8091SP EB 13 13"  8091SP EB 14 14"  8091SP EB 15 15"  8091SP EB 16 16"  8091SP EB 18 18"  8091SP EB 20 20"  8091SP EB 22 22"  8091SP EB 24 24"  8091SP EB 26 26"  8091SP EB 28 28"	

# Recommended FastenersKV PartFinishQty#6 x 13/32" Phillips Pan Head Screws1300-83Zinc (ZC)1000

## **Hinge Kit Options**



	Hinge Kit (K)	2 hinges per kit; 10 k	its per carton		
	Grass Nickel Hinges (For Use with 8072)				
	Kit (K)	Hinge Cup Size	Door Thickness	Application	
	8080 HKEZS	35 mm	3/4"	Inset	
S	8080 HKEZL	40 mm	3/4"	Partial Overlay	
HINGE	8080 HKEZF	35 mm	3/4"	Inset - Free Swing	
Ē	8086 HKEZX	40 mm	1-1/4"	Inset - Extra Thick Door	
S	Grass Ebony Black (EB) Hinges (For Use with 8072)				
		<u> </u>			
3AS	Kit (K)	Hinge Cup Size	Door Thickness	Application	
GRASS	Kit (K) 8080 HKEZSEB	Hinge Cup Size 35 mm	Door Thickness 3/4"	Application Inset	
GRAS					
GRAS	8080 HKEZSEB	35 mm	3/4"	Inset	

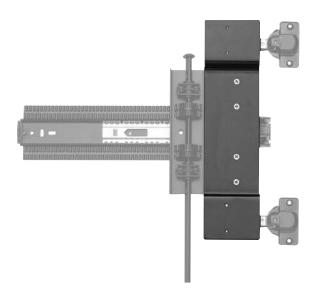
	Salice Hinges (For Use	e with 8071) Nickel Fi	nish (hinge base inc	cluded)	
	Kit (K)	Hinge Cup Size	Door Thickness	Application	
	8080 HKS SAL	35 mm	3/4"	Inset	
ES	8080 HKF SAL	35 mm	3/4"	Inset - Free Swing	
HING	8080 HKL SAL	40 mm	3/4"	Partial Overlay	
Т	8086 HKX SAL	40 mm	1-1/4"	Inset - Thick Door	
SALICE	Salice Hinges (For Use with 8071) Ebony Black (EB) Finish (hinge base included)				
SA	Kit (K)	Hinge Cup Size	Door Thickness	Application	
	8080 HKS SAL EB	35 mm	3/4"	Inset	
	8080 HKL SAL EB	40 mm	3/4"	Partial Overlay	
	8086 HKX SAL EB	40 mm	1-1/4"	Inset - Thick Door	

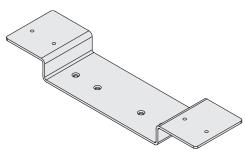
For additional product details, please refer to the KV Hinges section.

## 8090B Pinion Shafts for 4x4 Pocket Door Slides

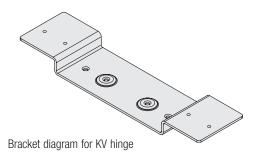
SB Pack (SB) -	2 each	Bulk Pack (B) - 10 each		
8090B Pinion Shaft Ebony Black (EB) Finish				
Size	Bulk (B)	Quantity		
36"	8090B EB 36	10		
48"	8090B EB 48	10		
72"	8090B EB 72	10		
8092SB Pinio	n Shaft Ebony Black (EB) Fi	inish		
Size	Bulk (B)	Quantity		
36"	8092SB EB 36	2		
48"	8092SB EB 48	2		
72"	8092SB EB 72	2		

# 4x4 Pocket Door Full Overlay Kit





Bracket diagram for Mepla hinge



NOTE: 3/4 Full Overlay applications require 8091 slides. Full Overlay Kit and 8091 slides much be attached to a partition wall.

#### **Features**

- Provides a full door overlay on doors up to 3/4" thick
- Does not compromise key performance features of 4x4 pocket door system
- Systems for both Mepla and KV hinges
- Requires 8091 slide
- . Must attach to a partition wall

Mounting: Mounts directly to KV 8091 Series slide

**Load Rating**: 75 lb. class **Finish**: Black

## Configurations

8091SFULL34S



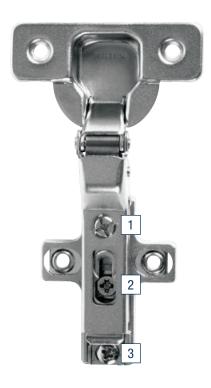
	Brackets	Overlay Hinges	Hinge Bases	Hinge Cover Base	Protective Felt Pads	Packed
Poly (P)	Qty: 2	Qty: 4	Qty: 4	Qty: 4	Qty: 4	1 kit/ carton
8091 Full Overlay Pocket Door Kit Black (BLK) Finish						
Poly (P)		Hinge				
8091SFULL34M		Grass				

Door Thickness	Amount of Overlay	Pocket Width
3/4"	3/4"	1-3/4"
13/16"	11/16"	1-13/16"
7/8"	5/8"	1-7/8"
15/16"	9/16"	1-15/16"
1"	1/2"	2"
1-1/16"	7/16"	2-1/16"
1-1/8"	3/8"	2-1/8"
1-3/16"	5/16"	2-3/16"
1-1/4"	1/4"	2-1/4"

## Full Overlay Kit Installation Requirements

- Overlay kits require the use of a KV 8091 series slide
- Overlay kits require the use of a pinion shaft
- Overlay kits require the use of a partition wall within the cabinet
- 40mm hinge bore is required

# KV Pocket Door Hinge Kits



#### 1. Depth Adjustment Cam

The horizontal (lateral) adjustment range is 6mm. The depth adjustment range is 3.1 mm (-0.5mm to +2.8mm) for all hinge bases.

#### 2. Horizontal (Lateral) Adjustment Cam

The horizontal (lateral) adjustment range is 6mm (-1.5mm to +4.5mm for 35mm cup hinges; -0.5mm to +5.5mm for 40mm cup hinges), while maintaining a constant gap behind the door.

#### 3. Vertical (Height) Adjustment Cam

The vertical (height) adjustment range is 4mm (-2mm to +2mm).

#### **Features**

- Three-way cam hinges for easy adjustment
- Horizontal, vertical and depth changes can be made without loosening any screws
- Four types of hinges for a variety of application

Clearance: 8080 HKS standard hinge: 1-21/32"

8080 HKF free swing hinge: 1-21/32" 8080 HKL partial overlay hinge: 1-37/64" 8080 HKX extra thick door hinge: 1-37/64"

Finish: Black (BLK), Nickel (NP)

## Configurations

Pack C	onfigurations	Hinge Base	Hinges	Screws	Cover Caps	
Kit (K)	2 per bag; 10 bags per carton	Yes	Yes	Yes	Yes	
Nickel	Nickel (NP) Finish KV Hinges for Use with 8071, 8081, 8091 Pocket Door Slides					
Kit (K)		Hinge Cup Siz	ze	Door Thickness	Application	
8080 HKS SAL		35 mm		3/4"	Inset	
8080 HKF SAL		35 mm		3/4"	Inset - Free Swing	
8080 HKL SAL		40 mm		3/4"	Partial Overlay	
8086 HKX SAL		40 mm		1-1/4"	Inset - Thick Door	
Black (	EB) Finish KV H	inges for Use w	rith 8071, 808	81, 8091 Pocket Do	oor Slides	
Kit (K)		Hinge Cup Siz	ze	Door Thickness	Application	
8080 H	KS SAL EB	SAL EB 35 mm		3/4"	Inset	
8080 HKL SAL EB		40 mm		3/4"	Partial Overlay	
8086 HKX SAL EB		40 mm		1-1/4"	Inset - Thick Door	



# Hinge Systems

How to Choose a Hinge System 6
Required Hinge Quantity for Wood Doors6
Supreme Hinge
Master Hinge6
Star Hinge6
Star Track Hinge
Mini Star Hinge
KV 90°/45° Hinge
Mounting Plates 7



# How to Choose a Hinge System

First, to define a Euro-style hinge system is to understand the parts. They are: 1) hinge cup, 2) hinge body and 3) mounting plate. Manufacturers will combine the hinge cup with the body with options for the mounting plate. KV hinge mounting plate heights are 5mm, 7mm and 9mm.

What drives the hinge "system" choice is related to the overlay of the door on the cabinet. Common overlays are full, half and inset. A full overlay is where the door covers nearly all the cabinet frame. Half overlay covers half the cabinet frame and inset is where the door sits inside the cabinet frame.

For manufacturing efficiency, cabinet makers will determine specifications for overlay and drill patterns for the hinge systems. One key drill pattern is the "fixed distance" or "hinge constant" - the distance the hinge cup overlays the cabinet side panel without a mounting plate attached. For KV hinges, the fixed Distance/hinge constants are:

Full Overlay	18mm	
Half Overlay	09mm	
Inset	0mm	

The second key drill pattern is the "hinge cup drilling distance". It is denoted in assembly drawings as the distance of the outside edge of the hinge cup hole to the edge of the cabinet door (see "C" in the illustration).

This distance is commonly measured in millimeters and ranges from 3mm to 7mm. The hinge cup distance will depend on the cabinetmaker's design and materials for the cabinet door.

A larger hinge cup drilling distance will increase the overlay on the hinged side of the cabinet side panel. Smaller hinge cup drilling distances will decrease the overlay on the hinged side of the cabinet side panel.

ØΑ

#### How to Calculate Overlays (which Hinge and Mounting Plate combinations)

- 1. What is the target overlay?
- 2. Take the fixed distance/hinge constant
- 3. Subtract the mounting plate height
- 4. Add the hinge cup drilling distance

TARGET OVERLAY = FIXED DISTANCE - MP HEIGHT + CUP DISTANCE



the door covers the side door is closed. Side wall for Overlay calculation

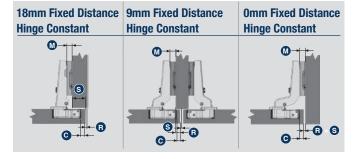


Overlay: The distance that 
Cup Distance: The distance 
Mounting Plate from the edge of the bowl wall of the cabin when the hole to the edge of the lid. it is one of the variables thickness is not important used to provide the desired a mounting plate. cover overlay value. The maximum value depends on the hinge type. (3mm - 7mm)



Thickness: The part used with the hinge to mount the door to the cabinet is called

The mounting plate used for each hinge is specific to that hinge. 5-7-9 mm

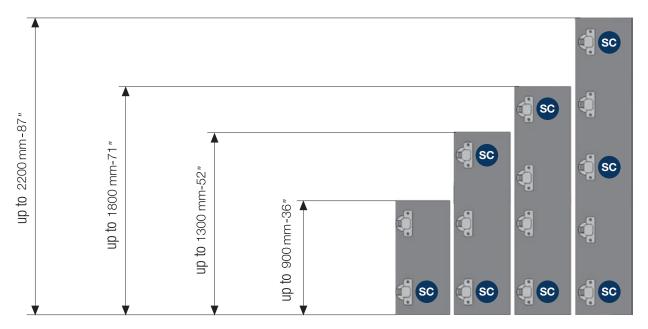


Target Overlay/ Applications	Hinge Opening Angle	Hinge Type	Hinge Arm Crank	Fixed distance/ Hinge Constant	Mounting Plate Height	Hinge Cup Drilling Distance
Inset -2mm (-3/32")	100° & 165°	Inset	18mm	0mm	5mm	3mm
Inset -3mm (-1/8")	100° & 165°	Inset	18mm	0mm	7mm	4mm
Inset -2mm (-3/32")*	100°	Half Overlay	9mm	9mm	14mm	3mm
1/8" (3mm)	100° & 165°	Half Overlay	9mm	9mm	9mm	3mm
1/4" (6mm)	100° & 165°	Half Overlay	9mm	9mm	9mm	6mm
3/8" (9mm)	100° & 165°	Half Overlay	9mm	9mm	5mm	5mm
1/2" (13mm)	100° & 165°	Full Overlay	0mm	18mm	9mm	4mm
9/16" (14.5mm)	100° & 165°	Full Overlay	0mm	18mm	7mm	3.5mm
5/8" (16mm)	100° & 165°	Full Overlay	0mm	18mm	5mm	3mm
5/8" (16mm)	100° & 165°	Full Overlay	0mm	18mm	7mm	5mm
11/16" (17.5mm)	100° & 165°	Full Overlay	0mm	18mm	5mm	4.5mm
23/32" (18mm)	100° & 165°	Full Overlay	0mm	18mm	5mm	5mm
3/4" (19mm)	100° & 165°	Full Overlay	0mm	18mm	5mm	6mm
25/32" (20mm)	100° & 165°	Full Overlay	0mm	18mm	5mm	7mm

<sup>\*</sup>Face-Frame Flush Inset Plate

# Required Hinge Quantity for Wood Doors

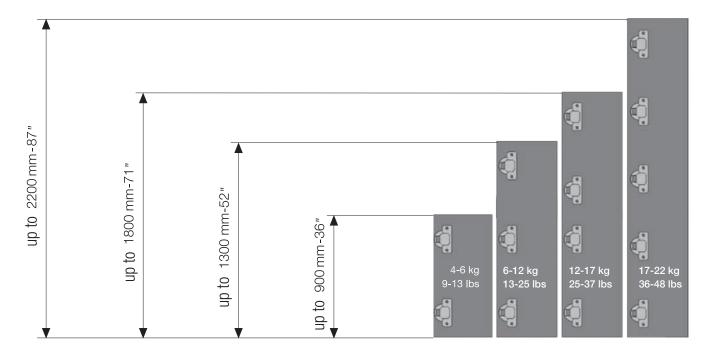
Applies to Master Hinge System.



- Door width is taken as up to 600 mm.
- Number of soft close hinges can change according to the weight of the door. The number of hinges should be decided with trial installation for uncertain situation.

SC Denotes Soft-close Hinge required for Soft-Close application.

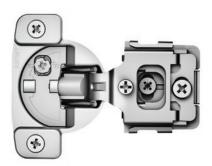
## Applies to Supreme, Star, Star Track, KV 90°/45° Hinge.



- · Quantity of hinges can be calculated according to door dimensions and weight of the door by referring the diagram.
- The number of hinges showed in table should be considered as guide. The number of hinges should be decided with trial installation for uncertain situation.
- Door width is taken as up to 600 mm.

# Supreme Hinge

Features Track-Lock—a release lever that separates the hinge cup (on door) and mounting plate (on cabinet) to save time during your upper cabinet installation process.



1/2" Overlay

#### **Features**

**Application:** Face Frame

Hinge Mount Type: 1/2" Overlay / 1-1/4" Overlay

Degree of Opening: 105° Cup Diameter: 35mm Cup Depth: 11mm

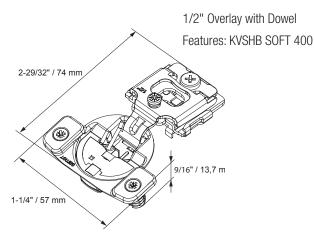
Mounting Type: Wood screw / 8mm Dowel

Diameter of Mounting Hole: 2,5mm (wood screw) and 8mm (dowel)

Closing: Soft-Close Mechanism with On-Off Feature Adjustments: 6-way height, side and depth adjustment

Depth Adjustment: 1/2" Overlay - +2,5/-0mm 1-1/4" Overlay - +3,0/-0mm

Min. Door Thickness: 16mm Max. Door Thickness: 19mm Door Material: Wood Drilling Pattern: 45mm





KVSHB SPRM RAM Insertion Ram for 105° Hinges Fits KV Supreme Hinges

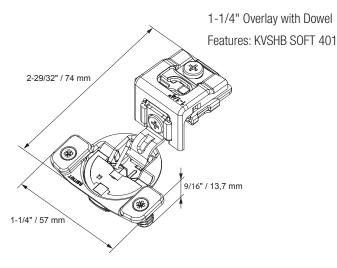
Universal Ram				
Hinge Type	Pack	Part		
105° Hinges	1 per carton	KVSHB SPRM RAM		



## Configurations

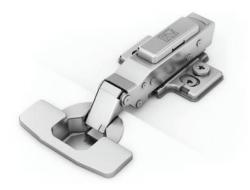
Standard		200 each per	200 each per carton	
1/2" Overlay Su	preme			
Mounting Type	Closing	Overlay	Part	
8mm Dowel	Soft-Close	1/2"	KVSHB SOFT 400	
Woodscrew	Soft-Close	1/2"	KVSHB SOFT 402	
1-1/4" Supreme				
Mounting Type	Closing	Overlay	Part	
8mm Dowel	Soft-Close	1-1/4"	KVSHB S0FT 401	
Woodscrew	Soft-Close	1-1/4"	KVSHB SOFT 403	

Restriction Clip					
Туре	Pack	Part			
85° Restriction Clip	5,000 each	KVSHB RC 410			





# Master Hinge



Mounting plate featured for frameless application

#### **Features**

Application: Face Frame and Frameless (use with a mounting plate)

Hinge Mount Type: Full Overlay, Half Overlay and Inset

Degree of Opening: 110° Cup Diameter: 35mm Cup Depth: 12,5mm

Mounting Type: Wood screw / 8mm Dowel / Euro screw / Tool-less Diameter of Mounting Hole: 2,5mm (wood screw) and 8mm (dowel)

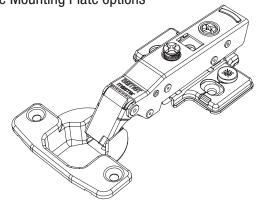
Closing: Soft-Close / Self-Close / Free Swing

Adjustments: 6-way height, side and depth adjustment

Depth Adjustment: +3,0/-2mm Side Adjustment: +6,0/-1mm Min. Door Thickness: 16mm Max. Door Thickness: 26mm Door Material: Wood / Aluminium

Drilling Pattern: 45mm

For both frameless and face frame applications, see Mounting Plate options



Features: KVSHB SOFT 801



## Configurations

•			
Standard		125 each per ca	rton
Full Overlay Mas	ster Hinge		
Mounting Type	Closing	Overlay	Part
Woodscrew	Soft-Close	Full	KVSHB SOFT 800
8mm Dowel	Soft-Close	Full	KVSHB SOFT 808
Tool-less	Soft-Close	Full	KVSHB SOFT 809
Woodscrew	Self-Close	Full	KVSHB SELF 803
8mm Dowel	Self-Close	Full	KVSHB SELF 814
Tool-less	Self-Close	Full	KVSHB SELF 815
Woodscrew	Free Swing	Full	KVSHB FW 806
8mm Dowel	Free Swing	Full	KVSHB FW 820
Half Overlay Ma	ster Hinge		
Mounting Type	Closing	Overlay	Part
Woodscrew	Soft-Close	Half	KVSHB SOFT 801
8mm Dowel	Soft-Close	Half	KVSHB SOFT 810
Tool-less	Soft-Close	Half	KVSHB SOFT 811
Woodscrew	Self-Close	Half	KVSHB SELF 804
8mm Dowel	Self-Close	Half	KVSHB SELF 816
Tool-less	Self-Close	Half	KVSHB SELF 817
Inset Master Hir	ige		
Mounting Type	Closing	Overlay	Part
Woodscrew	Soft-Close	Inset	KVSHB SOFT 802
8mm Dowel	Soft-Close	Inset	KVSHB SOFT 812
Tool-less	Soft-Close	Inset	KVSHB SOFT 813
Woodscrew	Self-Close	Inset	KVSHB SELF 805
8mm Dowel	Self-Close	Inset	KVSHB SELF 818
Tool-less	Self-Close	Inset	KVSHB SELF 819

Add-On Mechanism		
Туре	Pack	Part
Push-Open Adjustable Long Latch Bracket	250 each	KVSHB LB GR
Push-Open Long Latch Mechanism Strike Plate	250 each	KVSHB LMP NK
Push-Open Long Latch Mechanism	250 each	KVSHB LM GR
Decorative Cover		
Туре	Pack	Part
Hinge Arm Decorative Cover	250 each	KVSHB DC 807
Hinge Cup Decorative Cover	250 each	KVSHB DC 310
85° Restriction Clip	5,000 each	KVSHB RC 410
Lever Restriction Clip	5,000 each	KVSHB LRC 822

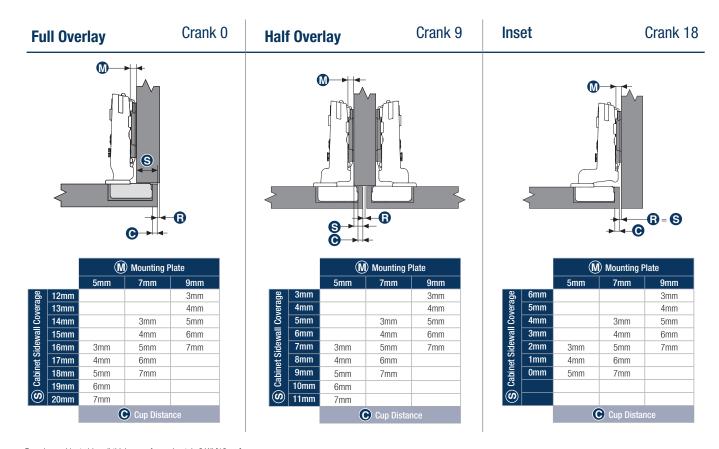
Non-stock item – minimum order quantities and additional lead time may apply.



KVSHB SAMET RAM For 110° & 165° Hinges Fits KV Master, Star & StarTrack Hinges

Universal Ram				
Hinge Type	Pack	Part		
110° & 165° Hinges	1 each	KVSHB SAMET RAM		

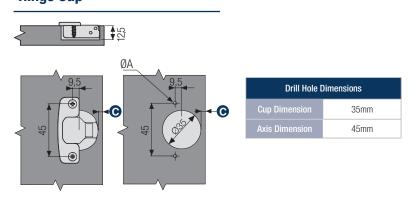
# Master Hinge



Based on cabinet sidewall thickness of aproximately 3/4" [19mm].



### **Hinge Cup**



# Star Hinge



Mounting plate featured for frameless application

#### **Features**

Application: Face Frame and Frameless (use with a mounting plate)

Hinge Mount Type: Full Degree of Opening: 110° Cup Diameter: 35mm Cup Depth: 11,3mm

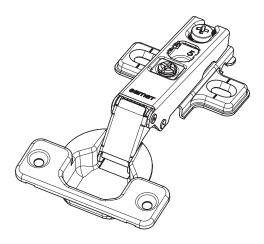
Mounting Type: Wood screw / 8mm Dowel

Diameter of Mounting Hole: 2,5mm (wood screw) and 8mm (dowel)

Closing: Self-Close

Adjustments: 6-way height, side and depth adjustment

Depth Adjustment: +2,5/-2mm Min. Door Thickness: 14mm Max. Door Thickness: 22mm Door Material: Wood Drilling Pattern: 45mm



Features: KVSHB SELF 600

# Configurations

Standard		250 each per ca	250 each per carton		
Full Overlay Star	•				
Mounting Type	Closing	Overlay	Part		
8mm Dowel	Self-Close	Full	KVSHB SELF 601		
Woodscrew Self-Close		Full	KVSHB SELF 600		
Add-On Mechan	ism				
Туре		Pack	Part		
Cabinet Plus Soft Closing Mechanism		250 each	KVSHB SOFTM GR		
Cabinet Plus Mou	nting Bracket	250 each	KVSHB MB GR		
Decorative Cove	r				
Туре		Pack	Part		
Hinge Arm Decora	ative Cover	250 each	KVSHB DC 516		
Hinge Cup Decora	ative Cover	250 each	KVSHB DC 517		

Non-stock item - minimum order quantities and additional lead time may apply.

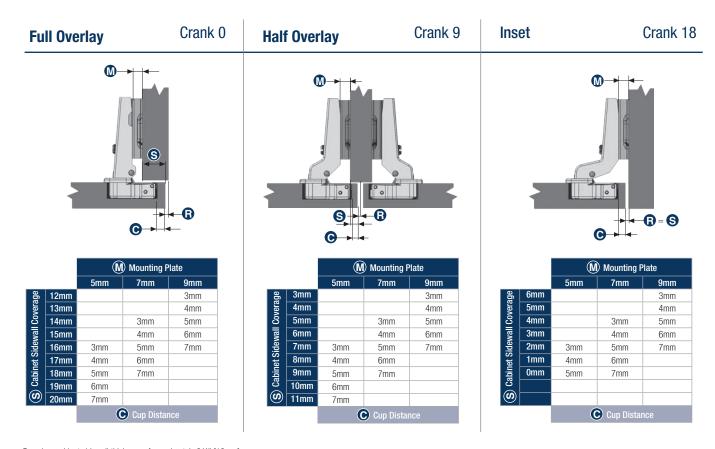


KVSHB SAMET RAM
For 110° & 165° Hinges
Fits KV Master, Star & StarTrack Hinges

Universal Ram		
Hinge Type	Pack	Part
110° & 165° Hinges	1 each	KVSHB SAMET RAM



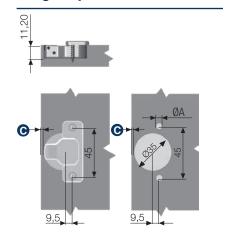
# Star Hinge



Based on cabinet sidewall thickness of aproximately 3/4" [19mm].

		(R) Minimum Reveal for Doors									
<b>D</b> Door Thickness	16mm	17mm	18mm	19mm	20mm	21mm	22mm	23mm	24mm	25mm	26mm
<b>©</b> = 3mm	.71mm	.96mm	1.27mm	1.63mm	2.05mm	2.56mm	3.17mm	3.89mm	4.67mm	5.49mm	6.34mm
<b>C</b> = 4mm	.68mm	.92mm	1.21mm	1.55mm	1.95mm	2.41mm	2.95mm	3.59mm	4.30mm	5.07mm	5.88mm
<b>C</b> = 5mm	.65mm	.89mm	1.17mm	1.49mm	1.86mm	2.29mm	2.78mm	3.35mm	4.00mm	4.71mm	5.47mm
<b>C</b> = 6mm	.63mm	.86mm	1.12mm	1.43mm	1.78mm	2.18mm	2.64mm	3.16mm	3.76mm	4.41mm	5.13mm
<b>C</b> = 7mm	.61mm	.83mm	1.08mm	1.38mm	1.71mm	2.09mm	2.52mm	3.01mm	3.56mm	4.16mm	4.83mm

## **Hinge Cup**



Drill Hole Dimensions					
Cup Dimension	35mm				
Axis Dimension	45mm				

## **Fastener Options**

0A (mm) = Chipboard Screw 02,5x5 / Euro Screw 05x12 / (08-10) Dowel (08-10)x12 , Easy Fit; 10x12

# Star Track Hinge



Mounting plate featured for face frame application

#### **Features**

Application: Face Frame and Frameless (use with a mounting plate)

Hinge Mount Type: Full

Degree of Opening: 110°,165° and Folding Door Options Special Applications: 45°, 90° degree and 165° opening hinges

Cup Diameter: 35mm Cup Depth: 11,3mm

Mounting Type: Wood screw / 8mm Dowel

Diameter of Mounting Hole: 2,5mm (wood screw) and 8mm (dowel)

Closing: Self-Close

Adjustments: 6-way height, side and depth adjustment

Depth Adjustment: +2/-2mm Min. Door Thickness: 14mm Max. Door Thickness: 22mm

Door Material: Wood Drilling Pattern: 45mm

## Configurations

Standard		125 each per carto	125 each per carton			
Full Overlay Star	Full Overlay Star Track					
Mounting Type	Closing	Overlay	Part			
Woodscrew	Self-Close	Full	KVSHB SELF 503			
8mm Dowel	Self-Close	Full	KVSHB SELF 505			
Woodscrew	Self-Close	Full	KVSHB FD 500			
8mm Dowel	Self-Close	Full	KVSHB FD 501			
Woodscrew	Folding	_	KVSHB SELF 502			
8mm Dowel	Folding	_	KVSHB SELF 504			

Decorative Cover						
Туре	Pack	Part				
Hinge Arm Decorative Cover	250 each	KVSHB DC 516				
Hinge Cup Decorative Cover	250 each	KVSHB DC 517				

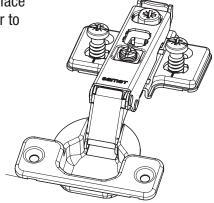
Non-stock item – minimum order quantities and additional lead time may apply.



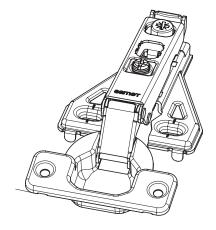
KVSHB SAMET RAM
For 110° & 165° Hinges
Fits KV Master, Star & StarTrack Hinges

Universal Ram		
Hinge Type	Pack	Part
110° & 165° Hinges	1 each	KVSHB SAMET RAM

For both frameless and face frame applications, refer to Mounting Plate options



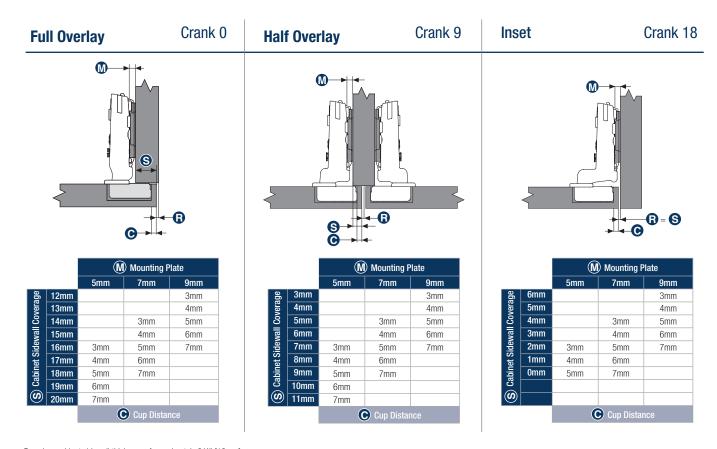
Features: KVSHB SELF 505



Features: KVSHB FD 501



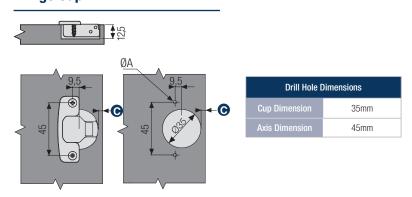
# Star Track Hinge



Based on cabinet sidewall thickness of aproximately 3/4" [19mm].



### **Hinge Cup**



# Mini Star Hinge



### **Features**

Application: Frameless
Hinge Mount Type: Full
Degree of Opening: 110°
Cup Diameter: 26mm
Cup Depth: 10,2mm
Mounting Type: Euroscrew
Diameter of Mounting Hole: 26mm

Closing: Self-Close

Adjustments: 6-way height, side and depth adjustment

Depth Adjustment: +/- 2mm Min. Door Thickness: 16mm Max. Door Thickness: 26mm Door Material: Wood Drilling Pattern: 38mm

Features: KVSH MINI ST01

## Configurations

Standard		500 each per carton	
Mini Star Hinge			
Mounting Type	Closing	Overlay	Part
Woodscrew	Self-Close	Full	KVSH MINI ST01
Mounting Plate			
Туре		Pack	Part
Mounting Plate		500 each	KVSH MINI MPOI

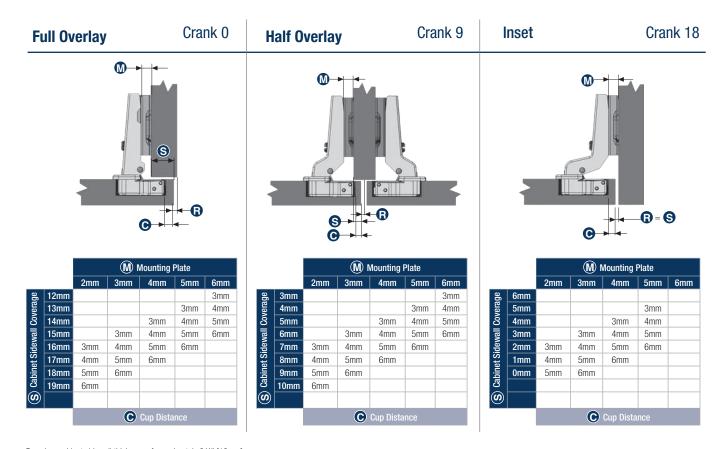
Non-stock item – minimum order quantities and additional lead time may apply.



KVSHB SAMET RAM
For 110° & 165° Hinges
Fits KV Master, Star & StarTrack Hinges

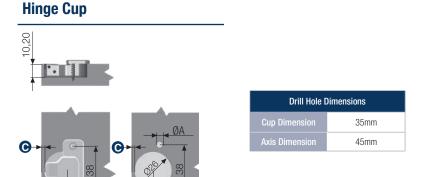
Universal Ram		
Hinge Type	Pack	Part
110° & 165° Hinges	1 each	KVSHB SAMET RAM

# Mini Star Hinge



Based on cabinet sidewall thickness of aproximately 3/4" [19mm].

		(R) Minimum Reveal for Doors									
D Door Thickness	16mm	17mm	18mm	19mm	20mm	21mm	22mm	23mm	24mm		26mm
<b>C</b> = 3mm	1.76mm	2.31mm	2.99mm	3.77mm	4.59mm	5.45mm	6.33mm	7.23mm	8.14mm	9.06mm	9.99mm
<b>C</b> = 4mm	1.66mm	2.13mm	2.71mm	3.41mm	4.17mm	4.98mm	5.82mm	6.69mm	7.57mm	8.47mm	9.37mm
<b>C</b> = 5mm	1.57mm	2.00mm	2.51mm	3.12mm	3.82mm	4.23mm	5.37mm	6.20mm	7.05mm	7.92mm	8.80mm
<b>C</b> = 6mm	1.49mm	1.89mm	2.36mm	2.91mm	3.54mm	4.58mm	4.98mm	5.77mm	6.59mm	7.42mm	8.28mm
<b>C</b> = 7mm	1.43mm	1.80mm	2.23mm	2.23mm	3.31mm	3.95mm	4.65mm	5.39mm	6.17mm	6.98mm	7.80mm

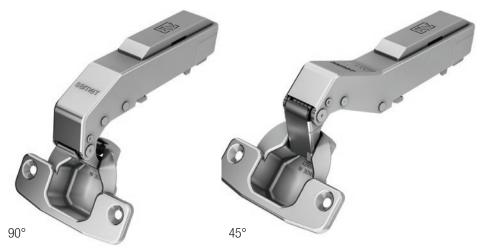


## **Fastener Options**

0A (mm) = Chipboard Screw 02,5x5 / Euro Screw 05x12 / (08-10) Dowel (08-10)x12 , Easy Fit; 10x12

7,5

# KV 90°/45° Hinge



#### **Features**

Application: Blind Corner / Diagonal Wooden

Hinge Mount Type: 90°- Inset / 45° - Varies by application Degree of Opening: 110° Diagonal / 95° Blind Corner

Special Applications: Angular Cabinets

Cup Diameter: 35mm Cup Depth: 12,5mm

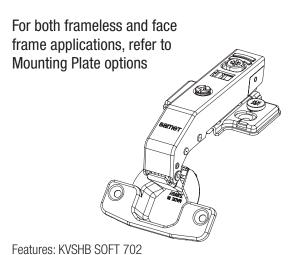
Mounting Type: Woodscrew, 8mm Dowel, 8mm Exp. Dowel

**Diameter of Mounting Hole:** 35mm **Closing:** Soft-Close / Self-Close

Adjustments: 6-way height, side and depth adjustment

Depth Adjustment: +3.0/-2.0mm Min. Door Thickness: 16mm Max. Door Thickness: 24mm

Door Material: Wood Drilling Pattern: 45mm



KNAPE&VOGT

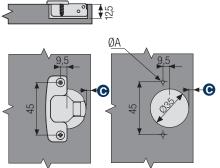
70

## Configurations

KV Hinge +45° Diagonal         Overlay         Part           Woodscrew         Soft-Close         Varies by application         KVSHB SOFT 701           8mm Dowel         Soft-Close         Varies by application         KVSHB SOFT 705           8mm Exp. Dowel         Soft-Close         Varies by application         KVSHB SOFT 706           Woodscrew         Self-Close         Varies by application         KVSHB SELF 703           8mm Dowel         Self-Close         Varies by application         KVSHB SELF 709           8mm Exp. Dowel         Self-Close         Varies by application         KVSHB SELF 710           KV Hinge 90° Blind Corner         Woodscrew         Soft-Close         Inset         KVSHB SOFT 702           8mm Dowel         Soft-Close         Inset         KVSHB SOFT 707           8mm Exp. Dowel         Soft-Close         Inset         KVSHB SOFT 708           Woodscrew         Soft-Close         Inset         KVSHB SOFT 708		
Woodscrew         Soft-Close         Varies by application         KVSHB SOFT 701           8mm Dowel         Soft-Close         Varies by application         KVSHB SOFT 705           8mm Exp. Dowel         Soft-Close         Varies by application         KVSHB SOFT 706           Woodscrew         Self-Close         Varies by application         KVSHB SELF 703           8mm Dowel         Self-Close         Varies by application         KVSHB SELF 709           8mm Exp. Dowel         Self-Close         Varies by application         KVSHB SELF 710           KV Hinge 90° Blind Corner         Wounting Type         Closing         Overlay         Part           Woodscrew         Soft-Close         Inset         KVSHB SOFT 702           8mm Dowel         Soft-Close         Inset         KVSHB SOFT 707           8mm Exp. Dowel         Soft-Close         Inset         KVSHB SOFT 708		
8mm Dowel Soft-Close Varies by application KVSHB SOFT 705 8mm Exp. Dowel Soft-Close Varies by application KVSHB SOFT 706 Woodscrew Self-Close Varies by application KVSHB SELF 703 8mm Dowel Self-Close Varies by application KVSHB SELF 709 8mm Exp. Dowel Self-Close Varies by application KVSHB SELF 710  KV Hinge 90° Blind Corner  Mounting Type Closing Overlay Part  Woodscrew Soft-Close Inset KVSHB SOFT 702 8mm Dowel Soft-Close Inset KVSHB SOFT 707 8mm Exp. Dowel Soft-Close Inset KVSHB SOFT 707		
8mm Exp. Dowel Soft-Close Varies by application KVSHB SOFT 706 Woodscrew Self-Close Varies by application KVSHB SELF 703 8mm Dowel Self-Close Varies by application KVSHB SELF 709 8mm Exp. Dowel Self-Close Varies by application KVSHB SELF 710  KV Hinge 90° Blind Corner  Mounting Type Closing Overlay Part  Woodscrew Soft-Close Inset KVSHB SOFT 702 8mm Dowel Soft-Close Inset KVSHB SOFT 707 8mm Exp. Dowel Soft-Close Inset KVSHB SOFT 708		
Woodscrew Self-Close Varies by application KVSHB SELF 703 8mm Dowel Self-Close Varies by application KVSHB SELF 709 8mm Exp. Dowel Self-Close Varies by application KVSHB SELF 710  KV Hinge 90° Blind Corner  Mounting Type Closing Overlay Part  Woodscrew Soft-Close Inset KVSHB SOFT 702 8mm Dowel Soft-Close Inset KVSHB SOFT 707 8mm Exp. Dowel Soft-Close Inset KVSHB SOFT 708		
8mm Dowel Self-Close Varies by application KVSHB SELF 709 8mm Exp. Dowel Self-Close Varies by application KVSHB SELF 710  KV Hinge 90° Blind Corner  Mounting Type Closing Overlay Part  Woodscrew Soft-Close Inset KVSHB SOFT 702  8mm Dowel Soft-Close Inset KVSHB SOFT 707  8mm Exp. Dowel Soft-Close Inset KVSHB SOFT 708		
8mm Exp. Dowel         Self-Close         Varies by application         KVSHB SELF 710           KV Hinge 90° Blind Corner         Mounting Type         Closing         Overlay         Part           Woodscrew         Soft-Close         Inset         KVSHB SOFT 702           8mm Dowel         Soft-Close         Inset         KVSHB SOFT 707           8mm Exp. Dowel         Soft-Close         Inset         KVSHB SOFT 708		
KV Hinge 90° Blind Corner           Mounting Type         Closing         Overlay         Part           Woodscrew         Soft-Close         Inset         KVSHB SOFT 702           8mm Dowel         Soft-Close         Inset         KVSHB SOFT 707           8mm Exp. Dowel         Soft-Close         Inset         KVSHB SOFT 708		
Mounting Type         Closing         Overlay         Part           Woodscrew         Soft-Close         Inset         KVSHB SOFT 702           8mm Dowel         Soft-Close         Inset         KVSHB SOFT 707           8mm Exp. Dowel         Soft-Close         Inset         KVSHB SOFT 708		
Woodscrew         Soft-Close         Inset         KVSHB SOFT 702           8mm Dowel         Soft-Close         Inset         KVSHB SOFT 707           8mm Exp. Dowel         Soft-Close         Inset         KVSHB SOFT 708		
8mm Dowel         Soft-Close         Inset         KVSHB SOFT 707           8mm Exp. Dowel         Soft-Close         Inset         KVSHB SOFT 708		
8mm Exp. Dowel Soft-Close Inset KVSHB SOFT 708		
·		
Woodscrew Self-Close Inset KVSHB SELF 704		
8mm Dowel Self-Close Inset KVSHB SELF 711		
8mm Exp. Dowel Self-Close Inset KVSHB SELF 712	KVSHB SELF 712	
Decorative Cover		
Type Pack Part		
Hinge Arm Decorative Cover 250 each KVSHB DC 311		
Hinge Cup Decorative Cover 250 each KVSHB DC 310		

## KV 90°/45° Hinge Cup

# **Fastener Options**

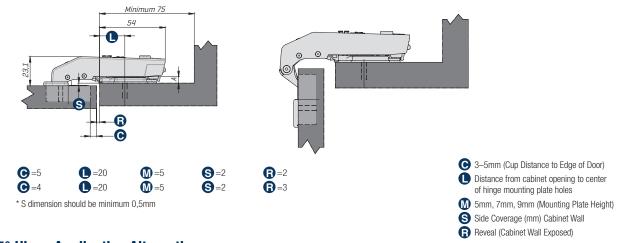


Drill Hole Dimensions					
Cup Dimension	35mm				
Axis Dimension	45mm				

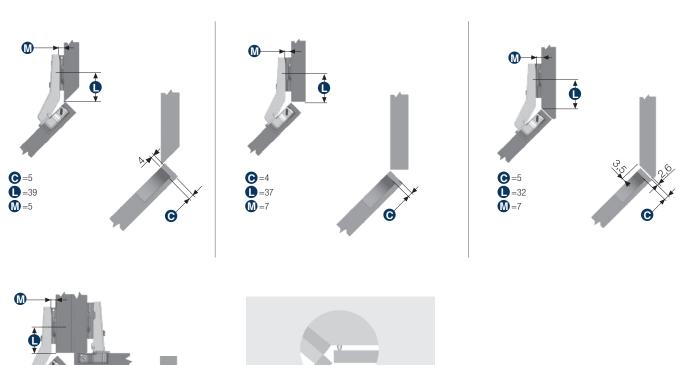
0A (mm) = Chipboard Screw 02,5x5 / Euro Screw 05x12 / (08-10) Dowel (08-10)x12 , Easy Fit; 10x12

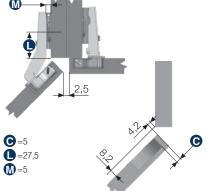
# KV 90°/45° Hinge

# **KV 90° Hinge Application Alternatives**



# **KV 45° Hinge Application Alternatives**







## Mounting Plates







Woodscrew Face Frame



Plastic Dowel



Euro Screw Pre-mounted

Туре	Pack	Part
MASTER / KV 5MM ADJUSTABLE MOUNTING PLATE WOODSCREW	125 each	KVSHB MP 210
MASTER / KV 5MM ADJUSTABLE MOUNTING PLATE PM EURO SCREW 6.3MMX14MM	125 each	KVSHB MP 211
MASTER / KV 5MM ADJUSTABLE MOUNTING PLATE 5MMX7.5MM EXP DOWEL	125 each	KVSHB MP 212
MASTER / KV 5MM ADJUSTABLE MOUNTING PLATE 5MMX11.5MM EXP DOWEL	125 each	KVSHB MP 213
MASTER / KV 7MM ADJUSTABLE MOUNTING PLATE WOODSCREW	125 each	KVSHB MP 214
MASTER / KV 7MM ADJUSTABLE MOUNTING PLATE PM EURO SCREW 6.3MMX14MM	125 each	KVSHB MP 215
MASTER / KV 7MM ADJUSTABLE MOUNTING PLATE 5MMX7.5MM EXP DOWEL	125 each	KVSHB MP 216
MASTER / KV 7MM ADJUSTABLE MOUNTING PLATE 5MMX11.5MM EXP DOWEL	125 each	KVSHB MP 217
MASTER / KV 9MM ADJUSTABLE MOUNTING PLATE WOODSCREW	125 each	KVSHB MP 218
MASTER / KV 9MM ADJUSTABLE MOUNTING PLATE PM EURO SCREW 6.3MMX14MM	125 each	KVSHB MP 219
MASTER / KV 9MM ADJUSTABLE MOUNTING PLATE 5MMX7.5MM EXP DOWEL  **Non-stock item – minimum order quantities and additional lead time may apply.**	125 each	KVSHB MP 220
MASTER / KV 9MM ADJUSTABLE MOUNTING PLATE 5MMX11.5MM EXP DOWEL	125 each	KVSHB MP 221
MASTER / KV / STAR TRACK 5MM MOUNTING PLATE PM EURO SCREW 4-HOLE 6.3MMX14MM	125 each	KVSHB MP 110
MASTER / KV / STAR TRACK 7MM MOUNTING PLATE PM EURO SCREW 4-HOLE 6.3MMX14MM	125 each	KVSHB MP 111
MASTER / KV / STAR TRACK 9MM MOUNTING PLATE PM EURO SCREW 4-HOLE 6.3MMX14MM	125 each	KVSHB MP 112
MASTER / KV / STAR TRACK 5MM ADJ FACE FRAME ADAPTER MOUNTING PLATE WOODSCREW	125 each	KVSHB MPA 114
MASTER / KV / STAR TRACK 9MM ADJ FACE FRAME ADAPTER MOUNTING PLATE WOODSCREW	125 each	KVSHB MPA 115
MASTER / KV / STAR TRACK 9MM FACE FRAME ADAPTER MOUNTING PLATE WOODSCREW	125 each	KVSHB MPA 113
MASTER / KV ADJUSTABLE INSET FACE FRAME ADAPTER MOUNTING PLATE WOODSCREW	125 each	KVSHB MPA 104





## Lifting Systems

Solo-Mech	 	 	74
Performa Lid Stay	 	 	75
Gas Spring Lifter	 	 	75



## Solo-Mech



Solo-Mech hingeless Lift systems are the KV powered by Samet solution for single, lift-up doors. Solo-Mech has three lifter options based on cabinet door weights.

All systems feature three-dimensional alignment mechanisms allowing installers to achieve the perfect placement in cabinets with adjustments for vertical, horizontal, and front/back for perfect installation.

Solo-Mech provides color options and provides seamless design when combined with Flowbox, KV powered by Samet's premier drawbox system product.

#### **Features**

- Premium lifter system for single panel doors
- Fully mechanical coil spring lifting mechanism
- Up to 30 LB (14 kg) loading capacity
- Toolless assembly and disassembly of doors with the Track mechanism
- Opening angle options 107° and 90°
- Four color options: Anthracite, gray, mocha and white

Pack	1 pair	
Solo-Mech White		
Power Unit	Part	
A1	KVSL A WH	
B1	KVSL B WH	
C1	KVSL C WH	
Solo-Mech Gray		
Power Unit	Part	
A1	KVSL A GR	
B1	KVSL B GR	
C1	KVSL C GR	
Solo-Mech Anthracite		
Power Unit	Part	
A1	KVSL A AN	
B1	KVSL B AN	
C1	KVSL C AN	
Solo-Mech Mocha		
Power Unit	Part	
A1	KVSL A MC	
B1	KVSL B MC	
C1	KVSL C MC	

Solo-Mech Template	
Description	Part
Solo-Mech Lift Drilling Template	KVSLB DT

	Solo-Mech Power Unit					
	A1		B1		C1	
	MIN LB	MAX LB	MIN LB	MAX LB	MIN LB	MAX LB
Door Height						
7-7/8" (200 mm)	7.9	14.3	11	21.4	15.4	32.4
7-29/32" - 9-27/32" (201-250 mm)	7.5	11.7	8.8	16.5	21.1	26.9
9-7/8" - 11-13/16" (251-300 mm)	4.2	10.8	6.6	13	9.9	21.8
11-27/32" - 13-25/32" (301-350 mm)	3.5	7.9	6.2	11	8.8	17.4
13-13/16" - 15-3/4" (351-400 mm)	3.1	6.8	5.3	9.3	7.9	15.9
15-25/32" - 17-23/32" (401-450 mm)	2.9	6.2	4.9	8.4	7.1	13.9
17-3/4" - 19-11/16" (451-500 mm)	2.6	5.5	4.4	7.5	6.2	12.1
19-23/32" - 21-21/32" (501-550 mm)	2.2	4.9	3.9	6.6	5.7	11.2
21-11/16" - 23	2.1	4.4	3.7	6.2	5.5	10.1



## Performa Lid Stay



#### **Features**

- Designed for lift-up and drop-down door applications
- Application includes use wooden doors and aluminum/glass doors
- The simple closing force adjustment with the turn of a screw
- Unhanded design for easy installation
- Left/Right side usage is suggested for optimum performance

#### Configurations

Standard 100 each per carton		
Performa Lid Stay		
Description	Part	
37AX Nickel	KVSLB LS	

## Gas Spring Lifter



#### **Features**

- For lift-up doors applications
- Adjustable opening angle
- Four different force options according to door weight
- Left/Right side usage is suggested for optimum performance

#### Configurations

Standard	100 each per carton
Gas Spring Lifter	
Description	Part
80N Gray	KVSLB 80N GR
100N Gray	KVSLB 100N GR
120N Gray	KVSLB 120N GR
60N Gray	KVSLB 60N GR

Non-stock item – minimum order quantities and additional lead time may apply.

Maximum Door Weight Ratio			
0.225			
Pounds			
13.5			
18.0			
22.5			
27.0			





# Drawer Box Systems

Flowbox	. 77
Flowbox Upgrades	. 79
Alphabox	. 81
Rollbox	. 82
Sam Box	. 83
Smart Roy	Ω1



## Flowbox



Configurations

Flowbox (Standard)					
Drawer Height	Drawer Length	Finish	Pack	Part	
106/16	270mm	Anthracite	1 set	KVSDBB 7570 AN	
106/16	270mm	Black	1 set	KVSDBB 7569 EB	
106/16	270mm	Mocha	1 set	KVSDBB 7568 MC	
106/16	270mm	White	1 set	KVSDBB 7567 WH	
106/16	300mm	Anthracite	1 set	KVSDBB 7566 AN	
106/16	300mm	Black	1 set	KVSDBB 7565 EB	
106/16	300mm	Mocha	1 set	KVSDBB 7564 MC	
106/16	300mm	White	1 set	KVSDBB 7563 WH	
106/16	350mm	Anthracite	1 set	KVSDBB 7562 AN	
106/16	350mm	Black	1 set	KVSDBB 7561 EB	
106/16	350mm	Mocha	1 set	KVSDBB 7560 MC	
106/16	350mm	White	1 set	KVSDBB 7559 WH	
106/16	400mm	Anthracite	1 set	KVSDBB 7558 AC	
106/16	400mm	Black	1 set	KVSDBB 7557 EB	
106/16	400mm	Mocha	1 set	KVSDBB 7556 MC	
106/16	400mm	White	1 set	KVSDBB 7555 WH	
106/16	450mm	Anthracite	1 set	KVSDBB 7554 AN	
106/16	450mm	Black	1 set	KVSDBB 7553 EB	
106/16	450mm	Mocha	1 set	KVSDBB 7552 MC	
106/16	450mm	White	1 set	KVSDBB 7551 WH	
106/16	500mm	Anthracite	1 set	KVSDBB 7550 AN	
106/16	500mm	Black	1 set	KVSDBB 7549 EB	
106/16	500mm	Mocha	1 set	KVSDBB 7548 MC	
106/16	500mm	White	1 set	KVSDBB 7547 WH	
106/16	550mm	Anthracite	1 set	KVSDBB 7546 AN	
106/16	550mm	Black	1 set	KVSDBB 7545 EB	
106/16	550mm	Mocha	1 set	KVSDBB 7544 MC	
106/16	550mm	White	1 set	KVSDBB 7543 WH	
106/16	600mm	Anthracite	1 set	KVSDBB 7542 AN	
106/16	600mm	Black	1 set	KVSDBB 7541 EB	
106/16	600mm	Mocha	1 set	KVSDBB 7540 MC	
106/16	600mm	White	1 set	KVSDBB 7539 WH	
192/16	270mm	Anthracite	1 set	KVSDBB 7534 AN	
192/16	270mm	Black	1 set	KVSDBB 7533 EB	
192/16	270mm	Mocha	1 set	KVSDBB 7532 MC	

KV Powered by Samet Premium Drawer Box System. Provides the most options for a custom look. Features 3D adjustments (including front panel tilt), five finish options. (Standard finishes: White and Anthracite) and four drawer heights. Options for drawer height extension with either side rails or glass panels

#### **Features**

Slide System: Undermount

Side Panel Thickness: Double-wall, thin Drawer Height (Total): 106mm, 192mm Drawer Lengths: 270mm–600mm Open/Close Options: Soft-close

Adjustments: 3D: L/R (3mm), Vertical (4mm), Tilt (front/back) (3mm)

Drawer Bottom Thickness: 16mm, 18mm Back Panel Thickness (Wood): 16mm, 18mm Finish Options: White, Anthracite, Black\*, Mocha\*

Optional Side Rails: Yes Optional Glass Panels: Yes

Package Includes: Left / Right Soft-Close Drawer Slide (varies by length), Left / Right Color Side Panel, 2 Decoration Covers, 2 Front Side Connection Furnishings

	ard)			
Drawer Height	Drawer Length	Finish	Pack	Part
192/16	270mm	White	1 set	KVSDBB 7531 WH
192/16	300mm	Anthracite	1 set	KVSDBB 7530 AN
192/16	300mm	Black	1 set	KVSDBB 7529 EB
192/16	300mm	Mocha	1 set	KVSDBB 7528 MC
192/16	300mm	White	1 set	KVSDBB 7527 WH
192/16	350mm	Anthracite	1 set	KVSDBB 7526 AN
192/16	350mm	Black	1 set	KVSDBB 7525 EB
192/16	350mm	Mocha	1 set	KVSDBB 7524 MC
192/16	350mm	White	1 set	KVSDBB 7523 WH
192/16	400mm	Anthracite	1 set	KVSDBB 7522 AN
192/16	400mm	Black	1 set	KVSDBB 7521 EB
192/16	400mm	Mocha	1 set	KVSDBB 7520 MC
192/16	400mm	White	1 set	KVSDBB 7519 WH
192/16	450mm	Anthracite	1 set	KVSDBB 7518 AN
192/16	450mm	Black	1 set	KVSDBB 7517 EB
192/16	450mm	Mocha	1 set	KVSDBB 7516 MC
192/16	450mm	White	1 set	KVSDBB 7515 WH
192/16	500mm	Anthracite	1 set	KVSDBB 7514 AN
192/16	500mm	Black	1 set	KVSDBB 7513 EB
192/16	500mm	Mocha	1 set	KVSDBB 7512 MC
192/16	500mm	White	1 set	KVSDBB 7511 WH
192/16	550mm	Anthracite	1 set	KVSDBB 7510 AN
192/16	550mm	Black	1 set	KVSDBB 7509 EB
192/16	550mm	Mocha	1 set	KVSDBB 7508 MC
192/16	550mm	White	1 set	KVSDBB 7507 WH
192/16	600mm	Anthracite	1 set	KVSDBB 7506 AN
192/16	600mm	Black	1 set	KVSDBB 7505 EB
192/16	600mm	Mocha	1 set	KVSDBB 7504 MC
192/16	600mm	White	1 set	KVSDBB 7503 WH

\*Non-stock item – minimum order quantities and additional lead time may apply.



## Flowbox

Flowbox (Side Bulk)					
Drawer Height	Drawer Length	Finish	Pack	Part	
106/16	450mm	White	128 set	KVSDBB 7410 WH	
106/16	450mm	Anthracite	128 Set	KVSDBB 7411 AN	
106/16	500mm	White	112 Set	KVSDBB 7408 WH	
106/16	500mm	Anthracite	112 Set	KVSDBB 7409 AN	
106/16	550mm	White	112 Set	KVSDBB 7406 WH	
106/16	550mm	Anthracite	112 Set	KVSDBB 7407 AN	
192/16	450mm	White	65 Set	KVSDBB 7404 WH	
192/16	450mm	Anthracite	65 Set	KVSDBB 7405 AN	
192/16	500mm	White	56 Set	KVSDBB 7402 WH	
192/16	500mm	Anthracite	56 Set	KVSDBB 7403 AN	
192/16	550mm	White	56 Set	KVSDBB 7400 WH	
192/16	550mm	Anthracite	56 Set	KVSDBB 7401 AN	

Flowbox (Slide Bulk)		
Туре	Pack	Part
450mm	128 Set	KVSDBB 7502
500mm	112 Set	KVSDBB 7501
550mm	112 Set	KVSDBB 7500

Flowbox (Connectors)				
Туре	Pack	Part		
Drawer Front Connector Woodscrew	500 pcs	KVSDBB 8101		
Drawer Front Connector 10mm Ext Dowel	500 pcs	KVSDBB 8102		
Drawer Front Connector Upper H192 Woodscrew	500 pcs	KVSDBB 7100		
Drawer Front Connector Upper H192 10mm Ext Dowel	500 pcs	KVSDBB 7101		

Decorative Cover				
Туре	Pack	Part		
Decorative Covers Inner White	1000 pcs	KVSDBB 7102 WH		
Decorative Covers Inner Anthracite	1000 pcs	KVSDBB 7103 AN		
Decorative Covers Outer White KV Logo	1000 pcs	KVSDBB 7104 WH		
Decorative Covers Outer Anthracite KV Logo	1000 pcs	KVSDBB 7105 AN		



## Flowbox Upgrades

Flowbox Gallery Railing			
Drawer Length	Finish	Pack	Part
270mm	White	12 Set	KVSDBB 7728 WH
270mm	Black	12 Set	KVSDBB 7730 EB
270mm	Mocha	12 Set	KVSDBB 7729 MC
270mm	Anthracite	12 Set	KVSDBB 7731 AN
300mm	White	12 Set	KVSDBB 7724 WH
300mm	Black	12 Set	KVSDBB 7726 EB
300mm	Mocha	12 Set	KVSDBB 7725 MC
300mm	Anthracite	12 Set	KVSDBB 7727 AN
350mm	White	12 Set	KVSDBB 7720 WH
350mm	Black	12 Set	KVSDBB 7722 EB
350mm	Mocha	12 Set	KVSDBB 7721 MC
350mm	Anthracite	12 Set	KVSDBB 7723 AN
400mm	White	12 Set	KVSDBB 7716 WH
400mm	Black	12 Set	KVSDBB 7718 EB
400mm	Mocha	12 Set	KVSDBB 7717 MC
400mm	Anthracite	12 Set	KVSDBB 7719 AN
450mm	White	12 Set	KVSDBB 7712 WH
450mm	Black	12 Set	KVSDBB 7714 EB
450mm	Mocha	12 Set	KVSDBB 7713 MC
450mm	Anthracite	12 Set	KVSDBB 7715 AN
500mm	White	12 Set	KVSDBB 7708 WH
500mm	Black	12 Set	KVSDBB 7710 EB
500mm	Mocha	12 Set	KVSDBB 7709 MC
500mm	Anthracite	12 Set	KVSDBB 7711 AN
550mm	White	12 Set	KVSDBB 7704 WH
550mm	Black	12 Set	KVSDBB 7706 EB
550mm	Mocha	12 Set	KVSDBB 7705 MC
550mm	Anthracite	12 Set	KVSDBB 7707 AN
600mm	White	12 Set	KVSDBB 7700 WH
600mm	Black	12 Set	KVSDBB 7702 EB
600mm	Mocha	12 Set	KVSDBB 7701 MC
600mm	Anthracite	12 Set	KVSDBB 7703 AN

Flowbox Glass Side Panel			
Drawer Length	Finish	Pack	Part
270mm	White	1 Set	KVSDBB 7628 WH
270mm	Black	1 Set	KVSDBB 7630 EB
270mm	Mocha	1 Set	KVSDBB 7629 MC
270mm	Anthracite	1 Set	KVSDBB 7631 AN
300mm	White	1 Set	KVSDBB 7624 WH
300mm	Black	1 Set	KVSDBB 7626 EB
300mm	Mocha	1 Set	KVSDBB 7625 MC
300mm	Anthracite	1 Set	KVSDBB 7627 AN
350mm	White	1 Set	KVSDBB 7620 WH
350mm	Black	1 Set	KVSDBB 7622 EB

350mm	Mocha	1 0-4	
		1 Set	KVSDBB 7621 MC
350mm	Anthracite	1 Set	KVSDBB 7623 AN
400mm	White	1 Set	KVSDBB 7616 WH
400mm	Black	1 Set	KVSDBB 7618 EB
400mm	Mocha	1 Set	KVSDBB 7617 MC
400mm	Anthracite	1 Set	KVSDBB 7619 AN
450mm	White	1 Set	KVSDBB 7612 WH
450mm	Black	1 Set	KVSDBB 7618 EB
450mm	Mocha	1 Set	KVSDBB 7613 MC
450mm	Anthracite	1 Set	KVSDBB 7615 AN
500mm	White	1 Set	KVSDBB 7608 WH
500mm	Black	1 Set	KVSDBB 7610 EB
500mm	Mocha	1 Set	KVSDBB 7609 MC
500mm	Anthracite	1 Set	KVSDBB 7611 AN
550mm	White	1 Set	KVSDBB 7604 WH
550mm	Black	1 Set	KVSDBB 7606 EB
550mm	Mocha	1 Set	KVSDBB 7605 MC
550mm	Anthracite	1 Set	KVSDBB 7607 AN
600mm	White	1 Set	KVSDBB 7600 WH
600mm	Black	1 Set	KVSDBB 7602 EB
600mm	Mocha	1 Set	KVSDBB 7601 MC
600mm	Anthracite	1 Set	KVSDBB 7603 AN

Flowbox Cutlery Trays Invaria SC		
Size	Pack	Part
450X450	1 Set	KVSDBB 8800
450X600	1 Set	KVSDBB 8801
450X900	1 Set	KVSDBB 8802
450X1200	1 Set	KVSDBB 8803
500X450	1 Set	KVSDBB 8804
500X600	1 Set	KVSDBB 8805
500X900	1 Set	KVSDBB 8806
500X1200	1 Set	KVSDBB 8807

Flowbox Cutlery Trays Invaria SE		
Size	Pack	Part
450X600	1 Set	KVSDBB 8809
450X900	1 Set	KVSDBB 8810
450X1200	1 Set	KVSDBB 8811
500X600	1 Set	KVSDBB 8812
500X900	1 Set	KVSDBB 8813
500X1200	1 Set	KVSDBB 8814

<sup>\*</sup>Non-stock item – minimum order quantities and additional lead time may apply.



## Flowbox Upgrades

#### Configurations

Flowbox In-Box Dividers		
Finish	Pack	Part
White	20 pcs	KVSDBB 7900 WH
Black	20 pcs	KVSDBB 7901 EB
Mocha	20 pcs	KVSDBB 7902 MC
Anthracite	20 pcs	KVSDBB 7903 AN

Flowbox In-Box Front Panel Holders Without Gallery Railing			
Drawer Height	Finish	Pack	Part
106/16	White	12 Set	KVSDBB 7800 WH
106/16	Black	12 Set	KVSDBB 7801 EB
106/16	Mocha	12 Set	KVSDBB 7802 MC
106/16	Anthracite	12 Set	KVSDBB 7803 AN

Flowbox In-Box Front Panel Holders With Side/Front Gallery Railing			
Drawer Height	Finish	Pack	Part
106/16	White	12 Set	KVSDBB 7804 WH
106/16	Black	12 Set	KVSDBB 7805 EB
106/16	Mocha	12 Set	KVSDBB 7806 MC
106/16	Anthracite	12 Set	KVSDBB 7807 AN

Flowbox In-Box Front Panel Holders With Front Gallery Railing			
Drawer Height	Finish	Pack	Part
192/16	White	12 Set	KVSDBB 7808 WH
192/16	Black	12 Set	KVSDBB 7809 EB
192/16	Mocha	12 Set	KVSDBB 7810 MC
192/16	Anthracite	12 Set	KVSDBB 7811 AN

Flowbox In-Box Drawer Dividing Bar Holders			
Finish	Pack	Part	
White	50 pcs	KVSDBB 7904 WH	
Black	50 pcs	KVSDBB 7905 EB	
Mocha	50 pcs	KVSDBB 7906 MC	
Anthracite	50 pcs	KVSDBB 7907 AN	

Flowbox In-Box Front Gallery Railing					
Drawer Width	Finish	Pack	Part		
1111mm	White	12 pcs	KVSDBB 7817 WH		
1111mm	Black	12 pcs	KVSDBB 7818 EB		
1111mm	Mocha	12 pcs	KVSDBB 7819 MC		
1111mm	Anthracite	12 pcs	KVSDBB 7820 AN		

Flowbox In-Box Drawer Dividing Bar					
Drawer Width	Finish	Pack	Part		
1121mm	White	10 pcs	KVSDBB 7908 WH		
1121mm	Black	10 pcs	KVSDBB 7909 EB		
1121mm	Mocha	10 pcs	KVSDBB 7910 MC		
1121mm	Anthracite	10 pcs	KVSDBB 7911 AN		

Flowbox In-Box Front Panel Without Gallery Railing					
Drawer Width	Drawer Height	Finish	Pack	Part	
1044mm	106/16	White	12 pcs	KVSDBB 7812 WH	
1044mm	106/16	Black	12 pcs	KVSDBB 7813 EB	
1044mm	106/16	Mocha	12 pcs	KVSDBB 7814 MC	
1044mm	106/16	Anthracite	12 pcs	KVSDBB 7815 AN	

Flowbox In-Box Front Panel With Gallery Railing					
Drawer Width	Drawer Height	Finish	Pack	Part	
1044mm	106/16 & 192/16	White	12 pcs	KVSDBB 7816 WH	
1044mm	106/16 & 192/16	Black	12 pcs	KVSDBB 7821 EB	
1044mm	106/16 & 192/16	Mocha	12 pcs	KVSDBB 7822 MC	
1044mm	106/16 & 192/16	Anthracite	12 pcs	KVSDBB 7823 AN	

Flowbox Sink Drawers					
Size	Drawer Height	Finish	Pack	Part	
900x500	106/16	White	1 Set	KVSDBB 7535 WH	
900x500	106/16	Black	1 Set	KVSDBB 7537 EB	
900x500	106/16	Mocha	1 Set	KVSDBB 7536 MC	
900x500	106/16	Anthracite	1 Set	KVSDBB 7538 AN	

Flowbox Tools			
Туре	Part		
Tabletop Drawer Assembly Machine	KVSDBB 1000		
Drawer Front Marking Template	KVSDBB 1002		

\*Non-stock item – minimum order quantities and additional lead time may apply.



## **Alphabox**



Alphabox offers style and configuation possibilities with contemporary side wall extensions. It features slim, molded side panels. Available with soft close, push-to-open and push-to-open/soft close drawer closure. Standard drawer height is 116mm/4.57" - greater drawer depth is possible by adding optional side rails\*\*\* or glass panels.\*\*\*

#### **Features**

Slide System: Undermount

Side Panel Thickness: Double-wall, thin Drawer Height (Total): 116mm Drawer Lengths: 270mm–600mm

Open/Close Options: Soft-close, push-open\*, push-open/soft-close\*

Adjustments: 2D: L/R (3mm), Vertical (4mm) Drawer Bottom Thickness: 16mm, 18mm Back Panel Thickness (Wood): 16mm, 18mm Finish Options: White, Gray, Anthracite

Optional Side Rails: Yes Optional Glass Panels: Yes

Package Includes: Left / Right Undermount Drawer Slides, Left / Right Side Panels, 2 Front Panel Connector Hardware, Inner / Outer Decorative Plastic Covers

Alphabox (Standard)					
Drawer Height	Drawer Length	Finish	Pack	Part	
116/16	350mm	Gray	1 Set	KVSDBB 8700 GR	
116/16	400mm	Gray	1 Set	KVSDBB 8701 GR	
116/16	450mm	Gray	1 Set	KVSDBB 8702 GR	
116/16	500mm	Gray	1 Set	KVSDBB 8703 GR	
116/16	550mm	Gray	1 Set	KVSDBB 8704 GR	

Alphabox (Gallery Rail)				
Туре	Drawer Length	Finish	Pack	Part
Rail	350mm	Gray	12 set	KVSDBB 8900 GR
Rail	400mm	Gray	12 set	KVSDBB 8901 GR
Rail	450mm	Gray	12 set	KVSDBB 8902 GR
Rail	500mm	Gray	12 set	KVSDBB 8903 GR
Rail	550mm	Gray	12 set	KVSDBB 8904 GR



<sup>\*\*\*</sup>See Flowbox upgrades.

 $<sup>{}^\</sup>star \text{Non-stock}$  item – minimum order quantities and additional lead time may apply.

## Rollbox



Rollbox is KV powered by Samet's side-mount drawer box system. It has full-extension, ball bearing slides with soft close damping. Rollbox offers choice of two side panel heights in a seek, metallic finish. As with all KV powered by Samet drawbox systems, front panels can be easily removed for cleaning, repair or coating. Drawer fronts can always look fresh and like new without needing to replace the drawer unit.

#### **Features**

Slide System: Ball-Bearing
Side Panel Thickness: Double-wall
Drawer Height (Total): 87mm / 172mm
Drawer Lengths: 350mm–500mm
Open/Close Options: Soft-close

Adjustments: 2D: L/R (3mm), Vertical (4mm) Drawer Bottom Thickness: 16mm, 18mm

Finish Options: Metallic Gray Optional Side Rails: No Optional Glass Panels: No

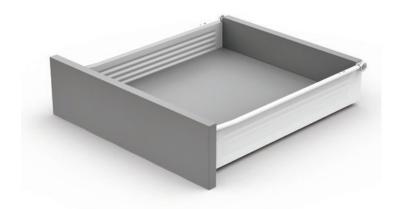
Package Includes: Left Side Rivet Installed 46-450mm Soft-Close Full Extention Drawer Slide RollBox + Grey Side Panel, Right Side Rivet Installed 46-450mm Soft Close Full Extention Drawer Slide RollBox + Grey Side Panel, 2 Internal Decoration Covers, 2 Front Side Connection Furnishings

Rollbox (Standard)					
Drawer Height	Drawer Length	Finish	Pack	Part	
87/16	350mm	Metallic Gray	1 Set	KVSDBB 6000 GR	
87/16	400mm	Metallic Gray	1 Set	KVSDBB 6001 GR	
87/16	450mm	Metallic Gray	1 Set	KVSDBB 6002 GR	
87/16	500mm	Metallic Gray	1 Set	KVSDBB 6003 GR	
87/16	450mm	Metallic Gray	1 Set	KVSDBB 6007 GR	
87/16	500mm	Metallic Gray	1 Set	KVSDBB 6008 GR	
87/16	550mm	Metallic Gray	1 Set	KVSDBB 6004 GR	
87/16	350mm	Metallic Gray	1 Set	KVSDBB 6005 GR	
87/16	400mm	Metallic Gray	1 Set	KVSDBB 6006 GR	
87/16	550mm	Metallic Gray	1 Set	KVSDBB 6009 GR	

Roll	Rollbox (Template)			
Туре		Part		
Drav	ver Front Marking Template	KVSDBB 1002		



## Sam Box



Sam Box is our economy drawer box system. Get the benefits of drawbox systems for your customers where low price is needed. Offers four drawer heights and uses rollerball glides.

#### **Features**

Slide System: Roller Ball

Side Panel Thickness: Single Wall

Drawer Height (Total): 54mm / 86mm / 118mm / 150mm

**Drawer Lengths:** 250mm–550mm **Open/Close Options:** Self-close

Adjustments: 2D: L/R (3mm), Vertical (2mm)

Drawer Bottom Thickness: 16mm Finish Options: White, Gray, Metallic

Optional Side Rails: No Optional Glass Panels: No

Package Includes: Left / Right Roller Slides, Left / Right Side Panels,

2 Outer Decorative Covers, 2 Front Panel Connectors

#### Configurations

Sam Box (Drawer Front Connector)					
Type Drawer length		Pack	Part		
LH/RH Woodscrew	54mm	50 Set	KVSDBB 9105		
LH/RH 10mm Dowel	54mm	50 Set	KVSDBB 9106		
10mm Dowel	86mm/118mm/150mm	200 Pcs	KVSDBB 9108		
Woodscrew	86mm/118mm/150mm	200 Pcs	KVSDBB 9109		
Cover CAP	86mm/118mm/150mm	200 Pcs	KVSDBB 9110 WH		

Sam Box (Accessory)								
Туре	Pack	Part						
Soft-close Mechanism	20 Set	KVSDBB 9107						

# KNAPE&VOGT.

Drawer Height	Drawer Length	Finish	Pack	Part
54mm	400mm	White	10 Set	KVSDBB 9900 WH
54mm	450mm	White	10 Set	KVSDBB 9901 WH
54mm	500mm	White	10 Set	KVSDBB 9902 WH
54mm	550mm	White	10 Set	KVSDBB 9903 WH
86mm	250mm	White	10 Set	KVSDBB 9804 WH
86mm	300mm	White	10 Set	KVSDBB 9805 WH
86mm	350mm	White	10 Set	KVSDBB 9806 WH
86mm	400mm	White	10 Set	KVSDBB 9807 WH
86mm	450mm	White	10 Set	KVSDBB 9808 WH
86mm	500mm	White	10 Set	KVSDBB 9809 WH
86mm	550mm	White	10 Set	KVSDBB 9810 WH
118mm	300mm	White	5 Set	KVSDBB 9711 WH
118mm	350mm	White	5 Set	KVSDBB 9712 WH
118mm	400mm	White	5 Set	KVSDBB 9713 WH
118mm	450mm	White	5 Set	KVSDBB 9714 WH
118mm	500mm	White	5 Set	KVSDBB 9715 WH
118mm	550mm	White	5 Set	KVSDBB 9716 WH
150mm	300mm	White	5 Set	KVSDBB 9617 WH
150mm	350mm	White	5 Set	KVSDBB 9618 WH
150mm	400mm	White	5 Set	KVSDBB 9619 WH
150mm	450mm	White	5 Set	KVSDBB 9620 WH
150mm	500mm	White	5 Set	KVSDBB 9621 WH
150mm	550mm	White	5 Set	KVSDBB 9622 WH

Sam Box (Adapters)										
Туре	Drawer length	Finish	Pack	Part						
Folder Suspender	450mm	White	10 Set	KVSDBB 9100 WH						
Folder Suspender	500mm	White	10 Set	KVSDBB 9101 WH						
Folder Suspender	550mm	White	10 Set	KVSDBB 9102 WH						
Lateral File Bar	1104mm	White	10 Set	KVSDBB 9103 WH						
Single Adaptor	_	White	200 Set	KVSDBB 9104 WH						
Double Adaptor	-	White	200 Set	KVSDBB 9111						

## **Smart Box**



Smartbox is a solid performer providing dynamic load capacity of 88 lb. This full extension, undermount drawer system has adaptive damping to withstand the daily wear and tear of operation while preserving the drawer box and its contents. Optional side rails are available to create a deeper storage unit to manage taller items. Available in two colors (white and gray).

#### **Features**

Slide System: Undermount

Side Panel Thickness: Double-wall, thick Drawer Height (Total): 100mm Drawer Lengths: 270mm-650mm Open/Close Options: Soft-close

Adjustments: 2D: L/R (3mm), Vertical (4mm) Drawer Bottom Thickness: 16mm, 18mm

Finish Options: White, Gray Optional Side Rails: Yes Optional Glass Panels: No

Package Includes: Left / Right Drawer Slides, Left / Right Side Panels, 2 Outer Decorative Covers, 2 Front Panel Holders, Left / Right Back Panel

Holders

Smartbox Accessory									
Туре	Pack	Part							
Smartbox Drawer Front Marking Template	_	KVSDBB 1001							
Drawer Box Systems Drawer Front Stabilizer	250 pcs	KVSDBB 5100							

Drawer Height	Drawer Length	Finish	Pack	Part
16	350mm	Gray	1 Set	KVSDBB 5901 GR
16	350mm	White	1 Set	KVSDBB 5900 WH
16	400mm	Gray	1 Set	KVSDBB 5903 GR
16	400mm	White	1 Set	KVSDBB 5902 WH
16	450mm	Gray	1 Set	KVSDBB 5905 GR
16	450mm	White	1 Set	KVSDBB 5901.I WI
16	500mm	Gray	1 Set	KVSDBB 5907 GR
16	500mm	White	1 Set	KVSDBB 5906 WH
16	550mm	Gray	1 Set	KVSDBB 5909 GR
16	550mm	White	1 Set	KVS0BB 5908 WH
16	600mm	Gray	1 Set	KVSDBB 5911 GR
16	600mm	White	1 Set	KVSDBB 5910 WH
16	650mm	Gray	1 Set	KVSDBB 5913 GR
16	650mm	White	1 Set	KVSDBB 5912 WH

Smartbox Gallery Railing										
Туре	Drawer Length	Finish	Pack	Part						
Rail	450mm	White	20 Set	KVSDBB 5800 WH						
Rail	450mm	Gray	20 Set	KVSDBB 5801 GR						
Rail	500mm	White	20 Set	KVSDBB 5802 WH						
Rail	500mm	Gray	20 Set	KVSDBB 5803 GR						
Rail	550mm	White	20 Set	KVSDBB 5804 WH						
Rail	550mm	Gray	20 Set	KVSDBB 5805 GR						

Smartbox Drawer Back Holder [LH/RH]											
Туре	Drawer Height	Pack	Part								
Single Gallery Railing	16mm	White	4 Set	KVSDBB 5700 WH							
Single Railing	16mm	Gray	4 Set	KVSDBB 5701GR							
Double Gallery Railing	16mm	White	4 Set	KVSDBB 5702 WH							
Double Railing	16mm	Gray	4 Set	KVSDBB 5703 GR							





# Shelving

Adjustable Wall Shelving Quick Reference Guide
255™/256™ Series Mortise-Mount Pilaster Shelving System
233™/237™ Series Surface-Mount Pilaster Shelving System
71™/170™ Regular-Duty Standard and Bracket System90
80™/180™ Regular-Duty Standard and Bracket System91
82 <sup>™</sup> /182 <sup>™</sup> Series Heavy-Duty Standard and Bracket System
83™/183™ Series Heavy-Duty Standard and Bracket System97
85™/185™ Series Extra-Duty Standard and Bracket System
87 <sup>™</sup> /186 <sup>™</sup> /187 <sup>™</sup> Series Super-Duty Standard and Bracket System101
5mm Shelf Supports for Built-In Shelving
1/4" and 7/32" Shelf Supports and Grommets
Utility Shelving Brackets107
Decorative Shelf Brackets108
201 Series SHELF-MADE® Exclusive <sup>™</sup> Premium Decorative Shelf Brackets 109
200 Series Designer Decorative Shelf Brackets
Shelf Board

## Adjustable Wall Shelving Quick Reference Guide

Knape and Vogt pioneered the development of the modern standards and bracket system of adjustable wall shelving, and we're still the leader in selection, quality and innovation. With one of the industry's widest selection of systems and component accessories, chances are we make a shelving system just right for you. To aid your selection process, we've created a comparison chart that lists the vital characteristics of our standards and bracket systems, as well as available finishes and accessories. If you still have questions or need more details, please contact KV Customer Service.

				Feat	tures	s Finish Options							Pack Options			S						
Part	Description	1" Center Adjustment	1-1/4" Center Adjustment	2" Center Adjustment	Single Track	Double Track	Lock Lever	Anochrome (ANO)	Black (BLK)	Brass-look (BR)	Brown (BRN)	Clear (CL)	Stainless Steel (SS)	Galvanized Steel (GALV)	Titanium (TI)	White (WH)	Zinc (ZC)	Economy Zinc (E)	Standard Pack	Builders Pack (BP)	Display Pack (DP)	Hefty Pack (HP)
71/170 Regular-Duty	Narrow Adjustable Standa	rd a	nd B	racke	et Sy	stem	1															
71	Narrow Faced Standard	•			•			•											•			
170	Bracket	•			•			•											•			
80/180 Regular-Duty A	Adjustable Standard and B	rack	et Sy	/sten	n																	
80	Standard	•			•			•	•	•	•				•	•			•	•		
180	Bracket	•			•			•	•	•	•				•	•			•	•		•
181	Lipless Bracket	•			•			•											•			
160LL	Lock Lever Bracket	•			•		•	•											•			
179	Adjustable Angle Bracket	•			•			•											•			
82/182 Heavy-Duty Ad	djustable Standard and Bra	cke	t Sys	tem																		
82	Standard		•			•			•						•	•			•	•		
182	Bracket		•			•			•						•	•			•	•		
182BE	Bookend		•			•										•			•			
82DP Screw	Screws/Anchors																•				•	
182DP LCTR/JNR	Shelf Locater/Joiner											•									•	
182DP LOCK	Bracket Lock Tab		•			•			•												•	
83/183 Oversized Hea	vy-Duty Adjustable Standa	rd a	nd B	rack	et Sy	sten	1															
83	Oversized Standard	•			•			•											•			
183	Flange Bracket	•			•			•											•			
161LL	Lock Lever Bracket	•			•		•	•											•			
85/185 Extra-Duty Adj	ustable Standard and Brad	cket	Syste	em																		
85	Standard	•				•		•								•			•			
185	Bracket	•				•		•								•			•			
106 ANO	Shelf Rest							•											•			
107 ANO	Hang Rod Clamp							•											•			
87/187 Super-Duty Ad	ljustable Standard and Bra	cket	Sys	tem																		
87	Standard			•	•			•					•			•			•			
186LL	Lock Lever Bracket			•	•		•	•					•			•			•			
187LL	Lock Lever Bracket			•	•		•	•					•			•			•			
1987	Steel Shelves												•	•					•			

## 255<sup>™</sup>/256<sup>™</sup> Series Mortise-Mount Pilaster Shelving System

- Holds up to 500 lbs. per shelf\*
- 1/2" vertical slot adjustment

**Pack Configurations** 

- · Wide selection of finishes and sizes
- Limited lifetime warranty

#### 255 Series Steel Standard

Dimensions: 5/8" width x 3/16" deep x selected length

Material: 23 gauge high strength steel

Finish: Almond (ALM), Brass-look (BR), Brown (BRN),

White (WH), Zinc (ZC)

Origin: Made in the USA

Features: Numbered slots for fast, accurate clip insertion; countersunk

nail and screw holes; full finish coverage to deter corrosion and provide a uniform look; precision cut lengths;

BHMA Grade 1 Compliant\*





aoi	don comigarations											
Standard 12"-60", packed 100 standards per carton; 72"-96", packed 50 standards per carton												
Retail (PK) 20 standards per carton with UPC Labels												
255 Steel Standards Standard Pack												
Size	Almond (ALM)	Brass-look (BR)	Brown (BRN)	Ebony (EB)	White (WH)	Zinc (ZC)						
12"	255 ALM 12	255 BR 12	255 BRN 12	255 EB 12	255 WH 12	255 ZC 12						
18"	255 ALM 18	255 BR 18	255 BRN 18	255 EB 18	255 WH 18	255 ZC 18						
24"	255 ALM 24	255 BR 24	255 BRN 24	255 EB 24	255 WH 24	255 ZC 24						
30"	255 ALM 30	_	255 BRN 30	255 EB 30	255 WH 30	255 ZC 30						
36"	255 ALM 36	255 BR 36	255 BRN 36	255 EB 36	255 WH 36	255 ZC 36						
42"	_	_	_		_	255 ZC 42						
48"	255 ALM 48	255 BR 48	255 BRN 48	255 EB 48	255 WH 48	255 ZC 48						
54"	_	_	_	255 EB 54	_	_						
60"	255 ALM 60	255 BR 60	255 BRN 60	255 EB 60	255 WH 60	255 ZC 60						
72"	255 ALM 72	255 BR 72	255 BRN 72	255 EB 72	255 WH 72	255 ZC 72						
84"	255 ALM 84	255 BR 84	255 BRN 84	255 EB 84	255 WH 84	255 ZC 84						
96"	255 ALM 96	255 BR 96	255 BRN 96	255 EB 96	255 WH 96	255 ZC 96						
255 S	teel Standards Re	tail Pack with UPC	Labels (PK)									
24"	_	_	_	-	_	PK255 ZC 24						
36"	_	PK255 BR 36	_	_	PK255 WH 36	PK255 ZC 36						
48"	_	PK255 BR 48	_	_	PK255 WH 48	PK255 ZC 48						
60"	_	PK255 BR 60	_	_	PK255 WH 60	PK255 ZC 60						
72"	_	PK255 BR 72	_	_	PK255 WH 72	PK255 ZC 72						



#### 255 Series Aluminum Standard

Dimensions: 5/8" width x 3/16" deep x selected length

Material: 17 gauge aluminum

Finish: Natural (AL), Brass-look (BR), Walnut (WAL)

Origin: Made in the USA Features: Numbered slots f

Numbered slots for fast, accurate clip insertion; countersunk nail and screw holes; made of rust resistant aluminum; full finish coverage to deter corrosion and provide a uniform look; precision cut lengths; BHMA Grade 3 Compliant\*



Plated finish products only

#### Pack Configuration





Standard	i		12"-60", packed 100 standards per carton; 72"-96", packed 50 standards per carton					
255 Aluı	minum Standards Stan	dard Pack						
Size	Natural (AL)	Brass-look (BR)	Walnut (WAL)					
12"	255AL 12	255AL BR 12	255AL WAL 12					
18"	255AL 18	255AL BR 18	255AL WAL 18					
24"	255AL 24	255AL BR 24	255AL WAL 24					
30"	255AL 30	255AL BR 30	255AL WAL 30					
36"	255AL 36	255AL BR 36	255AL WAL 36					
48"	255AL 48	255AL BR 48	255AL WAL 48					
60"	255AL 60	255AL BR 60	255AL WAL 60					
72"	255AL 72	255AL BR 72	255AL WAL 72					
84"	255AL 84	255AL BR 84	255AL WAL 84					
96"	255AL 96	255AL BR 96	255AL WAL 96					

Non-stock item – minimum order quantities and additional lead time may apply.

<sup>\*</sup>Standards and brackets meet or exceed ANSI performance standards as established by BHMA testing requirements.

## 255<sup>™</sup>/256<sup>™</sup> Series Mortise-Mount Pilaster Shelving System

#### 256 Series Pilaster Shelf Support

Material: High-strength steel, Aluminum (AL)

Finish: Almond (ALM), Brass-look (BR), Walnut (WAL), White (WH),

Zinc (ZC), Natural Aluminum (AL NAT)

Origin: Made in the USA

Features: Patented design; full coverage finish to resist corrosion;

strength increasing dimple

#### **Pack Configurations**





Standard Pack	100 pieces per carton										
Bulk (B)	1000 pieces per carton										
Barrel (BBL)	9000 pieces per barrel										
Poly (P)	12 supports and 28 nails p	er bag; 10 bags per display	y carton								
256 Shelf Supports Almond (ALM) Finish											
Standard	ard Bulk (B) Barrel (BBL) Poly (P)										
256S ALM	_	_	_								
256 Shelf Suppor	ts Brass-look (BR) Finisl	1									
256 BR	256B BR	256BBL BR	256P BR								
256 Shelf Suppor	ts Ebony (EB) Finish										
256 EB	_	256BBL EB	_								
256 Shelf Suppor	ts Walnut (WAL) Finish										
256 WAL	256B WAL	256BBL WAL	_								
256 Shelf Suppor	ts White (WH) Finish										
256S WH	_	_	256S P WH								
256 Shelf Suppor	ts Zinc (ZC) Finish										
256 ZC	256B ZC 256BBL ZC 256P ZC										
256 Shelf Supports Natural Aluminum (AL NAT) Finish											
256 AL NAT – – –											

NOTE: Use 256 WAL with 255 BRN and 255AL WAL



#### Specialty Pilaster Shelf Supports

Part #: 256R ZC: Support with Rubber Cushion

239 ZC\*: Shelf Support

**24276 ZC:** Shelf Support with Mounting Hole **243 ZC:** 3" Shelf Bracket (non-handed) **244 ANO:** Wire Shelf Support

757 ANO: Flange for 1-1/16" OD closet rod

......

Material: High-strength steel, cold rolled steel

Finish: Anochrome (ANO), Zinc (ZC)

Origin: Made in the USA Packed: 100 per carton





#### 229 Series Support Bracket

Finish: Anochrome (ANO)
Packed: 25 per carton
Material: Cold rolled steel
Finish: Anochrome (ANO)
Origin: Made in the USA



229 Bracket				
Size	Anochrome (ANO)			
4"	229 ANO 4			
6"	229 ANO 6			
8"	229 ANO 8			
10"	229 ANO 10			



Non-stock item – minimum order quantities and additional lead time may apply.



\* WoodWork Institute Acknowledged Products

## 233<sup>™</sup>/237 <sup>™</sup> Series Surface-Mount Pilaster Shelving System

- Holds up to 500 lbs. per shelf\*
- 1/2" vertical slot adjustability

- BHMA Grade 1 Compliant\*
- Limited lifetime warranty

#### 233 Surface Mount Steel Pilaster Standard

Dimensions: 13/16" width x 3/16" deep x selected height

Material: 23 gauge high-strength steel

Finish: Zinc (ZC)
Origin: Made in the USA

Features: Numbered slots for quick, accurate clip insertion; countersunk

nail, screw and staple holes; full finish coverage to deter corrosion and provide a uniform look; precision cut lengths

#### **Pack Configurations**

100 per carton			
el Standards Standard Pack			
Zinc (ZC)			
233 ZC 12			
233 ZC 18			
233 ZC 24			
233 ZC 36			
233 ZC 48			
233 ZC 60			
233 ZC 72			
233 ZC 96			



#### Pilaster Shelf Supports

Finish:

Part #: 237 ZC: Shelf support for 233 pilaster

238 ANO: Shelf support with locator tab

**242 ANO:** Wire shelf support Anochrome (ANO), Zinc (ZC)

Featured: Made in the USA
Packed: 100 pieces per carton

Features: Full finish coverage to deter corrosion and provide

optimum asthetics





MADE IN USA









242



#### Nails for 255 and 233 Series Standards

Standard	Approximately 650 nails per bag; 5 bags per carton			
255 and 233 Nails				
Part	Finish	Use with:		
255-81N ALM	Almond (ALM)	255 ALM		
255-81N BR	Brass-look (BR)	255 BR, 233 BR, 255AL BR		
255-81N STB	Bronzed (STB)	255 BRN, 255 AL BRN, 255AL WAL		
255-81N WH	White (WH)	255 WH		
255-81N ZC	Zinc (ZC)	255 ZC, 233 ZC, 255E, 255AL		



Non-stock item – minimum order quantities and additional lead time may apply.

<sup>\*</sup>Standards and brackets meet or exceed ANSI performance standards as established by BHMA testing requirements.

## 71<sup>™</sup>/170<sup>™</sup> Regular-Duty Standard and Bracket System

- Narrow slot design
- 1" vertical slot adjustability

- BHMA Grade 2 Compliant\*
- Limited lifetime warranty

#### 71 Series Narrow Standard

Dimensions: 5/16" wide x 13/32" deep x selected height

Material: 13 gauge steel Anochrome (ANO) Finish: Origin: Made in the USA

Features: Narrow design to fit between prefabricated wall panels for

flush wall mount; countersunk screw holes; center aligned

slots and screw holes; precision cut length

#### 170 ANO Series Bracket

Material: 14 gauge steel Finish: Anochrome (ANO) Origin: Made in the USA

Holds up to 210 lbs. per pair; two locking teeth; Features:

shelf retaining lip; stamped wing stablizer

#### **Pack Configuration**



Standard	10 per carτon
71 Series Standard	
Size	Anochrome (ANO)
12"	71 ANO 12
48"	71 ANO 48
60"	71 ANO 60
72"	71 ANO 72
96"	71 ANO 96



Standard	10 per carton		
170 ANO Series Brackets			
Size	Anochrome (ANO)		
10"	170 ANO 10		
12"	170 ANO 12		
14"	170 ANO 14		





## 80<sup>™</sup>/180<sup>™</sup> Regular-Duty Standard and Bracket System

· Single slot design

1" vertical slot adjustability

• BHMA Grade 2 Compliant\*

Limited lifetime warranty

#### 80 Series Standards

**Pack Configurations** 

Dimensions: 5/8" wide x 13/32" deep x selected length

Material: 16 gauge cold rolled steel

Finish: Anochrome (ANO), Black (BLK), Brass-look (BR),

Brown (BN), Titanium (TI), White (WH)

## WOODWORK INSTITUTE



Standard	t	10 standards per carton, with UPC labels				
Builders Pack (BP)		25 standards per carton, no UPC labels				
80 Serie	es Standards Sta	ndard Pack with	UPC Labels			
Size	Anochrome (ANO)	Black (BLK)			White (WH)	
12"	80 ANO 12	80 BLK 12	80 BR 12	80 TI 12	80 WH 12	
18"	80 ANO 18	-	-	-	-	
24"	80 ANO 24	80 BLK 24	80 BR 24	80 TI 24	80 WH 24	
36"	80 ANO 36	80 BLK 36	80 BR 36	80 TI 36	80 WH 36	
48"	80 ANO 48	80 BLK 48	80 BR 48	80 TI 48	80 WH 48	
60"	80 ANO 60	80 BLK 60	80 BR 60	80 TI 60	80 WH 60	
72"	80 ANO 72	80 BLK 72	80 BR 72	80 TI 72	80 WH 72	
84"	80 ANO 84	-	-	_	_	
96"	80 ANO 96	80 BLK 96	_	_	80 WH 96	

80 Series Standards Builder Pack (BP)			
Size Anochrome (ANO)			
24"	80BP ANO 24		
36"	80BP ANO 36		
48"	80BP ANO 48		
60"	80BP ANO 60		
72"	80BP ANO 72		
84"	80BP ANO 84		
96"	80BP ANO 96		

Origin: Made in the USA

Features: Countersunk screw holes; safety lead-in at top of standards;

embossed "up" and arrow to show correct orientation; center aligned slots and screw holes; full finish coverage to deter corrosion and provide optimum aesthetics; precision

cut lengths





Non-stock item – minimum order quantities and additional lead time may apply.

<sup>\*</sup>Standards and brackets meet or exceed ANSI performance standards as established by BHMA testing requirements.

## 80<sup>™</sup>/180<sup>™</sup> Regular-Duty Standard and Bracket System

#### 180 Series Brackets

Material: 14 and 16 gauge cold rolled steel, spring steel

Finish: Anochrome (ANO), Black (BLK), Brass-look (BR), Brown (BN),

Titanium (TI), White (WH)

Origin: Made in the USA

Features: Holds up to 320 lbs. per pair\*; two complete locking teeth; spring steel clip for stability

WOODWORK INSTITUTE

and friction lock; shelf retaining lip; full finish coverage to deter corrosion and provide

optimum aesthetics

#### **Pack Configurations**

. acr comgare		
Standard	10 brackets per carton with UPC labels attached	
Hefty Pack (HP)	40 brackets per display carton, with UPC labels	
Builders Pack (BP)	100 brackets per carton, no UPC labels	

180 Se	180 Series Brackets Standard Pack with UPC Labels					
Size	Anochrome (ANO)	Black (BLK)	Brass-look (BR)	Titanium (TI)	White (WH)	
4"	180 ANO 4	_	_	_	_	
6"	180 ANO 6	180 BLK 6	_	-	180 WH 6	
8"	180 ANO 8	180 BLK 8	180 BR 8	180 TI 8	180 WH 8	
10"	180 ANO 10	180 BLK 10	180 BR 10	180 TI 10	180 WH 10	
12"	180 ANO 12	180 BLK 12	180 BR 12	180 TI 12	180 WH 12	
14"	180 ANO 14	180 BLK 14	180 BR 14	_	180 WH 14	
16"	180 ANO 16	180 BLK 16	180 BR 16	180 TI 16	180 WH 16	
18"	180 ANO 18	_	_	-	180 WH 18	
20"	180 ANO 20	_	_	_	_	

180 Series Brackets Hefty Pack (HP) with UPC Labels						
6"	_	-	-	180HP TI 6	180HP WH 6	
8"	_	_	-	180HP TI 8	180HP WH 8	
10"	_	180HP BLK 10	-	180HP TI 10	180HP WH 10	
12"	_	180HP BLK 12	-	180HP TI 12	180HP WH 12	
16"	_	180HP BLK 16	_	180HP TI 16	180HP WH 16	

#### 180 Series Brackets Builders Pack (BP)

6"	180BP ANO 6
8"	180BP ANO 8
10"	180BP ANO 10
12"	180BP ANO 12
14"	180BP ANO 14
16"	180BP ANO 16
18"	180BP ANO 18



Locking Teeth and Retention Finger (Side View)

# ANO TOBS BLK TOBS TI TOBS WH TOBS

#### Screws and Anchors

Dimensions: #6 head, #8 body, 1-1/2" length

Finish: Anochrome (ANO), Black (BLK), Brown (BN), Brass-look (BR),

Titanium (TI), White (WH), Zinc (ZC)

Features: For proper installation of 80 series standards; color matched finish for

optimum aesthetics

· · · · · · · · · · · · · · · · · · ·							
Display Pack ([	OP)	20 poly bags pe	20 poly bags per carton; each poly bag contains 6 screws and 6 screw anchors				
Standard Pack		50 screws per p	50 screws per pack, no anchors				
80 Series Scr	ew Packs	Packs					
Pack Type	Anochrome (ANO)	Black (BLK)	Brass-look (BR)	Titanium (TI)	White (WH)	Zinc (ZC)	
Display Pack	80-88DP ANO	80-88DP BLK	80-88DP BR	80-88DP TI	80-88DP WH	_	
Standard Pack	_	80-80 BLK	80-80 BR	_	80-80 WH	80-80 ZC	

<sup>\*</sup>Standards and brackets meet or exceed ANSI performance standards as established by BHMA testing requirements.

## 80<sup>™</sup>/180<sup>™</sup> Series Regular-Duty Standard and Bracket System

#### 160LL™ Series Lock Lever Bracket

Material: 14 gauge cold rolled steel, nylon

Finish: Anochrome (ANO)
Origin: Made in the USA

Features: For use with 1" adjustable standards; two locking teeth;

lever lock for extra secure mounting and stability; shelf retaining lip; full finish coverage to deter corrosion

and provide optimum aesthetics

#### 179™ Series Adjustable Angle Bracket

Material: 14 and 16 gauge cold rolled steel, spring steel

Finish: Anochrome (ANO)
Origin: Made in the USA

Features: For use with 1" adjustment standards; two complete locking

teeth; shelf retaining lip; spring clip for stability and friction locking; adjust to 15°, 30°, 45° and level; full finish coverage

to deter corrosion and provide optimum aesthetics





Standard	10 per carton, no UPC labels	
160 Series Brackets		
Size	Anochrome (ANO)	
6"	160LL ANO 6	
8"	160LL ANO 8	
10"	160LL ANO 10	
12"	160LL ANO 12	
14"	160LL ANO 14	





Standard	10 per carton, no UPC labels
179 Series Bracket	ts
Size	Anochrome (ANO)
10"	179 ANO 10
12"	179 ANO 12
14"	179 ANO 14





#### 181™ Series Lipless Bracket

Material: 14 and 16 gauge cold rolled steel, spring steel

Finish: Anochrome (ANO)
Origin: Made in the USA

Features: For use with 1" adjustment standards; two complete locking

teeth; spring clip provides stability and a friction lock; lipless version of the 180 series bracket to allow for easy concealing of the bracket (fascia), full finish coverage to deter corrosion

and provide optimum aesthetics



Standard	10 per carton, no UPC labels	
181 Series Brackets		
Size	Anochrome (ANO)	
8"	181 ANO 8	
10"	181 ANO 10	
12"	181 ANO 12	
14"	181 ANO 14	
16"	181 ANO 16	



Non-stock item - minimum order quantities and additional lead time may apply.

## 80<sup>™</sup>/180<sup>™</sup> Series Regular-Duty Standard and Bracket System

#### **Accessories**

Packed: 100 per carton

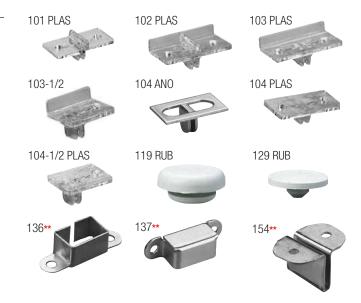
101 PLAS: Clear plastic back rest with divider 102 PLAS: Clear plastic front rest with divider

103 PLAS:Clear plastic front rest103-1/2L PLAS:Clear plastic front rest left103-1/2R PLAS:Clear plastic front rest right104 ANO:Anochrome (ANO) steel back rest

104 PLAS: Clear plastic back rest 104-1/2 PLAS: Clear plastic back rest

119 RUB: Gray rubber cushion use with metal rests
129 RUB: Gray rubber cushion use with plastic rests
136 ANO\*\*: Socket-#80 standard bottom socket
137 ANO\*\* Socket-#80 standard top socket
154 ANO\*\* Shelf-fastener (fastens shelf to bracket)





## 82<sup>™</sup>/182<sup>™</sup> Series Heavy-Duty Standard and Bracket System

- · Double slot design
- 1-1/4" vertical slot adjustability

- BHMA Grade 2 Compliant\*
- · Limited lifetime warranty

#### 82 Series Standard

Standard

Buildore Dack (RD)

Dimensions: 1-1/16" wide x 11/16" deep x selected length

Material: 14 gauge cold rolled steel

Finish: Black (BLK), Titanium (TI), White (WH)

Pack Configurations W WOODWORK



builders Pack (bP)		TO Standards per Carton, no dPC labels		
82 Series Standards Standard Pack				
Size	Black (BLK)	Titanium (TI)	White (WH)	
12"	82 BLK 12	82 TI 12	82 WH 12	
16.5"	82 BLK 16.5	82 TI 16.5	82 WH 16.5	
28"	82 BLK 28	82 TI 28	82 WH 28	
39"	82 BLK 39	82 TI 39	82 WH 39	
48"	82 BLK 48	82 TI 48	82 WH 48	
63"	82 BLK 63	82 TI 63	82 WH 63	
78"	82 BLK 78	82 TI 78	82 WH 78	
94"	82 BLK 94	82 TI 94	82 WH 94	

82 Series Standards Builders Pack (BP)			
16.5"	82BP BLK 16.5	_	82BP WH 16.5
28"	82BP BLK 28	_	82BP WH 28
39"	82BP BLK 39	_	82BP WH 39
48"	82BP BLK 48	_	82BP WH 48
63"	82BP BLK 63	-	82BP WH 63
78"	82BP BLK 78	_	82BP WH 78
94"	82BP BLK 94	_	82BP WH 94

Origin: Made in the USA

Features: European design asethetics; strength and stability enhancing

ribs; countersunk screw holes; embossed "up" and arrow to show correct orientation; center aligned slots and screw holes; precision cut lengths; full finish coverage to deter corrosion and

provide optimum aesthetics



#### Accessories

#### 182BE Bookend\*\*

Finish: White (WH)
Packed: 10 pairs per carton
Origin: Made in the USA

82 Series Bookend Standard Pack	
Size White (WH)	
7" 182BE WH 7	
9"	182BE WH 9
10.5"	182BE WH 10.5

#### 82DP SCREW ZC

Finish: Zinc (ZC)

Packed: 20 bags per carton (6 screws + 6 anchors per bag)

#### 182DP LCTR/JNR Shelf Locator Joiner

Finish: Clear plastic (CL)

Packed: 20 bags per carton (4 joiners + 8 screws per bag)

#### 182DP LOCK Bracket Lock

Finish: Black rubber (BLK)

Packed: 20 bags per carton (6 locks per bag)





182BE\*\*













Non-stock item - minimum order quantities and additional lead time may apply.

<sup>\*</sup>Standards and brackets meet or exceed ANSI performance standards as established by BHMA testing requirements.

## 82<sup>™</sup>/182<sup>™</sup> Series Heavy-Duty Standard and Bracket System

#### 182 Series Bracket

16 gauge cold rolled steel Material:

Finish: Black (BLK), Titanium (TI), White (WH)

Features: Holds up to 450 lbs. per pair of brackets\*; european design

> asethetics; four complete locking teeth; countersunk screw holes to fasten shelves; full finish coverage to deter corrosion

and provide optimum aesthetics

#### **Pack Configurations**



Standard		10 brackets per carton with UPC labels	
Builders Pack (BP)		10 brackets per carton, no UPC labels	
182 Series Brac	kets Standard Pac	k with UPC Labels	
Size	Black (BLK)	Titanium (TI)	White (WH)
5"	_	_	182 WH 5
7"	182 BLK 7	182 TI 7	182 WH 7
9"	182 BLK 9	182 TI 9	182 WH 9
10.5"	182 BLK 10.5	182 TI 10.5	182 WH 10.5
12.5"	182 BLK 12.5	182 TI 12.5	182 WH 12.5
14.5"	182 BLK 14.5	182 TI 14.5	182 WH 14.5
18.5"	182 BLK 18.5	182 TI 18.5	182 WH 18.5
24"	182 BLK 24	182 TI 24	182 WH 24
182 Series Brac	kets Builders Pack	(BP)	
5"	182BP BLK 5	_	182BP WH 5
7"	182BP BLK 7	-	182BP WH 7
9"	182BP BLK 9	182BP TI 9	182BP WH 9
10.5"	182BP BLK 10.5	182BP TI 10.5	182BP WH 10.5
12.5"	182BP BLK 12.5	182BP TI 12.5	182BP WH 12.5
14.5"	182BP BLK 14.5	182BP TI 14.5	182BP WH 14.5
18.5"	182BP BLK 18.5	182BP TI 18.5	182BP WH 18.5
24"	182BP BLK 24	182BP TI 24	182BP WH 24



## 83<sup>™</sup>/183<sup>™</sup> Series Heavy-Duty Standard and Bracket System

- Single slot design
- 1" vertical slot adjustability

- BHMA Grade 2 Compliant\*
- Limited lifetime warranty

#### 83 Series Oversized Standard

Dimensions: 3/4" wide x 1/2" deep x selected length

Material: 16 gauge cold rolled steel Finish: Anochrome (ANO)

Pa

Pack Configur	ration
Standard	10 standards per carton, no UPC labels
83 Series Standards	Standard Pack
Size	Anochrome (ANO)

83 Series Standards Standard Pack		
Size	Anochrome (ANO)	
12"	83 ANO 12	
24"	83 ANO 24	
36"	83 ANO 36	
48"	83 ANO 48	
60"	83 ANO 60	
72"	83 ANO 72	
84"	83 ANO 84	
96"	83 ANO 96	

Origin: Made in the USA

Features: Safety lead-in at top of standard; embossed logo to show

> correct orientation; countersunk screw holes; center aligned slots and screw holes; precision cut lengths; full finish coverage

to deter corrosion and provide optimum aesthetics



#### Accessories

113L ANO\*\* Left-Hand Anochrome (ANO) Panel Clip 113R ANO\*\* Right-Hand Anochrome (ANO) Panel Clip

Finish: Anochrome (ANO) Origin: Made in the USA

Packed: 50 per carton; Left and right clips packed separately Application: Used to attach display and wall panels into vertical position

119 RUB Gray Rubber Cushion - Large Hole Retainer

Packed: 100 per carton

Packed: For use with 183 Series Brackets, use with glass,

metal and wood shelves

134 ANO\*\* Socket-#83 Standard Bottom Socket 134

135 ANO\*\* Socket-#83 Standard Top Socket

Origin: Made in the USA Packed: 100 per carton



#### 159LL ANO\*\* Lock Lever Heavy-Duty Support Bracket

Finish: Anochrome (ANO) Origin: Made in the USA Packed: 100 per carton

Benefit: Provides extra support for shelves with heavy loads; lever lock for extra secure mounting and stability





191 ANO\*\* Hang Rod Saddle 192 ANO\*\* Hang Rod Saddle

Finish: Anochrome (ANO) Made in the USA Origin: Packed: 10 per carton

Features: 191 bolts to 183L & 183R or 185 brackets to hold 1-1/16" O.D.

tubing/closet rods

192 bolts to 183L & 183R or 185 brackets to hold 1-5/16" O.D.

tubing/closet rods



## 83<sup>™</sup>/183<sup>™</sup> Series Heavy-Duty Standard and Bracket System

#### 183 Series Brackets

Part #: 183R: Right Flange Bracket

183L: Left Flange Bracket 183C: Center Flange Bracket

Material: 16 gauge cold rolled steel

Finish: Anochrome (ANO)
Origin: Made in the USA

Features: Holds up to 460 lbs. per pair of brackets\*; bracket flanges

allow for simple attachment to wooden shelves; brackets may also be used with 85 Series Standards for added support on long shelves; full finish coverage to deter corrosion and

provide optimum aesthetic



#### **Pack Configuration**

Standard		10 brackets per ca	10 brackets per carton, no UPC labels	
183 Series Brackets Standard Pack - Anochrome (ANO) Finish				
Size	Right	Left	Center	
8"	183R ANO 8	183L ANO 8	183C ANO 8	
10"	183R ANO 10	183L ANO 10	183C ANO 10	
12"	183R ANO 12	183L ANO 12	183C ANO 12	
14"	183R ANO 14	183L ANO 14	183C ANO 14	
16"	183R ANO 16	183L ANO 16	183C ANO 16	
18"	183R ANO 18	183L ANO 18	183C ANO 18	
20"	183R ANO 20	183L ANO 20	183C ANO 20	



#### 161LL Lock Lever Bracket

Material: 14 gauge cold rolled steel, nylon

Finish: Anochrome (ANO)
Origin: Made in the USA

**Features**: Three locking teeth; lever lock for extra secure mounting

and stability; for use with 1" adjustable shelving; shelf retaining lip; full finish coverage to deter corrosion and provide optimum

aesthetic



Standard	andard 10 brackets per carton, no UPC labels	
161LL Brackets		
Size	Anochrome	
16"	161LL ANO 16	
18"	161LL ANO 18	
20"	161LL ANO 20	
24"	161LL ANO 24	



## 85<sup>™</sup>/185<sup>™</sup> Series Extra-Duty Standard and Bracket System

- · Double slot design
- 1" vertical slot adjustability

- BHMA Grade 2 Compliant\*
- · Limited lifetime warranty

#### 85 Series Standards

Dimensions: 1-1/4" wide x 1/2" deep x selected length

16 gauge cold rolled steel Finish: Anochrome (ANO), White (WH)

Origin: Made in the USA

Features: Safety lead-in at top of standard; embossed logo to show

correct orientation; countersunk screw holes; center aligned

slots and screw holes; precision cut lengths



Standard

Size

12"

24'

36'

48'

60'

72'

84'

96'





85 WH 96





#### **Accessories**

106 ANO\*\* **Shelf Rest** 

Finish: Anochrome (ANO) Packed: 100 per carton Made in the USA Origin:

85 ANO 96

Application: Used to join two shelves at one bracket

and/or fasten shelves to brackets

107 ANO\*\* Hang Rod Clamp Finish: Anochrome (ANO) Packed: 20 per carton, with screw

Origin: Made in the USA

Application: Bolts to 183 and 185 Brackets to hold rods securely

113L ANO\*\* Left-Hand Anochrome (ANO) Panel Clip 113R ANO\*\* Right-Hand Anochrome (ANO) Panel Clip

Finish: Anochrome (ANO)

Packed: 50 per carton; Left and right clips packed separately

Origin: Made in the USA

Application: Used to attach display and wall panels into vertical

position on standards







129 RUB: Gray Rubber Cushion - Small Hole Retainer

Packed: 100 per carton

Application: For use with 185 Series Brackets and 106 Series

Shelf Rests; use with glass, metal and wood shelves

159LL ANO\*\* Lock Lever Heavy-Duty Support Bracket

Finish: Anochrome (ANO) Packed: 100 per carton Origin: Made in the USA

Provides extra support for shelves with heavy loads: Benefit:

lock lever for extra secure mounting and stability

191 ANO\*\* 1-1/16" O.D. Hang Rod Saddle 192 ANO\*\* 1-5/16" O.D. Hang Rod Saddle

Finish: Anochrome (ANO) Packed: 10 per carton, with screw

Origin: Made in the USA

Features: 191 and 192 bolts to 183L, 183R and 185 Series Brackets



<sup>\*</sup>Standards and brackets meet or exceed ANSI performance standards as established by BHMA testing requirements.

## 85<sup>™</sup>/185<sup>™</sup> Series Extra-Duty Standard and Bracket System

#### 185 Series Brackets

Material: 14 and 16 gauge cold rolled steel Finish: Anochrome (ANO), White (WH)

Origin: Made in the USA

**Features**: Holds up to 680 lbs. per pair of brackets\*; shelf retaining

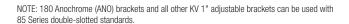
lip on brackets; four locking teeth and two lugs for safety and stability; shelf fastening screw holes; full finish coverage

to deter corrosion and provide optimum aesthetics





Standard	10 brackets per carton, r	10 brackets per carton, no UPC labels	
185 Series Brackets Standard Pack			
Size	Anochrome (ANO)	White (WH)	
8"	185 ANO 8	185 WH 8	
10"	185 ANO 10	185 WH 10	
12"	185 ANO 12	185 WH 12	
14"	185 ANO 14	185 WH 14	
16"	185 ANO 16	185 WH 16	
18"	185 ANO 18	185 WH 18	
20"	185 ANO 20	185 WH 20	
22"	185 ANO 22	185 WH 22	
24"	185 ANO 24	185 WH 24	







## 87<sup>™</sup>/186<sup>™</sup>/187<sup>™</sup> Series Super-Duty Standard and Bracket System

- Single slot design
- · 2" vertical slot adjustability

- · Limited lifetime warranty
- BHMA Grade 2 Compliant\*

#### 87 Series Standard

Dimensions: 7/8" wide x 11/16" deep x selected height

Material: 12 gauge cold rolled steel Finish: Anochrome (ANO), White (WH) Origin: Made in the USA

Features: Countersunk screw holes; embossed logo to show

correct orientation; center aligned slots and screw holes; precision cut lengths; full finish coverage to deter corrosion and

provide optimum aesthetics







Standard	5 per carton, no UPC lab	5 per carton, no UPC labels		
87 Series Standards Standard Pack				
Size	Anochrome (ANO)	White (WH)		
12"	87 ANO 12	87 WH 12		
24"	87 ANO 24	87 WH 24		
36"	87 ANO 36	87 WH 36		
48"	87 ANO 48	87 WH 48		
60"	87 ANO 60	87 WH 60		
72"	87 ANO 72	87 WH 72		
84"	87 ANO 84	87 WH 84		
96"	87 ANO 96	87 WH 96		



#### 1987 Series Galvanized Steel Shelving

Material:Galvanized steelFinish:Galvanized Steel (GALV)Origin:Made in the USA

Features: Predrilled mounting holes to fasten to brackets, back lip

to protect walls



Standard	5 per carton; except 20" x 32": 3 per carton	
1987 Series Shelving Standard Pack		
Size	Galvanized (GALV)	
12" x 32"	1987 GALV 12X32	
14" x 32"	1987 GALV 14X32	
16" x 32"	1987 GALV 16X32	
20" x 32"	1987 GALV 20X32	



Non-stock item – minimum order quantities and additional lead time may apply.

<sup>\*</sup>Standards and brackets meet or exceed ANSI performance standards as established by BHMA testing requirements.

## 87<sup>™</sup>/186<sup>™</sup>/187<sup>™</sup> Series Super-Duty Standard and Bracket System

#### 186LL and 187LL Series Lock Lever Brackets

Material: 12 gauge cold rolled steel Finish: Anochrome (ANO), White (WH)

Origin: Made in the USA

Features: Holds up to 1,060 lbs. per pair of brackets\*; utilizes an

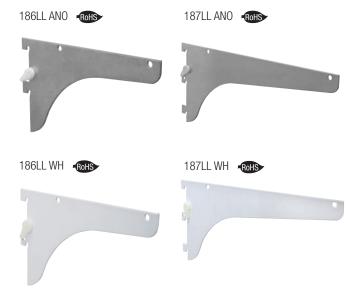
easy-to-install unique cam lock that secures brackets to the standard; two or three complete locking teeth; predrilled holes for mounting 1987 Series shelves or attaching shelf rests; full finish coverage to deter corrosion and provide optimum aesthetics

#### **Pack Configuration**





Standard	10 per carton, no UPC lat	10 per carton, no UPC labels	
186 Series Brackets	Standard Pack		
Size	Anochrome (ANO)	White (WH)	
8"	186LL ANO 8	186LL WH 8	
10"	186LL ANO 10	186LL WH 10	
187 Series Brackets Standard Pack			
12"	187LL ANO 12	187LL WH 12	
14"	187LL ANO 14	187LL WH 14	
16"	187LL ANO 16	187LL WH 16	
18"	187LL ANO 18	187LL WH 18	
20"	187LL ANO 20	187LL WH 20	
22"	187LL ANO 22	187LL WH 22	
24"	187LL ANO 24	187LL WH 24	



NOTE: Steel brackets do not work with 87 Series Stainless Steel Standards. Must be used with Steel Standards.

#### **Accessories**

87-10 WH 100: 87 Series Standard Mounting Screws

Sizes: #10 x 2-3/4" screw Finish: White (WH) Packed: 100 per bag

119 RUB: Gray Rubber Cushion - Large Hole Retainer

Packed: 100 per carton

Application: Recommended for use when supporting glass

shelves, for use with 210, 211 and 212 Series Shelf Rests; use with glass, metal or wood shelves

129 RUB: Gray Rubber Cushion - Small Hole Retainer

Packed: 100 per carton

**Application**: Recommended for use when supporting glass

shelves, for use with 210, 211, 212 and 213C Series Shelf

Rests; use with glass, metal or wood shelves

210 ANO\*\* Anochrome (ANO) End Rest with bracket screw
210 WH\*\* White (WH) End Rest with bracket screw

211 ANO\*\* Anochrome (ANO) Center Rest with bracket screw
211 WH\*\* White (WH) Center Rest with bracket screw
212 ANO\*\* Anochrome (ANO) Front Rest with bracket screw
212 WH\*\* White (WH) Front Rest with bracket screw

213C ZC: Zinc (ZC) Snap-In Center Rest

Finish: Anochrome (ANO), White (WH), Zinc (ZC)

Packed: 100 per carton

Application: For use with 186 and 187 Series Brackets for anchoring

shelves to brackets











# 87<sup>™</sup>/186<sup>™</sup>/187<sup>™</sup> Super-Duty Stainless Steel Standard and Bracket System

- · Single slot design
- 2" vertical slot adjustability

- · Limited lifetime warranty
- BHMA Grade 2 Compliant\*

#### 87 SS Series Standard

Dimensions: 7/8" wide x 11/16" deep

Material: 14 gauge, 304 grade stainless steel

Finish: Stainless Steel (SS)

#### **Pack Configuration**





Standard	5 per carton, no UPC labels		
87 Series Standards Standar	87 Series Standards Standard Pack		
Size	Stainless Steel (SS)		
12"	87 SS 12		
24"	87 SS 24		
36"	87 SS 36		
48"	87 SS 48		
60"	87 SS 60		
72"	87 SS 72		

Origin: Made in the USA

Features: Countersunk screw holes; center aligned slots and screw

holes; precision cut lengths



#### 1987 Series Stainless Steel Shelving

Material: 14 gauge, 304 grade stainless steel
Finish: Stainless Steel (SS) with brushed finish

Origin: Made in the USA

Features: Predrilled mounting holes to fasten to brackets; back lip

to protect walls; shelves are shipped with protective vinyl wrap



•		
Standard	5 per carton; except 20" x 32": 3 per carton	
1987 Series Stainless Steel Shelving Standard Pack		
Size	Stainless Steel (SS)	
12" x 32"	1987 SS 12X32	
14" x 32"	1987 SS 14X32	
16" x 32"	1987 SS 16X32	
20" x 32"	1987 SS 20X32	



Non-stock item – minimum order quantities and additional lead time may apply.

<sup>\*</sup>Standards and brackets meet or exceed ANSI performance standards as established by BHMA testing requirements.

# 87 <sup>™</sup>/186 <sup>™</sup>/187 <sup>™</sup> Super-Duty Stainless Steel Standard and Bracket System

## 186LL and 187LL Series Stainless Steel Lock Lever Brackets

Material: 14 gauge 304 grade stainless steel Finish: Brushed Stainless Steel (SS)

Origin: Made in the USA

Features: Holds up to 560 lbs. per pair of brackets\*; lever lock for

easy installation, stability and safety; predrilled holes for mounting 1987 Series shelves or attaching shelf rests;

two or three complete locking teeth

#### Pack Configuration



Standard	10 per carton, no UPC labels		
186 Series Brackets Standar	186 Series Brackets Standard Pack		
Size	Stainless Steel (SS)		
8"	186LL SS 8		
10"	186LL SS 10		
187 Series Brackets Standar	187 Series Brackets Standard Pack		
12"	187LL SS 12		
14"	187LL SS 14		
16"	187LL SS 16		
18"	187LL SS 18		

NOTE: Stainless Steel brackets do not work with 87 steel standards. Must be used with Stainless Steel Standards





## 5mm Shelf Supports for Built-In Shelving

#### 326 ANO and 326 BR Grommets

Grommet Diameter: For 7/32" (5.556mm) holes

Pin Diameter: Designed for 5mm pin diameters

Finish: Anochrome (ANO), Brass-look (BR)

Packed: 1000 per bag, 4 bags per carton



#### 330 ANO Shelf Supports

Pin Diameter: Designed for 5mm holes Finish: Anochrome (ANO)

Packed: 2000 per bag, 4 bags per carton



#### 332 ANO and 332 BR Shelf Supports

Pin Diameter: Designed for 5mm holes

**Pin Length:** 5/16" (8mm)

Shelf Rest: 5/16" (8mm) wide x 7/16" (11mm) long Finish: Anochrome (ANO), Brass-look (BR) Packed: 1000 per bag, 4 bags per carton



#### 338 Series Plastic Shelf Support Pins

Pin Diameter: Designed for 5mm holes

**Pin Length**: 5/16" (8mm)

Shelf Rest: 7/16" (11mm) wide x 13/32" (10mm) long

Finish: Clear Plastic (CL), White (WH)



#### **Pack Configurations**

Standard	100 pieces per carton	
Poly (P)	12 supports per bag; 10 bags per carton	
338 Series Shelf Support		
Pack Configuration	Clear Plastic (CL)	White (WH)
Standard Pack	338 CL	338 WH
Poly (P) Pack	338P CI	

#### 339 WH Plastic Locking Shelf Support for 3/4" Shelves

Pin Diameter: Designed for 5mm holes

Pin Length: 1/4" Finish: White (WH)

Packed: 100 per bag, 25 bags per carton



## 340 WH Plastic Locking Shelf Supports for 1" Shelves

Pin Diameter: Designed for 5mm holes

Pin Length: 1/4"
Finish: White (WH)

Packed: 100 per bag, 5 bags per carton



#### 345 Series Metal Shelf Pins

Pin Diameter: Designed for 5mm holes

**Pin Length**: 5/16" (8mm)

Shelf Rest: 1/2" (13mm) wide x 11/16" (17mm) long

Finish: Nickel Plated (NP), Brass-Look (BR), Walnut (WAL)



#### WOODWORK

#### **Pack Configurations**

i dok ooningarations	
Standard	100 pieces per carton
Poly (P)	12 supports per bag; 10 bags per carton
Barrel (BBL)	9,000 pieces per barrel

345 Series Shelf Support			
<b>Pack Configuration</b>	Nickel Plated (NP)	Brass-Look (BR)	Walnut (WAL)
Standard Pack	345 NP	345 BR	345 WAL
Poly (P) Pack	345P NP	-	-
Barrel (BBL) Pack	345BBL NP	_	-

#### 348 ALM, 348 BRN and 348 WH Vinyl Coated Shelf Supports

Pin Diameter: Designed for 5mm holes;

use 13/64" diameter drill bit

**Pin Length:** 5/16" (8mm)

Shelf Rest: 1/2" (13mm) wide x 11/16" (17mm) long Finish: Almond (ALM), Brown (BRN), White (WH)

Packed: 1000 pieces per carton



## 1/4" and 7/32" Shelf Supports and Grommets

#### 325 ANO and 325 BR Grommets

Grommet Diameter: For 9/32" (7.143mm) holes

Pin Diameter: Designed for 1/4" pin diameters

Finish: Anochrome (ANO), Brass-look (BR)

Packed: 1000 per bag, 4 bags per carton



#### 331 ANO and 331 BR Shelf Supports

Pin Diameter: Designed for 1/4" holes

Pin Length: 3/8" (9mm)

Shelf Rests:3/8" (9mm) wide x 1/2" (13mm) longFinish:Anochrome (ANO), Brass-look (BR)Packed:1000 per bag, 4 bags per carton



#### 335 Series Plastic Shelf Support Pins

Pin Diameter: Designed for 1/4" holes

Pin Length: 7/16" (11mm)

Shelf Rest: 1/2" (13mm) wide x 17/32" (14mm) long
Finish: Clear Plastic (CL), Plastic (PLAS), White (WH)



#### **Pack Configurations**

Standard Pack	10 pieces per carton		
Poly (P) Pack	12 supports per bag; 10 bags per carton		
335 Series Shelf Support			
Pack Configuration	Clear Plastic (CL)	Plastic (PLAS)	White (WH)
Standard Pack	005.01	00E DI 40	005 14/11
Startuaru r ack	335 CL	335 PLAS	335 WH

#### 346 Series Metal Shelf Pins

Pin Diameter: Designed for 1/4" holes

Pin Length: 3/8" (9mm)

Shelf Rest: 1/2" (13mm) wide x 11/16" (17mm) long

Finish: Anochrome (ANO), Brass-Look (BR), Walnut (WAL)

#### **Pack Configurations**



Standard Pack	100 pieces per carton			
Poly (P) Pack	12 supports per bag; 1	12 supports per bag; 10 bags per carton		
Barrel (BBL) Pack	9,000 pieces per barrel			
346 Series Shelf Support				
Pack Configuration	Anochrome (ANO)	Brass-Look (BR)	Walnut (WAL)	
Standard Pack	346 ANO	346 BR	346 WAL	
Poly (P) Pack	346P ANO	346P BR	346P WAL	

#### 333 ZC Shelf Supports

Pin Diameter: Designed for 7/32" holes;

use 15/64" diameter drill

**Pin Length:** 1/2" (13mm)

Shelf Rest: 9/16" (14mm) wide x 7/16" (11mm) long

Finish: Zinc (ZC)
Packed: 1000 per carton



Non-stock item – minimum order quantities and additional lead time may apply.

## **Utility Shelving Brackets**

#### 206 Series Extra-Duty Folding L-Bracket

Finish: Zinc (ZC), White (WH)

Features: Holds up to 750 lbs. per pair\*; 4 adjustable positions: 90°,

80°, 70°, and 0° (closed position)\*\*; all steel construction with spring-loaded release lever; predrilled screw holes in top of bracket for easy fastening to wood shelves;

BHMA Grade 2 Compliant\*

#### **Pack Configuration**

Standard	10 per display carton with UPC labels attached		
206 Series Folding L-Bracke	kets		
Size	Zinc (ZC)	White (WH)	
12"	206 ZC 12	206 WH 12	
16"	206 ZC 16	206 WH 16	

NOTE: Angle has a tolerance of +1°. May need to shim for level installations.





#### 208 Series Super-Duty Ultimate L-Bracket™

Finish: Black (BLK), Titanium (TI), White (WH)

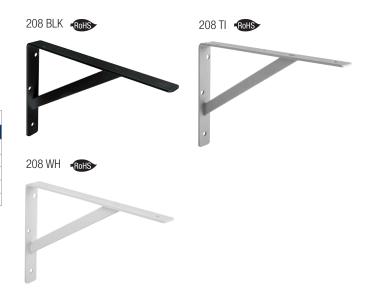
Features: Holds up to 1,200 lbs. per pair\*; super-duty bracket;

corrosion resistant powder coat finish; 5mm steel back strap

and 3/4" steel strut; BHMA Grade 2 Compliant\*

#### **Pack Configuration**

Standard	10 per display carton with UPC labels			
208 Series Bracket				
Size	Black (BLK)	Titanium (TI)	White (WH)	
300mm (12")	208 BLK 300	208 TI 300	208 WH 300	
400mm (16")	208 BLK 400	208 TI 400	208 WH 400	
500mm (20")	208 BLK 500	208 TI 500	208 WH 500	
550mm (22")	208 BLk 550	208 TI 550	208 WH 550	



#### 221 Series Utility L-Bracket

Finish: Gray (GRY), White (WH)

Features: Holds up to 120 lbs. per pair\*; regular-duty bracket;

durable powder coat finish, reversible installation

3				
Standard	20 per carton with UPC	20 per carton with UPC labels		
221 Series Bracket				
Size	Gray (GRY)	White (WH)		
5" x 6"	221 GRY 5X6	221 WH 5X6		
6" x 8"	221 GRY 6X8	221 WH 6X8		
8" x 10"	221 GRY 8X10	221 WH 8X10		
10" x 12"	221 GRY 10X12	221 WH 10X12		
12" x 14"	221 GRY 12X14	221 WH 12X14		



<sup>\*</sup>Standards and brackets meet or exceed ANSI performance standards as established by BHMA testing requirements.

### **Decorative Shelf Brackets**

### 0117 & 0118 Floating Shelf Brackets

Finish: White (WH)

Features: Low profile to hide bracket visuals Application: 0117: use with 5/8" thick shelves

0118: use with 3/4" thick shelves

### **Pack Configuration**

Standard	5 per display carton with UPC labels, individually shrink wrapped		
0117 Floating Shelf B	racket		
Size	White (WT)		
24"	0117-24WT		
36"	0117-36WT		
48"	0117-48WT		
0118 Floating Shelf Bracket			
24"	0118-24WT		



### 215 Series Slim-Line™ Shelf Bracket

Finish: Black (BLK), White (WH)

Features: BHMA Grade 2 Compliant\*; accented with decorative plastic

trim that hides mounting hardware

### **Pack Configuration**

Special Pack	10 per display carton with UPC labels	
215 Series Bracket Special Pack (SP)		
8"	215SP BLK 8	215SP WH 8
10"	215SP BLK 10	215SP WH 10
12"	215SP BLK 12 215SP WH 12	



### 0035 & 0036 Designer Shelf Bracket

Finish: Black (BLK), White (WH)

Features: BHMA Grade 2 Compliant\*; heavy-duty steel; accented with

decorative plastic trim that hides mounting hardware. Metal

brackets with color covers

### **Pack Configurations**

Standard	10 per display carton wit	10 per display carton with UPC labels		
0035 & 0036 De	signer Shelf Bracket	er Shelf Bracket		
Size	Black (BLK)	Black (BLK) White (WT)		
6"	BK-0035-BK	BK-0035-WT		
8"	_	– BK-0036-WT		



### 0099 Series Magnum Shelf Bracket

Finish: Black (BK), White (WT)

Features: BHMA Grade 2 Compliant\*; heavy-duty steel; center rib

for superior strength; countersunk screw holes

Special Pack	10 per carton (all sizes)		
217 Series Bracket S	Special Pack (SP)		
8"	RP-0099-8BK	RP-0099-8WT	
10"	-	RP-0099-10WT	
12"	RP-0099-12BK	RP-0099-12WT	



<sup>\*</sup>Standards and brackets meet or exceed ANSI performance standards as established by BHMA testing requirements.

# 201 Series SHELF-MADE® Exclusive™ Premium Decorative Shelf Brackets

### Richland 201RC Series Decorative Brackets

Finish: Black (BK), Bronze (BRZ)

Features: Holds up to 500 lbs. each/1000 lbs. per pair\*;

BHMA Grade 1 Compliant\*; screw holes for easy mounting; 8" size for 8"-12" deep shelves; 12" size for 12"-16" deep shelves, color match screws included, durable powder coat finish



### **Pack Configuration**

Standard	8 brackets with screws	
201RC Series Richland Decorative Shelf Bracket		
Size	Black (BK) Bronze (BRZ)	
8"	RP-201RC-8BK	RP-201RC-8BRZ
12"	RP-201RC-12BK	RP-201RC-12BRZ

### Manhattan 201MN Series Decorative Brackets

Finish: Black (BK), Bronze (BRZ), Satin Nickel (SN)

Features: Holds up to 500 lbs. each/1000 lbs. per pair\*; BHMA Grade 1

Compliant\*; screw holes for easy mounting;

8" size for 8"-12" deep shelves; 12" size for 12"-16" deep shelves, color match screws included, durable powder coat finish,

reversible installation capable

### **Pack Configuration**

Standard	8 brackets with screws		
201MN Series Manhattan Decorative Shelf Bracket			
Size	Black (BK) Bronze (BRZ) Satin Nickel (SN)		
8"	RP-201MN-8BK	RP-201MN-8BRZ	RP-201MN-8BSN
12"	RP-201MN-12BK	RP-201MN-12BRZ	RP-201MN-12SN



### Heartland 201HR Series Decorative Brackets

Finish: Anthracite (ANT), Black (BK), Bronze (BRZ)

 $\textbf{Features:} \qquad \text{Holds up to 50 lbs. each/100 lbs. per pair*; } \ \text{BHMA Grade 1 Compliant*;}$ 

distinct styles fit any decor; screw holes for easy mounting;

 $6" \times 8"$  size for 6"-12" deep shelves;  $8" \times 10"$  size for 8"-14" deep shelves,

color match screws included, durable powder coat finish,

reversible installation capable

Standard	8 brackets with screws		
201HR Series Heartland Decorative Shelf Bracket			
Size	Black (BK) Bronze (BRZ) Anthracite (ANT)		
6" x 8"	RP-201HR-68BK	RP-201HR-68BRZ	RP-201HR-68BANT
8" x 10"	RP-201HR-810BK	RP-201HR-810BRZ	RP-201HR-810ANT



<sup>\*</sup>Standards and brackets meet or exceed ANSI performance standards as established by BHMA testing requirements.

# 201 Series SHELF-MADE® Exclusive™ Premium Decorative Shelf Brackets

### Silverton 201SL Series Decorative Brackets

Finish: Black (BK)

Features: Holds up to 75 lbs. each/ 150 lbs per pair\*; BHMA Grade 1 Compliant\*;

distinct styles fit any decor; screw holes for easy mounting; 10" size for 9.75" deep shelves; 12" size for 11.75" deep shelves, color match screws included, durable powder coat finish,

shelf retaining lip

### **Pack Configuration**

Standard	8 brackets with screws	
201SL Sei	SL Series Silverton Decorative Shelf Bracket	
Size	Black (BK)	
10"	RP-201SL-10BK	
12"	RP-201SL-12BK	



### **Lewiston 201LW Series Decorative Brackets**

Finish: Black (BK), Satin Gold (SG), Satin Nickel (SN)

Features: Holds up to 100 lbs. each/200lbs per pair\*; BHMA Grade 1 Compliant\*;

distinct styles fit any decor; screw holes for easy mounting;

8" size for 8"-12" deep shelves; 12" size for 12"-16" deep shelves,

color match screws included, durable powder coat finish

### **Pack Configuration**

Standard	8 brackets with screws		
201LW Series Lewiston Decorative Shelf Bracket			
Size	Black (BK)	Satin Gold (SG)	Satin Nickel (SN)
8"	RP-201LW-8BK	RP-201LW-8SG	RP-201LW-8SN
12"	RP-201LW-12BK	RP-201LW-12SG	RP-201LW-12SN



### Pittsburgh 201PT Series Decorative Brackets

Finish: Black (BK), Bronze (BRZ), Satin Nickel (SN)

Features: Holds up to 200 lbs. each/400 lb per pair\*; BHMA Grade 1 Compliant\*;

distinct styles fit any decor; screw holes for easy mounting;

8" size for 0.625" thick x 7.95" deep shelves; 12" size for 0.625" thick by 11.95" deep shelves;

sold in pairs, color match screws included, durable powder coat finish

Standard	10 pairs of brackets with screws		
201PT Series Pittsburgh Decorative Shelf Bracket			
Size	Black (BK)	Bronze (BRZ)	Satin Nickel (SN)
8"	RP-201PT-8BK	RP-201PT-8BRZ	RP-201PT-8SN
12"	RP-201PT-12BK	RP-201PT-12BRZ	RP-201PT-12SN



<sup>\*</sup>Standards and brackets meet or exceed ANSI performance standards as established by BHMA testing requirements.

# 201 Series SHELF-MADE® Exclusive™ Premium Decorative Shelf Brackets

### Birmingham Straight 201BRST Series Decorative Brackets

Finish: Black (BK), Industrial (IN)

Features: Holds up to 50 lbs each / 100 lbs per pair\*;

BHMA Grade 1 Compliant\*; crafted from authentic natural steel;

10" size for 8"-12" deep shelves; 14" size for 12"-16" deep shelves,

screw holes and color match screws included for easy mounting





BK (10" Bracket)

IN (10" Bracket)

### **Pack Configuration**

Standard	12 brackets with screws	
201BRST Series Birmingham Straight Decorative Shelf Bracket		
Size	Black (BK)	Industrial (IN)
10"	RP-201BRST-10BK	RP-201BRST-10IN
14"	RP-201BRST-14BK	RP-201BRST-14IN



BK (14" Bracket)



IN (14" Bracket)

### Birmingham Elbow 201BREL Series Decorative Brackets

Finish: Black (BK), Industrial (IN)

Features: Holds up to 50 lbs each / 100 lbs per pair\*;

BHMA Grade 1 Compliant\*; crafted from authentic natural steel;

4" size for 6"-8" deep shelves; 8" size for 8"-12" deep shelves,

screw holes and color match screws included for easy mounting



BK (4" Bracket)



IN (4" Bracket)

	•		
Standard	4" (12) brackets with screws   8" (8) brackets with screws		
201BREL	201BREL Series Birmingham Elbow Decorative Shelf Bracket		
Size	Black (BK)	Industrial (IN)	
4"	RP-201BREL-4BK	RP-201BREL-4IN	
8"	RP-201BREL-8BK	RP-201BREL-8IN	



BK (8" Bracket)



IN (8" Bracket)

<sup>\*</sup>Standards and brackets meet or exceed ANSI performance standards as established by BHMA testing requirements.

## 200 Series Designer Decorative Shelf Brackets

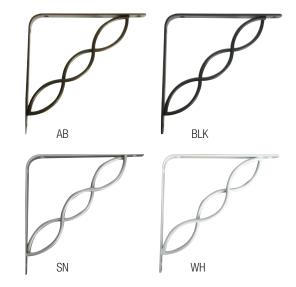
### Concord 200C Series Decorative Brackets

Finish: Antique Bronze (AB), Black (BLK), Satin Nickel (SN), White (WH)
Features: Holds up to 50 lbs. per pair\*; BHMA Grade 1 Compliant\*;

distinct traditional styles fit any decor; screw holes for easy mounting; 6" size for 6"–8" deep shelves; 8" size for 8"–12" shelves; durable powder coat finish

### **Pack Configuration**

Standard	10 carded pieces per carton					
200C Seri	200C Series Concord Decorative Shelf Bracket					
Size	Antique Bronze (AB)	Black (BLK)	Satin Nickel (SN)	White (WH)		
6"	200C AB 6	200C BLK 6	200C SN 6	200C WH 6		
8"	200C AB 8	200C BLK 8	200C SN 8	200C WH 8		



### Manchester 200M Series Decorative Brackets

Finish: Antique Bronze (AB), Black (BLK), Satin Nickel (SN), White (WH)

Features: Holds up to 50 lbs. per pair\*; BHMA Grade 1 Compliant\*;

distinct traditional styles fit any decor; screw holes for easy mounting; 6" size for 6"-8" deep shelves; 8" size for 8"-12" shelves; durable powder coat finish

### **Pack Configuration**

Standard	andard 10 carded pieces per carton				
200M Ser	200M Series Manchester Decorative Shelf Bracket				
Size	Antique Bronze (AB)	Black (BLK)	Satin Nickel (SN)	White (WH)	
6"	200M AB 6	200M BLK 6	200M SN 6	200M WH 6	
8"	200M AB 8	200M BLK 8	200M SN 8	200M WH 8	



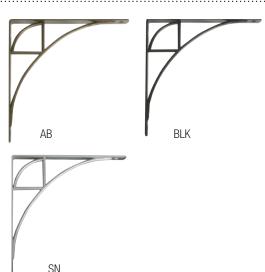
### Oak Park 2000P Series Decorative Brackets

Finish: Antique Bronze (AB), Black (BLK), Satin Nickel (SN)
Features: Holds up to 100 lbs. per pair\*: BHMA Grade 1 Com

Holds up to 100 lbs. per pair\*; BHMA Grade 1 Compliant\*; distinct contemporary styles fit any decor; screw holes for easy mounting; 8" size for 8"–12" shelves; cast zinc insets;

durable powder coat finish

Standard	Standard 10 carded pieces per carton			
2000P Series	2000P Series Oak Park Decorative Shelf Bracket			
Size	Antique Bronze (AB)	Black (BLK)	Satin Nickel (SN)	
8"	2000P AB 8	2000P BLK 8	2000P SN 8	



<sup>\*</sup>Standards and brackets meet or exceed ANSI performance standards as established by BHMA testing requirements.

# 200 Series Designer Decorative Shelf Brackets

### Stockton 200S Series Decorative Brackets

Finish: Black (BLK), Satin Nickel (SN)

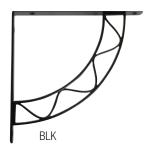
Features: Holds up to 100 lbs. per pair\*; BHMA Grade 1 Compliant\*;

distinct contemporary styles fit any decor; screw holes for easy mounting; 8" size for 8"-12" shelves; cast zinc insets;

durable powder coat finish

### **Pack Configuration**

Standard	d 10 carded pieces per carton		
200S Series	200S Series Stockton Decorative Shelf Bracket		
Size	Black (BLK)	Satin Nickel (SN)	
8"	200S BLK 8	200S SN 8	





### Baton Rouge 200BR Series Decorative Brackets

Finish: Antique Bronze (AB), Black (BLK), Satin Nickel (SN)

Features: Holds up to 200 lbs. per pair\*; BHMA Grade 2 Compliant\*;

distinct elegant styles fit any decor; screw holes for easy mounting; 8" size for 8"-12" shelves; cast zinc insets;

durable powder coat finish

### **Pack Configuration**

Standard	Standard 10 carded pieces per carton				
200BR Serie	200BR Series Baton Rouge Decorative Shelf Bracket				
Size	Antique Bronze (AB)	Satin Nickel (SN)			
8"	200BR AB 8	200BR BLK 8	200BR SN 8		







### Charleston 200CH Series Decorative Brackets

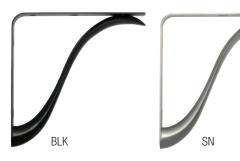
Finish: Black (BLK), Satin Nickel (SN)

Features: Holds up to 200 lbs. per pair\*; BHMA Grade 2 Compliant\*;

distinct elegant styles fit any decor; screw holes for easy mounting; 8" size for 8"-12" shelves; cast zinc insets;

durable powder coat finish

	•		
Standard	10 carded pieces per carton		
200CH Series Charleston Decorative Shelf Bracket			
Size	Black (BLK)	Satin Nickel (SN)	
8"	200CH BLK 8	200CH SN 8	



<sup>\*</sup>Standards and brackets meet or exceed ANSI performance standards as established by BHMA testing requirements.

### Shelf Board

### 1980 Series All-Purpose Shelf Board

Finish: Diamond Ash (DA), Espresso (ESP), Oak (OK),

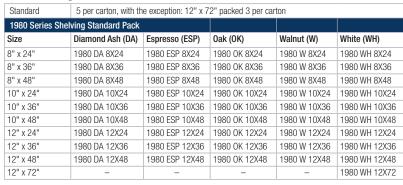
Walnut (W), White (WH)

Origin: Made in China

Features: Holds up to 200 lbs. when properly installed; 5/8" thick with

square corners; scratch and stain resistant for long life; easy

to clean surface







# Specialty Hardware

Magnetic and Bullet Catches
Sliding Door Pulls
Mirror Clips/Glass Clips, Fittings and Latches
Index Followers, Label Holders, Locks and Pulls
Fasteners and Hinges119
Plastic Door Track Assemblies for Sliding Doors
Locks and Door Rollers
Sheaves
Steel Tracks and Guides for Sliding Doors
Roll-Ezy Ball-Bearing Sliding Glass Door System
Roll-Ezy Aluminum Sliding Glass Door System
KV Powered by Samet: Sliding Door
KV Powered by Samet: Fittings

### Magnetic and Bullet Catches Sliding Door Pulls

### **Magnetic Catches**

### 918 ALUM Heavy-Duty Aluminum Magnetic Catch

Size: 2-1/16" width x 1" depth x 3/4" tall

Finish: Aluminum (ALUM) Origin: Made in the USA

Packed: 10 per carton, packed in a clear

> envelope with screws Pull Strength: 7 lbs.



### **Bullet Catches**

### 903 BR DIP Adjustable Brass Catch

Size: 3/8" diameter; 5/8" long;

9/16" x 1-1/16" diameter strike

Finish: Brass-look (BR) Packed: 100 per carton





### 905 BR DIP Adjustable Brass-look Catch

Size: 1/2" diameter; 1-1/32" long;

5/8" x 1-1/4" diameter strike

Finish: Brass-look (BR)

50 per carton with screws Packed:





### **Knobs and Finger Pulls**

813 ANO Oval Flush Finger Pull\* Size: Over-flange 3/16" x 2-7/8"

Bore 51/64" x 2-1/2" x 25/64" deep

Anochrome (ANO) Finish: Origin: Made in the USA Packed: 100 per carton



#### 1088 ANOD Knob Pull

Finish: Zinc plated steel (ANOD) Origin: Made in the USA Packed: Sets of: 2 knobs, screws,

and rubber bumpers per envelope

50 sets per carton

Mounts to 1095 shoe (1092 assembly) Features:

### Finger Pulls

### 801X NP and 803X NP Flush Finger Pull

Size: 801X: 31/32" outside diameter,

> Bore 25/36" hole diameter, 1/4" depth 803X: 31/32" outside diameter, Bore 25/36" hole diameter, 3/8" depth

Nickel Plate (NP)

Finish: Origin: Made in the USA Packed: 100 per carton

### 836 ANO Threaded Finger Pull

Size: 1-1/16" outside diameter, cut a 13/16" diameter hole

for installation

Finish: Anochrome (ANO) Origin: Made in the USA Packed: 50 per carton

Two-piece screw-together pull for glass 3/16 Features:

to 5/16" thick; with beveled edges





# Mirror Clips/Glass Clips, Fittings and Latches

### Mirror Clips/Glass Clips

### 6092 PLAS Plastic Mirror Clips

Size: For 1/4" thick glass/mirror
Finish: Clear Plastic (PLAS)
Packed: 100 per carton with screws



#### 6094 PLAS Plastic Mirror Clip

Size: For 1/8" thick glass/mirror
Finish: Clear Plastic (PLAS)
Packed: 100 per carton with screws



### 266 CHR Cast Mirror Clip

Size: 1-1/16" long x 3/4" wide; for 1/4" thick glass/mirror

Finish: Chrome (CHR)

Packed: 12 per carton with screws



### 268 CHR Heavy-Duty Cast Mirror Clip

Size: 1-1/4" long x 11/16" wide; for 1/4" thick glass/mirror

Finish: Chrome (CHR)

Packed: 12 per carton with screws



### 277 ANO\*\* Bottom-Mount Mirror Clip

Size: 1-1/2" wide x 1" high; for 1/4" thick glass/mirror

Material: Brass

Finish: Anochrome (ANO)
Origin: Made in the USA
Packed: 10 per carton

Features: Screw attached bottom flange for snug mounting; made of

brass for corrosion resistance in high humidity



### 278 ANO\*\* Top-Mount Mirror Clip

Size: 1-1/2" wide x 1-1/8" high; for 1/4" thick glass/mirror

Material: Brass

Finish: Anochrome (ANO)
Origin: Made in the USA
Packed: 10 per carton

Features: Screw attached upper flange for snug mounting; made of

brass for corrosion resistance in high humidity



### 288 ANO\*\* Mirror Clip

Size: 1/2" wide, for 1/4" thick glass/mirror

Material: Brass

Finish: Anochrome (ANO)
Origin: Made in the USA
Packed: 100 per carton

Features: Made of brass for corrosion resistance in high humidity

### 309 ANO\*\* Steel Mirror Clip

Size: 9/16" wide x 1-1/4" long; for 5/16" thick glass/mirror

Material: Brass

Finish: Anochrome (ANO)
Origin: Made in the USA
Packed: 100 per carton

Features: Countersunk for #4 screws; made of brass for corrosion

resistance in high humidity

#### 318 ANO\*\* Steel Mirror Clip

Size: 9/16" wide x 1-1/4" long; for 5/16" thick glass/mirror

Material: Brass

Finish: Anochrome (ANO)
Origin: Made in the USA
Packed: 100 per carton

Features: Countersunk elongated slot for #5 flat head screws;

elongated mounting hole for adjustable installation; made of

brass for corrosion resistance in high humidity

### **Fittings**

#### 306 ANO \*\* Glass Fitting

Size: 9/16" wide x 1-1/4" long

Material: Brass

Finish: Anochrome (ANO)
Packed: 100 per carton
Origin: Made in the USA

Features: Countersunk for #4 screws; made of brass for corrosion

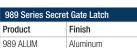
resistance in high humidity

### Latches

#### 989 Series Secret Gate Latch

Size: 2" x 2-3/8"
Finish: Aluminum
Packed: 12 per carton

Features: Interchangeable left or right hand mounting







### Index Followers, Label Holders, Locks and Pulls

### Index Followers & Track





### 475F ZC Card Sized Index Follower

Size: Mounted plate is 2-11/16" from track and 4-3/4" wide

Finish: Anochrome (ANO)
Origin: Made in the USA
Packed: 10 per carton



### 476F ZC Letter Sized Index Follower

Size: Mounted plate is 7-5/8" from track and 10-3/4" wide

Finish: Anochrome (ANO)
Origin: Made in the USA
Packed: 10 per carton



#### 476T ZC 26 Index Follower Track

Size: 26" long; may be recessed in a 2-1/4" x 1/4" slot

Finish: Anochrome (ANO)
Origin: Made in the USA

Packed: 10 per carton with screws

### Label Holders

### 701 ANO Label Holder

Size: 2-5/8" x 1-7/16" for card dimension of 2" x 1"

Finish: Anochrome (ANO)
Packed: 100 per carton



#### 704 ANO Label Holder

Size: 3-1/2" x 1-3/4" for card dimension

of 2-15/16" x 1-1/2"

Finish: Anochrome (ANO)
Packed: 100 per carton



### **Drawer Locks**

### 986 Series Drawer Lock

Size: Mounting flange: 1-1/2" x 2" wide

with screw holes on 1-7/16" centers; barrel OD: 7/8"; bolt travel: 3/8"

Finish: Polished Nickel (NP)
Origin: Made in the USA
Packed: 12 per carton

Features: Available keyed alike; mounts to material

up to 7/8" thick

986 Series Drawer Locks			
Product	Finish	Keyed	
986KA 70 NP	Nickel (NP)	Alike	

### **Drawer Pulls**

### 819X Flush Drawer Pull

Size: 1-3/4" x 3-1/4" x 9/16" deep with beveled edges

Finish: Anochrome (ANO), Dull Brass (BR)

Packed: 12 per carton with screws

819X Flush Drawer Pull		
Product Finish		
819X ANO	Anochrome (ANO)	
819X BR	Dull Brass (BR)	



Non-stock item – minimum order quantities and additional lead time may apply.

### Fasteners and Hinges

### **Surface Fasteners**



320 STL Table Top Fastener, 1" width 323 STL Table Top Fastener, 5/8" width 324 STL Table Top Fastener, 3/4" width

Finish: Steel (STL)
Origin: Made in the USA
Packed: 100 per carton



### 341 ZC and 342 ZC Corner Brace

Size: 341: 1" x 1" installed

342: 2" x 2" installed

Finish: Zinc (ZC)
Origin: Made in the USA
Packed: 100 per carton



### 1547 STL Desk Top Fastener

Finish: Steel (STL)
Origin: Made in the USA
Packed: 100 per carton



### 1548 ZC Desk Top Fastener

Finish: Zinc (ZC)
Origin: Made in the USA
Packed: 500 per carton



### 521 ZC Hanger Plate (1/16" steel)

Size: 13/16" x 2"
Finish: Zinc (ZC)
Origin: Made in the USA
Packed: 100 per carton





# Tite-Joint® Fastener 516 ZC designed for 3/4" wood

Size: Center-to-center 2" to 3-1/2"

Finish: Zinc (ZC)
Origin: Made in the USA

Features: Applies an even, controlled pressure between joint members

to eliminate twisting and buckling

Pack Configu	rations			
Standard	25 per carton			
Builders (BP)	100 per carton			
516 Fastener	s Zinc (ZC)	516 Joint Fas	stener Accessory Parts	
Standard	Builders (BP)	Product	Description	Packed
516/25 ZC	516/100 ZC	516-1	Draw Bolt	1 per carton
		516-60	Locking Sleeve	1 per carton
		516-62	Tightening Rod	1 per carton
		516-63	Drill Guide	1 per carton
516		516-64	Drill	1 per carton
טוט 🧢	183	516-80 100	Tightening Assembly	1 per carton













### **Bolt Style Fastener**

### 510 ZC Joint Fastener

Size: 4" bolt with plate 5/16" x 5/8" x 1-1/2"

Finish: Zinc (ZC)
Packed: 100 per carton

Features: An economical fastener, easy to install



#### 513 ZC Joint Fastener

Size: 4" bolt with flat bar plate

7/16" x 3/16" x 1-1/4"

Finish: Zinc (ZC)
Packed: 100 per carton



### 517 ZC Joint Fastener

Size: 3-1/2" bolt with flat bar plate 7/16" x 3/16" x 1-1/4"

Finish: Zinc (ZC)
Packed: 100 per carton



### Hinges

### 472 ANO Steel Support Hinge

Size: 6" or 10"
Finish: Anochrome (ANO)
Origin: Made in the USA



Pack Configurations				
Standard	12 pair (left and right handed) per carton with screws			
Optional	Left or right hand packaged separately in cartons of 24			
472 Support H	472 Support Hinges Standard Pack 472 Support Hinges Optional Pack			
Standard	Finish	Product	Finish	Handed
472 ANO 6	Anochrome (ANO)	472L ANO 10	Anochrome (ANO)	Left
472 ANO 10	Anochrome (ANO)	472R ANO 10	Anochrome (ANO)	Right

# Plastic Door Track Assemblies for Sliding Doors

### P2413 1/8" Door Assembly Kits

48", 72" lengths Size: Finish: Tan (TAN) Packed: 10 kits per carton

Application: Wood panels and plastic panels

P2413 1/8" Door Assembly Kits					
Product	Finish	Length	Door Size		
P2413 TAN 48	Tan (TAN)	48"	1/8"		
P2413 TAN 72	Tan (TAN)	72"	1/8"		



### P2417 1/4" Door Assembly Kits

Size: 48", 72" lengths Finish: Tan (TAN), White (WH) Packed: 10 kits per carton

Application: Wood panels and plastic panels

P2417 1/4" Door Assembly Kits			
Product	Finish	Length	Door Size
P2417 TAN 48	Tan (TAN)	48"	1/4"
P2417 TAN 72	Tan (TAN)	72"	1/4"
P2417 WH 48	White (WH)	48"	1/4"
P2417 WH 72	White (WH)	72"	1/4"



### P2421 1/2" Door Assembly Kits

Size: 48", 72" lengths Finish: Tan (TAN) 10 kits per carton Packed:

Application: Wood panels and plastic panels

P2421 1/2" Door Assembly Kits			
Product	Finish	Length	Door Size
P2421 TAN 48	Tan (TAN)	48"	1/2"
P2421 TAN 72	Tan (TAN)	72"	1/2"



TAN



### P2419 3/4" Door Assembly Kits

Size: 48", 72" lengths Tan (TAN) Finish: Packed: 10 kits per carton

Application: Wood panels and plastic panels

P2419 3/4" Door Assembly Kits			
Product	Finish	Length	Door Size
P2419 TAN 48	Tan (TAN)	48"	3/4"
P2419 TAN 72	Tan (TAN)	72"	3/4"



Non-stock item - minimum order quantities and additional lead time may apply.

### Locks and Door Rollers

### Sliding Glass Door Locks

962KA 440 CHR Adjustable Ratchet Lock for 3/4" glass 963KA 440 CHR Adjustable Ratchet Lock for 1/4" glass\*

Size: Adjustable 3/4" to 3-3/8"

Finish: Chrome (CHR)
Packed: 12 per carton

Features: 962 fits any door to 3/4" with thumbscrew adjustment

963 fits 1/4" sliding glass doors, keyed alike

### 965 Ratchet Locks

Size: Adjustable from 1" to 3-3/8"
Finish: Polished Nickel (NP)
Packed: 12 per carton

Features: Adjustable lock for 1/4" sliding glass doors

965 Ratchet Locks				
Product Finish Keyed				
965KA 50 NP	Polished Nickel	Alike		

### 984KA 90 NP Plunger Lock

Size: Mounting flange: 7/8" x 2" with screw holes on

1-1/2" centers; Barrel: 7/8" outside diameter;

Plunger travel: 15/32";

Plunger receptacle: 1/2" (outside diameter) x 7/16"

Finish: Polished Nickel (NP)
Packed: 12 per carton
Features: Keyed alike only

### **Door Rollers**

### 420 STL Door Roller

Size: Frame: 7/16" x 1-7/8";

Nylon roller: 9/16" diameter; 5/16" wide

Finish: Steel (STL)
Packed: 100 per carton

### 422 STL Door Roller

Size: Frame: 5/8" x 1-13/16";

Nylon roller: 9/16" diameter; 1/2" wide

Finish: Steel (STL)
Packed: 100 per carton

### 423 STL Door Roller

Size: Frame: 5/8" x 1-13/16";

Steel roller: 5/8" diameter; 1/2" wide

Finish: Steel (STL)
Packed: 100 per carton

### 424 STL Door Roller

Size: Frame: 1" x 2";

Steel roller: 5/8" diameter; 7/8" wide

Finish: Steel (STL)
Packed: 50 per carton





<sup>\*</sup> WoodWork Institute Acknowledged Products

### Sheaves

### 427 STL Steel Sheave

Size: Frame: 2-15/16" x 1/2"; Wheel: 1-3/16" diameter

Finish: Steel (STL) Packed: 50 per carton

Features: Ball-bearing round groove sheave;

for use with KV tracks 455, 467, and 469

### 429 STL Steel Sheave

Size: Frame: 2-1/4" x 3/8"; Wheel: 1" diameter

Finish: Steel (STL) Packed: 100 per carton Features:

for use with KV tracks 455, 467, and 469



### 430 STL Steel Sheave

Size: Frame: 2-3/4" x 1/2":

Wheel: 1-3/8" diameter

Origin: Made in the USA Finish: Steel (STL) Packed: 50 per carton

Ball-bearing round groove sheave; Features:

for use with KV tracks 455, 467, and 469

### 430 N STL Neoprene Treaded Steel Sheave

Frame: 2-3/4" x 1/2"; Wheel: 1-3/8" diameter Size:

Finish: Steel (STL) Packed: 50 per carton

Features: Flat neoprene tire, ball-bearing sheave;

used without track

### 592 STL Convex Nylon Sheave

Frame: 9/32" x 2-1/4"; Wheel: 1-3/16" diameter Size:

Finish: Steel (STL) Packed: 100 per carton

Features: Convex nylon wheel for thin doors;

for use with inverted KV track 455

### 594 NYLON Concave Nylon Sheave

Frame: 2-15/16" x 1/2"; Wheel: 1-3/16" diameter Size:

Finish: Steel (STL) Packed: 50 per carton

Features: For doors to 1-1/8" thick; nylon round groove

wheel; for use with all KV tracks

#### 607 ZC Side Mount Steel Sheave

Size: Frame: 2-5/16" x 1-5/16"; Wheel: 1-3/8" diameter

Finish: Steel (STL) Packed: 50 per carton

Features: Heavy-duty ball-bearing sheave with side fastening

plate; for use with KV tracks 455, 467, and 469

#### 620 STL Steel Sheave

Size: Frame: 7/16" x 1-7/8"; Wheel: 11/16" x 9/32"

Finish: Steel (STL) Packed: 100 per carton

Features: Axle bearing grooved steel roller;

for use with KV tracks 455, 467, and 469

### 400A STL Concealed Steel Sheave

Size: Case: 1-1/4" x 5/16"; Flange: 1-3/4" x 9/16'

Finish: Steel (STL) Packed: 100 per carton

Features: Ball-bearing sheave drive type;

for use with KV tracks 455, 467, and 469

### 402 STL Concealed Steel Sheave

Size: Frame: 1-1/4" x 5/16"; Flange: 2-1/4" x 5/16"

Finish: Steel (STL) Packed: 100 per carton Features: Ball-bearing sheave;

for use with KV tracks 455, 467, and 469

### 580 STL Concealed Steel Sheave

Size: Case: 1-1/4" x 5/16"; Flange: 1-3/4" x 9/16'

Finish: Steel (STL) Packed: 100 per carton

Features: Nylon round groove sheave for light doors;

for use with KV tracks 455, 467, and 469

### 582 STL Concealed Steel Sheave

Size: Case: 1-1/4" x 5/16"; Flange: 2-1/4" x 5/16

Finish: Steel (STL) Packed: 100 per carton

Features: Nylon round groove sheave;

for use with KV tracks 455, 467, and 469





## Steel Tracks and Guides for Sliding Doors



### 455 STL 144 Lower Track

Size: 19/64" height x 21/32" width x 144" length

Finish: Wrought Steel (STL)
Origin: Made in the USA

Packed: 1 each

### 455 SS 144 Lower Track

Size: 19/64" height x 21/32" width x 144" length

Finish: Stainless Steel (SS)
Origin: Made in the USA
Packed: 1 each

### 467 STL 144 Lower Track

Size: 19/64" height x 7/16" width x 144" length

Finish: Steel (STL)
Origin: Made in the USA
Packed: 1 each

### 469 ZC 144 Double Lower Track

Size: 1/4" height x 1" width x 144" length

Finish: Zinc (ZC)
Origin: Made in the USA

Packed: 1 each

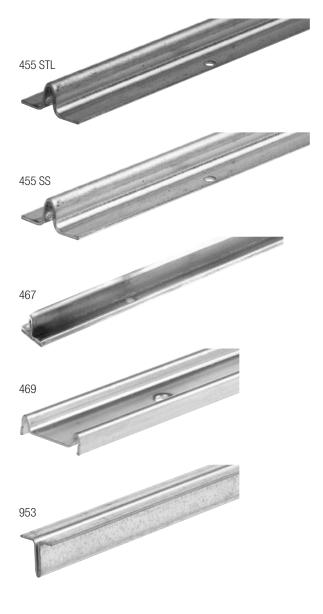
### 953 ZC 144 Top Door Divider

Size: 5/8" height x 5/8" width x 144" length

Finish: Pre-coated Steel (ZC)
Origin: Made in the USA

Packed: 1 each

Features: Upper T-guide separates the sliding doors at the top



# Roll-Ezy Ball-Bearing Sliding Glass Door System



### Complete Assembly

### WOODWORK

### P992 Large Glass Door Track Assembly Kit

Includes: (1) 993 Upper Channel, (2) 995 Shoe, (2) 997 Carrier,

(1) 999 Lower Track

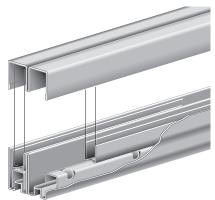
Origin: Made in the USA
Packed: 1 set per carton

Features: For large glass door applications, for 1/4" thick glass installations

Applications: Commonly used for trophy cases and retail displays

Complete Assemblies		
Product	Installation Opening Width	
P992 ZC 36	36"	
P992 ZC 48	48"	
P992 ZC 60	60"	
P992 ZC 72	72"	

Installation Notes & Recommendations: Knape & Vogt does not recommend butt-joints and/or openings longer than 12 feet. We recommend that the height to width ratio for glass doors should not exceed 2:1.



### Components Sold Separately

### 953 ZC 144 Top Door Divider

Size: 5/8" width x 5/8" height x 144" length

Finish: Zinc (ZC)
Origin: Made in the USA

Packed: 1 each

Features: Pre-coated steel upper T-guide for wood framed installations;

for use with 1/4" glass doors only; for large glass door applications

### 993 ZC 144 Upper Channel

Size: 15/16" wide x 5/8" height x 144" length

Finish: Zinc (ZC)
Origin: Made in the USA

Packed: 1 each

Features: Upper channel for top and ends of opening; wide divider

maintains door position; for large glass door applications

### 995 ZC 144 Door Shoe

Size: 21/64" wide x 7/16" height x 144" length

Finish: Zinc (ZC)
Origin: Made in the USA

Packed: 1 each

Features: Lightly curved bottom for free rolling position on ball-bearings;

for 1/4" glass, scant or full; for large glass door applications

### 997 ZC 144 Ball Carrier

Size: 3/8" wide x 17/32 height x 144" length

Finish: Zinc (ZC)
Origin: Made in the USA

Packed: 1 each

Features: Ball-bearing carrier has free rolling balls on 3" centers;

unique design creates two point suspension between shoe

and lower rack; for large glass door applications

### 999 ZC 144 Lower Track

Size: 1" wide x 1" high x 144" length

Finish: Zinc (ZC)
Origin: Made in the USA

Packed: 1 each

Features: Balls ride freely on curved anvil with no contact against

sides of lower track; for large glass door applications













NOTE: For each foot of opening use 1' of upper channel and lower track and shoe (plus 1" per door for overlap), with 1-1/2' of carrier (1-1/2 times door width for each door). Glass is cut 1-1/4" lower than height of opening.

# Roll-Ezy Aluminum Sliding Glass Door System

### Complete Assembly



### P1092 Small to Medium Glass Door Track Assembly Kit

(1) 1093 Upper Channel, (4) 1097 Rollers,

(4) 1085 Vinyl Guides, (2) 1095 Shoe, (1) 1099 Lower Track

Packed: 1 set per carton

For small to medium size glass door installations; Features:

for 1/4" thick glass

**Application**: Used for small to medium bypassing 1/4" thick glass doors;

commonly used in furniture, cabinets, displays and reception

windows

Complete Assemblies		
Product	Length	
P1092 ANOD 36	36"	
P1092 ANOD 48	48"	
P1092 ANOD 60	60"	
P1092 ANOD 72	72"	

Installation Notes & Recommendations: Knape & Vogt does not recommend butt-joints and/or openings longer than 12 feet. We recommend that the height to width ratio for glass doors should not exceed 2:1.



### 1093 144 Upper Channel

1-3/16" width x 9/16" height x 144" length Size:

Finish: Aluminum (AL) Origin: Made in the USA

Packed: 1 each

Features: Double channel for tops, bottoms, and ends; for small to

medium size glass door installations; for 1/4" thick glass

### 1095 144 Door Shoe

Size: 27/64" width x 1" height x 144" length

Finish: Aluminum (AL) Origin: Made in the USA

Packed: 1 each

Rollers to be inserted in the bottom; for small to medium Features:

size glass door installations; for 1/4" thick glass

#### 1096 144 Single Lower Track

31/64" width x 15/32" height x 144" length Size:

Finish: Aluminum (AL) Origin: Made in the USA

Packed: 1 each

Features: For single doors, or may be used with 1093 double channel

for covered installation; for small to medium size glass door

installations; for 1/4" thick glass

NOTE: Cut glass 1-1/2" lower than opening when using 1096/1093 tracks

### 1099 144 Double Lower Track

1-1/16" width x 1/4" height x 144" length Size:

Finish: Aluminum (AL) Origin: Made in the USA

Packed: 1 each

Features: For small to medium size glass door installations;

for 1/4" thick glass

NOTE: Cut glass 1-3/16" lower than opening when using 1099 track













## Roll-Ezy Aluminum Sliding Glass Door System

### 1085 VINYL\*\* Guide

Size: 7/8" length
Finish: Vinyl (VINYL)
Origin: Made in the USA
Packed: 100 per carton



Features: Vinyl guide fits over the top of glass for noiseless operation

in upper channel; for small to medium size glass door

installations; for 1/4" thick glass

### 1087 RUB Rubber Bumper

Finish: Rubber (RUB)
Packed: 100 per carton



Features: Rubber bumper installs in jambs to cushion glass

### 1097 NYLON\*\* Nylon Rollers

Finish: Nylon (NYLON)
Origin: Made in the USA
Packed: 100 per carton



Features: Rubber roller press fits into bottom of 1095 shoe

### 1098 ZC\*\* Steel Ball-bearing Roller

Finish: Zinc (ZC)
Origin: Made in the USA
Packed: 20 per carton



Features: Steel ball-bearing roller press fits into bottom

of 1095 shoe

### 1088 ANOD\*\* Knob Pull

Finish: Zinc plated steel (ANOD)
Origin: Made in the USA
Packed: Sets of: 2 knobs, screws,



and rubber bumpers per envelope

50 sets per carton

Features: Mounts to 1095 shoe (1092 assembly)



### KV Powered by Samet: Sliding Door

### **SMT 75T**

#### Features:

- 8mm Height Adjustability
- 165 lbs carrying capacity
- European styling
- Soft-close mechanism for smooth & quiet operation
- Compact and light for easy installation
- Designed for easy door mounting and dismounting

SMT 75T		
Туре	Pack	Part
Soft-Close Mechanism	48 sets	KVS SDS 100
Single Female Door Track 2.5 Mt L Aluminum	48 pcs	KVS SDS 101
Double Female Door Track 2.5 Mt L Aluminum	12 pcs	KVS SDS 102
Adjustable Wheel Mechanism	24 sets	KVS SDS 103



### KV Powered by Samet: Fittings

### Jetfix/Samfix

#### Features:

- · For corner connectors of wood furniture and cabinets
- Jetfix features combined bolt / dowel system
- Expanding dowel provides easy assembly and disassembly
- Samfix cams complete system for easy installation with standard tools (screwdriver)
- Cost efficient durable and reusable
- Caps for Samfix available for clean aesthetics





Jetfix/Samfix System for Wood Corner Assembly		
Туре	Pack	Part
Jetfix Bolt Expandable Dowel	2000 pcs	KVSFB D 200
Samfix Cam 15mmx12mm ZN	2000 pcs	KVSFB C 301 ZN
Samfix Cam 15mmx13.2mm ZN	2000 pcs	KVSFB C 302 ZN
Samfix Cam Cover Cap White	2000 pcs	KVSFB CC 300 WH





# Closet Hardware

Round Closet Rods
Round Closet Rod Mounting Flanges and Accessories
Oval Closet Rods
Adjustable Closet Rods
Closet Rods and Shelf Brackets
Closet Shelf Brackets138
Utility and Coat Hooks
Valet Rods, Clothing Carriers and Towel Bars
Closet Culture® Modular Closet Storage System
Closet Planning

### Round Closet Rods

### 660 Series Heavy-Duty Round Closet Rods



### 660 Series Heavy-Duty Round Closet Rod

Diameter: Outside 1-1/16"; Inside 29/32"; Wall thickness 0.087"

Finish: Stainless Steel (SS)
Origin: Made in the USA
Packed: 6 per carton

Features: Steel core with solid stainless steel clad wrap



660 Series Heavy-Duty Round Closet Rods		
Length Stainless Steel (SS)		
72"	660 SS 72	
96"	660 SS 96	
120"	660 SS 120	
144"	660 SS 144	

### 750 Series Heavy-Duty Round Closet Rods

### 750 1 Heavy-Duty Round Closet Rod

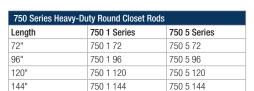
Diameter: Outside: 1-1/16"; Inside: 29/32"; Wall thickness: 0.075"

Finish: Chrome (CHR)
Packed: 6 per carton
Features: Invisible seam



Diameter: Outside 1-5/16"; Inside 1-5/32"; Wall thickness 0.075"

Finish: Chrome (CHR)
Packed: 6 per carton
Features: Invisible seam





### 770 Series Extra-Duty Round Closet Rods



### 770 1 Extra-Duty Round Closet Rod

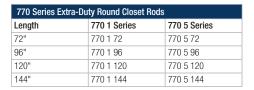
Diameter: Outside: 1-1/16"; Inside: 27/32"; Wall thickness: 0.106"

Finish: Chrome (CHR)
Packed: 6 per carton
Features: Invisible seam



Diameter: Outside: 1-5/16"; Inside: 61/64"; Wall thickness: 0.106"

Finish: Chrome (CHR)
Packed: 6 per carton
Features: Invisible seam





### Round Closet Rod Mounting Flanges and Accessories

### 734 CHR Closed Wall-Mount Flange\*

Chrome (CHR) Finish:

Packed: 50 per carton with screws 2 screw holes on 2" centers Holes: Features: For 660, 750 1 and 770 1

Series Closet Rods



### 735 CHR Open Wall-Mount Flange\*

Chrome (CHR) Finish:

Packed: 50 per carton with screws Holes: 2 screw holes on 2" centers For 660, 750 1 and 770 1 Features:

Series Closet Rods



### 764 CHR Closed Wall-Mount Flange\*

Finish: Chrome (CHR)

Packed: 12 per carton with screws Holes:

3 holes spaced 1-1/8" from center For 750 5 and 770 5 Series Closet Rods Features:



Finish: Chrome (CHR)

Packed: 12 per carton with screws

2 holes on 2-1/4" centers, one at 90° Holes: Features: For 750 5 and 770 5 Series Closet Rods



### 730 ANO End Cap

Finish: Anochrome (ANO) Packed: 50 per carton

Features: For use with 660 Series Closet Rods



### 731 ANO End Cap

Finish: Anochrome (ANO) Packed: 50 per carton

For 750 1 and 770 1 Series Closet Rods Features: NOTE: May need to modify prongs for 750 1 installation



#### 732 ANO End Cap

Finish: Anochrome (ANO) Packed: 50 per carton

Features: For 750 5 and 770 5 Series Closet Rods NOTE: May need to modify prongs for 750 5 installation



### 757 ANO Pilaster Flange\*

Finish: Anochrome (ANO) Origin: Made in the USA Packed: 100 per carton

Features: Fits 255 or 233 series pilaster; for 660,

750 1 and 770 1 Series Closet Rods



### 632 CHR Line Bore Flange

Chrome (CHR) Finish: Packed: 100 per carton

Screw hole for extra mounting strength;

two 5mm pins; for use with 750 1 and

770 1 Series Closet Rods



### 760 ANO 24 Center Closet Rod Support

Finish: Anochrome (ANO) Origin: Made in the USA

Packed: 12 per carton with screws

Features: Center support 24" can be cut to size;

for 660, 750 1 and 770 1 Series Closet Rods





<sup>\*</sup> WoodWork Institute Acknowledged Products

### **Oval Closet Rods**

### 880 Series Extra-Duty Oval Closet Rod

### 880 Series Extra-Duty Oval Closet Rod

Size: 30mm high x 15mm wide; wall thickness 1.2mm

Finish: Chrome (CHR) Packed: 10 per carton lengths

Heavy gauge, invisible welded seam Features:

Length	Chrome (CHR)
96"	880 CHR 96
144"	880 CHR 144



### Mounting Flanges

### 881 CHR Mounting Flange

Finish: Chrome (CHR) 50 per carton Packed:

Holes: Screw hole for extra mounting strength

For use with 880 oval tubing; for line bore installation; Features:

two 5mm pins



Front

# Adjustable Closet Rods

### KV2 Series Adjustable Closet Rods

Finish: White (WH), Zinc (ZC)

Features: Attached end flanges; hardware included;

2-1/2" hook drop depth

Pack Configurations				
Standard Pack	10 per carton up to 6	10 per carton up to 60"-96" size; 5 per carton for 72"-120" and above		
Builders Pack (BP)	20 per carton	20 per carton		
	KV2 Zinc (ZC) KV2 White (WH) KV2BP Zinc (ZC)			
Adjustable Length	Standard Pack	Standard Pack	Builders Pack (BP)	
18"-30"	KV2 ZC 18	KV2 WH 18	KV2BP ZC 18	
30"- 48"	KV2 ZC 30	KV2 WH 30	KV2BP ZC 30	
48"-72"	KV2 ZC 48	KV2 WH 48	_	
60"-96"	KV2 ZC 60	KV2 WH 60	_	
72"-120"	KV2 ZC 72	KV2 WH 72	_	
96"-144"	KV2 ZC 96	_	_	

### 29201 ANO Center Hanger Support

Finish: Anochrome (ANO)
Packed: 12 per carton

Features: Use with installations of 72" or more in width





### RP0020 Series Heavy-Duty Adjustable Closet Rods

Diameter: 1-1/4" outside diameter

Finish: Satin Black (BK), Brushed Nickel (BN), Bronze (BRZ),

Chrome (CH), Warm White (WT)

Packed: 6 per carton

Features: Adjustable heavy-duty closet rods are quick and simple

to install and create a quality finished look; the rod quickly attaches to included flanges for easy installation, no cutting

necessary; hardware included

Heavy-Duty	Heavy-Duty Adjustable Closet Rods				
Adjustsble Length	Satin Black (BK)	Brushed Nickel (BN)	Bronze (BRZ)	Chrome (CH)	Warm White (WT)
30"-48"	RP0020-30/48K	RP0020-30/48BN	RP0020-30/48BRZ	RP0020-30/48CH	RP0020-30/48WT
48"-72"	RP0020-48/72BK	RP0020-48/72BN	RP0020-48/72BRZ	RP0020-48/72CH	RP0020-48/72WT
72"-120"	RP0020-72/120BK	RP0020-72/120BN	RP0020-72120BR7	BP0020-72/120CH	RP0020-72/120WT



**BWT** 

WT

BK

**BBK** 

### Closet Rods and Shelf Brackets

### Closet Rod and Shelf Brackets

### 0042 Series Regular-Duty Adjustable Rod and Shelf Bracket

Finish: Warm White (WT)
Packed: 20 per carton
Hook Depth: 2-1/2"

Features: Holds up to 300 lbs. per pair; KV2

compatible; use with up to 1-3/8" OD closet rods; for 11"-14" deep shelves; install with or without wall cleat; shelf platform is 10" without cleat;

14 gauge steel platform

### Warm White (WT)

RP-0042-BWT

### 0043 Series Regular-Duty Adjustable Rod and Shelf Bracket

Finish: Warm White (WT)
Packed: 20 per carton

Hook Depth: 3"

Features: Holds up to 300 lbs. per pair; use with

up to 1-3/8" OD closet rods; for 11"-14" deep shelves; install with or without wall cleat; shelf platform adjusts from 10-1/4"-10-3/4"; 14 gauge steel construction

#### Warm White (WT) RP-0043-WT

#### 1194 Series Heavy-Duty Adjustable Rod and Shelf Bracket

Finish: Cream White (CREAM),

Bright White (WH)

Packed: 10 per carton

Hook Depth: 3"

**Features**: Holds up to 500 lbs. per pair;

use with up to 1-3/8" OD

closet rods; for 11"–14" deep shelves; install with or without wall cleat; shelf platform adjusts from 10-1/4" – 10-3/4";

low profile design; 13 gauge steel construction

Cream White (CREAM)		Bright White (WH)	
	1194 CRFAM	1194 WH	

### Fixed Closet Rod and Shelf Brackets

#### 0044 Series Regular-Duty Fixed Rod and Shelf Bracket

Finish: Black (BBK), Warm White (WT)

Packed: 20 per carton Hook Depth: 2-1/2"

Features: Holds up to 400 lbs. per pair; KV2 compatible;

use with up to 1-3/8" OD closet rods; for 11"–14" deep shelves; 10-7/8" shelf platform; one-piece design provides superior strength; 16 gauge steel construction

Black (BBK) Warm White (BWT)

### 1195 Series Heavy-Duty Fixed Rod and Shelf Bracket

RP-0044-BWT

Finish: Cream White (CREAM)

Bright White (WH)

Packed: 10 per carton Hook Depth: 2-1/2"

RP-0044-BBK

Features: Holds up to 500 lbs. per pair; KV2 compatible;

use with up to 1-3/8" OD closet rods; for 11"-14" deep shelves; 11" shelf platform; 12 gauge

steel construction

Cream White (CREAM)	Bright White (WH)
1195 CREAM	1195 WH

### 0045 Series Heavy-Duty Fixed Rod and Shelf Bracket

Finish: Black (BK), Chrome (CH), Warm White (WT)

Packed: 20 per carton Hook Depth: 3"

**Features**: Holds up to 500 lbs. per pair; use with

up to 1-3/8" OD closet rods; for 11"-14"

deep shelves; 11" shelf platform; one-piece CH design provides superior strength; 14 gauge

steel construction

 Black (BK)
 Chrome (CH)
 White (WT)

 RP-0045-BK
 RP-0045-CH
 RP-0045-WT

### 0052 Series Heavy-Duty Fixed Rod and Shelf Bracket

Finish: Warm White (WT)
Packed: 20 per carton

Hook Depth: 3"

**Features**: Holds up to 500 lbs. per pair;

use with up to 1-3/8" OD closet rods;

for 10-1/2" - 14" deep shelves; 10-5/16" shelf platform; patented Slide-Thru $^{\text{TM}}$  feature; 14 gauge

steel construction

Warm White (WT)

RP-0052-WT



### Closet Rods and Shelf Brackets

### Fixed Closet Rod and Shelf Brackets

0495 Series Super-Duty Fixed Rod and Shelf Bracket

Finish: Satin Black (BK), Brushed Nickel (BN), Bronze (BRZ),

Chrome (CH), Warm White (WT)

Packed: 10 per carton

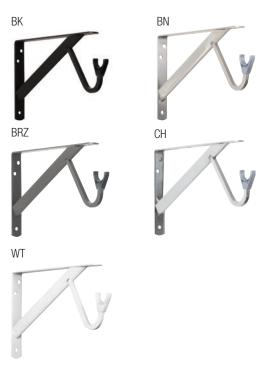
Hook Depth: 3"

Features: Holds up to 1,000 lbs. per pair; for 11" –15" deep shelves;

snap-in pole feature for 1-1/4" − 1-5/16" OD closet rods; 11"-1/4" shelf platform; patented Slide-Thru™ feature;

10 gauge steel construction

Satin Black (BK)	Brushed Nickel (BN)	Bronze (BRZ)	Chrome (CH)	White (WT)
RP-0495-BK	RP-0495-BN	RP-0495-BRZ-10	RP-0495-CH	RP-0495-WT



0496 Series Extra-Duty Fixed Rod and Shelf Bracket

Finish: Warm White (WT)
Packed: 5 per carton
Hook Depth: 3-3/4"

**Features**: Holds up to 500 lbs. per pair; for 14"–18" deep shelves;

snap-in pole feature for 1-1/4"-1-5/16" OD closet rods; 14" shelf platform; patented Slide-Thru™ feature; 13 gauge

steel construction

Warm White (WT)
RP-0496-WT



### **Closet Shelf Brackets**

### 0040 Series Regular-Duty Adjustable Shelf Bracket

Finish: Warm White (WT)
Packed: 20 per carton

Features: Holds up to 150 lbs. per pair; install with or without

wall cleat; 13 gauge steel platform; 16 gauge steel support strut; for 11" to 14" deep shelves; adjusts

from 10-1/4" to 10-3/4"

Size	Warm White (WT)
12"	0040-WTS

### 0046 and 0048 Series Heavy-Duty Fixed Shelf Bracket

 Size:
 12", 16", 20"

 Finish:
 Warm White (WT)

 Packed:
 20 per carton – 12", 16"

6 per carton - 20"

Features: Holds up to 500 lbs. per pair;

14 gauge steel construction

Size	Warm White (WT)
12"	RP-0046-WT
16"	0046-15WT
20"	RP-0048-19WT

### 0494 Series Super-Duty Fixed Shelf Bracket

Finish: Satin Black (BK), Brushed Nickel (BN), Bronze (BZ),

Chrome (CH), Warm White (WT)

Packed: 10 per carton

Features: Holds up to 1,000 lbs. per pair;

for 11" to 15" deep shelves;

11-1/4" shelf platform; 10 gauge steel construction

Satin Black (BK)	Brushed Nickel (BN)	Bronze (BRZ)	Chrome (CH)	Warm White (WT)
RP-0494-BK	RP-0494-BN	RP-0494-BRZ	RP-0494-CH	RP-0494-WT









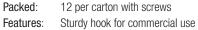


# Utility and Coat Hooks

### **Utility Hooks**

### 1132 ANO Single Prong Utility Hook

Size: 4", 6" and 10"
Finish: Anochrome (ANO)
Origin: Made in the USA







### PKV3 ANO Heavy-Duty Single Prong Utility Hook

Size: 5-1/2" or 10" lengths
Finish: Anochrome (ANO)
Origin: Made in the USA

Packed: 10 units per carton with screws

Features: Sturdy steel rod for extra hanging space

SKU Number	Length
PKV3 ANO 5-1/2	5-1/2"
PKV3 ANO 10	10"



### **Garment Hook**

### 2038 CHR Coat and Hat Hook

Finish: Chrome (CHR)

Packed: 12 units per carton with screws
Features: Classic institutional garment hook;

coat and hat hook



### Valet Rods, Clothing Carriers and Towel Bars



### Hang Rod

### 753 ANO Telescopic Valet Rod

Size: 7/16" diameter rod, extends 5/8"-8-1/4"

Finish: Anochrome (ANO)
Origin: Made in the USA

Packed: 1 per carton with screws; 12 per carton

**Features**: Extends from 5/8"–8-1/4"; for convenient hanging storage;

retract to get it out of the way when not in use



### **Clothing Carrier**

### **KV1 ANO Clothing Carrier**

Size: 10": fits 10" shelf only

12": fits 12"-16" depth shelves 16": fits 16"-20" depth shelves 20": fits 20"-24" depth shelves

Finish: Anochrome (ANO)
Origin: Made in the USA

Packed: 1 per bag with screws, 12 bags per carton

Features: Mounts under closet shelves, greatly increasing capacity,

and makes garments more accessible

SKU Number	Travel
KV1 ANO 10	10"
KV1 ANO 12	12"
KV1 ANO 16	16"
KV1 ANO 20	20"



### Heavy-Duty Slide-Out Towel Bar

### P793 ANO Slide-Out Towel Bar

Size: 18" length x 5" width Finish: Anochrome (ANO) Packed: 10 units per carton

Features: Side mounts to either left or right hand side of the cabinet;

rack mounts with 4 screws; all steel construction; three bars

accommodate at least three towels or cloths



### Hang Rail



Dimensions: 48"L x .38"D x 1.75"H

Steel Material:

Finish: Champagne Nickel (CN)

Satin Gold (SG)

Features: Hang rail required for system installation; heavy-duty steel

> construction provides strength and stability: holds 800 lbs. (200 lbs. per screw) installed on wall studs. Holds 400 lbs. (100 lbs. per screw) installed into drywall with anchors;

quick, easy installation and leveling

Size	Champagne Nickel (CN)	Satin Gold (SG)
48"	0321-48CN	0321-48SG



0321-CVR Series Decorative Hang Rail Cover

Dimensions: 22.4"L x .41"D x 1.5"H

Material: Steel

Finish: Champagne Nickel (CN)

Satin Gold (SG)

Features: Neatly covers hang rail mounting hardware; use 22" cover to

ensure standards are properly spaced along hang rail for fast

installation of components and accessories

Size	Champagne Nickel (CN)	Satin Gold (SG)
48"	0321-CVR-22CN	0321-CVR-22SG

### Heavy-Duty Standard



Dimensions: 48" - 48"L x 1.0"D x 1.0"W

78" - 78"L x 1.0"D x 1.0"W

Material: Steel

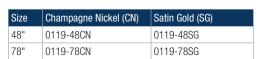
Finish: Champagne Nickel (CN)

Satin Gold (SG)

Dual slot design is adjustable in 1-1/4" Features:

increments; mounts on hang rail; heavy-duty

steel construction





### Standard Extension Kit

#### KT-0119 Series Standard Extension Kit

Dimensions: 32.25"L x 1"D x 1"W

Material: Steel

Finish: Champagne Nickel (CN)

Satin Gold (SG)

Extends 48" standard to 78"; creates more space Features:

for additional shelves and accessories below

existing installation; for use anywhere on the standard

Size	Champagne Nickel (CN)	Satin Gold (SG)
30"	KT-0119-29CN	KT-0119-29SG

### Shelf Bracket

### 0323 Series Heavy-Duty Shelf and Accessory Bracket

Dimensions: 16.4"L x .53"W x 2.9"H

Material: Steel, Plastic

Finish: Champagne Nickel (CN)

Satin Gold (SG)

Features: Mounts on 0119 standards for easy installation of wood

> or wire shelves and all accessories; heavy-duty steel construction; accommodates closet pole hook; bracket cap securely locks shelves and accessories in place

Size	Champagne Nickel (CN)	Satin Gold (SG)
16"	0323-16CN	0323-16SG

#### Hardware Packs

### 0300 Series Standard Installation Hardware Packs

Material:

Finish: Champagne Nickel (CN)

Satin Gold (SG)

(16) #10 x 2-1/2" flat head screws per poly pack; Features:

for use with Closet Culture Hang Rail and Standards

Champagne Nickel (CN)	Satin Gold (SG)
CD-0300-HDWR	CD-0300-HDWR-SG



### Closet Pole Hook

### 0123-H00K Series Closet Pole Hook

Dimensions: 5.1"H x 1.2"W x 3.1"D

Material: Plastic

Finish: Champagne Nickel (CN)

Satin Gold (SG)

Features: Holds up to 75 lbs per pair on 24" centers; Slide-Thru™

feature allows hangers to move along pole without obstruction; unique design accommodates 1", 1-1/4" and 1-5/16" poles; snaps into 0323 shelf bracket for easy installation of closet poles

Champagne Nickel (CN)	Satin Gold (SG)
CD-0123-H00K-CN	CD-0123-H00K-SG

### Closet Pole (End Caps Included)

0312 Series Closet Pole

Dimensions: 23.7"L x 1.4"D x 1.4"H

Material: Steel

Finish: Champagne Nickel (CN)

Satin Gold (SG)

Features: 23" poles are easy to install, snap into place; connect multiple

poles together for longer lengths; 1" diameter steel construction;

connectors and end caps included

Size	Champagne Nickel (CN)	Satin Gold (SG)
23"	0312-23CN	0312-23SG

### Pants Rack Kit

### 0335-PRK Series Pull-Out Pants Rack Kit

Dimensions: 23.5"W x 16.4"D x 2.9"H

Material: Steel

Finish: Champagne Nickel (CN)

Satin Gold (SG)

Features: Keeps up to 8 pairs of pants organized and easy to access;

sturdy steel; construction; angled design keeps pants on the rack; pulls out smoothly on roller slides; includes pants

rack and two brackets

Champagne Nickel (CN)	Satin Gold (SG)
0335-PRK-CN	0335-PRK-SG

### Shoe Rack Kit

### 0335-SRK Series Pull-Out Shoe Rack Kit

Dimensions: 23.5"W x 16.4"D x 4.7"H

Material: Steel

Finish: Champagne Nickel (CN)

Satin Gold (SG)

**Features**: Keeps 4–6 pairs of shoes neatly organized; reversible rack:

shoes can be displayed facing inward or outward; sturdy steel construction; accommodates up to a men's size 12 shoe; add wood fascia for a finished look; Includes shoe rack, two brackets

and fascia mounting screws

Champagne Nickel (CN)	Satin Gold (SG)
0335-SRK-CN	0335-SRK-SG

### **Basket Surround Kit**

### 0335-SRND Series Pull-Out Surround Kit

Dimensions: 23.5"W x 16.4"D x 2.9"H

Material: Steel

Finish: Champagne Nickel (CN)

Satin Gold (SG)

Features: Use with mesh basket (0335A-BSKT, not included); pulls out

smoothly on roller slides for easy access to basket contents; sturdy steel construction; add wood fascia for a finished look; includes basket surround, two brackets and fascia mounting

screws

Champagne Nickel (CN)	Satin Gold (SG)
0335-SRND-CN	0335-SRND-SG

#### Mesh Basket

### 0335A-BSKT Series Mesh Basket

Dimensions: 22.5"W x 16.8"D x 7.3"H

Material: Steel

Finish: Champagne Nickel (CN)

Satin Gold (SG)

Features: Use with basket surround kit (0335-SRND, not included);

easy access handle; embossed bottom for added strength

Size Champagne Nickel (CN)		Satin Gold (SG)	
7"	0335A-BSKT-7CN	0335A-BSKT-7SG	



### Wood Shelf



### 0330 Series Decorative Wood Shelves Dimensions: 22.8"W x .75"H x 15.78"D

Material: Wood

Finish: Espresso (ESP)

Driftwood (MPL)
White Oak (WT)

Features: Wood construction with laminated finish; attaches easily

to 0323 shelf bracket with required shelf clips

(0330-HDWR, not included)

Size	Espresso (ESP)	Driftwood (MPL)	White Oak (WT)
23"	0330-1623ESP	0330-1623MPL	0330-1623WT

### Wood Fascia



0339 Series Decorative Wood Fascia Dimensions: 23.3"W x 2.5"H x .75"D

Material: Wood

Finish: Espresso (ESP)

Driftwood (MPL)
White Oak (WT)

Features: Installs on front of wire shelves and accessories for a finished

look; wood construction with laminated finish

Espresso (ESP)	Driftwood (MPL)	White Oak (WT)
0339-23ESP	0339-23MPL	0339-23WT

### Wire Shelf

### 0331 Series Wire Shelf

Dimensions: 23.1"W x .5"H x 15.8"D

Material: Wire

Finish: Champagne Nickel (CN)

Satin Gold (SG)

Features: Sturdy steel wire; ventilated design facilitates air circulation;

shelf mounts easily into 0323 shelf bracket; add wood fascia

for a finished look, fascia mounting screws included

Size	Champagne Nickel (CN)	Satin Gold (SG)	
23"	0331-1623CN	0331-1623SG	

### **Hardware Packs**

### 0330 Series Wood Shelf Clips Installation Hardware Packs

Material: Steel

Finish: Champagne Nickel (CN)

Satin Gold (SG)

Features: Enough hardware for 6 shelf installations;

(24) clips and (24) screws

Champagne Nickel (CN)	Satin Gold (SG)
CD-0330-HDWR	CD-0330-HDWR-SG



### **Modular Closet Kits**

### 0300-KITA Series Modular Closet Kits (Shelving not included)

Dimensions: 4' unit - 5.50"W x 49.13"H x 3.68"D

6' unit - 5.38"W x 49.13"H x 5.81"D 8' unit - 5.38"W x 49.13"H x 5.81"D

Material: Steel, Plastic

Finish: Champagne Nickel (CN), Satin Gold (SG)

Features: Includes hardware components to install a complete closet

system: hang rail(s), standards, hang rail covers, shelf brackets, closet poles, closet pole hooks and installation hardware; wood and wire shelves, accessories and fascia sold separately;

adjustable for multiple configurations

Size	Champagne Nickel (CN)	Satin Gold (SG)
4'	0300-KITA-4CN	0300-KITA-4SG
6'	0300-KITA-6CN	0300-KITA-6SG
8'	0300-KITA-8CN	0300-KITA-8SG









### Closet Planning

All closets are essentially custom projects, because individual storage needs differ. However, there are some elements that all closets have in common.

There are two basic types of closets: walk-in and reach-in. Walk-in closets typically are found in the master bedroom suite. They vary in size and shape depending on the home layout. Typical shapes of walk-ins include square, rectangle, square notch and L-shaped. Reach-in closets are typically found in children/guest bedrooms, or along hallways, and are rectangle-shaped.

### Walk-In Closet

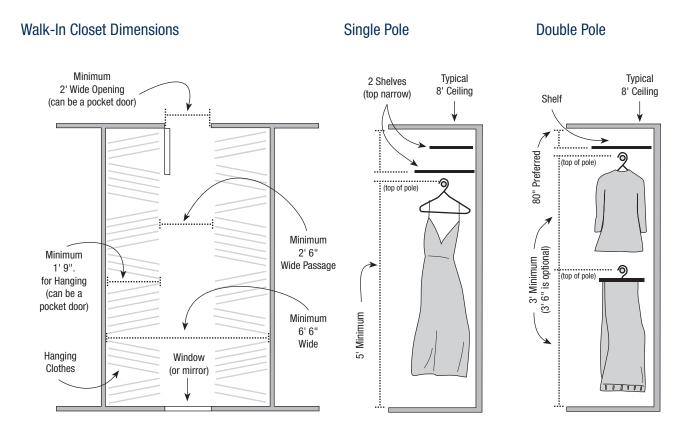
There are no standard dimensions for the walk-in closet, but there are general guidelines that are essential in planning a closet in this format. You will need a minimum of 2 feet of space for the closet door. Pocket doors are recommended to give the most unrestricted access to clothing. When planning overall dimensions, the minimal path through the closet should be approximately 30 inches. The overall width should be a minimum 6 feet, 6 inches to allow for hanging space on both walls.

It is helpful to think of the walk-in as a combination of reach-in closets. Measure each wall separately. Plan storage one wall at a time using corner shelving or hang rods to make the most of the space. If the closet is shared, plan one wall for each person with the back wall shared or used by the person who needs more space.

### Reach-In Closet

Reach-in closets are typically long rectangles measuring 48 inches long and larger. A typical reach-in closet is approximately 6 feet long, 8 feet high, 24 inches deep with an 80 inch high door opening. Reach-in closets are very practical for a single occupant. They allow for easy viewing and access of all contents. Accessories and baskets work well in them.

For a reach-in closet with bi-fold doors, it's best to place a basket section in the center of the closet for maximum accessibility. For a closet with sliding doors, put the baskets on either end of the closet.



### Closet Planning

### **Space Planning**

Take inventory of what you will store in the closet area. The amount and types of clothing are essential information for proper planning. Below are general dimensions required by different types of clothing. Keep in mind that storage needs can change and flexibility is essential in designing a closet.

### Women's Men's

Dress 68" long	Suit Coats12" wide, 38" long
Robe52" long	Shirts (six on hangers) 12" wide, 38" long
Jacket36" long	Shirt (folded)8" wide, 14" long
Blouse (on hanger)34" long	Pants (straight on hanger) 44" long
Blouse (folded)10" wide, 13" long	Pants (folded on hanger) 27" long
Skirt36" long	Dress Hat 6" x 11"
Shoes6" wide, 9-1/2" long	Shoes 9" wide, 12" long
Sweater (folded)10" wide, 14" long	Boots 9" wide, 12" long

### Hanging Items

Short hanging items, such as skirts, blouses and folded pants, require rods attached 30 to 40 inches from the floor. A typical closet can include two levels of hanging rods. As a rule, place the top rod 80 to 82 inches up from the floor, the bottom rod about 40 inches up.

For a single rod application, plan 60 inches from the floor for placement. You will need at least 1 foot, 9 inches (24 inches is standard) away from the back wall for hanging. When spanning an opening of more than 48 inches, consider adding a center support to the closet rod for added stability. The same general rules apply to kids' closets. For young children who don't have a lot of hanging items, plan on one rod at 36 to 40 inches off the floor. This allows youngsters to reach their clothes.

### **Helpful Hints**

- Maximize space. Few people own many items that require a 64 inch high rod. Dedicate a smaller space between 1 foot and 2 feet for these items. All other clothing can be hung in a double-rod application, thereby allowing more in a smaller space.
- Design for visibility. Plan the closet so socks, ties and underwear can be viewed when dressing.
- Beware of cedar. Cedar closets do keep moths away, but the cedar scent can permeate adjacent spaces. Plan for a cedar closet in the basement or with an extra door.
- Think about lighting. You need to be able to see clothes to make decisions when getting dressed. Overhead natural light is preferred but if it is not available, good fluorescent lighting is often the only code-compliant solution.
- Use the vertical dimension. Take advantage of all available space, up to the ceiling and down to the floor. Bins on high shelves, roll-out boxes that sit on the floor, even a third pull-down closet rod if your ceiling is over 9 feet, are ideal for storing items that aren't frequently used.



# Waste & Recycling

		_	
Waste & Recycling Solutions			145
Heavy-Duty, Soft-Close, Wood Undermount \	Waste & Recyclin	ng Bins	146
Heavy-Duty, Soft-Close, Undermount Waste 8	& Recycling Bins	;	147
Soft-Close, Top-MountWaste & Recycling Bi	ns		148
Soft-Close, Bottom-MountWaste & Recycling	g Bins		149
Standard, Top-MountWaste & Recycling Bins	S		150
Standard, Bottom-MountWaste & Recycling	Bins		151
Two-Way Pull-OutWaste & Recycling Bins			152
Door Mount Bracket Kits			153
Corner Recycling Centers			154
Door-Mounted Waste Bin			154
Replacement Bins & Lids			155
Cabinet Dimensions			156

#### Waste & Recycling Solutions

A complete offering with a total of seven product series, including four different levels of Soft-Close options. Each product has been designed to maximize usable cabinet interior and opening space, where two bins can often be used instead of only one. Multiple finish and size options fit all common cabinet opening sizes, making this one of the most extensive Waste & Recycling programs available today.

#### Soft-Close Technology

Soft-Close slides now come standard on four KV Waste & Recycling series products, making the world a quieter place by eliminating slamming and providing full closure every time.

#### Concealed Slide Hardware

Product designs conceal slide hardware on all KV Soft-Close Waste & Recycling products, creating a smooth, neutral look that is also easy to clean.

#### Bins & Lids

Bin styling is a welcome update to the industry-standard "boxy" look, plus it integrates effortlessly with hardware system for a secure fit. Optional lids conceal bin contents and hold plastic bags securely in place, now available for any 20 qt. or 35 qt. product.

#### A Better Fit All Around

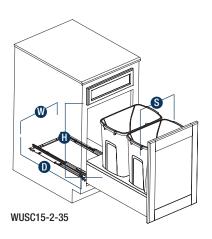
Features make installation faster and easier while also allowing individual products to be applied to a wider range of applications, door sizes and openings, creating a better fit all around.

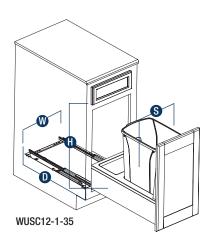


# Heavy-Duty, Soft-Close, Wood Undermount Waste & Recycling Bins

- Heavy-duty, undermount slide with Soft-Close technology and concealed hardware;
   100 lb. dynamic / 125 lb. static
- Wood drawer box captures bin and provides a clean neutral look
- Single bin units include a storage space for trash bags or cleaning products
- Installs in minutes using self-aligning brackets secured with only six screws
- Unique, easy to clean, solid floor that prevents debris from falling through to the floor or inside cabinet
- Optional lids for 29 qt. waste bins available







	Sliding Assembly	A	ssembled Product Dime	nsions Capacity			Number	Units per	Weight per
Stock #	Width S	Width W	Height* 🕕	Depth <b>D</b>	Finish	per Bin	of Bins	Carton	Carton
SINGLE BIN UNITS									
WUSC12-1-35WH	11-1/4" [286 mm]	11-1/4" [286 mm]	19-1/4" [489 mm]	22-3/8" [568 mm]	White	29 qt.	1	1	19.7 lbs. [8.9 kg.]
WUSC12-1-35PT	11-1/4" [286 mm]	11-1/4" [286 mm]	19-1/4" [489 mm]	22-3/8" [568 mm]	Platinum	29 qt.	1	1	19.7 lbs. [8.9 kg.]
WUSC12-1-50WH	11-1/4" [286 mm]	11-1/4" [286 mm]	23-5/16" [592 mm]	22-3/8" [568 mm]	White	50 qt.	1	1	19.7 lbs. [8.9 kg.]
WUSC12-1-50PT	11-1/4" [286 mm]	11-1/4" [286 mm]	23-5/16" [592 mm]	22-3/8" [568 mm]	Platinum	50 qt.	1	1	19.7 lbs. [8.9 kg.]
DOUBLE BIN UNITS									
WUSC12-2-27WH	11-1/4" [286 mm]	11-5/8" [286 mm]	19-5/8" [498 mm]	22-3/8" [568 mm]	White	27 qt.	2	1	20.9 lbs. [9.5 kg.]
WUSC12-2-27PT	11-1/4" [286 mm]	11-5/8" [286 mm]	19-5/8" [498 mm]	22-3/8" [568 mm]	Platinum	27 qt.	2	1	20.9 lbs. [9.5 kg.]
WUSC15-2-35WH	14-1/4" [362 mm]	14-5/8" [300 mm]	19-1/4" [489 mm]	22-3/8" [568 mm]	White	29 qt.	2	1	23.5 lbs. [10.7 kg.]
WUSC15-2-35PT	14-1/4" [362 mm]	14-5/8" [300 mm]	19-1/4" [489 mm]	22-3/8" [568 mm]	Platinum	29 qt.	2	1	23.5 lbs. [10.7 kg.]
WUSC18-2-50WH	16-7/8" [429 mm]	16-7/8" [429 mm]	23-1/32" [592 mm]	22-7/16" [570 mm]	White	50 qt.	2	1	24 lbs. [10.9 kg.]
WUSC18-2-50PT	16-7/8" [429 mm]	16-7/8" [429 mm]	23-1/32" [592 mm]	22-7/16" [570 mm]	Platinum	50 qt.	2	1	24 lbs. [10.9 kg.]

<sup>\*</sup> If using lid, add 3/4". 30 lbs. maximum per bin, not to exceed 80 lbs. total weight. Not intended for bulk storage.





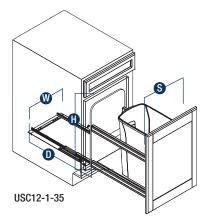
# Heavy-Duty, Soft-Close, Undermount Waste & Recycling Bins

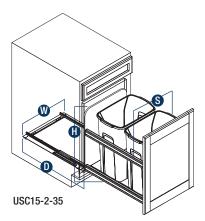
- Heavy-duty, undermount slide with Soft-Close technology; 100 lb. dynamic / 125 lb. static
- Installs in minutes using self-aligning brackets secured with only six screws
- Color coordinated aluminum side rails provide stability and conceal slide hardware
- Unique, easy to clean, solid backsplash and floor that prevents debris from falling through to floor or into cabinet
- Decorative rail accents can be customized to match countertops or cabinetry
- Optional lids for 29 qt. waste bins available

#### **Door-Mount Bracket**

- Fits standard width opening up to door sizes 3" wider
- Simple, concealed two-screw door leveling
- Slotted screw holes allow for easy door centering
- Accommodates overlay or inset doors







	Cliding Assembly	As	sembled Product Dime	nsions		Canacity	Number	Unite nev	Waishtney
Stock #	Sliding Assembly Width	Width W	Height* <b>H</b>	Depth <b>D</b>	Finish	Capacity per Bin	Number of Bins	Units per Carton	Weight per Carton
SINGLE BIN UNITS									
USC12-1-35WH	11-13/16" [299 mm]	11-13/16" [299 mm]	19-3/16" [487 mm]	22-7/16" [570 mm]	White	29 qt.	1	1	19.7 lbs. [8.9 kg.]
USC12-1-35PT	11-13/16" [299 mm]	11-13/16" [299 mm]	19-3/16" [487 mm]	22-7/16" [570 mm]	Platinum	29 qt.	1	1	19.7 lbs. [8.9 kg.]
USC12-1-50WH	11-13/16" [299 mm]	11-13/16" [299 mm]	23-1/4" [591 mm]	22-7/16" [570 mm]	White	50 qt.	1	1	22.1 lbs. [10 kg.]
USC12-1-50PT	11-13/16" [299 mm]	11-13/16" [299 mm]	23-1/4" [591 mm]	22-7/16" [570 mm]	Platinum	50 qt.	1	1	22.1 lbs. [10 kg.]
DOUBLE BIN UNITS									
USC12-2-27WH	11-13/16" [300 mm]	11-13/16" [300 mm]	19-1/2" [496 mm]	22-7/16" [570 mm]	White	27 qt.	2	1	20.9 lbs. [9.5 kg.]
USC12-2-27PT	11-13/16" [300 mm]	11-13/16" [300 mm]	19-1/2" [496 mm]	22-7/16" [570 mm]	Platinum	27 qt.	2	1	20.9 lbs. [9.5 kg.]
USC15-2-35WH	14-13/16" [376 mm]	14-13/16" [376 mm]	19-3/16" [487 mm]	22-7/16" [570 mm]	White	29 qt.	2	1	23.5 lbs. [10.7 kg.]
USC15-2-35PT	14-13/16" [376 mm]	14-13/16" [376 mm]	19-3/16" [487 mm]	22-7/16" [570 mm]	Platinum	29 qt.	2	1	23.5 lbs. [10.7 kg.]
USC18-2-50WH	14-13/16" [376 mm]	15-3/8" [391mm]	23-1/4" [592mm]	22-7/16" [570 mm]	White	50 qt.	2	1	24 lbs. [10.9 kg.]
USC18-2-50PT	14-13/16" [376 mm]	15-3/8" [391mm]	23-1/4" [592mm]	22-7/16" [570 mm]	Platinum	50 qt.	2	1	24 lbs. [10.9 kg.]

<sup>\*</sup> If using lid, add 3/4". 30 lbs. maximum per bin, not to exceed 80 lbs. total weight. Not intended for bulk storage.



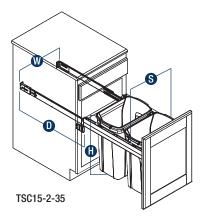
# Soft-Close, Top-Mount Waste & Recycling Bins

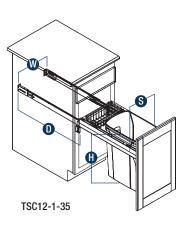
- KV medium-duty, full-extension ball-bearing slides with Soft-Close technology and 1" over-travel
- Door-mount brackets include six-way adjustability for precise door alignment and easy installation
- Bins fit securely into multi-ply birch veneered plywood with soft radius edges
- Single-bin units feature a heavy-duty epoxy-coated wire accessory basket
- Color coordinated steel decorative slide hardware covers provide strength and stability while concealing slide hardware, creating a streamlined, easy-to-clean design
- · Optional lids available



Unique KV Face Frame Adapter Mounting Hardware accommodates 1-3/4" face frame cabinets by allowing for installation in openings 1/2" smaller than standard sizes (excluding TSC15-2-35PT and TSC15-2-35WH).







	Sliding Assembly	As	ssembled Product Dimen	sions		Capacity	Number of	Units per	
Stock #	Width S	Width W	Height* <b>(†)</b>	Depth <b>D</b>	Finish	per Bin	Bins	Carton	Weight per Carton
SINGLE BIN UNITS									
TSC12-1-35WH	11-5/16" [287 mm]	11-1/2" [292 mm]	17-1/2" [445 mm]	23-3/16" [589 mm]	White	29 qt.	1	1	13.9 lbs. [6.3 kg.]
TSC12-1-35PT	11-5/16" [287 mm]	11-1/2" [292 mm]	17-1/2" [445 mm]	23-3/16" [589 mm]	Platinum	29 qt.	1	1	13.9 lbs. [6.3 kg.]
TSC15-1-35WH	14-5/16" [364 mm]	14-1/2" [368 mm]	17-1/2" [445 mm]	23-3/16" [589 mm]	White	29 qt.	1	1	14.7 lbs. [6.7 kg.]
TSC15-1-35PT	14-5/16" [364 mm]	14-1/2" [368 mm]	17-1/2" [445 mm]	23-3/16" [589 mm]	Platinum	29 qt.	1	1	14.7 lbs. [6.7 kg.]
TSC15-1-50WH	14-5/16" [364 mm]	14-1/2" [368 mm]	21-5/8" [549 mm]	23-3/16" [589 mm]	White	50 qt.	1	1	15.7 lbs. [7.1 kg.]
TSC15-1-50PT	14-5/16" [364 mm]	14-1/2" [368 mm]	21-5/8" [549 mm]	23-3/16" [589 mm]	Platinum	50 qt.	1	1	15.7 lbs. [7.1 kg.]
DOUBLE BIN UNITS									
TSC15-2-35WH	14-13/16" [376 mm]	15" [381 mm]	17-1/2" [445 mm]	23-3/16" [589 mm]	White	29 qt.	2	1	14.9 lbs. [6.8 kg.]
TSC15-2-35PT	14-13/16" [376 mm]	15" [381 mm]	17-1/2" [445 mm]	23-3/16" [589 mm]	Platinum	29 qt.	2	1	14.9 lbs. [6.8 kg.]
TSC18-2-35WH	17-5/16" [440 mm]	17-1/2" [445 mm]	17-1/2" [445 mm]	23-3/16" [589 mm]	White	29 qt.	2	1	15.6 lbs. [7.1 kg.]
TSC18-2-35PT	17-5/16" [440 mm]	17-1/2" [445 mm]	17-1/2" [445 mm]	23-3/16" [589 mm]	Platinum	29 qt.	2	1	15.6 lbs. [7.1 kg.]

<sup>\*</sup> If using lid, add 3/4". 30 lbs. maximum per bin, not to exceed 80 lbs. total weight. Not intended for bulk storage.

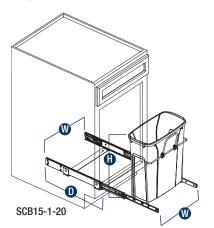


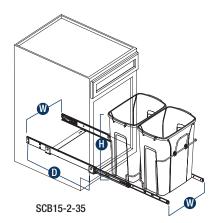


# Soft-Close, Bottom-Mount Waste & Recycling Bins

#### (door-mount optional)

- KV medium-duty, full-extension ball-bearing slides with Soft-Close technology and 1" over-travel
- Clip-On Handle
- Easy installation with only four screws into heavy-duty mounting straps
- Optional Door-Mount Bracket available
- Specialized wire management systems hold Bins securely in place
- Bottom-mount units provide stability and are pre-assembled, for faster installation
- Optional lids available





	Cliding Assembly	Ass	sembled Product Dimens	ions					
Stock #	Sliding Assembly Width S	Width W	Height* (H	Depth <b>D</b>	Finish	Capacity per Bin	Number of Bins	Units per Carton	Weight per Carton
simply pour thoughtfully organized	ut SINGLE BIN UNIT	S (FULL COLOR RETAIL	PACKAGING)						
SP-BSC10-1-35-P	9-11/16" [246 mm]	9-11/16" [246 mm]	20" [508 mm]	20" [508 mm]	Frosted Nickel/Platinum	29 qt.	1	1	9.0 lbs. [4.1 kg]
SP-BSC12-2-27-P	11" [279 mm]	11" [279 mm]	18-3/4" [476 mm]	22" [559 mm]	Frosted Nickel/Platinum	27 qt.	2	1	11.5 lbs. [5.2 kg]
SP-BSC15-2-35-P	14-15/16" [379 mm]	14-15/16" [379 mm]	18-3/4" [476 mm]	22" [559 mm]	Frosted Nickel/Platinum	29 qt.	2	1	13.0 lbs. [5.9 kg]
SINGL	E BIN UNITS								
SCB9-1-20PT	8-3/8" [218 mm]	8-3/8" [213 mm]	17-5/16" [440 mm]	20-1/8" [511 mm]	Frosted Nickel/Platinum	20 qt.	1	1	11.5 lbs. [5.2 kg.]
SCB9-1-20WH	8-3/8" [218 mm]	8-3/8" [213 mm]	17-5/16" [440 mm]	20-1/8" [511 mm]	White/White	20 qt.	1	1	11.5 lbs. [5.2 kg.]
SCB10-1-35PT	9-5/8" [244 mm]	9-5/8" [244 mm]	18-13/16" [478 mm]	20-1/8" [511 mm]	Frosted Nickel/Platinum	29 qt.	1	1	10.5 lbs. [4.8 kg.]
SCB10-1-35WH	9-5/8" [244 mm]	9-5/8" [244 mm]	18-13/16" [478 mm]	20-1/8" [511 mm]	White/White	29 qt.	1	1	10.5 lbs. [4.8 kg.]
SCB12-1-50PT	11-3/8" [299 mm]	11-3/8" [299 mm]	22-7/8" [581 mm]	20-1/8" [511 mm]	Frosted Nickel/Platinum	50 qt.	1	1	11.5 lbs. [5.2 kg.]
SCB12-1-50WH	11-3/8" [299 mm]	11-3/8" [299 mm]	22-7/8" [581 mm]	20-1/8" [511 mm]	White/White	50 qt.	1	1	11.5 lbs. [5.2 kg.]
SCB15-1-20PT	14-3/8" [365 mm]	14-3/8" [365 mm]	17-5/16" [440 mm]	16" [406 mm]	Frosted Nickel/Platinum	20 qt.	1	1	10.7 lbs. [4.9 kg.]
SCB15-1-20WH	14-3/8" [365 mm]	14-3/8" [365 mm]	17-5/16" [440 mm]	16" [406 mm]	White/White	20 qt.	1	1	10.7 lbs. [4.9 kg.]
DOUBLE	BIN UNITS								
SCB12-2-27WH	11" [279 mm]	11-3/8" [299 mm]	18-3/4" [476 mm]	22" [558 mm]	White/White	27 qt.	2	1	14.0 lbs. [6.4 kg.]
SCB12-2-27PT	11" [279 mm]	11-3/8" [299 mm]	18-3/4" [476 mm]	22" [558 mm]	Frosted Nickel/Platinum	27 qt.	2	1	14.0 lbs. [6.4 kg.]
SCB15-2-20PT	14-3/8" [365 mm]	14-3/8" [365 mm]	17-5/16" [440 mm]	20-1/8" [511 mm]	Frosted Nickel/Platinum	20 qt.	2	1	18.1 lbs. [8.2 kg.]
SCB15-2-20WH	14-3/8" [365 mm]	14-3/8" [365 mm]	17-5/16" [440 mm]	20-1/8" [511 mm]	White/White	20 qt.	2	1	18.1 lbs. [8.2 kg.]
SCB15-2-35PT	14-3/8" [365 mm]	14-3/8" [365 mm]	18-13/16" [478 mm]	22" [558 mm]	Frosted Nickel/Platinum	29 qt.	2	1	19.7 lbs. [8.9 kg.]
SCB15-2-35WH	14-3/8" [365 mm]	14-3/8" [365 mm]	18-13/16" [478 mm]	22" [558 mm]	White/White	29 qt.	2	1	19.7 lbs. [8.9 kg.]

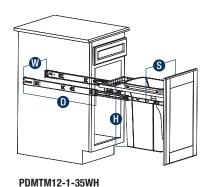
<sup>\*</sup> If using lid, add 3/4". 30 lbs. maximum per bin, not to exceed 80 lbs. total weight. Not intended for bulk storage.

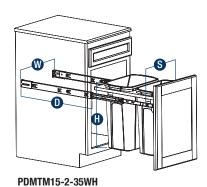


# Standard, Top-Mount Waste & Recycling Bins

- White polymer removable Bins slide out on KV heavy-duty, precision ball-bearing slides
- Door-Mount Brackets include six-way adjustability for precise door alignment and easy installation
- Made of multi-ply birch veneered plywood with soft radius edges for safety and comfort
- Single-bin units feature a heavy-duty, epoxy-coated wire accessory basket
- Optional lids available







	Sliding Assembly	As	sembled Product Dime	ensions		Capacity	Number of	Units per	Weight per
Stock #	Width S	Width W	Height* <b>(H</b> )	Depth <b>D</b>	Finish	per Bin	Bins	Carton	Carton
SINGLE BIN UNITS									
PDMTM115-1-35WH	10-15/16" [278 mm]	11-1/2" [292 mm]	17-1/2" [445 mm]	22-1/2" [572 mm]	Anochrome/White	29 qt.	1	1	12.6 lbs. [5.7
PDMTM12-1-35WH	11-7/16" [291 mm]	12" [305 mm]	17-1/2" [445 mm]	22-1/2" [572 mm]	Anochrome/White	29 qt.	1	1	13.1 lbs. [5.9
PDMTM145-1-50WH	13-15/16" [354 mm]	14-1/2" [368 mm]	21-5/8" [549 mm]	22-1/2" [572 mm]	Anochrome/White	50 qt.	1	1	14.5 lbs. [6.6

DOUBLE BIN UNITS									
PDMTM15-2-35WH	14-7/16" [367 mm]	15" [381 mm]	17-1/2" [445 mm]	22-1/2" [572 mm]	Anochrome/White	29 qt.	2	1	14.2 lbs. [6.4 kg.]
PDMTM175-2-35WH	16-15/16" [430 mm]	17-1/2" [445 mm]	17-1/2" [445 mm]	22-1/2" [572 mm]	Anochrome/White	29 qt.	2	1	15.7 lbs. [7.1 kg.]
PDMTM18-2-35WH	17-7/16" [443 mm]	18" [457 mm]	17-1/2" [445 mm]	22-1/2" [572 mm]	Anochrome/White	29 qt.	2	1	15.9 lbs. [7.2 kg.]
PDMTM21-2-35WH	20-7/16" [519 mm]	21" [533 mm]	17-1/2" [445 mm]	22-1/2" [572 mm]	Anochrome/White	29 at.	2	1	16.5 lbs. [7.5 kg.]

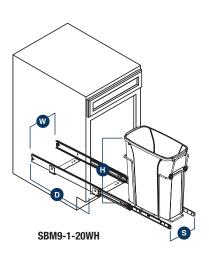
<sup>\*</sup> If using lid, add 3/4". 30 lbs. maximum per bin, not to exceed 80 lbs. total weight. Not intended for bulk storage.

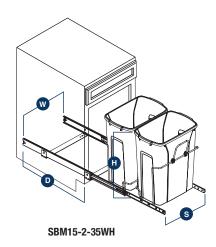


#### Standard, Bottom-Mount Waste & Recycling Bins (door-mount optional)

- KV medium-duty ball-bearing precision slides
- Updated wire management system holds bins securely in place
- Pre-assembled units with heavy-duty mounting straps install easily with only four screws
- Clip-on handle comes single and double-bin units
- Optional Door-Mount Bracket available
- Optional lids available for 20 qt. and 29 qt. waste bins







	Sliding Assembly	A	ssembled Product Dimensi	ons		Capacity	Number of	Units per	
Stock #	Width S	Width W	Height* 🕕	Depth <b>D</b>	Finish	per Bin	Bins	Carton	Weight per Carton
SINGLE BIN UNITS									
SBM9-1-20WH	8" [203 mm]	8" [203 mm]	17-5/16" [440 mm]	20-1/8" [511 mm]	White	20 qt.	1	1	10.3 lbs. [4.7 kg.]
SBM10-1-35WH	9-5/8" [244 mm]	9-5/8" [244 mm]	18-13/16" [478 mm]	20-1/8" [511 mm]	White	29 qt.	1	1	9.4 lbs. [4.3 kg.]
SBM12-1-50WH	11-3/8" [289 mm]	11-3/8" [289 mm]	22-7/8" [581 mm]	20-1/8" [511 mm]	White	50 qt.	1	1	10.5 lbs. [4.8 kg.]
SBM15-1-35WH	14-3/8" [365 mm]	14-3/8" [365 mm]	18-3/4" [478 mm]	16" [406 mm]	White	29 qt.	1	1	14.6 lbs. [6.6 kg.]
DOUBLE BIN UNITS									
SBM12-2-27WH	11-3/8" [289 mm]	11-3/8" [289 mm]	18-3/4" [476 mm]	22" [558 mm]	White	27 qt.	2	1	12.9 lbs. [5.9 kg.]
SBM15-2-20WH	14-3/8" [365 mm]	14-3/8" [365 mm]	17-5/16" [440 mm]	20-1/8" [511 mm]	White	20 qt.	2	1	16.8 lbs. [7.6 kg.]
SBM15-2-35WH	14-3/8" [365 mm]	14-3/8" [365 mm]	18-13/16" [478 mm]	22" [558 mm]	White	29 qt.	2	1	18.3 lbs [8.3 kg.]

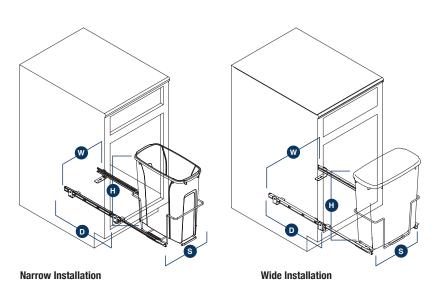
<sup>\*</sup> If using lid, add 3/4". 30 lbs. maximum per bin, not to exceed 80 lbs. total weight. Not intended for bulk storage.



# Two-Way Pull-Out Waste & Recycling Bins

 Mounting options fit both narrow and wide opening cabinets: facilitating maximum depth usage or shallow depth installations to work around plumbing





	A	Olidina Assaulti	As	Assembled Product Dimensions						
Stock #	Assembly Installation	Sliding Assembly Width	Width W	Height* <b>H</b>	Depth <b>D</b>	Finish	Capacity per Bin	Number of Bins	Units per Carton	Weight per Carton
Simply pu	It SINGLE BIN L	JNITS (FULL COLOR RETA	IIL PACKAGING)							
0D F0MH0 4 0F M	Narrow	9-7/8" [251 mm]	9-7/8" [251 mm]	18-15/16" [481 mm]	16" [406 mm]	White	29 qt.	1	1	7.0 lbs. [3.2 kg]
SP-ECW10-1-35-W	Wide	14-1/4" [362 mm]	14-1/4" [362 mm]	18-15/16" [481 mm]	16" [406 mm]	White	29 qt.	1	1	7.0 lbs. [3.2 kg]





#### **Door Mount Bracket Kits**

- Easy installation into handle mounting holes with only four screws
- Six-way adjustability for alignment of cabinet door with easy "drop-in" keyhole attachment
- Adapts from standard width opening up to door sizes 3" wider
- Allows for application with most common cabinet door overlays
- Eliminates need for sub-panel support behind cabinet door

Stock #	Description	Finish	Units per Carton	Weight per Carton
simplyput	DOOR-MOUNT BRACKET	KIT (FULL COLOR RETAI	L PACKAGING)	
SP-DOORKIT-ANO*	-	Anochrome	1	2.6 lbs. [1.2 kg.]
DOOR-MOUN	IT BRACKET KIT			
PDMKTPT*	-	Frosted Nickel	1	2.3 lbs. [1 kg.]

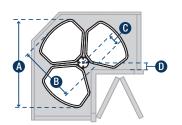
Note: Door-Mount Kit adds 3/8" to depth of Waste & Recycle unit.

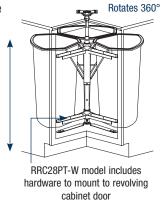
\*Instructions and hardware included with all kits.



#### Corner Recycling Centers

- Three removable white polymer 32 qt. bins rotate on 1" diameter post
- Designed to fit in 36" base corner cabinet



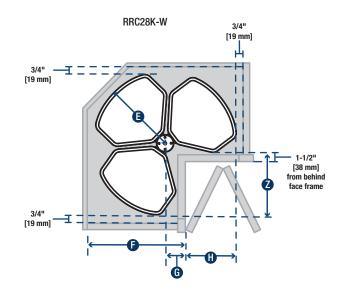


	Assembled Product Dimensions							Number	Units per	Weight per
Stock #	Diameter (A	B	G	O	Post Height Range	Finish	Capacity per Bin	of Bins	Carton	Carton
CORNER RE	CYCING CENTER									
RRC28K-W	27-5/8" [702 mm]	18-5/16" [465 mm]	4-1/2" [114 mm]	3-3/16" [81 mm]	28-1/2" [724 mm] - 30-1/2" [775 mm]	Chrome/White	32 qt.	3	1	15.3 lbs. [6.9 kg.]

#### **Cabinet Dimensions**

Stock #	<b>3</b>	G	G	0	2	Mounting
SINGLE BIN	UNITS					
RRC28K-W	13-13/16" [351 mm]	18-1/2" [470 mm]	3-15/16" [100 mm]	9-7/8" [251 mm]	12-1/8" [308 mm]	Top/Bottom

- **=** Radius
- **G** = Center of Rotation
- H = Min. Cabinet Opening





**Door-Mounted Waste Bin** 

- White polymer removable bin mounts on White frame
- Perfect for kitchens and baths
- · Installs with two screws

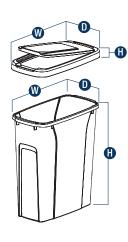


Assembled Product Dimensions										
Stock #	Width W	Height* 🕕	Depth <b>D</b>	Finish	Capacity per Bin	Number of Bins	Units per Carton	Weight per Carton		
DOOR-MOUNTED W	/ASTE BIN									
DWB975-W	9-1/2" [241 mm]	13-3/8" [340 mm]	7" [178 mm]	White/White	9 qt.	1	1	1.7 lbs. [0.8 kg.]		

<sup>\*</sup>Product dimensions include units in a fully-closed position, unless noted otherwise. \*\*Height listed is when product is in an open position.

# Replacement Bins & Lids

	As	sembled Product Dime	nsions			Units per	
Stock #	Width W	Height* 🕕	Depth <b>D</b>	Finish	Description	Carton	Weight per Carton
BINS							
QT20PB-WH	14-1/4" [362 mm]	16" [406 mm]	7-1/4" [184 mm]	White	20 qt.	6	12 lbs. [5.4 kg.]
QT20PB-PT	14-1/4" [362 mm]	16" [406 mm]	7-1/4" [184 mm]	Platinum	20 qt.	6	12 lbs. [5.4 kg.]
QT27PB-W	10-5/8" [270 mm]	17-3/4" [451 mm]	10-5/8" [270 mm]	White	27 qt.	10	17.4 lbs. [7.9 kg.]
QT27PB-PT	10-5/8" [270 mm]	17-3/4" [451 mm]	10-5/8" [270 mm]	Platinum	27 qt.	10	17.4 lbs. [7.9 kg.]
QT32PB-W	14" [356 mm]	20" [508 mm]	11-3/4" [298 mm]	White	32 qt.	1	4 lbs. [1.8 kg.]
QT35PB-WH	14-1/4" [362 mm]	17-1/2" [445 mm]	9-3/16" [233 mm]	White	29 qt.	6	14 lbs. [6.4 kg.]
QT35PB-PT	14-1/4" [362 mm]	17-1/2" [445 mm]	9-3/16" [233 mm]	Platinum	29 qt.	6	14 lbs. [6.4 kg.]
QT50PB-W	15-3/8" [391 mm]	21-3/8" [542 mm]	11-1/8" [283 mm]	White	50 qt.	8	20 lbs. [9.1 kg.]
QT50PB-P	15-3/8" [391 mm]	21-3/8" [542 mm]	11-1/8" [283 mm]	Platinum	50 qt.	8	20 lbs. [9.1 kg.]
LIDS							
QT20LB-WH	14-1/2" [368 mm]	*	7-7/16" [189 mm]	White	Fits 20 qt.	1	2 lbs. [0.9 kg.]
QT20LB-PT	14-1/2" [368 mm]	*	7-7/16" [189 mm]	Platinum	Fits 20 qt.	1	2 lbs. [0.9 kg.]
QT35LB-WH	14-1/2" [368 mm]	*	9-9/16" [243 mm]	White	Fits 35 qt.	1	2 lbs. [0.9 kg.]
QT35LB-PT	14-1/2" [368 mm]	*	9-9/16" [243 mm]	Platinum	Fits 35 qt.	1	2 lbs. [0.9 kg.]



# Replacement Bin Chart

PRODUCT NUMBER	REPLACEMENT Stock Numebr
SCB10-1-35WH	QT35PB-WH
SCB10-1-35PT	QT35PB-PT
SCB12-1-50WH	QT50PB-W
SCB12-1-50PT	QT50PB-P
SCB12-2-27WH	QT27PB-W
SCB12-2-27PT	QT27PB-PT
SCB15-1-20WH	QT20PB-WH
SCB15-1-20PT	QT20PB-PT
SCB15-2-20WH	QT20PB-WH
SCB15-2-20PT	QT20PB-PT
SCB15-2-35WH	QT35PB-WH
SCB15-2-35PT	QT35PB-PT
SCB9-1-20PT	QT20PB-PT
SCB9-1-20WH	QT20PB-WH
PDMTM115-1-35WH	QT35PB-WH
PDMTM12-1-35WH	QT35PB-WH
PDMTM145-1-50WH	QT50PB-W
PDMTM15-2-35WH	QT35PB-WH
PDMTM175-2-35WH	QT35PB-WH
PDMTM18-2-35WH	QT35PB-WH
PDMTM21-2-35WH	QT35PB-WH
SBM12-2-27WH	QT27PB-W
SBM10-1-35WH	QT35PB-WH
SBM12-1-50WH	QT50PB-W
SBM15-1-35WH	QT35PB-WH

PRODUCT NUMBER	REPLACEMENT STOCK NUMEBR
SBM15-2-20WH	QT20PB-WH
SBM15-2-35WH	QT35PB-WH
SBM9-1-20WH	QT20PB-WH
RRC28K-W	QT32PB-W
TSC12-1-35WH	QT35PB-WH
TSC12-1-35PT	QT35PB-PT
TSC15-1-35WH	QT35PB-WH
TSC15-1-35PT	QT35PB-PT
TSC15-1-50WH	QT50PB-W
TSC15-1-50PT	QT50PB-P
TSC15-2-35WH	QT35PB-WH
TSC15-2-35PT	QT35PB-PT
TSC18-2-35WH	QT35PB-WH
TSC18-2-35PT	QT35PB-PT
USC12-1-35WH	QT35PB-WH
USC12-1-35PT	QT35PB-PT
USC12-1-50WH	QT50PB-W
USC12-1-50PT	QT50PB-PT
USC12-2-27WH	QT27PB-W
USC12-2-27PT	QT27PB-PT
USC15-2-35WH	QT35PB-WH
USC15-2-35PT	QT35PB-PT
USC18-2-50WH	QT50PB-WH
USC18-2-50PT	QT50PB-PT

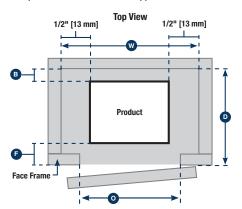


<sup>\*</sup> Lid adds 3/4" to bin height.

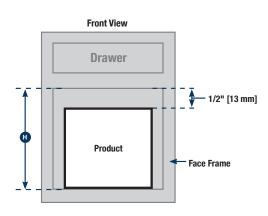
#### **Cabinet Dimensions**

	Min. Cabinet Dimensions	Min. Interior Cabinet Dimensions			Min. Cabinet Clearance			
Stock #	Width 0	Width W	Height* <b>H</b>	Depth <b>D</b>	Front <b>(F</b> )	Back B		
SINGLE BIN UNITS: NO	N-DOOR-MOUNT							
SCB9-1-20PT	9" [229 mm]	9" [229 mm]	17-13/16" [452 mm]	20-1/2" [521 mm]	1/4" [6 mm]	1/8" [3 mm]		
SCB9-1-20WH	9" [229 mm]	9" [229 mm]	17-13/16" [452 mm]	20-1/2" [521 mm]	1/4" [6 mm]	1/8" [3 mm]		
SCB10-1-35PT	10" [254 mm]	10" [254 mm]	19-5/16" [491 mm]	20-1/2" [521 mm]	1/4" [6 mm]	1/8" [3 mm]		
SCB10-1-35WH	10" [254 mm]	10" [254 mm]	19-5/16" [491 mm]	20-1/2" [521 mm]	1/4" [6 mm]	1/8" [3 mm]		
SCB12-1-50PT	12" [305 mm]	12" [305 mm]	23-3/8" [594 mm]	20-1/2" [521 mm]	1/4" [6 mm]	1/8" [3 mm]		
SCB12-1-50WH	12" [305 mm]	12" [305 mm]	23-3/8" [594 mm]	20-1/2" [521 mm]	1/4" [6 mm]	1/8" [3 mm]		
SCB15-1-20PT	15" [381 mm]	15" [381 mm]	17-13/16" [452 mm]	16" [407 mm]	1/4" [6 mm]	1/8" [3 mm]		
SCB15-1-20WH	15" [381 mm]	15" [381 mm]	17-13/16" [452 mm]	16" [407 mm]	1/4" [6 mm]	1/8" [3 mm]		
SBM9-1-20WH	9" [229 mm]	9" [229 mm]	17-13/16" [452 mm]	20-1/2" [521 mm]	1/4" [6 mm]	1/8" [3 mm]		
SBM10-1-35WH	10" [254 mm]	10" [254 mm]	19-5/16" [491 mm]	20-1/2" [521 mm]	1/4" [6 mm]	1/8" [3 mm]		
SBM12-1-50WH	12" [305 mm]	12" [305 mm]	23-3/8" [594 mm]	20-1/2" [521 mm]	1/4" [6 mm]	1/8" [3 mm]		
SBM15-1-35WH	15" [381 mm]	15" [381 mm]	19-5/16" [491 mm]	16-3/8" [416 mm]	1/4" [6 mm]	1/8" [3 mm]		
SINGLE BIN UNITS: DO	OR-MOUNT (BOTTOM-MOUNT)							
DWB975-W	12" [305 mm]	12" [305 mm]	12-1/8" [308 mm]	7-1/2" [191 mm]	-	1/8" [3 mm]		
WUSC12-1-35PT	11-3/4" [298 mm]	11-3/4" [298 mm]	19-1/2" [241 mm]	22-1/2" [597 mm]	-	1/8" [3 mm]		
WUSC12-1-35WH	11-3/4" [298 mm]	11-3/4" [298 mm]	19-1/2" [241 mm]	22-1/2" [597 mm]	-	1/8" [3 mm]		
WUSC12-1-50PT	11-3/4" [298 mm]	11-3/4" [298 mm]	23-1/2" [597 mm]	22-1/2" [597 mm]	-	1/8" [3 mm]		
WUSC12-1-50WH	11-3/4" [298 mm]	11-3/4" [298 mm]	23-1/2" [597 mm]	22-1/2" [597 mm]	-	1/8" [3 mm]		
USC12-1-35WH	12" [305 mm]	12" [305 mm]	19-3/16" [487 mm]	22-5/8" [575 mm]	-	1/8" [3 mm]		
USC12-1-35PT	12" [305 mm]	12" [305 mm]	19-3/16" [487 mm]	22-5/8" [575 mm]	-	1/8" [3 mm]		
USC12-1-50WH	12" [305 mm]	12" [305 mm]	23-5/16" [592 mm]	22-5/8" [575 mm]	-	1/8" [3 mm]		
USC12-1-50PT	12" [305 mm]	12" [305 mm]	23-5/16" [592 mm]	22-5/8" [575 mm]	-	1/8" [3 mm]		
SINGLE BIN UNITS: DO	OR-MOUNT (TOP-MOUNT)							
PDMTM15-1-35WH	11-1/2" [292 mm]	11-1/2" [292 mm]	18" [457 mm]	22-1/2" [572 mm]	-	1/8" [3 mm]		
PDMTM12-1-35WH	12" [305 mm]	12" [305 mm]	18" [457 mm]	22-1/2" [572 mm]	-	1/8" [3 mm]		
PDMTM145-1-50WH	14-1/2" [368 mm]	14-1/2" [368 mm]	22-1/8" [562 mm]	22-1/2" [572 mm]	-	1/8" [3 mm]		
TSC12-1-35WH	11-1/2" [292 mm]	11-1/2" [292 mm]	18" [457 mm]	23-3/8" [594 mm]	-	1/8" [3 mm]		
TSC12-1-35PT	11-1/2" [292 mm]	11-1/2" [292 mm]	18" [457 mm]	23-3/8" [594 mm]	-	1/8" [3 mm]		
TSC15-1-35WH	14-1/2" [368 mm]	14-1/2" [368 mm]	18" [457 mm]	23-3/8" [594 mm]	-	1/8" [3 mm]		
TSC15-1-35PT	14-1/2" [368 mm]	14-1/2" [368 mm]	18" [457 mm]	23-3/8" [594 mm]	_	1/8" [3 mm]		
TSC15-1-50WH	14-1/2" [368 mm]	14-1/2" [368 mm]	22-1/8" [562 mm]	23-3/8" [594 mm]	-	1/8" [3 mm]		
TSC15-1-50PT	14-1/2" [368 mm]	14-1/2" [368 mm]	22-1/8" [562 mm]	23-3/8" [594 mm]	_	1/8" [3 mm]		

#### Example of Face Frame Cabinet Application



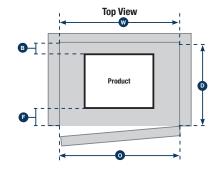
Dimensions shown are recommended minimum cabinet dimensions and clearances.

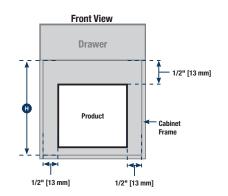


## **Cabinet Dimensions**

	Min. Cabinet Dimensions		Min. Interior Cabinet Dimensions			Cabinet Clearance
Stock #	Width 0	Width W	Height* <b>H</b>	Depth <b>D</b>	Front (F)	Back B
DOUBLE BIN UNITS: NO	N-DOOR-MOUNT					
SCB12-2-27PT	12" [305 mm]	12" [305 mm]	19" [482 mm]	22-9/16 [573 mm]	-	1/8" [3 mm]
SCB12-2-27WH	12" [305 mm]	12" [305 mm]	19" [482 mm]	22-9/16 [573 mm]	1/4" [6 mm]	1/8" [3 mm]
SCB15-2-20PT	15" [381 mm]	15" [381 mm]	17-13/16" [452 mm]	20-3/8" [518 mm]	1/4" [6 mm]	1/8" [3 mm]
SCB15-2-20WH	15" [381 mm]	15" [381 mm]	17-13/16" [452 mm]	20-3/8" [518 mm]	1/4" [6 mm]	1/8" [3 mm]
SCB15-2-35PT	15" [381 mm]	15" [381 mm]	19-5/16" [491 mm]	23-3/8" [594 mm]	1/4" [6 mm]	1/8" [3 mm]
SCB15-2-35WH	15" [381 mm]	15" [381 mm]	19-5/16" [491 mm]	23-3/8" [594 mm]	1/4" [6 mm]	1/8" [3 mm]
SBM12-2-27WH	12" [305 mm]	12" [305 mm]	19" [482 mm]	22-9/16" [573 mm]	1/4" [6 mm]	1/8" [3 mm]
SBM15-2-20WH	15" [381 mm]	15" [381 mm]	17-13/16" [452 mm]	20-3/8" [518 mm]	1/4" [6 mm]	1/8" [3 mm]
SBM15-2-35WH	15" [381 mm]	15" [381 mm]	19-5/16" [491 mm]	22-3/8" [568 mm]	1/4" [6 mm]	1/8" [3 mm]
DOUBLE BIN UNITS: DO	OR-MOUNT (BOTTOM-MOUNT)					
WUSC12-2-27PT	11-1/2" [292 mm]	11-3/4" [298 mm]	19-3/4" [502 mm]	22-1/2" [597 mm]	_	1/8" [3 mm]
WUSC12-2-27WH	11-1/2" [292 mm]	11-3/4" [298 mm]	19-3/4" [502 mm]	22-1/2" [597 mm]	-	1/8" [3 mm]
WUSC15-2-35PT	14-1/2" [368 mm]	14-3/4" [375 mm]	19-1/2" [502 mm]	22-1/2" [597 mm]	-	1/8" [3 mm]
WUSC15-2-35WH	14-1/2" [368 mm]	14-3/4" [375 mm]	19-1/2" [502 mm]	22-1/2" [597 mm]	-	1/8" [3 mm]
WUSC18-2-50PT	17" [432 mm]	17" [432 mm]	23-1/4" [591 mm]	22-9/16" [573 mm]	_	1/8" [3 mm]
WUSC18-2-50WH	17" [432 mm]	17" [432 mm]	23-1/4" [591 mm]	22-9/16" [573 mm]	-	1/8" [3 mm]
USC12-2-27PT	12" [305 mm]	12" [305 mm]	19-1/4" [489 mm]	22-9/16" [573 mm]	-	1/8" [3 mm]
USC12-2-27WH	12" [305 mm]	12" [305 mm]	19-1/4" [489 mm]	22-9/16" [573 mm]	-	1/8" [3 mm]
USC15-2-35WH	15" [381 mm]	15" [381 mm]	19-3/16" [487 mm]	22-5/8" [575 mm]	-	1/8" [3 mm]
USC15-2-35PT	15" [381 mm]	15" [381 mm]	19-3/16" [487 mm]	22-5/8" [575 mm]	-	1/8" [3 mm]
USC18-2-50WH	16" [406 mm]	15-5/8" [397 mm]	23-5/16" [592 mm]	22-5/8" [575 mm]	-	1/8" [3 mm]
USC18-2-50PT	16" [406 mm]	15-5/8" [397 mm]	23-5/16" [592 mm]	22-5/8" [575 mm]	-	1/8" [3 mm]
DOUBLE BIN UNITS: DO	OR-MOUNT (TOP-MOUNT)					
PDMTM15-2-35WH	15" [381 mm]	15" [381 mm]	18" [457 mm]	22-1/2" [572 mm]	-	1/8" [3 mm]
PDMTM175-2-35WH	17-1/2" [445 mm]	17-1/2" [445 mm]	18" [457 mm]	22-1/2" [572 mm]	-	1/8" [3 mm]
PDMTM18-2-35WH	18" [457 mm]	18" [457 mm]	18" [457 mm]	22-1/2" [572 mm]	_	1/8" [3 mm]
PDMTM21-2-35WH	21" [533 mm]	21" [533 mm]	18" [457 mm]	22-1/2" [572 mm]	-	1/8" [3 mm]
TSC15-2-35WH	15" [381 mm]	15" [381 mm]	18" [457 mm]	23-3/8" [594 mm]	_	1/8" [3 mm]
TSC15-2-35PT	15" [381 mm]	15" [381 mm]	18" [457 mm]	23-3/8" [594 mm]	-	1/8" [3 mm]
TSC18-2-35WH	17-1/2" [445 mm]	17-1/2" [445 mm]	18" [457 mm]	23-3/8" [594 mm]	_	1/8" [3 mm]
TSC18-2-35PT	17-1/2" [445 mm]	17-1/2" [445 mm]	18" [457 mm]	23-3/8" [594 mm]	-	1/8" [3 mm]

#### Example of Frameless / Euro-Style Cabinet Application



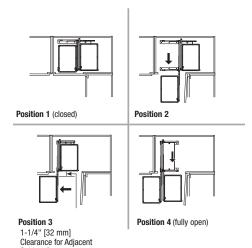




# Pull-Outs

Slide-Out Base Blind Corner Unit
Pot & Pan Caddy
Pull-Out Cookware Organizer
Tray Divider Roll-Outs
Wood & Wire Tray Divider Roll-Outs
Single-Tier Pull-Out Baskets164
Double-Tier Pull-Out Baskets
Slide Out Basket
Pull-Out Wood Drawer
Removable Cleaning Caddy
Appliance Lift
Cabinet Dimensions

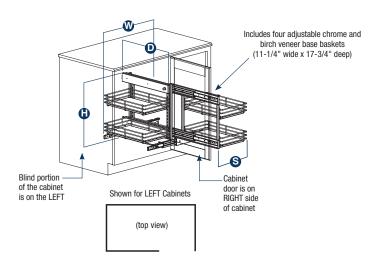


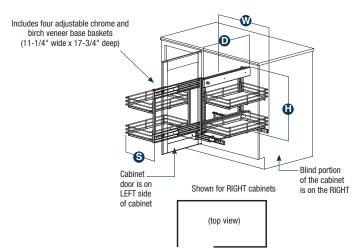


Cabinet Door

#### Slide-Out Base Blind Corner Unit

- Chrome
- Provides easy access to hard-to-reach blind corners
- Opens by manually pulling each half of the unit out of cabinet in three easy steps
- Heavy-duty precision ball-bearing slides
- Unit can be installed as left or right handed





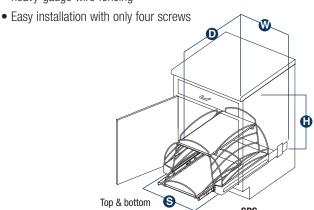
Assembled Product Dimensions									
Stock #	Sliding Assembly Width S	Height <b>(H</b> )	Width W	Depth <b>(</b>	Finish	Units per Carton	Weight per Carton		
SLIDE-OUT BASE BLI	ND CORNER UNITS								
BCUS-LR-15-CH	11" [279 mm]	20-1/2" [292 mm]	25-1/2" [445 mm]	17-7/8" [572 mm]	Chrome	1	62.9 lbs. [5.7 kg.]		



#### Pot & Pan Caddy



- Two separate pull-out sections provide flexible pot and pan storage and access
- Pre-finished Birch veneer platforms with contoured skirting and Frosted Nickel heavy-gauge wire fencing





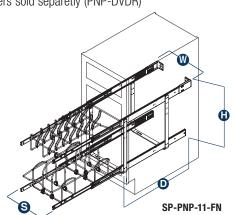
# Pull-Out Cookware Organizer

SPS

- Soft-close slide technology
- Top rack holds lids and bottom holds pots and pans

extended

- Both racks slide separately for easy access
- Adjustable dividers allow customization for varied size pots and pans
- Top rack adjusts up or down
- Additional dividers sold separetly (PNP-DVDR)



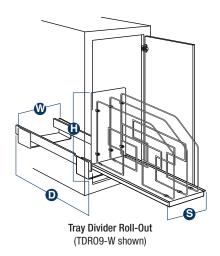
	Sliding Assembly	Ass	embled Product Dimer	isions			
Stock #	Width S	Width W	Height (H	Depth <b>D</b>	Finish	Units per Carton	Weight per Carton
simply <b>put</b>	PULL-OUT COOKWARE ORGA	NIZER (FULL COLOR RETAII	L PACKAGING)				
SP-PNP-11-FN	11-1/2" [292 mm]	11-1/2" [292 mm]	14-11/16"-19-3/4" [373-502 mm]	22-1/8"-23-1/2" [562-597 mm]	Frosted Nickel	1	19 lbs. [8.6 kg.]
SP-PNP-20-FN	20-1/2" [521 mm]	20-1/2" [521 mm]	14-11/16"-19-3/4" [373-502 mm]	22-1/8"-23-1/2" [562-597 mm]	Frosted Nickel	1	24 lbs. [10.9 kg.]
PNP-DVDR	N/A	N/A	N/A	N/A	Frosted Nickel	20 (sets of 3)	20 lbs. [9.1 kg.]
POT & PAN (	CADDY						
SPS21-FN	19-1/2" [495 mm]	19-1/2" [495 mm]	14-1/4" [362 mm]	22-1/4" [565 mm]	Frosted Nickel/Birch	1	32.6 lbs. [14.8 kg.]
SPS27-FN	25-1/2" [648 mm]	25-1/2" [648 mm]	14-1/4" [362 mm]	22-1/4" [565 mm]	Frosted Nickel/Birch	1	33.8 lbs. [15.3 kg.]



#### Tray Divider Roll-Outs



- KV epoxy-coated roller slides
- Sliding base assembly is 1/2"- thick laminated melamine mounted on epoxy-coated slides and is fully assembled
- Heavy-gauge steel wire partitions section off storage areas

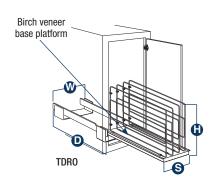




# Wood & Wire Tray Divider Roll-Outs



- Heavy gauge Frosted Nickel wire frames
- Birch veneer base platform
- Slides out on heavy-duty, full-extension ball-bearing slides



		Ass	embled Product Dimer	nsions			
Stock #	Sliding Assembly Width	S Width W	Height <b>(H</b> )	Depth <b>D</b>	Finish	Units per Carton	Weight per Carton
TRAY DIVIDER ROLL-OUTS							
TDR06-W	5-7/16" [138 mm]	6" [152 mm]	19-1/2" [495 mm]	22" [559 mm]	White	1	9.0 lbs. [4.1 kg.]
TDR09-W	8-7/16" [214 mm]	9" [229 mm]	19-1/2" [495 mm]	22" [559 mm]	White	1	11.9 lbs. [5.4 kg.]
WOOD & WIRE TRAY DIVID	ER ROLL-OUTS						
TDRO-FNW-6	5-1/2" [140 mm]	5-1/2" [140 mm]	14" [356 mm]	22-1/4" [565 mm]	Frosted Nickel/Birch	1	11.5 lbs. [5.2 kg.]
TDRO-FNW-9	8-1/2" [216 mm]	8-1/2" [216 mm]	14" [356 mm]	22-1/4" [565 mm]	Frosted Nickel/Birch	1	13.9 lbs. [6.3 kg.]

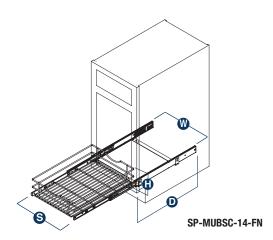
<sup>\*</sup> Total sliding assembly width is equal to total width of Side-Mount Basket application plus 5/8" [16 mm].





# Single-Tier Pull-Out Baskets

- Soft-close slide technology
- Basket pulls out completely for full access



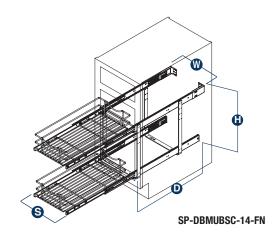
	Sliding Assembly	Ass	Assembled Product Dimensions				
Stock #	Width S	Width W	Height (H	Depth <b>D</b>	Finish	Units per Carton	Weight per Carton
simplyput	PULL-OUT BASKETS (FULL C	OLOR RETAIL PACKAGING)					
SP-MUBSC-11-FN	11-1/2" [292 mm]	11-1/2" [292 mm]	5-11/16" [144 mm]	20" [508 mm]	Frosted Nickel	1	8.4 lbs. [3.8 kg.]
SP-MUBSC-14-FN	14-1/2" [368 mm]	14-1/2" [368 mm]	5-11/16" [144 mm]	20" [508 mm]	Frosted Nickel	1	9.6 lbs. [4.4 kg.]
SP-MUBSC-17-FN	17-1/2" [445 mm]	17-1/2" [445 mm]	5-11/16" [144 mm]	20" [508 mm]	Frosted Nickel	1	10.8 lbs. [4.9 kg.]
SP-MUBSC-20-FN	20-1/2" [521 mm]	20-1/2" [521 mm]	5-11/16" [144 mm]	20" [508 mm]	Frosted Nickel	1	11.8 lbs. [ 5.4 kg.}





## Double-Tier Pull-Out Baskets

- Soft-close slide technology
- Top basket adjusts up or dow
- Both baskets slide separately for easy access

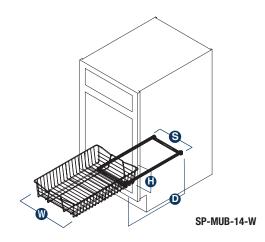


	Sliding Assembly	Ass	embled Product Dimen	sions			
Stock #	Width S	Width W	Height <b>(H</b> )	Depth <b>D</b>	Finish	Units per Carton	Weight per Carton
simplyput	DOUBLE-TIER PULL-OUT BAS	SKETS (FULL COLOR RETAIL	PACKAGING)				
SP-DBMUBSC-8-FN	8-1/2" [216 mm]	8-1/2" [216 mm]	14-11/16"-19-3/16" [297-487 mm]	22-1/8" [562 mm]	Frosted Nickel	1	19 lbs. [8.6 kg.]
SP-DBMUBSC-11-FN	11-1/2" [292 mm]	11-1/2" [292 mm]	14-11/16"-19-3/16" [297-487 mm]	22-1/8" [562 mm]	Frosted Nickel	1	21.4 lbs. [9.7 kg.]
SP-DBMUBSC-14-FN	14-1/2" [368 mm]	14-1/2" [368 mm]	14-11/16"-19-3/16" [297-487 mm]	22-1/8" [562 mm]	Frosted Nickel	1	26.2 lbs. [11.9 kg.]
SP-DBMUBSC-17-FN	17-1/2" [445 mm]	17-1/2" [445 mm]	14-11/16"-19-3/16" [297-487 mm]	22-1/8" [562 mm]	Frosted Nickel	1	26.2 lbs. [11.9 kg.]
SP-DBMUBSC-20-FN	20-1/2" [521 mm]	20-1/2" [521 mm]	14-11/16"-19-3/16" [297-487 mm]	22-1/8" [562 mm]	Frosted Nickel	1	28.6 lbs. [13.0 kg.]



#### Slide Out Basket

- Slides out for easy access
- Simple installation with just four screws

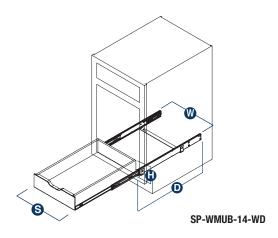


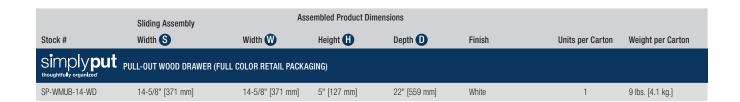




#### Pull-Out Wood Drawer

- Soft-close slide technology
- Cabinet drawer pulls out for full access
- Installs easily in just minutes

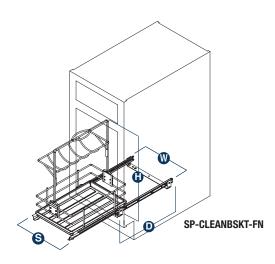


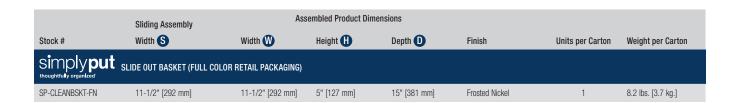




## Removable Cleaning Caddy

- Easily detach from the mounted slide system and take along
- Easy-to-clean bottom tray catches drips and spills
- Paper towel holder on top mounts on the left or right to accommodate plumbing.





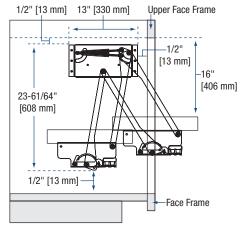


# HAL-20 with WAL13.5-1 (down position)

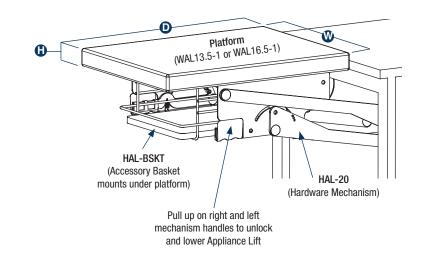


## Appliance Lift

- Assists with raising or lowering kitchen appliances using a gas cylinder and then locks securely into place
- Lift can be positioned at two different levels: flush with counter or 2" below counter
- For storage use only, do not use appliances on the lift



NOTE: Install 1/2" down and 1/2" back from upper Face Frame (as shown)

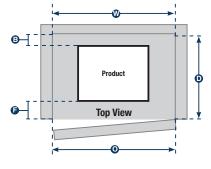


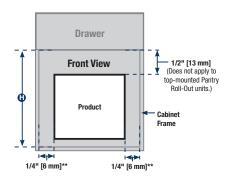
	Assembled Product Dimensions												
Stock #	Sliding Assembly Width S	Width W	Height 🚻	Depth <b>D</b>	Finish	Units per Carton	Weight per Carton						
APPLICANCE	LIFT PARTS												
HAL-20	Hardware Mechanism (left and right arm)	Platform Surface + 2-1/2" [64 mm]	23-61/64" [608 mm]	Maximum of 13" [330 mm] or Platform Depth	Platinum	1	13.7 lbs. [6.2 kg.]						
WAL13.5-1	13-1/2" Maple Block Platform	13-1/2" [343 mm]	1-1/2" [38 mm]	18" [457 mm]	Maple	1	9.9 lbs. [4.5 kg.]						
WAL16.5-1	16-1/2" Maple Block Platform	16-1/2" [419 mm]	1-1/2" [38 mm]	18" [457 mm]	Maple	1	12.3 lbs. [5.6 kg.]						
HAL-BSKT	Accessory Basket	9-7/8" [251 mm]	4-7/8" [124 mm]	12-7/8" [327 mm]	Black/Birch	1	4.2 lbs. [1.9 kg.]						

#### **Cabinet Dimensions**

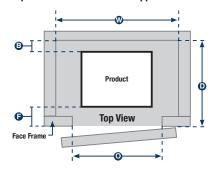
	Min. Cabinet Opening	М	in. Interior Cabinet Di	mensions	Min. Cabine	et Clearance
Stock #	Width <b>(</b>	Width W	Height* <b>H</b>	Depth <b>D</b>	Front <b>(F</b> )	Back <b>B</b>
SLIDE-OUT BASE BLIND CORNER UNI	ITS					
BCUS-LR-15-CH	15" [381 mm]	25-5/8" [651 mm]	20-1/4" [514 mm]	20-1/2" [521 mm]	1/4" [6 mm]	1/4" [6 mm]
POT & PAN CADDY						
SPS21-FN	20" [508 mm]	20" [508 mm]	14-3/4" [375 mm]	22-3/4" [578 mm]	1/4" [6 mm]	1/4" [6 mm]
SPS27-FN	26" [660 mm]	26" [660 mm]	14-3/4" [375 mm]	22-3/4" [578 mm]	1/4" [6 mm]	1/4" [6 mm]
WOOD & WIRE TRAY DIVIDER ROLL-0	DUTS					
TDRO-FNW-6	6" [152 mm]	6" [152 mm]	14-1/2" [368 mm]	22-3/4" [578 mm]	1/4" [6 mm]	1/4" [6 mm]
TDRO-FNW-9	9" [229 mm]	9" [229 mm]	14-1/2" [368 mm]	22-3/4" [578 mm]	1/4" [6 mm]	1/4" [6 mm]
APPLIANCE LIFT (SEE PAGE 167 FOR	ADDITIONAL CLEARANCES)					
HAL-20	Platform Width + 1" [25 mm]	Platform Width + 2-1/2" [64 mm]	25" [634 mm]	Minimum of 16-1/2" [419 mm] OR platform depth	1/2" [13 mm]	1/2" [13 mm]
PULL-OUT TOWEL BAR						
P793 ANO	5-5/16" [135 mm]	5-5/16" [135 mm]	1-13/16" [46 mm]	18-1/4" [464 mm]	1/4" [6 mm]	1/4" [6 mm]
TRAY DIVIDER ROLL-OUTS						
TDR06-W	6" [152 mm]	6-1/2" [165 mm]	20" [508 mm]	22-1/2" [572 mm]	1/4" [6 mm]	1/4" [6 mm]
TDR09-W	9" [229 mm]	9-1/2" [241 mm]	20" [508 mm]	22-1/2" [572 mm]	1/4" [6 mm]	1/4" [6 mm]

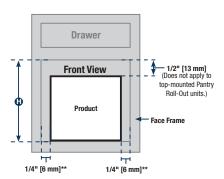
#### **Example of Frameless / Euro-Style Cabinet Application**





#### **Example of Face Frame Cabinet Application**





- \* Minimum Cabinet Opening Width AND Minimum Cabinet Interior Width equals total width of completely assembled unit with all baskets applied, plus 1/2" clearance per side (1" total clearance for center-mounted units, 1/2" side clearance for side-mounted units). Dimensions shown are recommended minimum cabinet dimensions and clearances.
- \*\* Slide-out Base Blind Corner Units and Base Cabinet Organizers require 1/2" side clearance on one side, not both.



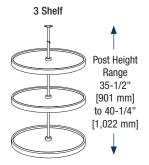
# Lazy Susans

Polymer Full-Round Lazy Susans	170
Polymer Door-Mount Lazy Susans	171
Polymer Kidney-Shaped Lazy Susans	171
Polymer Half-Moon Lazy Susans	172
Individual Hardware Replacement Parts	173
Lazy Susan Post Replacement Parts	173
Cabinet and Shelf Lip Dimensions	174
Lasy Susan Post Diagrams	176



# Polymer Full-Round Lazy Susans

- Polymer construction with double wall rim and strengthening ribs
- Rim height is 1"
- Standard pack includes shelves, one post, installation template and hardware
- Independently rotating shelves



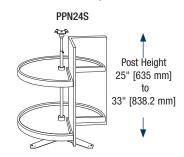
STANDAF	RD PACK	BULK	PACK	Diameter	Assemble	d Product Di	mensions	Min. Weight			STANDARD PACK		BULK PACK	
Stock #	Number of Shelves	Stock #	Number of Shelves	A	B	G	0	Cabinet Opening	Limit per Shelf	Finish	Units per Carton	Carton Weight	Units per Carton	Carton Weight
FULL-ROUND														
PFN18ST-W	2	-	-	18" [457.2 mm]	-	-	-	5-3/4" [146 mm]	30 lbs. [13.6 kg.]	White	1	8.4 lbs. [3.8 kg.]	-	-
PFN18S3T-W	3	-	-	18" [457.2 mm]	-	-	-	5-3/4" [146 mm]	30 lbs. [13.6 kg.]	White	1	12.1 lbs. [5.5 kg.]	_	-
PFN20ST-W	2	-	-	20" [508 mm]	-	-	-	6-3/4" [171 mm]	38 lbs. [17.1 kg.]	White	1	10.1 lbs. [4.6 kg.]	-	-
PFN20S3T-W	3	-	-	20" [508 mm]	-	-	-	6-3/4" [171 mm]	38 lbs. [17.1 kg.]	White	1	14.3 lbs. [6.5 kg.]	-	-
PFN24ST-W	2	-	-	24" [609.6 mm]	-	-	-	8-1/4" [210 mm]	55 lbs. [24.9 kg.]	White	1	12.1 lbs. [5.5 kg.]	-	-
PFN28ST-W	2	PFN28SBT-W*	10	28" [711.2 mm]	-	-	-	9-7/8" [251 mm]	78 lbs. [35.4 kg.]	White	1	15.5 lbs. [7.0 kg.]	5	74.4 lbs. [33.8 kg.]
PFN32ST-W	2	-	-	32" [812.8 mm]	-	-	-	11-1/2" [292 mm]	78 lbs. [35.4 kg.]	White	1	18.2 lbs. [8.3 kg.]	-	-

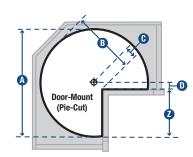
<sup>\*</sup> Bulk Packs include 25-1/2" [648 mm] - 31-1/2" [800 mm] posts and hardware.



## Polymer Door-Mount Lazy Susans

• Doors attach to Lazy Susan shelves for automatic shelf retrieval



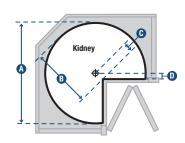


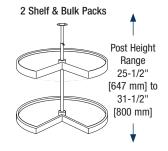
		Diameter		Assembled Prod	luct Dimensions				
Stock #	Number of Shelves	A	В	G	0	2	Finish	Units per Carton	Carton Weight
DOOR-MOUNT									
PPN24S-W	2	24" [609 mm]	14-1/4" [362 mm]	2-1/4" [57 mm]	1-5/8" [41 mm]	10-3/8" [264 mm]	White	1	10.7 lbs. [4.9 kg.]
PPN28S-W	2	28" [711 mm]	18-1/4" [464 mm]	4-1/4" [108 mm]	3-1/16" [78 mm]	10-15/16" [278 mm]	White	1	13.8 lbs. [6.3 kg.]



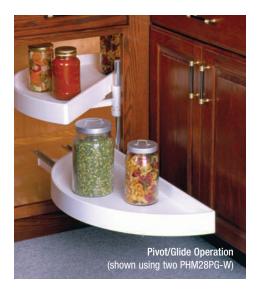
#### Polymer Kidney-Shaped Lazy Susans

- Polymer construction with double wall rim and strengthening ribs
- Rim height is 1"
- Standard pack includes shelves, one post, installation template and hardware
- Independently rotating shelves





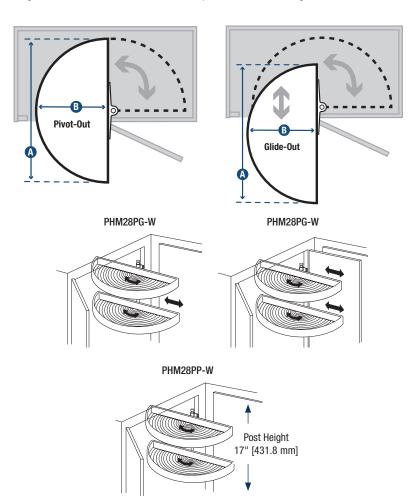
STANDA	RD PACK	BULK	PACK	Diameter	Assembled Product Dimensions		Min. Weight		Veight		RD PACK	BULK	PACK	
Stock #	Number of Shelves	Stock #	Number of Shelves	A	В	G	O	Cabinet Opening	binet Limit per	Finish	Units per Carton	Carton Weight	Units per Carton	Carton Weight
KIDNEY-SHAF	PED													
PKN18ST-W	2	-	-	18" [457 mm]	10-1/4" [260 mm]	1-1/4" [31 mm]	15/16" [24 mm]	-	23 lbs. [10.4 kg.]	White	1	7.9 lbs. [3.6 kg.]	-	-
PKN24ST-W	2	-	10	24" [609 mm]	14-1/4" [362 mm]	2-1/4" [57 mm]	1-5/8" [40 mm]	-	45 lbs. [20.4 kg.]	White	1	9.9 lbs. [4.5 kg.]	5	45.2 lbs. [20.5 kg.]
PKN28ST-W	2	PKN28SBT-W*	10	28" [711 mm]	18-1/4" [464 mm]	4-1/4" [107 mm]	3-1/16" [76 mm]	-	67 lbs. [30.4 kg.]	White	1	13 lbs. [5.9 kg.]	5	58.8 lbs. [26.7 kg.]
PKN32ST-W	2	-	-	32" [812 mm]	22-1/4" [565 mm]	6-1/4" [158 mm]	4-7/16" [112 mm]	-	93 lbs. [42.2 kg.]	White	1	13 lbs. [5.9 kg.]	-	-



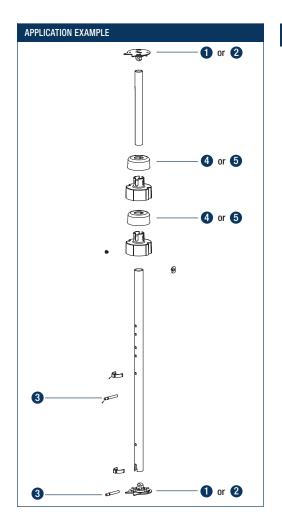


## Polymer Half-Moon Lazy Susans

- Shelves move independently on chrome 1" diameter post
- All models operate in both right- or left-handed applications
- Pivot/Pivot Operation: both shelves pivot out
- Pivot/Glide Operation: top shelf pivots out / bottom shelf pivots and glides out
- Glide/Glide Operation: both shelves pivot and glide out
- All glide-out shelves extend 11-3/4" on precision ball-bearing slides



Stock #	A	B	Finish	Units per Carton	Carton Weight						
PIVOT/PIVOT [TOP/BOTTOM] S	PIVOT/PIVOT [TOP/BOTTOM] SHELF MOTION										
PHM28PP-W	27-7/8" [708 mm]	13" [330 mm]	White	1	13 lbs. [5.9 kg.]						
PHM34PP-W	39-7/8" [1,013 mm]	16" [406 mm]	White	1	16.6 lbs. [7.5 kg.]						
PIVOT/GLIDE [TOP/BOTTOM] S	SHELF MOTION										
PHM28PG-W	27-7/8" [708 mm]	13" [330 mm]	White	1	16.5 lbs. [7.5 kg.]						
PHM34PG-W	33-7/8" [860 mm]	16" [406 mm]	White	1	20 lbs. [9.1kg.]						
PHM40PG-W	39-7/8" [1,013 mm]	19" [483 mm]	White	1	27.4 lbs. [12.4 kg.]						
GLIDE/GLIDE [TOP/BOTTOM] S	SHELF MOTION										
PHM28GG-W	27-7/8" [708 mm]	13" [330 mm]	White	1	19.8 lbs. [9.0 kg.]						
PHM34GG-W	33-7/8" [860 mm]	16" [406 mm]	White	1	22.1 lbs. [10.0 kg.]						
PHM40GG-W	39-7/8" [1,013 mm]	19" [483 mm]	White	1	30.8 lbs. [14.0 kg.]						

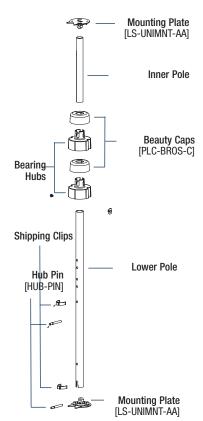


## Individual Hardware Replacement Parts

HUB-PIN	Stock #	Description	Units	Weight per Unit					
Bearing Pin for Lazy Susans	INDIVIDUA	INDIVIDUAL HARDWARE PARTS (SOLD PER UNIT)							
(F. D.) AV 15 11 D 1	HUB-PIN	Bearing Pin for Lazy Susans	1	0.5 lbs. [0.2 kg.]					
(For Polymer/Wood Full-Round, Kidney Door-Mount, and Single									

Shelf Lazy Susans)

#### For POLYMER Full-Round / Kidney Shelves



# Lazy Susan Post Replacement Parts

Standard Pack #	Pkd.	For Shelf Types(s)	Bearing Hubs	Beauty/ Post Caps	Mounting Plates	Post Height Range	STD. PK. Carton Weight	Bulk PK. Carton Weight		
POST HARDWARE PACKS: KIDNEY-SHAPED										
HN-K-TEL-PT	1	Polymer	White	Chrome	Metal Unimount	25-1/2" - 31-1/2" [635 mm - 787 mm]	1.9 lbs. [0.9 kg.]	9.5 lbs. [4.3 kg.]		

# Cabinet and Shelf Lip Dimensions

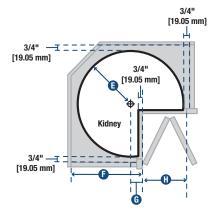
Stock #	G	•	G	0	0	•	ß	Mounting
POLYMER KIDNEY-SHA	APED LAZY SUSANS							
PKN18ST-W	9" [229 mm]	11-7/16" [291 mm]	1-11/16" [43 mm]	7-5/8" [194 mm]	1-3/4" [44 mm]	1" [25 mm]	1/2" - 1-5/16" [13 - 33 mm]	Top/Bottom
PKN24ST-W	12" [305 mm]	15-1/8" [384 mm]	2-3/8" [60 mm]	10" [254 mm]	1-3/4" [44 mm]	1" [25 mm]	1/2" - 1-5/16" [13 - 33 mm]	Top/Bottom
PKN28ST-W	14" [356 mm]	18-9/16" [471 mm]	3-13/16" [97 mm]	10-1/4" [260 mm]	1-3/4" [44 mm]	1" [25 mm]	1/2" - 1-5/16" [13 - 33 mm]	Top/Bottom
PKN32ST-W	16" [406 mm]	21-15/16" [557 mm]	5-3/16" [132 mm]	10-1/2" [267 mm]	1-3/4" [44 mm]	1" [25 mm]	1/2" - 1-5/16" [13 - 33 mm]	Top/Bottom

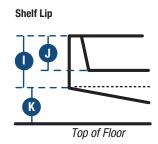
**E** = Radius

F = Min. Cabinet Depth

**G** = Center of Rotation

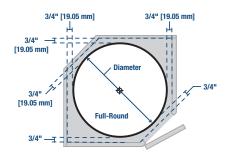
H = Min. Cabinet Opening





#### POLYMER FULL-ROUND LAZY SUSANS

A minimum 3/4" side clearance is recommended between Full-Round Lazy Susan shelves and all adjacent interior surfaces (cabinet, wall, etc.).



 $\label{lem:decomposition} \mbox{Dimensions shown are recommended minimum cabinet dimensions and clearances.}$ 

## Cabinet and Shelf Lip Dimensions



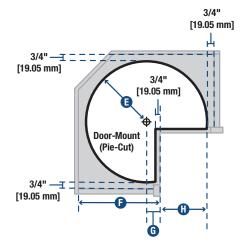


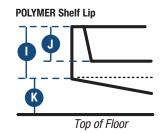
**=** Min. Cabinet Depth

**G** = Center of Rotation

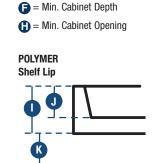
1 = Min. Cabinet Opening

1/4" Gap Between Face Frame and Door

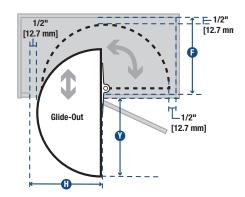


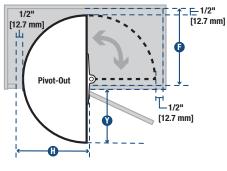


Stock #	6	•	0	0	<b>(</b>	V	Mounting
POLYMER HALF-MOON	LAZY SUSANS						
PHM28PP-W	16-1/4" [413 mm]	13-3/4" [349 mm]	2-1/2" [64 mm]	1-1/2" [38 mm]	2" [51 mm]	11-1/2" [292 mm]	Side/Bottom
PHM28PG-W	16-1/4" [413 mm]	13-3/4" [349 mm]	2-1/2" [64 mm]	1-1/2" [38 mm]	2-11/16" [68 mm]	23-1/4" [591 mm]	Side/Bottom
PHM34PG-W	19-1/4" [489 mm]	16-3/4" [425 mm]	2-1/2" [64 mm]	1-1/2" [38 mm]	2-11/16" [68 mm]	26-1/4" [667 mm]	Side/Bottom
PHM40PG-W	22-1/4" [565 mm]	19-3/4" [502 mm]	2-1/2" [64 mm]	1-1/2" [38 mm]	2-11/16" [68 mm]	29-1/4" [743 mm]	Side/Bottom
PHM28GG-W	16-1/4" [413 mm]	13-3/4" [349 mm]	2-1/2" [64 mm]	1-1/2" [38 mm]	2-11/16" [68 mm]	23-1/4" [591 mm]	Side/Bottom
PHM34GG-W	19-1/4" [489 mm]	16-3/4" [425 mm]	2-1/2" [64 mm]	1-1/2" [38 mm]	2-11/16" [68 mm]	26-1/4" [677 mm]	Side/Bottom
PHM40GG-W	22-1/4" [565 mm]	19-3/4" [502 mm]	2-1/2" [64 mm]	1-1/2" [38 mm]	2-11/16" [68 mm]	29-1/4" [743 mm]	Side/Bottom



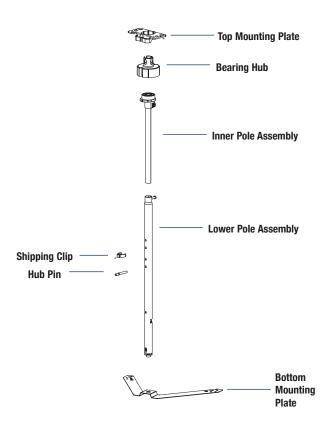
Top of Floor



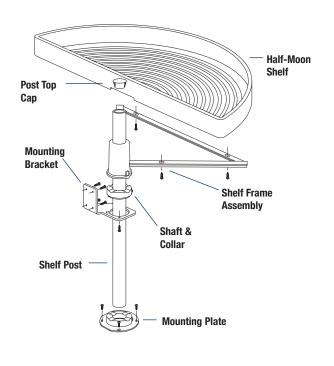


# Lasy Susan Post Diagrams

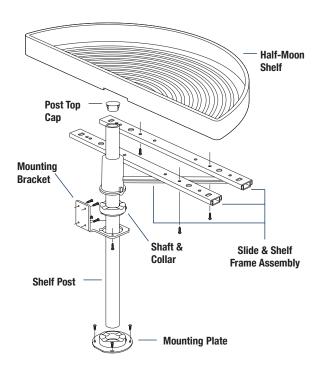
#### For POLYMER Door-Mount/Pie-Cut Lazy Susans



#### For POLYMER Pivot-Out Glide-Out Lazy Susan Shelves



#### For POLYMER Half-Moon Glide-Out Lazy Susan Shelves

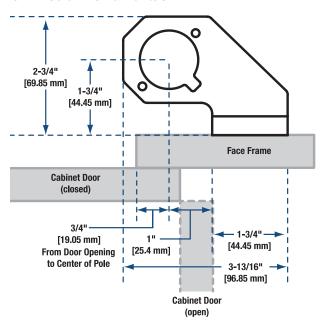


For illustration purposes diagrams on this page are shown with one shelf. See individual product pages for more information.

# Lazy Susan Post Diagrams

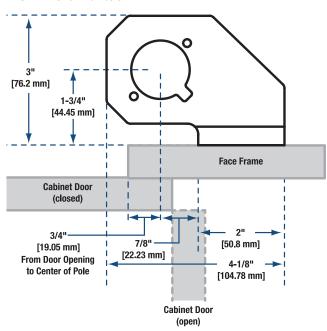
#### POLYMER HALF MOON HINGE BRACKETS

#### For PHM28 and PHM34 Part Numbers



NOTE: For frameless cabinet applications, move bracket 1-1/4" [31.75 mm] toward cabinet opening.

#### For PHM40 Part Numbers



NOTE: For frameless cabinet applications, move bracket 1-1/4" [31.75 mm] toward cabinet opening.



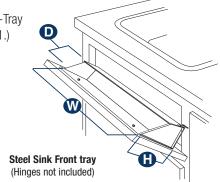
# Sink Front Trays

Steel Sink Front Trays	179
Polymer Sink Front Trays	180
Extruded Sink Front Trays	182
Scissor & Euro-Tray Hinges	183
Cabinet Dimensions	184



#### Steel Sink Front Trays

- 2" deep tray
- Designed for use with Scissor or Euro-Tray Hinges (Sold separately. See page 161.)
- For use with face frame or frameless (Euro-Style) cabinetry





#### Steel Sink Front Trays

#### (with stops)

- 1-5/8" built-in stop prevents items from tipping out
- Designed for use with standard self-closing hinges (not included) used on most cabinetry
- For use with face frame or frameless (Euro-Style) cabinetry



Stock #	Width W	Height* 🕕	Depth <b>D</b>	Finish	Units per Carton	Weight per Carton
STEEL SINK FRON	T TRAYS (WITHOUT STOPS)					
SF10	10-1/16" [256 mm]	3" [76 mm]	2" [51 mm]	Stainless Steel	10	4.7 lbs. [2.1 kg.]
SF11	11-5/16" [287 mm]	3" [76 mm]	2" [51 mm]	Stainless Steel	10	4.9 lbs. [2.2 kg.]
SF13	13-1/16" [332 mm]	3" [76 mm]	2" [51 mm]	Stainless Steel	10	5.6 lbs. [2.5 kg.]
SF14	14" [356 mm]	3" [76 mm]	2" [51 mm]	Stainless Steel	10	6.7 lbs. [3.0 kg.]
SF16	16-1/16" [408 mm]	3" [76 mm]	2" [51 mm]	Stainless Steel	10	7.1 lbs. [3.2 kg.]
SF19	19-1/16" [484 mm]	3" [76 mm]	2" [51 mm]	Stainless Steel	10	7.6 lbs. [3.4 kg.]
SF22	22-1/16" [560 mm]	3" [76 mm]	2" [51 mm]	Stainless Steel	10	8.9 lbs. [4.0 kg.]
SF25	25-1/16" [637 mm]	3" [76 mm]	2" [51 mm]	Stainless Steel	10	9.4 lbs. [4.2 kg.]
SF28	28-1/16" [713 mm]	3" [76 mm]	2" [51 mm]	Stainless Steel	10	10.4 lbs. [4.7 kg.]
SF31	31-1/16" [789 mm]	3" [76 mm]	2" [51 mm]	Stainless Steel	10	11.2 lbs. [5.0 kg.]
STEEL SINK FRON	T TRAYS (WITH STOPS)					
SF10W	11-5/8" [295 mm]	3" [76 mm]	3" [76 mm]	Stainless Steel	10	5 lbs. [2.3 kg.]
SF11W	12-7/8" [327 mm]	3" [76 mm]	3" [76 mm]	Stainless Steel	10	5.4 lbs. [2.4 kg.]
SF13W	14-5/8" [371 mm]	3" [76 mm]	3" [76 mm]	Stainless Steel	10	5.8 lbs. [2.6 kg.]
SF14W	15-9/16" [395 mm]	3" [76 mm]	3" [76 mm]	Stainless Steel	10	6.0 lbs. [2.7 kg.]
SF16W	17-5/8" [448 mm]	3" [76 mm]	3" [76 mm]	Stainless Steel	10	6.9 lbs. [3.1 kg.]
SF19W	20-5/8" [524 mm]	3" [76 mm]	3" [76 mm]	Stainless Steel	10	7.6 lbs. [3.4 kg.]
SF22W	23-5/8" [600 mm]	3" [76 mm]	3" [76 mm]	Stainless Steel	10	9.1 lbs. [4.1 kg.]
SF25W	26-5/8" [676 mm]	3" [76 mm]	3" [76 mm]	Stainless Steel	10	11.8 lbs. [5.4 kg.]
SF28W	29-5/8" [752 mm]	3" [76 mm]	3" [76 mm]	Stainless Steel	10	13.9 lbs. [6.3 kg.]
SF31W	32-5/8" [829 mm]	3" [76 mm]	3" [76 mm]	Stainless Steel	10	14.5 lbs. [6.6 kg.]

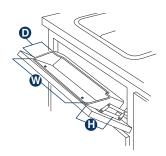
Uses two - #8 x 1/2 screws (not included).





## Polymer Sink Front Trays

- 2" deep tray
- Designed for use with Scissor or Euro-Tray Hinges (Sold separately. See page 161.)
- For use with face frame or frameless (Euro-Style) cabinetry



**Polymer Sink Front Tray** 

Stock #	Width <b>W</b>	Height* 🕕	Depth <b>D</b>	Finish	Ring Holder	Units per Carton	Weight per Carton
simply pur	<b>t</b> polymer sink front	TRAYS (FULL COLOR	RETAIL PACKAGING)				
SP-PSF-11-SH1-W	11" [279 mm]	3" [76 mm]	2" [51 mm]	White	No	5	4.2 lbs. [1.9 kg.]
SP-PSF-14-SH1-W	14" [356 mm]	3" [76 mm]	2" [51 mm]	White	No	5	4.6 lbs. [2.1 kg.]
POLYMER S	INK FRONT TRAYS						
PSF8.62-W	8-5/8" [219 mm]	3" [76 mm]	2" [51 mm]	White	No	10	2.9 lbs. [1.3 kg.]
PSF11-PF-W	11" [279 mm]	3" [76 mm]	1-5/8" [41 mm]	White	No	10	3.3 lbs. [1.5 kg.]
PSF11-W	11" [279 mm]	3" [76 mm]	2" [51 mm]	White	No	10	3 lbs. [1.4 kg.]
PSF11RS-W	11" [279 mm]	3" [76 mm]	2" [51 mm]	White	Yes	10	3.1 lbs. [1.4 kg.]
PSF14-PF-W	14" [356 mm]	3" [76 mm]	1-5/8" [41 mm]	White	No	10	3.6 lbs. [1.6 kg.]
PSF14-W	14" [356 mm]	3" [76 mm]	2" [51 mm]	White	No	10	3.5 lbs. [1.5 kg.]
PSF14RS-W	14" [356 mm]	3" [76 mm]	2" [51 mm]	White	Yes	10	3.6 lbs. [1.6 kg.]
PSF2425-W	24-3/8" [619 mm]	3" [76 mm]	2" [51 mm]	White	No	10	6.2 lbs. [2.8 kg.]
PSF3025-W	30-7/16" [773 mm]	3" [76 mm]	2" [51 mm]	White	No	10	7.2 lbs. [3.3 kg.]



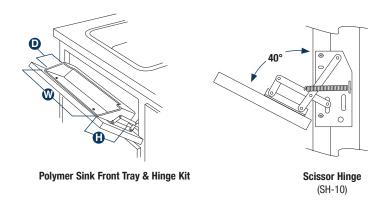
# PSF1 SH-2-W (Hinges included)



Kits include 2 pairs of Scissor Hinges (SH-10)

#### Polymer Sink Front Trays & Hinge Kits

- 1-5/8" deep tray is ideal for solid surface countertops with large deep sink applications
- For use with face frame or frameless (Euro-Style) cabinetry
- Two trays, two pairs of Scissor Hinges (SH-1) with hardware and instructions included



Stock #	Width W	Height* <b>H</b>	Depth <b>D</b>	Finish	Kits per Carton	Weight per Carton			
POLYMER SINK FRONT TRAYS & HINGE KITS									
PSF11-PF-SH-2-W	11" [279 mm]	3" [76 mm]	1-5/8" [41 mm]	White	10	1.6 lbs. [0.7 kg.]			
PSF11SH-2-W	11" [279 mm]	3" [76 mm]	2" [51 mm]	White	40	1.8 lbs. [0.8 kg.]			
PSF14-PF-SH-2-W	14" [356 mm]	3" [76 mm]	1-5/8" [41 mm]	White	10	2.0 lbs. [0.9 kg.]			
PSF14SH-2-W	14" [356 mm]	3" [76 mm]	2" [51 mm]	White	21	2.2 lbs. [1.0 kg.]			

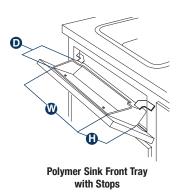




#### Polymer Sink Front Trays

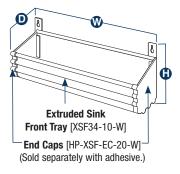
#### (with stops)

- Designed for use with Scissor or Euro-Tray Hinges (Sold separately. See page 161.)
- For use with face frame or frameless (Euro-Style) cabinetry
- Built-in stops prevent items from tipping out



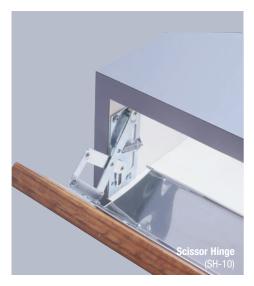
#### **Extruded Sink Front Trays**

- Extruded Sink Front Tray (cut-to-fit 34" or 72" widths)
- For face frame or frameless (Euro-Style) cabinetry
- Designed for use with Scissor or Euro-Tray Hinges (Sold separately. See page 161.)
- Easy-to-clean, durable white PVC



Stock #	Width W	Height* 🕕	Depth <b>D</b>	Finish	Units per Carton	Weight per Carton
POLYMER SINK FRONT	TRAYS WITH STOPS*					
PSF11W-W	12-3/8" [314 mm]	3" [76 mm]	2-3/4" [70 mm]	White	10	3.3 lbs. [1.5 kg.]
PSF14W-W	15-3/8" [391 mm]	3" [76 mm]	2-3/4" [70 mm]	White	10	3.6 lbs. [1.6 kg.]
EXTRUDED SINK FROM	IT TRAYS					
XSF34-10-W	33-3/4" [857 mm]	4" [102 mm]	2-1/8" [60 mm]	White	10	6.9 lbs. [3.1 kg.]
XSF72-10-W	72" [1,829 mm]	4" [102 mm]	2-1/8" [60 mm]	White	10	15.7 lbs. [7.1 kg.]
HP-XSF-EC-20-W	3/4" [19 mm]	4" [102 mm]	2-3/8" [60 mm]	White	20 pairs	2.2 lbs. [1 kg.]

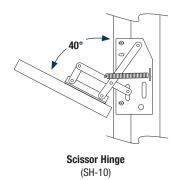
Uses two - #8 x 1/2 screws (not included).

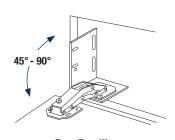




### Scissor & Euro-Tray Hinges

- Scissor Hinges are spring-loaded and self-closing with internal stop
- For use with face frame or frameless (Euro-Style) cabinetry
- Mounting hardware and instructions included
- Not intended for full overlay or inset cabinet applications



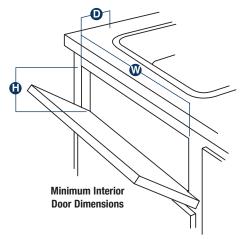


Euro-Tray Hinge (ET-H-N)

Stock #	Width W	Height* <b>H</b>	Depth <b>D</b>	Finish	Units per Carton	Weight per Carton
SCISSOR HINGES						
SH-1-S/P	3-13/16" [97 mm]	2-7/8" [73 mm]	1-7/8" [48 mm]	Nickel-Plated	1 pair	1 lbs. [0.5 kg.]
SH-10	3-13/16" [97 mm]	2-7/8" [73 mm]	1-7/8" [48 mm]	Nickel-Plated	10 pair	5.1 lbs. [2.3 kg.]
SH-40	3-13/16" [97 mm]	2-7/8" [73 mm]	1-7/8" [48 mm]	Nickel-Plated	40 pair	20 lbs. [9.1 kg.]
EURO-TRAY HINGES						
ET-H-N	2-7/8" [73 mm]	3-3/4" [95 mm]	2-1/4" [57 mm]	Nickel-Plated	10 pair	6.4 lbs. [2.9 kg.]

Uses two - #8 x 1/2 screws (not included).

#### **Cabinet Dimensions**



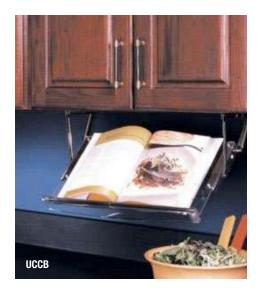
Stock #	Height <b>H</b>	Width W (Scissor Hinges)	Width <b>W</b> (Euro-Tray Hinges)	Depth <b>D</b>
POLYMER SIN	K FRONT TRAYS			
PSF8.62-W	3-1/2" [89 mm]	10-1/8" [257 mm]	12-7/8" [327 mm]	2-1/2" [64 mm]
PSF11-PF-W	3-1/2" [89 mm]	12-1/2" [318 mm]	15-1/4" [387 mm]	2-1/8" [54 mm]
PSF11-W	3-1/2" [89 mm]	12-1/2" [318 mm]	15-1/4" [387 mm]	2-1/2" [64 mm]
PSF11RS-W	3-1/2" [89 mm]	12-1/2" [318 mm]	15-1/4" [387 mm]	2-1/2" [64 mm]
PSF14-PF-W	3-1/2" [89 mm]	15-1/2" [394 mm]	18-1/4" [464 mm]	2-1/8" [54 mm]
PSF14-W	3-1/2" [89 mm]	15-1/2" [394 mm]	18-1/4" [464 mm]	2-1/2" [64 mm]
PSF14RS-W	3-1/2" [89 mm]	15-1/2" [394 mm]	18-1/4" [464 mm]	2-1/2" [64 mm]
PSF2425-W	3-1/2" [89 mm]	25-7/8" [657 mm]	28-5/8" [727 mm]	2-1/2" [64 mm]
PSF3025-W	3-1/2" [89 mm]	31-15/16" [811 mm]	34-11/16" [881 mm]	2-1/2" [64 mm]
EXTRUDED SI	NK FRONT TRAYS (I	DIMENSIONS INCLUDE I	HP-XSF-EC-20-W END C	APS)
XSF34-10-W	4-1/2" [114 mm]	35-1/2" [902 mm]	38-1/4" [972 mm]	2-7/8" [114 mm]
XSF72-10-W	4-1/2" [114 mm]	73-3/4" [1,873 mm]	76-1/2" [1,943 mm]	2-7/8" [114 mm]

Stock #	Width W	Height* <b>(H</b> )	Depth <b>D</b>
STEEL SINK FRONT T	RAYS (WITHOUT STO	OPS)	
SF10	3" [76 mm]	10-1/16" [256 mm]	2" [51 mm]
SF11	3" [76 mm]	11-5/16" [287 mm]	2" [51 mm]
SF13	3" [76 mm]	13-1/16" [332 mm]	2" [51 mm]
SF14	3" [76 mm]	14" [356 mm]	2" [51 mm]
SF16	3" [76 mm]	16-1/16" [408 mm]	2" [51 mm]
SF19	3" [76 mm]	19-1/16" [484 mm]	2" [51 mm]
SF22	3" [76 mm]	22-1/16" [560 mm]	2" [51 mm]
SF25	3" [76 mm]	25-1/16" [637 mm]	2" [51 mm]
SF28	3" [76 mm]	28-1/16" [713 mm]	2" [51 mm]
SF31	3" [76 mm]	31-1/16" [789 mm]	2" [51 mm]
STEEL SINK FRONT T	RAYS (WITH STOPS)		
SF10W	3" [76 mm]	11-5/8" [295 mm]	3" [76 mm]
SF11W	3" [76 mm]	12-7/8" [327 mm]	3" [76 mm]
SF13W	3" [76 mm]	14-5/8" [371 mm]	3" [76 mm]
SF14W	3" [76 mm]	15-9/16" [395 mm]	3" [76 mm]
SF16W	3" [76 mm]	17-5/8" [448 mm]	3" [76 mm]
SF19W	3" [76 mm]	20-5/8" [524 mm]	3" [76 mm]
SF22W	3" [76 mm]	23-5/8" [600 mm]	3" [76 mm]
SF25W	3" [76 mm]	26-5/8" [676 mm]	3" [76 mm]
SF28W	3" [76 mm]	29-5/8" [752 mm]	3" [76 mm]
SF31W	3" [76 mm]	32-5/8" [829 mm]	3" [76 mm]
POLYMER SINK FROM	IT TRAYS & HINGE K	ITS (DIMENSIONS INCLUD	E HINGE KITS)
PSF11-PF-SH-2-W	3" [76 mm]	11" [279 mm]	1-5/8" [41 mm]
PSF11SH-2-W	3" [76 mm]	11" [279 mm]	2" [51 mm]
PSF14-PF-SH-2-W	3" [76 mm]	14" [356 mm]	1-5/8" [41 mm]
PSF14SH-2-W	3" [76 mm]	14" [356 mm]	2" [51 mm]
POLYMER SINK FROM	IT TRAYS WITH STOF	PS*	
PSF11W-W	3" [76 mm]	12-3/8" [314 mm]	2-3/4" [70 mm]
PSF14W-W	3" [76 mm]	15-3/8" [391 mm]	2-3/4" [70 mm]
SCISSOR HINGES			
SH-1-S/P	3-13/16" [97 mm]	2-7/8" [73 mm]	1-7/8" [48 mm]
SH-10	3-13/16" [97 mm]	2-7/8" [73 mm]	1-7/8" [48 mm]
SH-40	3-13/16" [97 mm]	2-7/8" [73 mm]	1-7/8" [48 mm]
EURO-TRAY HINGES			
ET-H-N	2-7/8" [73 mm]	3-3/4" [95 mm]	2-1/4" [57 mm]



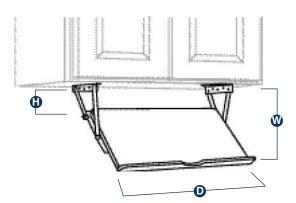
# Specialty Storage

Retractable Under-Cabinet Cookbook/Tablet Tray	186
Wine Accessories	186
Tray Divider	187
Iron Holder	187
Cabinet Dimensions	188



# Retractable Under-Cabinet Cookbook/Tablet Tray

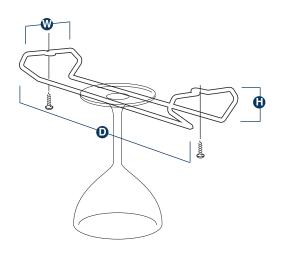
- Keep cookbooks at eye level, up and out of workspace and spills.
- Designed to fit underneath wall cabinets 24" and wider.





#### Wine Accessories

• Economical and stemware displays



Stemware Holder

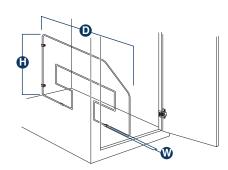
		Individual Product Dim	ensions				
Stock #	Width W	Height 🕕	Depth <b>D</b>	Number of Rings	Finish	Units per Carton	Weight per Carton
RETRACTABLE UNDE	R-CABINET COOKBOOK/TA	BLET TRAY					
UCCB	10" [254 mm]	3" [76 mm]	19-3/4" [502 mm]	-	Clear	10	40 lbs. [18.1 kg.]
STEMWARE HOLDER	s						
ST11.50-FN	4" [102 mm]	2" [51 mm]	11-9/16" [294 mm]	-	Platinum	10	3.5 lbs. [1.6 kg.]
ST11.50-C	4" [102 mm]	2" [51 mm]	11-9/16" [294 mm]	-	Chrome	10	3.5 lbs. [1.6 kg.]



## Tray Divider

- Available in 12" and 18" heights
- Installs easily with four attachment clips

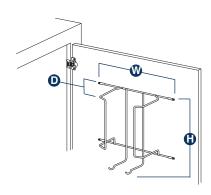






#### Iron Holder

- Can be installed on cabinet door above or below ironing board so iron will be readily available
- Conveniently stores iron when not in use

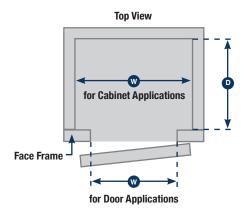


		Assembled Product Dimer	Finish			
Stock #	Width W	Height (H)	Depth <b>D</b>	[Wire / Bin]	Units per Carton	Weight per Carton
TRAY DIVIDER						
TD12-1-FN	15/16" [24 mm]	12" [205 mm]	19-1/2" [495 mm]	Frosted Nickel	1	2 lbs. [0.9 kg.]
TD12-FN	15/16" [24 mm]	12" [205 mm]	19-1/2" [495 mm]	Frosted Nickel	10	14.1 lbs. [6.4 kg.]
TD18-1-FN	15/16" [24 mm]	18" [457 mm]	19-1/2" [495 mm]	Frosted Nickel	1	2.2 lbs. [1.0 kg.]
TD18-FN	15/16" [24 mm]	18" [457 mm]	19-1/2" [495 mm]	Frosted Nickel	10	17.2 lbs. [7.8 kg.]
TD12-W	15/16" [24 mm]	12" [205 mm]	19-1/2" [495 mm]	White	10	14.1 lbs. [6.4 kg.]
TD18-1-W	15/16" [24 mm]	18" [457 mm]	19-1/2" [495 mm]	White	1	2.2 lbs. [1.0 kg.]
TD18-W	15/16" [24 mm]	18" [457 mm]	19-1/2" [495 mm]	White	10	17.2 lbs. [7.8 kg.]
IRON HOLDER						
IH-FN	8-1/8" [206 mm]	8-5/16" [211 mm]	5-1/8" [130 mm]	Frosted Nickel	1	0.9 lbs. [0.4 kg.]

#### **Cabinet Dimensions**



#### **Example of Face Frame Cabinet and Door Application**



Pront View

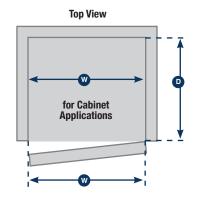
Drawer

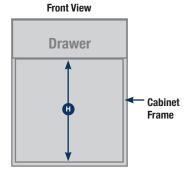
Face Frame

for Door Applications

Applications

#### **Example of Frameless / Euro-Style Cabinet and Door Application**





Dimensions shown are recommended minimum cabinet and door dimensions.



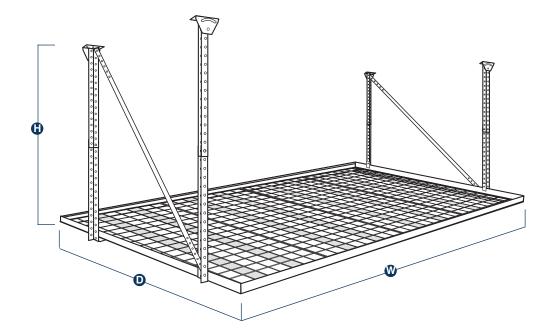
# Garage Organization

Super Pro <sup>™</sup> 96" x 48" Ceiling Storage Unit	0
Super Pro <sup>™</sup> 96" x 24" Ceiling Storage Unit	1
HyLoft® 45" x 45" Ceiling Storage Unit19	2
HyLoft® 60" x 45" Ceiling Storage Unit	3
HyLoft® 96" x 48" Ceiling Storage Unit19	4
HyLoft® 34" x 26" Ceiling Storage Rack19	5
HyLoft® Add-On Hook	6
HyLoft® Add-On Rack	6
HyLoft® 48" x 24" Wall Storage Unit (2-Shelf)	7
HyLoft® 45" x 15" Wall Storage Unit (2-Shelf)	8
HyLoft® 36" x 18" Wall Storage Unit (2-Shelf)	9
HyLoft® Heavy-Duty TireLoft™20	0
HyLoft® TireLoft™ 20	1
HyLoft® Folding TireLoft™ 20	2



## Super Pro<sup>™</sup> 96" x 48" Ceiling Storage Unit

- The Super Pro 96" X 48" Ceiling Storage Unit is the largest, strongest and most versatile ceiling-mounted storage unit on the market
- The unique design and floating rail system allow for installation in any garage, with any ceiling truss design, even on pitched ceilings. The down-rod supports can be installed anywhere along the 96" or 48" frame rail and adjust from 24" to 44" in height. Accommodates space-saving HyLoft® Add-On Hooks and Add-On Racks
- Made of strong, durable steel with attractive, scratch resistant finishes.
- Holds up to 600 lbs. evenly distributed
- This item ships in two cartons: One measures 5" x 49" x 5" and the second measures 96" x 3" x 3" and contains the rails



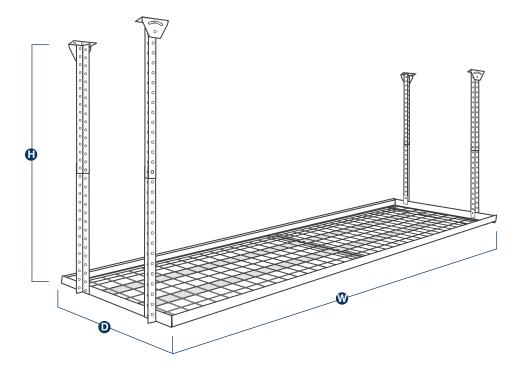


	Individual Product Dimensions						ons
Stock #	Width W	Adjustable Height 🕕	Depth <b>D</b>	Finish	Units per Carton	Carton 1	Carton 2
SUPER PRO 96" X 48	" CEILING STORAGE UNIT						
00164	96" [243.8cm]	24"-44" [61.0-111.8cm]	24" [61cm]	White	1	21 lbs. [9.5 kg.]	70 lbs. [31.8 kg.]
00199	96" [243.8cm]	24"-44" [61.0-111.8cm]	24" [61cm]	Hammertone	1	21 lbs. [9.5 kg.]	70 lbs. [31.8 kg.]



## Super Pro<sup>™</sup> 96" x 24" Ceiling Storage Unit

- The Super Pro 96" X 24" Ceiling Storage Unit is intended for tight areas with a minimum of 24" of space
- The unique design and floating rail system allow for fast installation and the ability
  to install in any garage, even on pitched ceilings. The down-rod supports can be
  installed anywhere along the 96" or 24" frame rails and adjust from 24" to 44" in
  height. Accommodates space-saving HyLoft® Add-on Hooks
- Made of durable steel with an attractive, scratch resistant powder coat finish in white
- Holds up to 300 lbs. evenly distributed
- This item ships in two cartons: one measures 25" x 49" x 5" and the second measures 96" x 3" x 3" and contains the rails



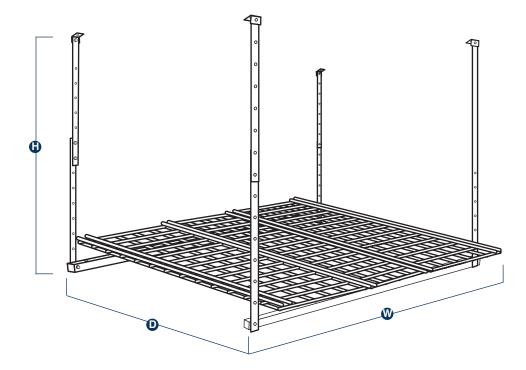


Individual Product Dimensions							ons
Stock #	Width W	Adjustable Height H	Depth <b>D</b>	Finish	Units per Carton	Carton 1	Carton 2
SUPER PRO 96" X	24" CEILING STORAGE UNIT						
00181	96" [243.8cm]	24"-44" [61.0-111.8cm]	24" [61cm]	White	1	21 lbs. [9.5 kg.]	44 lbs. [20 kg.]



# HyLoft® 45" x 45" Ceiling Storage Unit

- The 45" x 45" Ceiling Storage Unit is ideal for storing large, bulky items like holiday decorations, luggage, coolers and more
- Add it to the garage, basement, attic, closet, office or any place you need extra storage
- Height adjustable from 17" to 28" and accommodates all space-saving HyLoft accessories
- Made of strong, durable steel with attractive, scratch resistant finishes
- Holds up to 250 lbs. evenly distributed
- Product design includes adjustability for easy installation on both flat and vaulted ceiling trusses
- This product is 75% pre-assembled to make installation that much easier
- Provides over 30 cubic feet of storage space



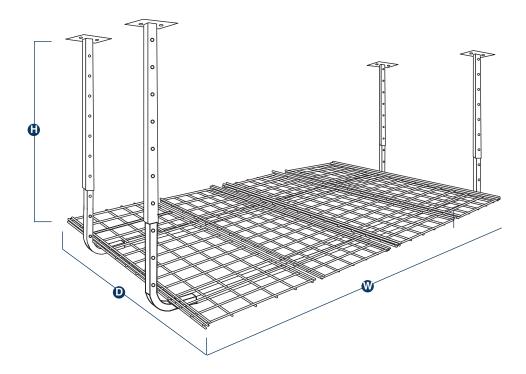


		Individual Product Dimensions	:				
Stock #	Width W	Adjustable Height <b>H</b>	Depth <b>D</b>	Finish	Units per Carton	Weight per Carton	
45" X 45" CEILING S	STORAGE UNIT						
00540	45" [114.3cm]	17"-28" [43.2cm-71.1cm]	45" [114.3cm]	White	1	26 lbs. [12.7 kg.]	
00625	45" [114.3cm]	17"-28" [43.2cm-71.1cm]	45" [114.3cm]	Hammertone	1	26 lbs. [12.7 kg.]	



# HyLoft® 60" x 45" Ceiling Storage Unit

- The 60" x 45" Ceiling Storage Unit is is ideal for storing large, bulky items like holiday decorations, luggage, coolers and more. Add it to the garage, basement, attic, closet, office or any place you need extra storage
- It's height adjustable from 31" to 41" and accommodates space-saving HyLoft® Add-On Hooks and Add-On Racks
- Made of durable steel with an attractive, scratch resistant powder coat finish
- Holds up to 300 lbs. evenly distributed
- Provides over 64 cubic feet of storage space



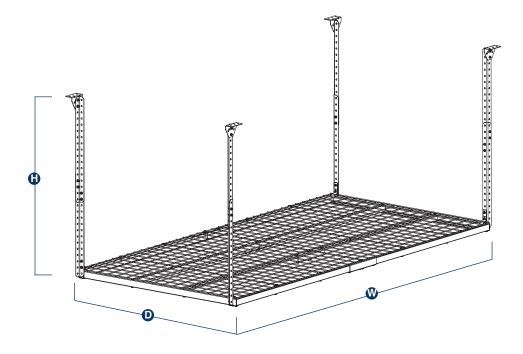


		Individual Product Dimensions					
Stock #	Width W	Adjustable Height (H)	Depth <b>D</b>	Finish	Units per Carton	Weight per Carton	
60" X 45" CEILING	STORAGE UNIT						
50175-10	60" [51.4cm]	31"-41" [76.2cm-104.1cm]	45" [114.3cm]	White	1	46 lbs. [20.9 kg.]	



# HyLoft® 96" x 48" Ceiling Storage Unit

- The HyLoft 48" x 96" Ceiling Storage Unit features a unique design and floating rail system that allows for fast installation
- The down-rod supports can be installed anywhere along the 96" or 24" frame rails and are height-adjustable from 24" to 44"
- Space-saving HyLoft Add-on Storage Hooks can be used with this item for increased storage and organization
- HyLoft's unique storage system units can be strategically placed throughout your garage, basement, attic, in closets, offices or any other room that in need of more storage in order to fully utilize available space
- Made of durable steel with an attractive, scratch-resistant black powder coated finish
- Holds up to 300 lbs. evenly distributed
- Provides over 117 cubic feet of storage space
- Product design includes adjustability for easy installation on both flat and vaulted ceilings
- Patented design



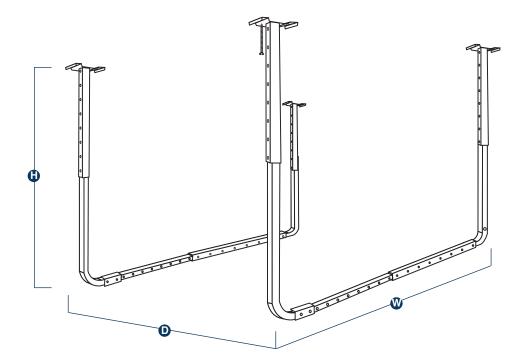


		Individual Product Dimensions							
Stock #	Width W	Adjustable Height 🕕	Depth <b>D</b>	Finish	Units per Carton	Weight per Carton			
96" X 48" CEILING S	96" X 48" CEILING STORAGE UNIT								
00163-BLK	96" [243.8cm]	24"-44" [61.0mm-111.8cm]	48" [121.9mm]	Black	1	76 lbs. [34.5 kg.]			



# HyLoft® 34" x 26" Ceiling Storage Rack

- The adjustable 34" x 26" Ceiling Storage Rack Provides easy out-of-the-way storage for long-handled tools, lumber, kayaks and more
- Commonly used in the garage, basement, attic, under decks and porches or any place you need extra storage
- These units adjust to accommodate any ceiling joist configuration and can be used with or without a platform (not included)
- The rack is width adjustable from 24" to 34" and height adjustable from 17" to 26"
- With its unique ceiling mount, the rack also can be attached to an existing HyLoft<sup>®</sup>
   Ceiling Storage Unit, creating a second tier of storage
- Made of durable steel with an attractive, scratch resistant powder coat finish
- Holds up to 200 lbs. per pair of racks





		Individual Product Dimensions				
Stock #	Adjustable Width W	Adjustable Height <b>(H</b> )	Depth <b>D</b>	Finish	Units per Carton	Weight per Carton
34" X 26" CEILING STORA	GE RACK					
80842-10	24"-34" [61.0-86.4cm]	17"-26" [43.2cm-66.0cm]	Variable	White	1	61 lbs. [27.7 kg.]
80844-10	24"-34" [61.0-86.4cm]	17"-26" [43.2cm-66.0cm]	Variable	Hammertone	1	61 lbs. [27.7 kg.]



### HyLoft® Add-On Hook

- Add-On Hooks provide endless ways to maximize storage space and keep miscellaneous items off the floor and out of the way with HyLoft® Ceiling and Wall Storage Units
- Hang bikes, tools, sporting goods, lawn chairs and much more
- · No tools are required for instant strong, safe and secure storage
- Made of strong, durable steel with attractive, scratch resistant finishes
- Sold in packs of 4 hooks



## HyLoft® Add-On Rack

- Add-on Racks provide endless ways to maximize storage space and keep miscellaneous items off the floor and out of the way with HyLoft<sup>®</sup> Ceiling and Wall Storage Units
- Store tools, skis and other sporting goods, lumber and much more
- · No tools are required for instant strong, safe and secure storage
- Made of strong, durable steel with attractive, scratch resistant finish
- Sold in pair packs

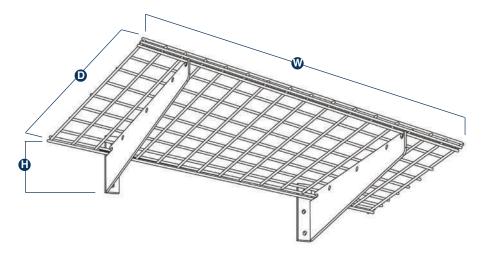


	Individual Product Dimensions									
Stock #	Width W	Height <b>H</b>	Depth <b>D</b>	Finish	Units per Carton	Weight per Carton				
ADD-ON HOOK										
00212	.4" [1cm]	7.4" [18.8cm]	3.9" [9.9cm]	White	10 sets of 4 hooks	1.4 lbs. [.64 kg.]				
00682	.4" [1cm]	7.4" [18.8cm]	3.9" [9.9cm]	Hammertone	10 sets of 4 hooks	1.4 lbs. [.64 kg.]				
ADD-ON RACK										
00656	32" [81.3cm]	10" [25.4cm]	.3" [.76cm]	Hammertone	5 pairs	4.3 lbs. [2 kg.]				



# HyLoft® 48" x 24" Wall Storage Unit (2-Shelf)

- The 48" x 24" Wall Storage Unit makes the most of that unused wall space in the garage, closet, basement, laundry room, shed and more
- Shelves can be installed stacked or side by side on finished or unfinished walls
- Low-profile brackets increase storage area
- Made of durable steel with an attractive, scratch resistant powder coated white finish
- Compatible with all HyLoft® accessories
- Stores up to 150 lbs. per shelf
- Kit includs two shelves and four mounting brackets



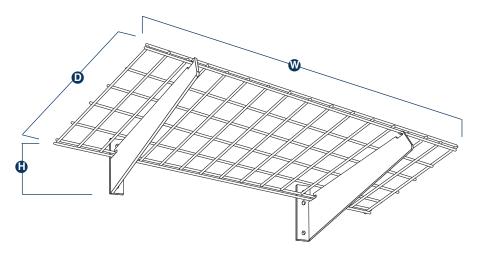


Individual Product Dimensions									
Stock #	Width W	Height <b>(†)</b>	Depth <b>D</b>	Finish	Units per Carton	Weight per Carton			
48" X 24" WALL S	48" X 24" WALL STORAGE UNIT (2-SHELF)								
00630	48" [121.9cm]	5.5" [14cm]	24" [ cm]	White	1	31 lbs. [14.1kg.]			



# HyLoft® 45" x 15" Wall Storage Unit (2-Shelf)

- The 45" x 15" Wall Storage Unit makes the most of that unused wall space in the garage, closet, basement, laundry room, shed and more
- Shelves can be installed side by side or stacked on finished or unfinished walls. Low-profile brackets increase storage area
- Made of durable steel with attractive, scratch resistant finishes
- Compatible with all HyLoft® accessories
- Stores up to 200 lbs. per shelf
- Kit includs two shelves and four mounting brackets



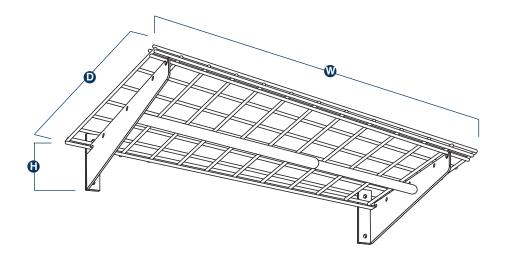


		I	Individual Produ	ct Dimensions	;				
Stock #	Width	W H	eight	<b>(1)</b>	Depth <b>D</b>	Finish	Units per Carton	Weight per Carton	
45" X 15" WALL ST	TORAGE UNIT (2-SHELF)								
00967	45" [114.3cm]	5.	.5" [14cm]		15" [38.1cm]	White	1	25 lbs. [11.3 kg.]	
00651	45" [114.3cm]	5.	.5" [14cm]		15" [38.1cm]	Hammertone	1	25 lbs. [11.3 kg.]	



# HyLoft® 36" x 18" Wall Storage Unit (2-Shelf)

- The 36" x 18" Wall Storage Unit makes the most of that unused wall space in the garage, closet, basement, laundry room, shed and more
- Shelves can be installed stacked or side by side on finished or unfinished walls.
   Low-profile brackets increase storage area and removable clothing rod builds in versatility
- Hang rods provide additional convenient storage capability
- Made of durable steel with an attractive, scratch resistant power coated
- Compatible with all HyLoft® accessories
- Stores up to 150 lbs. per shelf
- Kit includes two shelves, four mounting brackets and two hang rods



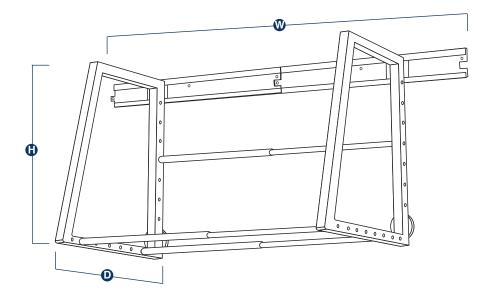


		Individual Product Dim	ensions						
Stock #	Width W	Height (H)	Depth <b>D</b>	Finish	Units per Carton	Weight per Carton			
36" X 18" WALL STORAGE UNIT (2-SHELF)									
00777	36" [91.4cm]	5.5" [14cm]	18" [45.7cm]	White	1	24 lbs. [10.9kg.]			



## HyLoft® Heavy-Duty TireLoft™

- The Heavy-Duty TireLoft<sup>™</sup>, multi-tire storage unit is a great solution for storing all types of auto and truck tires and seasonal or recreational tires, ATV tires, race tires and wheels
- Installation is simple: The Master Rail<sup>™</sup> attaches to the wall studs on finished or unfinished walls and the support frames attach into the Master Rail. The support frames can then slide left and right (even after installation)
- The TireLoft accommodates various tire sizes as the telescopic chrome tubes can be adjusted in width and depth
- The TireLoft is made entirely of strong, durable steel and adjustable width from 34" to 58". Black finish with chrome support tubes
- Weight load capacity up to 400 lbs



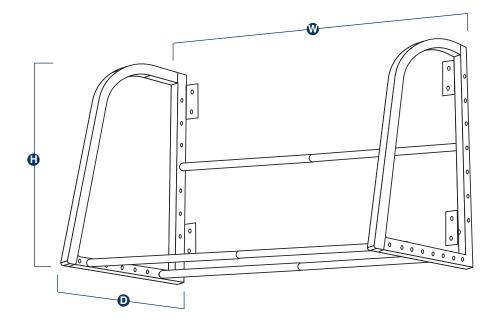


Individual Product Dimensions							
Stock #	Adjustable Width W	Height <b>(†)</b>	Depth <b>D</b>	Finish	Units per Carton	Weight per Carton	
HEAVY-DUTY TIRELOFT							
01000	34"-58" [86.4-147.3cm]	28.2" [71.6cm]	28.1" [71.4cm]	Black / Chrome	1	50 lbs. [22.7 kg.]	



#### HyLoft<sup>®</sup> TireLoft<sup>™</sup>

- The TireLoft<sup>™</sup> is a great solution for storing all types of tires; auto, truck or seasonal. Also ideal for recreational tires such as motorcycle, ATV tires and racing tires and wheels
- The installation is quick and simple: The two steel end frames attach directly to the wall studs on finished or unfinished walls
- The TireLoft is made entirely of strong, powder coated steel and will accommodate up to four large tires
- Can be mounted at adjustable widths of 36" or 48" and features a red finish with silver support tubes
- Weight load capacity up to 375 lbs



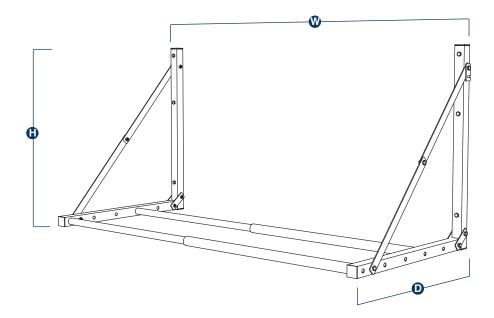


Individual Product Dimensions							
Stock #	Adjustable Width W	Height <b>(†)</b>	Depth <b>D</b>	Finish	Units per Carton	Weight per Carton	
HEAVY-DUTY TIRELOFT							
01012	36"-48" [91.4-121.9cm]	28" [71.1cm]	28.1" [71.4cm]	Red	1	27 lbs. [12.2 kg.]	



## HyLoft® Folding TireLoft™

- The Folding TireLoft is the ultimate tire storage solution, combining durability with flexibility. The unit folds up against the wall when not in use, it's perfect for storing seasonal tires, RV tires, ATV tires and more
- Its adjustable mounting width of 32" to 48" easily accommodates four standard vehicle tires
- The Folding TireLoft is lightweight, easily installed and available in a scratch-resistant silver powder-coated finish
- It is made entirely of durable steel tubing and holds up to 300 lbs





Individual Product Dimensions							
Stock #	Adjustable Width W	Height <b>(H</b> )	Depth <b>D</b>	Finish	Units per Carton	Weight per Carton	
FOLDING TIRELOFT							
01031	32"-48" [81.3-121.9cm]	24.4" [62cm]	22.5" [57.2cm]	Silver	1	17 lbs. [7.7 kg.]	

# Index

Avd Dooket Door FC	200 Corios 110	240 100	000 110	0001 54
4x4 Pocket Door 56	<b>200 Series</b> 112	<b>346</b> 106	903 116	<b>8081</b> 54
<b>0019</b> 138	<b>201BREL</b> 111	<b>348</b> 105	<b>905</b> 116	<b>8082</b> 54
<b>0035</b> 108	<b>201BRST</b> 111	<b>400A</b> 122	<b>918</b> 116	<b>8085</b> 53, 54, 55
<b>0036</b> 108	<b>201HR</b> 109	<b>402</b> 122	<b>953</b> 123, 124	<b>8086</b> 53, 54, 55, 57
<b>71</b> 90	<b>201LW</b> 110	<b>420</b> 121	<b>962KA</b> 121	<b>8090P</b> 53, 54, 55
<b>80</b> 91	<b>201MN</b> 109	<b>422</b> 121	<b>963KA</b> 121	<b>8091</b> 55
<b>80-88DP</b> 92	<b>201RC</b> 109	<b>423</b> 121	<b>965</b> 121	<b>8092</b> 55
<b>82</b> 95	<b>201 Series</b> 109	<b>424</b> 121	<b>00967</b> 198	<b>8150</b> 49
<b>82DP</b> 86, 95	<b>201SL</b> 110	<b>427</b> 122	<b>984KA</b> 121	<b>8157</b> 49
<b>83</b> 97	<b>206</b> 107	<b>429</b> 122	<b>986</b> 118	<b>8250</b> 50
<b>85</b> 99	<b>208</b> 107	<b>430</b> 122	<b>989</b> 117	<b>8350</b> 11
<b>87</b> 101, 103	<b>210</b> 102	<b>455</b> 123	<b>993</b> 124	<b>8400</b> 15–16
<b>87-10</b> 102	<b>211</b> 102	<b>467</b> 123	<b>995</b> 124	<b>8400RV</b> 20
<b>101</b> 10, 94	<b>212</b> 102	<b>469</b> 123	<b>997</b> 124	<b>8401</b> 16, 17, 18, 19
<b>102</b> 94	<b>213C</b> 102	<b>472</b> 119	<b>999</b> 124	<b>8402</b> 16, 17, 18, 19
<b>103</b> 94	<b>215</b> 108	<b>475F</b> 118	<b>01000</b> 200	<b>8403</b> 16, 17, 18, 19, 20,
<b>103-1/2L</b> 94	<b>215 Series</b> 108	<b>476F</b> 118	<b>01012</b> 201	22
<b>103-1/2R</b> 94	<b>221</b> 107	<b>476T</b> 118	<b>01031</b> 202	<b>8404</b> 16, 17, 18, 19, 20,
<b>104</b> 94	<b>229</b> 88	<b>510</b> 119	<b>1085</b> 126	22
<b>104-1/2</b> 94	<b>233</b> 89	<b>513</b> 119	<b>1087</b> 126	<b>8405</b> 17
<b>106</b> 86, 99, 129	<b>237</b> 89	<b>516</b> 119	<b>1088</b> 116, 126	<b>8407</b> 18
<b>107</b> 86, 99	<b>238</b> 89	<b>517</b> 119	<b>1093</b> 125	<b>8414</b> 19
<b>113L</b> 97, 99	<b>239</b> 88	<b>521</b> 119	<b>1095</b> 125	<b>8417</b> 20
<b>113R</b> 97, 99	<b>242</b> 89	<b>580</b> 122	<b>1096</b> 125	<b>8419</b> 20
<b>0117</b> 108	<b>243</b> 88	<b>582</b> 122	<b>1097</b> 126	<b>8420</b> 21
<b>0118</b> 108	<b>244</b> 88	<b>592</b> 122	<b>1098</b> 126	<b>8450FM</b> 22
<b>119</b> 94, 97, 102	<b>255</b> 87	<b>594</b> 122	<b>1099</b> 125	<b>8455FM</b> 22
<b>129</b> 94, 99, 102	<b>255-81N</b> 89	<b>607</b> 122	<b>1132</b> 136	<b>8500</b> 35
<b>134</b> 97	<b>256</b> 88	<b>620</b> 122	<b>1175</b> 8	<b>8500-93</b> 9, 11, 16, 17, 18,
<b>135</b> 97	<b>266</b> 117	<b>00625</b> 192	<b>1194</b> 133	19, 20, 22, 23, 24, 25, 26,
<b>136</b> 94	<b>268</b> 117	<b>00630</b> 197	<b>1195</b> 133	27, 35, 36, 49, 50
<b>137</b> 94	<b>277</b> 117	<b>632</b> 130	<b>1300</b> 9	<b>8505</b> 35
<b>154</b> 94	<b>278</b> 117	<b>00651</b> 198	<b>1303</b> 9	<b>8520</b> 36
<b>159LL</b> 97, 99	<b>288</b> 117	<b>660</b> 129	<b>1547</b> 119	<b>8525</b> 36
<b>160LL</b> 93	<b>0300-KITA</b> 141	<b>700 Series</b> 32	<b>1548</b> 119	<b>8600</b> 37
<b>161LL</b> 86, 98	<b>306</b> 117	<b>701</b> 118	<b>1805</b> 10	<b>8605</b> 37
<b>00163-BLK</b> 194	<b>309</b> 117	<b>704</b> 118	<b>1980</b> 114	<b>8650FM</b> 38
<b>00164</b> 190	<b>318</b> 117	<b>730</b> 130	<b>1980 Series</b> 114	<b>8655FM</b> 38
<b>170</b> 90	<b>320</b> 119	<b>731</b> 130	<b>1987</b> 101	<b>8810</b> 39
<b>179</b> 93	<b>0321</b> 138	<b>732</b> 130	<b>2038</b> 136	<b>8815</b> 39
<b>180</b> 92	<b>0321-CVR</b> 138	<b>734</b> 130	<b>2070</b> 29	<b>8820</b> 40
				<b>8850FM</b> 41
<b>181</b> 93, 191 <b>182</b> 96	<b>323</b> 119, 138 <b>324</b> 119	<b>735</b> 130 <b>750</b> 129	<b>4101B</b> 12, 13 <b>4104B</b> 12, 13	
<b>182BE</b> 86, 95	<b>325</b> 106	<b>753</b> 137	<b>4400</b> 12	<b>8900</b> 42 <b>8908</b> 43
<b>182DP</b> 86, 95	<b>326</b> 105	<b>757</b> 88, 130	<b>4450</b> 12	<b>24276</b> 88
		<b>760</b> 130		
<b>183</b> 98	<b>330</b> 105, 140		<b>4500</b> 27	<b>29201</b> 132
<b>185</b> 100	<b>331</b> 106, 140	<b>764</b> 130	<b>6092</b> 117	<b>50175-10</b> 193
<b>186LL</b> 102	<b>332</b> 105	<b>766</b> 130	<b>6094</b> 117	<b>80842-10</b> 195
<b>186LL SS</b> 104	<b>333</b> 106	<b>770</b> 129	<b>6300</b> 45	<b>80844-10</b> 195
<b>187LL</b> 102	<b>335</b> 106	<b>00777</b> 199	<b>6340 RB</b> 45, 46	Alphabox 81
<b>187LL SS</b> 104	<b>0335-BSKT</b> 139	<b>800 Series</b> 31	<b>6400</b> 46	BCUS-LR-15-CH 159, 168
<b>191</b> 97, 99	<b>0335-PRK</b> 139	<b>801X</b> 116	<b>6500</b> 34	<b>CD-0300</b> 138, 140
<b>192</b> 97, 99	<b>0335-SRK</b> 139	<b>803X</b> 116	<b>6505</b> 34	DWB975-W 154, 156
<b>00199</b> 190	<b>0335-SRND</b> 139	<b>813</b> 116	<b>6875</b> 117	<b>ET-H-N</b> 183, 184
<b>200BR</b> 113	<b>338</b> 105	<b>819X</b> 118	<b>8000</b> 47	Flowbox 77, 78, 79, 80
<b>200C</b> 112	<b>339</b> 105, 140	<b>836</b> 116	<b>8050</b> 51	Gas Spring Lifter 75
<b>200CH</b> 113	<b>340</b> 105	<b>880</b> 131	<b>8070</b> 53	Grass Hinges 53–55
<b>200M</b> 112	<b>341</b> 119	<b>881</b> 131	<b>8071</b> 53	<b>GS2070</b> 29
<b>2000P</b> 112	<b>342</b> 119	<b>900 Series</b> 30	<b>8072</b> 53	<b>GS4205</b> 23
<b>200S</b> 113	<b>345</b> 105	<b>901</b> 116	<b>8080</b> 54	<b>GS4260</b> 24

## Index

**GS4270** 25 **PFN28SBT-W** 170 RRC28K-W 154, 155 **SF25** 179, 184 TSC15-1-50PT 148, 155, **GS4340** 23, 24, 25 **PFN28ST-W** 170 Salice Hinges 53-55 SF25W 179, 184 156 HAL-20 167, 168 **PFN32ST-W** 170 Sam Box 83 SF28 179, 184 TSC15-1-50WH 148, 155, HAL-BSKT 167 PHM28GG-W 172, 175 Samfix 127 SF28W 179, 184 156 **HN-K-TEL-PT** 173 PHM28PG-W 172, 175 **SBM9-1-20WH** 151, 155, **SF31** 179, 184 **TSC15-2-35PT** 148, 155, HP-XSF-EC-20-W 182, **PHM28PP-W** 172, 175 **SF31W** 179, 184 PHM34GG-W 172, 175 **SBM10-1-35WH** 151, 155, SH-1-S/P 183, 184 TSC15-2-35WH 148, 155, **HUB-PIN** 173 PHM34PG-W 172, 175 SH-10 181, 183, 184 157 156 PHM40GG-W 172, 175 **SBM12-1-50WH** 151, 155, HyLoft 192 **SH-40** 183, 184 **TSC18-2-35PT** 148, 155, PHM40PG-W 172, 175 **IH-FN** 187, 188 156 Shelf-Made 109 157 Jetfix 127 PKN18ST-W 171, 174 **SBM12-2-27WH** 151, 155, Smart Box 84 TSC18-2-35WH 148, 155, **KT-0119** 138 PKN24ST-W 171, 174 157 **SMT 75T** 127 157 **KV1** 137 **TT100** 26 **PKN28SBT-W** 171 **SBM15-1-35WH** 151, 155, Solo-Mech 74 **SP-BSC10-1-35-P** 149, TT401 26 **KV2** 132 PKN28ST-W 171, 174 156 **KV Hinge** 60, 70, 71 PKN32ST-W 171, 174 **SBM15-2-20WH** 151, 155, 152 TT401B 26 **KVSFB** 127 **PKV3** 136 **SP-BSC12-2-27-P** 149 **UCCB** 186 157 KVSH 68 PNP-DVDR 160 **SBM15-2-35WH** 151, 155, **SP-BSC15-2-35-P** 149 USC12-1-35PT 147, 155, **KVSUMB B 102** 30, 31, 32 PPN24S-W 171, 175 157 SP-CLEANBSKT-FN 166 156 **KVSUMB DT 100** 31, 32 PPN28S-W 171, 175 SCB9-1-20PT 149, 155, SP-DBMUBSC-8-FN 163 **USC12-1-35WH** 147, 155, **KVSUMB DT 101** 31, 32 PSF8.62-W 180, 184 156 SP-DBMUBSC-11-FN 163 156 **PSF11-PF-SH-2-W** 181. SP-DBMUBSC-14-FN 163 **KVSUMB LL 106** 30, 31. SCB9-1-20WH 149, 155. **USC12-1-50PT** 147, 155, SP-DBMUBSC-17-FN 163 32 184 156 156 KVSUMB LLN 105 30, PSF11-PF-W 180, 184 SCB10-1-35PT 149, 155, SP-DBMUBSC-20-FN 163 USC12-1-50WH 147, 155, 31, 32 **PSF11RS-W** 180, 184 156 **SP-MUB-14-W** 164 156 **KVSUMB LR 105** 30, 31, PSF11SH-2-W 181, 184 SCB10-1-35WH 149, 155, **SP-MUBSC-11-FN** 162 USC12-2-27PT 147, 155, **PSF11-W** 180, 184 156 **SP-MUBSC-14-FN** 162 157 KVSUMB LRN 105 30, **SP-MUBSC-17-FN** 162 **PSF11W-W** 182, 184 SCB12-1-50PT 149, 155, USC12-2-27WH 147, 155, 31, 32 PSF14-PF-SH-2-W 181, **SP-MUBSC-20-FN** 162 156 157 Master 60, 62 184 SCB12-1-50WH 149, 155, **SP-PNP-11-FN** 160 USC15-2-35PT 147, 155, PSF14-PF-W 180, 184 **SP-PNP-20-FN** 160 Mini Star 68 156 157 Mounting Plate 72 **PSF14RS-W** 180, 184 SCB12-2-27PT 149, 155, **SP-PSF-11-SH1-W** 180 USC15-2-35WH 147, 155, **P793** 137 **PSF14SH-2-W** 181, 184 **SP-PSF-14-SH1-W** 180 157 157 **P793 ANO** 168 **PSF14-W** 180, 184 SCB12-2-27WH 149, 155, **SPS21-FN** 160, 168 USC18-2-50PT 147, 155, **P992** 124 PSF14W-W 182, 184 157 SPS27-FN 160, 168 P1092 125 PSF2425-W 180, 184 SCB15-1-20PT 149, 155, **SP-WMUB-14-WD** 165 USC18-2-50WH 147, 155, PSF3025-W 180, 184 P2413 120, 127 ST11.50 186, 188 156 157 WUSC12-1-35PT 146, 156 **P2417** 120 SCB15-1-20WH 149, 155, **QT20LB-PT** 155 **Star** 60, 64 P2419 120 QT20LB-WH 155 156 Star Track 60, 66 WUSC12-1-35WH 146, **P2421** 120 QT20PB-PT 155 SCB15-2-20PT 149, 155, Super Pro 190 **PDMKTPT** 153 QT20PB-WH 155 **Supreme** 60, 61 WUSC12-1-50PT 146, 156 157 PDMTM12-1-35WH 150. TD12-1-FN 187, 188 **QT27PB-PT** 155 SCB15-2-20WH 149, 155, WUSC12-1-50WH 146, **QT27PB-W** 155 **TD12-FN** 187, 188 155, 156 157 156 **PDMTM15-2-35WH** 150, **QT32PB-W** 155 **SCB15-2-35PT** 149, 155, **TD12-W** 187, 188 WUSC12-2-27PT 146, 157 QT35LB-PT 155 TD18-1-FN 187, 188 WUSC12-2-27WH 146, 155, 157 **PDMTM18-2-35WH** 150, QT35LB-W 147 SCB15-2-35WH 149, 155, TD18-1-W 187, 188 157 QT35LB-WH 155 157 TD18-FN 187, 188 WUSC15-2-35PT 146, 157 155, 157 **PDMTM21-2-35WH** 150, QT35PB-PT 155 **SF10** 179, 184 **TD18-W** 187, 188 WUSC15-2-35WH 146, 155, 157 QT35PB-WH 155 **SF10W** 179, 184 **TDR06-W** 161, 168 157 **PDMTM115-1-35WH** 150, **QT50PB-P** 155 **SF11** 179, 184 TDR09-W 161, 168 WUSC18-2-50PT 146, 157 QT50PB-W 155 SF11W 179, 184 TDRO-FNW-6 161, 168 WUSC18-2-50WH 146, 155, 156 **PDMTM145-1-50WH** 150, Rollbox 82 **SF13** 179, 184 TDR0-FNW-9 161, 168 157 155, 156 **RP0020** 132 **SF13W** 179, 184 TireLoft 200 XSF34-10-W 182, 184 **PDMTM175-2-35WH** 150, RP-0042 133 **SF14** 179, 184 **TSC12-1-35PT** 148, 155, XSF72-10-W 182, 184 155, 157 RP-0043 133 SF14W 179, 184 156 Performa Lid Stay 75 RP-0044 133 **SF16** 179, 184 TSC12-1-35WH 148, 155, **PFN18S3T-W** 170 **RP-0045** 133 **SF16W** 179, 184 156 **PFN18ST-W** 170 RP-0046 135 **SF19** 179, 184 **TSC15-1-35PT** 148, 155, **PFN20S3T-W** 170 RP-0052 133 SF19W 179, 184 156 **PFN20ST-W** 170 RP-0495 134 **SF22** 179, 184 **TSC15-1-35WH** 148, 155, **PFN24ST-W** 170 RP-0496 134 SF22W 179, 184 156

## Knape and Vogt Limited Warranty

#### Limited Lifetime Warranty for Commercial Business Products

This warranty is given to the initial purchaser of new commercial products purchased from Knape & Vogt Manufacturing Company. The warranty covers defects in materials and workmanship. The warranty does not apply to defects resulting from misuse, damage or abuse, normal wear and tear, accident, modification, improper installation or maintenance, third party materials or damage during shipping. The warranty is not transferable and does not cover any subsequent purchasers of the products.

During the warranty period, Knape & Vogt, will, at its option, repair or replace any defective product with a comparable product or component. This limited warranty is for repair or replacement of defective products only and does not cover any other costs such as removal, installation, or other related expenses.

For warranty service, please contact Knape & Vogt Manufacturing Company, 2700 Oak Industrial Drive, Grand Rapids, MI 49505, Attention: Customer Service. Information regarding the claimed defect and date of purchase of the product must be provided. Any defective product must be returned postage or freight prepaid to Knape & Vogt.

THIS LIMITED WARRANTY CONSTITUTES THE ONLY WARRANTY FOR THE PRODUCTS AND ALL OTHER WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, BY OPERATION OF LAW OR OTHERWISE, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED, WHERE PERMITTED BY STATE OR PROVINCIAL LAW.

THIS LIMITED WARRANTY CONSTITUTES THE SOLE REMEDY AVAILABLE WITH REGARD TO ANY DEFECTIVE PRODUCTS. KNAPE & VOGT SHALL NOT BE LIABLE FOR ANY INCIDENTAL, INDIRECT, CONSEQUENTIAL OR SPECIAL DAMAGES, INCLUDING WITHOUT LIMITATION, LOSS OF TIME, INCONVENIENCE, OR LOST REVENUES OR PROFITS, WHERE PERMITTED BY STATE OR PROVINCIAL LAW.

Copyright ©2025 Knape & Vogt Manufacturing Company, all rights reserved. Standard KV Commercial Warranty

## Return Policy

#### Return Policy for special order or nonstock items:

We're sorry, we cannot accept returns on nonstock products or special order products unless there is a Knape & Vogt error — which we will be happy to correct. To return product(s), please follow these procedures:

Please contact Knape & Vogt Customer Service at 1.800.253.1561 or email customerservice@kv.com. A Customer Service Representative will assist you with getting a Return Goods Authorization (RMA) number. The original P.O. is required to receive a RMA number. Please return product within 30 days of issuance of the RMA number.

#### Restocking Fees:

- All resalable product returned in original resalable packaging will be assessed a 25% fee for restocking and handling.
- Minimum fee is \$25.
- All resalable products not returned in resalable original packaging will be assessed a 25% fee for repackaging in addition to the 25% restocking and handling fee.
- · Above referenced fees will be waived on returns resulting from a Knape & Vogt error.

#### Shipping:

You are responsible for all return shipping charges to return the product unless we made an error in shipping your order, i.e., the product we shipped is not the one you ordered, or is defective.

#### In the US, please ship to: Knape & Vogt

Return Goods Department, 3800 Eastern Ave SE, Wyoming, MI 49509

#### In Canada, please ship to:

Knape and Vogt/ Vanguard, Attn: Return Goods Department, 265 Export Blvd, Mississauga, ON L5S 1Y4

- Ensure the product(s) are properly packaged to prevent shipping damage.
- · Include RMA number with return.
- · Ensure all products returned match quantities and products listed on the assigned RMA.

#### Credit:

- A credit memo will be issued upon inspection and approval of the returned product.
- Upon receipt and inspection Knape & Vogt will determine credit amount and notify you of any discrepancies.
- DO NOT make any financial adjustments to your account prior to Knape and Vogt issuing a credit memo for returned goods.
- Please allow a minimum of 15 days for us to receive and process your return.
- We will credit or refund the value of the product total and any taxes you were charged less applicable fees. (excluding delivery charges).
- · Refunds will be given in the same form of payment. Adjustments to credit cards should appear within two billing cycles.

#### Replacement Orders:

- · Any replacement orders will be charged to your account.
- A credit memo will be issued for returned products that have been approved.

#### RMA Status Information:

- Visit www.customercareconnection.com.
- Enter your account information.
- · If you do not already have your account set up for this free service, please register at www.customercareconnection.com.
- Your satisfaction is our priority. We are happy to accept returns or exchanges for any resalable or defective products within 60 days of the shipping date.



2700 Oak Industrial Dr. NE Grand Rapids, MI 49505-6026 USA 1.800.253.1561 | customerservice@kv.com www.kv.com This and other KV literature is available for download at www.kv.com > Resource Library Knape & Vogt reserves the right to change product specifications at any time without notice and without incurring responsibility for existing units.

 $\ensuremath{\texttt{@}}\xspace2025$  Knape & Vogt. KV and the KV logo are trademarks of Knape & Vogt.