Rakks
In supporting roles everywhere.

THE SPECIFICATION GUIDE
Rakks shelving and architectural specialties have been the choice of discerning architects and interior design professionals for over 40 years.

Our Shelving systems consist of a family of fully compatible parts including wall mounted standards, pole supports, shelf brackets and accessory components. These component parts can be easily configured to meet a very wide range of shelving and display applications. In both wall-mounted and pole-supported configurations, Rakks features a classic modern design and infinite adjustability without slots or visible hardware.

Rakks architectural specialties include mounting brackets for counters, sills, vanities, benches and railings. Our System 700 Hand/Crash rail offers a unique and attractive blend of aluminum and hardwood.

Please call us for additional specifications, samples or technical help. Our experienced customer service personnel are eager to assist you.

Rakks. In Supporting roles everywhere.
Rakks Wall Standards

WALL STANDARDS

Rakks Wall Standards are made of extruded aluminum with precision channels that accept Rakks Shelf Support Brackets. Standards are available in six profiles to meet a variety of surfaces and recessed mounted applications.

Standards can be specified in any length up to 12 feet. Standards come with drilled and countersunk holes to accept color matched mounting screws (No. 6 x 1-1/4" Philip’s Flat-Head), which are included. When properly installed, screw heads are flush with the back of the channel allowing shelf brackets to be positioned at any point.

Standards must be screwed into studs, blocking, or into wall anchors sized for No. 6 screws. Toggler® Brand AF-6 and SnapSkru™ wall anchors are recommended. Brackets should be mounted at least 6" from the top of the standard to better distribute the load. Shelf brackets can be mounted at the very bottom of a standard.

SPECIFICATIONS

MATERIAL: 6063-T6 extruded aluminum
LENGTH: Available in lengths up to 12'
FINISH: Clear anodized, black anodized, white powder-coat. Custom anodized and powder-coated finishes available
CHANNELS: 9/32" opening accepts all styles of Rakks shelf support brackets
CAPACITY: Load capacities are determined by bracket type and size (see pages 5-7)
SCREW HOLES: On center spacing is 12" typical
HARDWARE: No. 6 x 1-1/4" Philip’s Flat-Head color matched screws are included
OPTIONS: Access slots when required, Non-ferrous screws, Longer (2") screws, Wall anchors

MODEL | DESCRIPTION | APPLICATION
--- | --- | ---
SC-XXX | “C” Style Wall Standard | Surface or recessed mounted
SM-XXX | “M” Style Wall Standard | Surface mounted only
SE-XXX | “E” Style Wall Standard | Stud mounted to accept 5/8” wallboard
SG-XXX | “G” Style Wall Standard | Surface mounted over 1/4” mirror or panels
SD-XXX | “D” Style Wall Standard | Surface mounted – for maximum adjustment
SQ2-XXX | “Q” Style Wall Standard | Surface mounted – Heavy Duty, Compatible with BR and TB brackets only

XXX – Denotes length in inches. Specify finish clear anodized, black anodized, white powdercoat or custom.
Rakks Pole Supports

**RAKKS POLES**

**PL WALL STORAGE POLE.** Used to create wall units with shelves and/or cabinets in conjunction with a supporting wall. Poles with spring loaded hardware install under compression between the floor and ceiling. Front channels accept shelf brackets; side channels accept 1/4-20 screws to mount cabinets.

**PC4 COMPRESSION SUPPORT POLE.** Used to create shelving units with or without a supporting wall. Adjustable mounts allow poles to be installed under compression between floor and ceiling. When used as a room divider, side channels can accept 1/4” decorative panels.

**PC2 COMPRESSION SUPPORT POLE.** Similar to the PC4 pole with side channels that accept 1/4-20 screws to attach L-Brackets and cabinets. Front and back C channels accept all Rakks brackets and pole accessories.

**PS4 SINGLE SUPPORT POLE.** Used for floor-to-ceiling or through-counter applications in laboratories and retail stores. Poles can also be used to create framing and panel systems incorporating 1/4” decorative panels.

**PD6 DOUBLE SUPPORT POLE.** Provides additional strength and versatility and, similar to PC poles, can be installed under compression. Double channels allow for independent support and adjustability of shelves. Extra strength provides maximum rigidity when used in integrated applications.

**THREADED INSERT.** Used to create a threaded channel in any pole. Facilitates the installation of cabinets or other components using 1/4-20 screws. Secures into pole channel with set-screws.

**POLE SUPPORTS**

Rakks support poles are made of extruded aluminum with channels that accept Rakks Shelf Support Brackets. Poles are available in five profiles to meet a wide range of storage and shelving applications. The infinite adjustability of shelf brackets eliminates the need to level or shim poles. Anodized aluminum finishes provide a clean and chemically resistant finish.
POLE MOUNTING HARDWARE

SPRING COMPRESSION KIT. Used with PL poles for installation between the floor and ceiling. 1-7/8” x 1-5/8” x 11-1/2” rectangular tube slides over pole. Spring and spacers allow for up to 4” overall adjustment. Rubber top and bottom pads protect ceiling and floor.

Note: poles should be cut 3” shorter than the finished floor-to-ceiling height.

ANCHOR BRACKETS. One leg of these L-shaped brackets slides into the pole channel and is secured with 1/4-20 set screws. The other leg can be used to anchor poles to the floor, ceiling or wall. Use two AB-0035 brackets for pole-to-ceiling connections. AB-0202 brackets can be used to make 90-degree pole-to-pole connections.

Note: if shelves do not touch the wall, additional bracing may be required to prevent side-to-side racking.

TIE-BRACKET. Used to secure any Rakks pole to a wall. Tie-brackets have a PVC flange at the end that is screwed to the wall. One tie-bracket should be located at the top of the pole. Additional tie-brackets can be added for greater stability.

Note: tie-brackets must be specified so that shelves touch the wall.

GROMMETS. Facilitate installation of PS4 and PD6 poles in through-counter installations. These machined Delrin inserts are epoxied into round holes cut into counter tops. Eliminates need to cut square or rectangular holes.

Rakks Pole Mounting Hardware

POLE MOUNTING CONFIGURATIONS

A. Spring compression with supporting wall (floor-to-ceiling) PL poles only.
   
   Note: loads must be rear facing against wall.

B. Threaded compression with or without supporting wall (floor-to-ceiling).
   
   Note: loads must be balanced or mounts must be fastened at ceiling.

C. Tied back to a supporting wall with tie-bracket.
   
   Note: length of tie-bracket must equal shelf depth.

D. Integrated into counter or laboratory casework.
   
   Note: maximum recommended shelf height is 42” above counter.

E. Secured by anchor brackets and screws (floor-to-ceiling).

F. L-brackets tied to a supporting wall with mitered tie pole and anchor brackets.

G. Rakks brackets tied back to a supporting wall with mitered tie-pole and anchor brackets.

RAKKS POLE CONFIGURATIONS

OPTIONAL TIE BRACKET

OPTIONAL TIE POLE
Rakks Pole Components

POLE COMPONENTS

Rakks Pole Components expand and enhance the configuration options of our pole-supported systems. Using anchor brackets, spline connectors, and channel nuts, poles can be joined or supported in an infinite variety of combinations. Custom structures and displays can be easily created using readily available components.

SPLINE CONNECTOR. Join sections of poles when floor-to-ceiling heights exceed inventoried lengths. Splines slide into pole channels and are secured using four set screws. Two splines required for each connection.

CHANNEL NUT PLATES. Used for mounting accessories to poles. NP-0832 nut plate can be easily installed or removed from the front of the pole. NP-0420 nut plate must slide into the end of the pole or into an access slot and should be used where a more secure attachment is required.

CHANNEL COVERS. PVC extrusion snaps into pole channels to cover openings for improved sanitation and cleaning. Available in 8’ lengths in translucent and black PVC.

DOOR HINGES. Pole mounted door hinges can accommodate 1/4” glass and 3/4” wood doors up to 18” wide. Hinges can be configured for single or double door applications. Available in polished aluminum only.

POLE CORNER ADAPTER. This adapter screws into the side of PL or PC2 poles and accepts a shelf bracket. It should be used only in corner conditions.

LAMP BRACKET. Accepts drafting lamps with 1/2” diameter bottom shaft. Available in black or clear anodized aluminum.

Note: Contact Rakks Customer Service for additional information and specifications. XXX denotes length in inches.
Rakks Shelf Supporting Brackets

SHELF SUPPORT BRACKETS

Manufactured from extruded aluminum and available in attractive anodized finishes, Rakks shelf support brackets feature infinite adjustability and attach to standards and poles supports without slots or visible hardware. Available in five basic styles, Rakks, Universal, Aria, Tray, and Floating brackets have a distinctive look and reflect a functional design. Aria brackets are stocked in clear and black anodized aluminum. All other brackets are stocked in clear anodized, black anodized and white powder-coat finish.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
<th>USEABLE LENGTH</th>
<th>WIDTH</th>
<th>DEPTH</th>
<th>LOAD CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>BR-004</td>
<td>Rakks Style for 4&quot; Shelf</td>
<td>3-1/4&quot;</td>
<td>1/4&quot;</td>
<td>1-1/4&quot;</td>
<td>100#</td>
</tr>
<tr>
<td>BR-006</td>
<td>Rakks Style for 6&quot; Shelf</td>
<td>5-1/4&quot;</td>
<td>1/4&quot;</td>
<td>1-1/4&quot;</td>
<td>100#</td>
</tr>
<tr>
<td>BR-008</td>
<td>Rakks Style for 8&quot; Shelf</td>
<td>7-1/4&quot;</td>
<td>1/4&quot;</td>
<td>1-1/4&quot;</td>
<td>100#</td>
</tr>
<tr>
<td>BR-010</td>
<td>Heavy Duty for 10&quot; Shelf</td>
<td>9-1/4&quot;</td>
<td>1/4&quot;</td>
<td>2&quot;</td>
<td>100#</td>
</tr>
<tr>
<td>BR-012</td>
<td>Rakks Style for 12&quot; Shelf</td>
<td>11-1/4&quot;</td>
<td>1/4&quot;</td>
<td>1-1/4&quot;</td>
<td>60#</td>
</tr>
<tr>
<td>BR-014</td>
<td>Heavy Duty for 14&quot; Shelf</td>
<td>13-1/4&quot;</td>
<td>1/4&quot;</td>
<td>2&quot;</td>
<td>100#</td>
</tr>
<tr>
<td>BR-016</td>
<td>Rakks Style for 16&quot; Shelf</td>
<td>15-1/4&quot;</td>
<td>1/4&quot;</td>
<td>1-1/4&quot;</td>
<td>50#</td>
</tr>
<tr>
<td>BR-216</td>
<td>Heavy Duty for 16&quot; Shelf</td>
<td>15-1/4&quot;</td>
<td>1/4&quot;</td>
<td>2&quot;</td>
<td>80#</td>
</tr>
<tr>
<td>BR-218</td>
<td>Rakks Style for 18&quot; Shelf</td>
<td>17-1/4&quot;</td>
<td>1/4&quot;</td>
<td>2&quot;</td>
<td>70#</td>
</tr>
<tr>
<td>BR-224</td>
<td>Rakks Style for 24&quot; Shelf</td>
<td>22-1/2&quot;</td>
<td>1/4&quot;</td>
<td>2&quot;</td>
<td>45#</td>
</tr>
<tr>
<td>TB-XXX</td>
<td>T Option for BR Bracket</td>
<td>as above</td>
<td>1&quot;</td>
<td>1-3/8&quot;</td>
<td>as above</td>
</tr>
<tr>
<td>TB-XX2</td>
<td>T Option for BR2 Bracket</td>
<td>as above</td>
<td>1&quot;</td>
<td>2-1/8&quot;</td>
<td>as above</td>
</tr>
</tbody>
</table>

Load capacities represent a uniformly distributed, static load, per bracket. Spacing of brackets should take into consideration both anticipated loads and shelf deflection characteristics.

RAKKS STYLE. Our signature Rakks Style bracket features a distinctive rectangular bar design that can support shelves up to 24" deep. Rakks Style brackets are designed to “underhang” the shelf (see chart for useable length). These brackets can be specified and made to order in ANY useable length up to 24”. Depending on length and load capacities, brackets are manufactured in 1-1/4" and 2" heights.

RAKKS T-STYLE. T-style brackets have a PVC shelf coupler extrusion that is pinned to the top of the bracket creating a 1" wide horizontal support surface. The horizontal surface is pre-drilled with holes allowing shelves to be screwed to the bracket. Any Rakks Style bracket can be supplied in the T-style. PVC extrusion is available in white, black or translucent.

RAKKS T-STYLE LAB BRACKET. A heavy duty tapered bracket with PVC flange. Available in one size only for shelf depths from 11"-14".

UNIVERSAL. This tapered aluminum bracket is available in two sizes to support wood or glass shelves from 9" to 14" deep. The 1" horizontal surface is pre-drilled with holes allowing shelves to be screwed to the bracket.

ARIA DISPLAY BRACKET. A two piece bracket that can support glass or wood shelves of various thicknesses up to 12" deep. This elegant display comes in two configurations, one with matching top and bottom, the other using a hold-down bracket on the top. Available in clear and black anodized aluminum with color matched set screws.
Rakks Shelf Support Brackets

**ACCESSORIES**

- **TRAY BRACKET.** A minimal profile, medium-duty support for shelves from 6” to 12” deep. Left, right and center brackets support shelves from the ends. When used with 1” thick shelves they create a near “floating” appearance.

- **RETAINING PIN OPTION.** Rakks brackets with retaining pins provide an extra measure of security, keeping shelves from shifting on the brackets. Wood shelves with 1/4” holes or slots fit over the pins. When supporting long shelves across several brackets, only the outside brackets need retaining pins. Double-sided foam tape is also effective in securing shelves to the brackets.

- **FLOATING DISPLAY BRACKET.** Fits into pre-cut channel of shelf to give a “floating” appearance with no visible hardware. Used for light-duty display applications with 4” to 12” deep wood or acrylic shelves.

- **BR BOOKEND.** Rakks Style brackets make excellent bookends. Specify bookends one size smaller than the shelf depth. Note: bookends must be installed in sequence with (and at the same time as) the shelf brackets.

- **UNIVERSAL BOOKEND.** A wire formed bookend that can be installed into the front of standards or poles at any point. Powder coated silver, black, and white to match other components. Available in 8” depth only.

- **SHELF COUPLER.** Used with Rakks Style brackets to allow two shelves to join at a bracket. Couplers (two per bracket) are only required on the bracket where the two shelves join. Pre-drilled holes in the couplers allow the shelves to be screwed into place. Available in white, black and translucent.

- **SHELF RESTS.** These transparent polyurethane pads cushion glass or wood shelves and keep them from sliding on the brackets.

**SHELF SUPPORT BRACKETS**

Rakks Shelf Support brackets can be used for a wide range of applications. Our signature Rakks Style bracket combines elegant design with exceptional flexibility and versatility. They can be used to support shelves from 4” to 24” deep and when specified in the heavy duty configuration are a perfect choice for oversized books, laboratory equipment, catalogs or heavy files. Universal Brackets feature a functional easy-to-use design for medium-duty storage, including books. Aria, Floating, and Tray brackets have a distinctive look for light to medium-duty display and merchandising applications.

### MODEL DESCRIPTION USEABLE WIDTH DEPTH LOAD CAPACITY

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
<th>USEABLE WIDTH</th>
<th>DEPTH</th>
<th>LOAD CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>BU-009</td>
<td>Universal Bracket for 9&quot; - 11&quot; Shelf</td>
<td>9&quot;</td>
<td>1&quot;</td>
<td>70#</td>
</tr>
<tr>
<td>BU-012</td>
<td>Universal Bracket for 12&quot; - 14&quot; Shelf</td>
<td>11-3/4&quot;</td>
<td>1&quot;</td>
<td>60#</td>
</tr>
<tr>
<td>BA-001</td>
<td>Aria Display Bracket for 5&quot; - 12&quot; Shelf</td>
<td>5&quot;</td>
<td>3/4&quot;</td>
<td>50#</td>
</tr>
<tr>
<td>BA-002</td>
<td>Aria Display Bracket w/ Hold Down</td>
<td>5&quot;</td>
<td>3/4&quot;</td>
<td>50#</td>
</tr>
<tr>
<td>BR-CH1</td>
<td>Glass Hold Down only</td>
<td>7/8&quot;</td>
<td>3/4&quot;</td>
<td>n/a</td>
</tr>
<tr>
<td>BTR-LX</td>
<td>Tray Bracket left</td>
<td>6-1/8&quot; to 12-1/8&quot; in 2&quot; increments</td>
<td>1-1/8&quot;</td>
<td>45#</td>
</tr>
<tr>
<td>BTR-RX</td>
<td>Tray Bracket Right</td>
<td>6-1/8&quot; to 12-1/8&quot; in 2&quot; increments</td>
<td>1-1/8&quot;</td>
<td>45#</td>
</tr>
<tr>
<td>BTR-CX</td>
<td>Tray Bracket Center</td>
<td>6-1/8&quot; to 12-1/8&quot; in 2&quot; increments</td>
<td>1-1/8&quot;</td>
<td>45#</td>
</tr>
<tr>
<td>BF-04</td>
<td>Floating Display Bracket for 4&quot; Shelf</td>
<td>3-1/2&quot;</td>
<td>1/4&quot;</td>
<td>25#</td>
</tr>
<tr>
<td>BF-06</td>
<td>Floating Bracket for 6&quot; Shelf</td>
<td>5&quot;</td>
<td>1/4&quot;</td>
<td>25#</td>
</tr>
<tr>
<td>BF-08</td>
<td>Floating Display Bracket for 8&quot; Shelf</td>
<td>7&quot;</td>
<td>1/4&quot;</td>
<td>25#</td>
</tr>
<tr>
<td>BF-10</td>
<td>Floating Display Bracket for 10&quot;-12&quot; Shelf</td>
<td>9&quot;</td>
<td>1/4&quot;</td>
<td>20#</td>
</tr>
<tr>
<td>BL-XX</td>
<td>L-Bracket - see page 8 for complete specifications</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Load capacities represent a uniformly distributed, static load, per bracket. Spacing of brackets should take into consideration both anticipated loads and shelf deflection characteristics. ST = Shelf Thickness.
SHELF SUPPORT BRACKETS

Rakks shelving can be configured and accessorized to satisfy the most demanding merchandising and storage applications. Face-outs, hangbars, slanted displays, notched brackets, and waterfalls can be manufactured to your exact specifications. Our metal fabrication and machining capability allow for quick turn-around and reasonable costs.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
<th>APPLICATION</th>
<th>SPECIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>BR-RP</td>
<td>Retaining Pin Option for Rakks Brackets</td>
<td>Secures shelves to bracket</td>
<td>5/32&quot; pin extends 1/4&quot;</td>
</tr>
<tr>
<td>BR-NOTCHED</td>
<td>Notched Option for Rakks Brackets</td>
<td>Accepts hangbar, stiffener or shelf lip</td>
<td>Depth and location as specified</td>
</tr>
<tr>
<td>BR-SLANTED</td>
<td>Slanted Option for Rakks Bracket</td>
<td>Display literature or product</td>
<td>Length and angle as specified</td>
</tr>
<tr>
<td>BR-HANGBAR</td>
<td>1-1/4&quot; X 1/4&quot; Rectangular Bar Stock</td>
<td>Hangbar or shelf stiffener</td>
<td>Lengths up to 144&quot;</td>
</tr>
<tr>
<td>BR2-HANGBAR</td>
<td>2&quot; X 1/4&quot; Rectangular Bar Stock</td>
<td>Shelf lip</td>
<td>Lengths up to 144&quot;</td>
</tr>
<tr>
<td>BJ-HANGBAR</td>
<td>J-Hangbar Bolt-On Bracket</td>
<td>Hanging rod for merchandising or closet</td>
<td>1-1/2&quot; x 3/4&quot; lengths up to 144&quot;</td>
</tr>
<tr>
<td>BJBB</td>
<td>J-Hangbar Bracket</td>
<td>Attach J-Hangbar to sides of PL or PC2 pole</td>
<td>1-1/2&quot; x 1-1/2&quot; x 1/4&quot; w/ 2 holes</td>
</tr>
<tr>
<td>BJOL &amp; BJOR BjOC</td>
<td>J-Hangbar Offset Bracket left/right or center “T”</td>
<td>Attach to front of pole left/right side</td>
<td>1-3/8&quot; offset</td>
</tr>
<tr>
<td>BR-WATERFALL</td>
<td>Waterfall option for Rakks Bracket</td>
<td>Merchandising and display</td>
<td>Specify length, angle &amp; pin location</td>
</tr>
<tr>
<td>BP:008</td>
<td>Universal Wire Bookend - 8&quot;</td>
<td>Bookend installs from front of standard</td>
<td>Powder-coated steel to match</td>
</tr>
<tr>
<td>TB2:1BCDESK</td>
<td>Reinforced Bracket for worksurface</td>
<td>Extra support for 20&quot; - 24&quot; worksurface</td>
<td>18&quot; bracket can support 120#</td>
</tr>
<tr>
<td>TU201</td>
<td>PVC Shelf Coupler</td>
<td>Use 2 per bracket where shelves join</td>
<td>1&quot; flange; Drilled for #6 screws</td>
</tr>
<tr>
<td>BMP-1</td>
<td>Stick-On Shelf Rest</td>
<td>Cushion shelves and keep them from sliding</td>
<td>Use 2 or more per bracket</td>
</tr>
</tbody>
</table>

Most brackets are stocked in clear anodized, black anodized and white powder-coated finishes. Hangbars are stocked in clear anodized only. Custom finishes are available for all parts.

CUSTOM BRACKETS

HANGBAR. Sold in cut-to-length sizes up to 12 feet, this 1-1/4" x 1/4" clear anodized bar fits into notched brackets. Bracket length and notch location made as specified.

J-HANGBAR. This attractive profile provides extra stiffness for wide spans or heavy clothing. Can be mounted at the end of notched BR2 bracket (shown) or supported on J-Bar Brackets described below.

J-BOLT-ON BRACKET. Used to attach J-hangbar to poles. The bolt-on bracket screws to the side of PL or PC2 poles. Available for left and right configurations.

WIRE FACE OUT BRACKET. Fits over BR-Hangbar and can be used for the merchandising and point display of card mounted product. Available in one size, 8" silver powder coat only.

FACE OUT. Used for merchandising or display, Rakks brackets with retaining pins make excellent face-outs.

NOTCHED BRACKET SHELF STIFFENER. Provides additional support under wood or glass shelves to accommodate wide spans or control shelf deflection. A 1-1/4" x 1/4" clear anodized bar fits into notched brackets. Bracket length and notch location made as specified.

SLANTED BRACKET. Rakks style brackets can be made to lock in at any angle (up or down). Retaining pin at end keeps wood shelves in place. When used with glass or aluminum shelves, brackets can be notched at end to accept 2" x 1/4" shelf lip bar.

WATERFALL BRACKET. Used for merchandising and display, brackets can be made to any specified length, angle and pin configuration.

DESKTOP BRACKET. Used to support worksurfaces from 20" - 24" deep - these T-style brackets are reinforced for added strength. Rated at 120# per bracket.
**L-Brackets**

Rakks L-Bracket system (pat. pend.) provides unparalleled design flexibility, strength and value. Available in both floor-to-ceiling and wall-supported configurations this new design features quick and infinite shelf adjustment utilizing one hidden screw. Brackets support wood, glass, or aluminum shelves from 8” to 24” deep in 2-inch increments. Cabinets can be easily attached to the poles to create attractive wall storage units or merchandising displays.

**SPECIFICATIONS**

**SIZE:**
- Poles: 1-1/2” square in lengths up to 144”
- Brackets: in lengths from 8”-24” in 2-inch increments

**HOLES:**
- One 9/32” hole is predrilled and countersunk to accept a 1/4-20 x 1/2” flat head screw - included. Supporting lip has two holes drilled and countersunk for #6 screws used to secure wood shelves to brackets

**MATERIAL:**
- 6063-T6 extruded aluminum

**FINISH:**
- Clear, black anodized, white powder-coat

**CAPACITY:**
- 150 pounds per pair. All depths

**OPTIONS:**
- Retaining pins, custom lengths, angles, configurations

**MODEL** | **DESCRIPTION** | **APPLICATION** | **SPECIFICATION** | **SPECIFICATION**
---|---|---|---|---
PC2-XXX | PC2 Support Pole | Floor to ceiling or tied back to wall | Lengths up to 144”
BLXX | L-Bracket Shelf Support | Supports shelves 8” - 24” deep | Rated load is 150# per pair
PC2MT-XX | Mitered Tie-Pole Kit | Anchors PC2 pole to wall | Lengths = shelf depth plus 1-1/2”
BLRP | Retaining Pin Option | Secures aluminum shelf to bracket | 5/32” steel pins located at each end
BL-SLANTED | Slanted Option for L-Bracket | Merchandising or display | Length and angle as specified
BLOFFSET | Offset Option for L-Bracket | Supports varying shelf depths | Length and offset as specified
CAB-HDW | Mounting Hardware | Attaches cabinets to poles | 1/4-20 screws 3/8” + thickness of side
BMP-1 | Stick-on Shelf Rests | Cushion shelves and keep them from sliding | Use two or more per bracket
Rakks Shelves

EXTRUDED ALUMINUM SHELVES

Rakks aluminum shelves have an attractive low-profile with strength that exceeds 3/4” plywood. Shelf depths of 4” to 18” in two-inch increments can be achieved by combining 4” and 6” deep sections and can be ordered in specified lengths up to 12”. Shelves feature a textured top surface which hides scratches and assures a uniform appearance.

SHELF COMBINATIONS

<table>
<thead>
<tr>
<th>Shelf Depth</th>
<th>Material</th>
<th>Finish</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>4”</td>
<td>SA-04</td>
<td>Stocked in Clear anodized aluminum</td>
<td>1/4” deflection @ 60#</td>
</tr>
<tr>
<td>6”</td>
<td>SA-06</td>
<td>Stocked in Clear anodized aluminum</td>
<td>1/4” deflection @ 90#</td>
</tr>
<tr>
<td>6”</td>
<td>SAF-06</td>
<td>Stocked in Clear anodized aluminum</td>
<td>1/4” deflection</td>
</tr>
</tbody>
</table>

Note: shelf capacities are cumulative. A 10” deep shelf can support 150# with 1/4” deflection.

EXTRUDED ALUMINUM SHELVES

SA-04/SA-06 ALUMINUM SHELF. This 4” and/or 6” extruded shelf can be supported on Rakks Style (BR-004/BR-006) shelf brackets or used in combination with other shelf sections to make 8” up to 18” deep shelves.

SAF-06 ALUMINUM SHELF FILLER. This 6” filler is used to configure shelf depths requiring three sections. Vertical front and back faces line up with and join the SA-04 or SA-06 sections to create 14”, 16” or 18” deep shelves. Double-sided tape is provided to keep shelf sections aligned.

SA-END SHELF ENDS. A decorative aluminum cap that fits securely to the end of Rakks extruded aluminum shelves. Shelf End attaches to shelf with set screws. Provides a finished end and protects the shelf ends in high traffic areas.

SLIDING BOOKENDS. These adjustable bookends integrate into the base of the aluminum shelves and can be secured at any point along the shelf with a thumbscrew. Use with surface mounted standards or with pole applications having clearance at the back of the shelf. Sliding bookends are available in one size, 8-3/4”.

SAF-06 ALUMINUM SHELF FILLER. This 6” filler is used to configure shelf depths requiring three sections. Vertical front and back faces line up with and join the SA-04 or SA-06 sections to create 14”, 16” or 18” deep shelves. Double-sided tape is provided to keep shelf sections aligned.

Rakks Suspended Wood Shelving

Rakks “Suspended Bracket” is exceptionally strong with low profile support for ¾” wood shelves up to 12” deep. Call for further specifications.

Rakks Suspended Aluminum Shelving

Rakks Suspended Aluminum Shelving is the ideal choice for adding a modern decorative accent to any space. The sleek profile brings an architectural element to any display. Please call for further specifications.

SPECIFICATIONS

- MATERIAL: 6063-T6 extruded aluminum
- LENGTH: Shelves are custom cut and deburred at the factory in any length up to 144”
- THICKNESS: 0.585”
- FINISH: Stocked in Clear anodized aluminum. Available in custom finishes
- CAPACITY: Deflection, based on a uniform load across a 36” span

SA-04 1/4” deflection @ 60#
SA-06 1/4” deflection @ 90#
SAF-06 1/4” deflection @ 90#

Note: shelf capacities are cumulative. A 10” deep shelf can support 150# with 1/4” deflection.

WEIGHTS:
SA-04 0.60 #/ft
SA-06 0.91 #/ft
SAF-06 1.02 #/ft

TAPE: 3M™ VHB 4950 double sided tape 7/16” x 2” is provided to keep shelf sections aligned.

SHELF LIP BRACKET. This Rakks Style bracket allows aluminum shelves to be used for literature and other product display in a slanted configuration. 2” shelf lip bar secured in the notched brackets retains the shelf and creates an attractive lip. Available in any angle and all shelf depths.

SHELF HOLD-DOWN CLIP. Used to secure shelves to brackets so that they cannot be easily removed. Recommended for light-weight applications where shelves might slide side-to-side. Clip attaches to shelves and bracket with set screws. Model SA-HLD.

SHELF SPLINE. Used to join shelf sections end-to-end to create a continuous shelf in excess of 12’. Aluminum spline fits securely into shelf bottom keeping shelves in alignment. Model SA-SP1.

Note: shelves must always join at a bracket.

LABEL HOLDER. Attaches to the front edge of SA-06 and SA-04 aluminum shelves using a hidden thumbscrew. Holds 1/2” tall labels. Lengths as specified. Model SA-LBL.
Rakks Counter Support Brackets

**EH-1209.** Used to support counters up to 13” deep or incorporated into casework to provide structural bracing. These brackets provide a modern looking alternative to wooden corbels.

**EH-1212.** Used to support counters up to 18” deep or incorporated into casework to provide structural bracing. Bracket can be easily cut in the field to accommodate shorter counters.

**EH-1818.** Used to support counters up to 25” deep, brackets should be screwed into blocking or stud at a maximum spacing of 48”. 2” wide mounting surface provides extra support where counter sections join.

**EH-1824.** Used to support counters up to 30” deep. These light-weight and easy-to-ship brackets are manufactured from 2” x 3” “T” to provide maximum stiffness. When the 24” leg is against the wall, this bracket can also be used to support 24” deep counters.

**EC-0808 / EC-0812.** Used to support counters up to 12 inches and 18 inches deep. Modern design and easy to install without visible hardware. If your counter has been installed, you can use our optional Face-plate Mounting Kit. Available in clear, black or bronze.

**EC-MP.** The optional Face plate mounting kit allows you to screw the bracket to the wall using #8 x 2 inch color matched screws.

**SPECIFICATIONS - COUNTER SUPPORTS**

**MATERIAL:**
6063 T-6 extruded aluminum

**FINISH:**
Stocked in mill (unfinished) aluminum, off-white powder-coat, primed or clear anodized finishes

**CONSTRUCTION:**
Formed back and TIG welded along both 45º mitered sides
EH-1818 and all flush mounted brackets are welded across the back. All sharp edges ground and deburred

**HARDWARE:**
5/16” holes accept 1/4” screws

**INSTALLATION:**
48” maximum spacing into studs or blocking or as specified by counter top supplier

**OPTIONS:**
Flush Mount configuration
Grommet
Custom sizes and finishes
Faceplate cover

**CAPACITIES AND APPLICATIONS:**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>HEIGHT</th>
<th>DEPTH</th>
<th>MATERIAL</th>
<th>GAUGE</th>
<th>CAPACITY</th>
<th>APPLICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>EH-1209</td>
<td>12”</td>
<td>0”</td>
<td>2” x 2” T</td>
<td>3/16” Top</td>
<td>650 lbs/Bracket</td>
<td>13” Counters</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1/4” Web</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EH-1212</td>
<td>12”</td>
<td>12”</td>
<td>2” x 2” T</td>
<td>3/16” Top</td>
<td>650 lbs/Bracket</td>
<td>18” Counters</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1/4” Web</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EH-1818</td>
<td>18”</td>
<td>18”</td>
<td>2” x 2” T</td>
<td>1/4”</td>
<td>450 lbs/Bracket</td>
<td>24” Counters</td>
</tr>
<tr>
<td>EH-1824</td>
<td>18”</td>
<td>24”</td>
<td>2” x 3” T</td>
<td>3/16”</td>
<td>450 lbs/Bracket</td>
<td>30” Counters</td>
</tr>
<tr>
<td>EC-0808</td>
<td>8-5/8”</td>
<td>8-5/8”</td>
<td>1-1/4” Hollow</td>
<td>1/8”</td>
<td>125 lbs/Bracket</td>
<td>12” Counters</td>
</tr>
<tr>
<td>EC-0812</td>
<td>8-5/8”</td>
<td>12-5/8”</td>
<td>1-1/4” Hollow</td>
<td>1/8”</td>
<td>100 lbs/Bracket</td>
<td>18” Counters</td>
</tr>
<tr>
<td>EC-MP</td>
<td>8-5/8”</td>
<td>2”</td>
<td>Aluminum Bar</td>
<td>1/4”</td>
<td>100-125 lbs/Bracket</td>
<td>12”-18” Counters</td>
</tr>
</tbody>
</table>

**Notes:**
Capacities represent a uniformly distributed, static load, per bracket.
Spacing of brackets should take into consideration anticipated loads and counter top material.
Rakks Counter Support Brackets

COUNTER SUPPORT BRACKETS
Rakks counter support brackets provide a strong and easy-to-install alternative to full-height laminated panels. In the surface mounted configurations brackets are screwed into the finished wall. In the flush-mounted configurations, the vertical leg is screwed to the side of the stud and hidden behind the drywall. Stocked in mill (unfinished) aluminum, off-white powder-coat, primed, black powder-coat and clear anodized aluminum, Rakks Counter Brackets are available for immediate shipment.

Flush mounted bracket mounts to the right side of the stud.

VANITY BRACKET. Vanity brackets are fabricated in a standard size of 18” x 21-1/2”. Also offered in a custom made-to-order brackets support sinks and provide a stable mounting surface for custom-built enclosures. Wooden strips on the front faces of the bracket provide a convenient mounting surface for laminated or solid surface panels. Meets ADA requirements.

GROMMET Option. Used for under-counter wire management. Rubber grommet with 5/8” diameter opening can accommodate an RJ-45 connector or wire ties.

SILL SUPPORTS. Manufactured from structural aluminum angle, these brackets can be used anywhere low-profile support or bracing is required. Available in two sizes:
FB-0404: 3-1/2” x 3-1/2” and
FB-0406: 4” x 6”

Flush Mount. For applications requiring nearly invisible support, these brackets use an L-shaped vertical leg that is screwed to the side of the stud. After installation of the bracket, drywall is installed around the bracket hiding the vertical support. Aluminum faceplates with adhesive backing create a finished installation.

Bench Mount. Used for seating applications incorporating 5” wooden plankling. The supporting arm is pre-drilled with 12 holes to provide secure installation. Manufactured from 2” x 3” T to provide maximum stiffness.

CUSTOM EH BRACKET. Used in applications requiring an angled surface, any EH bracket can be ordered in the slant mount configuration. Please specify size and angle.

SPECIALTY BRACKETS
For applications requiring nearly invisible support, these brackets use an L-shaped vertical leg that is screwed to the side of the stud. After installation of the bracket, drywall is installed around the bracket hiding the vertical support. Aluminum faceplates with adhesive backing create a finished installation.

**Table:**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>HEIGHT</th>
<th>DEPTH</th>
<th>MATERIAL</th>
<th>GAUGE</th>
<th>CAPACITY</th>
<th>APPLICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>EH-1209FM</td>
<td>12”</td>
<td>11”</td>
<td>2” x 2” T &amp; 2” x 2” L</td>
<td>1/4”</td>
<td>430 lbs/Bracket</td>
<td>Flush Mount</td>
</tr>
<tr>
<td>EH-1212FM</td>
<td>12”</td>
<td>14”</td>
<td>2” x 2” T &amp; 2” x 2” L</td>
<td>1/4”</td>
<td>430 lbs/Bracket</td>
<td>Flush Mount</td>
</tr>
<tr>
<td>EH-1818FM</td>
<td>18”</td>
<td>20”</td>
<td>2” x 2” T &amp; 2” x 2” L</td>
<td>1/4”</td>
<td>300 lbs/Bracket</td>
<td>Flush Mount</td>
</tr>
<tr>
<td>EH-1824FM</td>
<td>18”</td>
<td>26”</td>
<td>2” x 3” T &amp; 2” x 2” L</td>
<td>3/16”</td>
<td>300 lbs/Bracket</td>
<td>Flush Mount</td>
</tr>
<tr>
<td>EH1416B</td>
<td>14.25”</td>
<td>15.75”</td>
<td>2” x 3” T</td>
<td>1/4”</td>
<td>450 lbs/Bracket</td>
<td>Bench Seating</td>
</tr>
<tr>
<td>FB-0404</td>
<td>3-1/2”</td>
<td>3-1/2”</td>
<td>6061 Aluminum</td>
<td>1/4”</td>
<td>120 lbs/Bracket</td>
<td>5” Sills</td>
</tr>
<tr>
<td>FB-0406</td>
<td>4”</td>
<td>6”</td>
<td>6061 Aluminum</td>
<td>3/8”</td>
<td>150 lbs/Bracket</td>
<td>10” Sills</td>
</tr>
</tbody>
</table>
HANDRAIL SYSTEMS

Rakks Handrail System 700 beautifully combines the strength and economy of extruded aluminum with solid wood components to provide a sturdy, attractive, and cost-effective solution for handrail and crashrail applications. Expertly sanded and finished hardwood components, including inside and outside corners, and ends create an ergonomic design.

Wood components and trim are available in oak, maple, cherry, and mahogany in either clear or stained finishes. The aluminum railing body is available in clear and black anodized aluminum or in custom powder-coated and anodized finishes. A two-piece mounting bracket allows for easy installation and removal. Mounting brackets also function as splines—allowing multiple pieces to be joined for long runs.

HANDRAIL MOUNTING BRACKETS

Rakks Handrail Mounting Brackets consist of two heavy gauge aluminum parts; one is attached to the wall and the other to the handrail prior to installation. The unique design of this bracket system compensates for a wide margin of installation error and wall irregularities. Slots, in perpendicular axes to each other, provide an automatic adjustment of up to 1/2” to assure a quality installation.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
<th>SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>RS-700</td>
<td>Railing Body</td>
<td>9-1/2’ Foot nominal lengths</td>
</tr>
<tr>
<td>RC-700</td>
<td>Inside/Outside Corner w/Alignment Pins</td>
<td>1-1/2” Inside radius</td>
</tr>
<tr>
<td>HR-700</td>
<td>Mounting Bracket Kit with Hardware</td>
<td>Adjust rail from 1-1/2’ to 2’</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
<th>SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>HR-303</td>
<td>Mounting Bracket for 4” to 7” Rail</td>
<td>2-1/2” x 1-3/4”</td>
</tr>
<tr>
<td>HR-203</td>
<td>Mounting Bracket for 7” Rail</td>
<td>1-3/4” x 2-7/8”</td>
</tr>
</tbody>
</table>
### How to Specify Rakks Products

<table>
<thead>
<tr>
<th>SPECIFYING STANDARDS</th>
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</tr>
</thead>
</table>
| 1) Specify Model (C, M, E, G, D, Q).  
   **Note:** Q-standards are compatible with BR and TB Brackets only.  
| 1) Specify Model: BR, BR2, TB, BU, BA, BTR, BF or BL.  
   **Note:** L-Brackets (BL) must be used with PC2 poles. |
| 2) Specify Length (up to 144”).  
| 2) Specify Shelf Depths.  
   **Note:** BR, TB, and BL Brackets will support shelves up to 24” deep.  
   BU Universal Brackets will support shelves from 9” to 14” deep.  
   BA, BTR, and BF Brackets will support shelves up to 12” deep. |
| 3) Specify Surface or Recessed Mounting.  
| 3) Specify Finish: clear anodized, black anodized, white powder-coat or custom.  
   **Note:** Aria (BA) Brackets are stocked in clear and black only. |
| 4) Specify Spacing. We suggest a maximum spacing of 32” for most applications. For heavy loads shorter spans may be required.  
   **Note:** Specified spacing should be determined by the weight capacity of the brackets and the strength of the shelf.  
| 4) Specify Options and Accessories: Retaining Pins, Shelf Rests, Shelf Couplers, Bookends, Glass Hold Down, Hangbars.  
   **Note:** Rakks Extruded Aluminum shelves should be supported with Rakks Style BR or BR2 Brackets. |
| 5) Specify Finish: clear anodized, black anodized, white powder-coat or custom.  
| 5) Specify Make-To-Order Configurations: Slanted, Notched, Shelf Lip, Face-Out, Waterfall.  
   **Note:** Rakks Extruded Aluminum shelves should be supported with Rakks Style BR or BR2 Brackets. |
| 6) Specify Access Slot locations if required.  
| 5) Specify Options: Grommets, Spline Connectors, Channel Nut Plates, Panel Framing Channels, Hinges, Endcaps, Lamp Bracket, Threaded Insert.  
| 6) Specify Options: Grommets, Shelf Hold-Down Clip, Label Holder.  
   **Note:** Rakks Extruded Aluminum shelves should be supported with Rakks Style BR or BR2 Brackets. Specify Retaining Pins for Wall-Mounted and L-bracket applications. |

### SPECIFYING POLES

<table>
<thead>
<tr>
<th>SPECIFYING POLES</th>
</tr>
</thead>
</table>
| 1) Select Model (PL, PC2, PC4, PS4, PD6).  
| 1) Specify Counter Depth – up to 30”. We will cut any Counter Support Bracket down to a smaller size. |
| 2) Specify Length:  
   PL poles – up to 11’ floor-to-ceiling with extension.  
   PC2, PC4, PS4 up to 12’ floor-to-ceiling.  
   PD6 up to 16’ floor-to-ceiling.  
| 2) Specify Mounting Configuration: Surface Mount or “in-wall” Flush Mount.  
| 3) Specify Pole Configuration. See pages 2-3.  
| 3) Specify Finish: clear anodized, black anodized, white powder-coat or custom.  
   **Note:** PS4 and PD6 are not stocked in white. |
| 4) Specify Finish: mill (unfinished) aluminum, off-white powder-coat, primed, clear anodized or custom.  
| 4) Specify Options: Face Plates for flush mount, Grommets for wire management. |
| 5) Specify Access Slot Locations if required.  
| 5) Angled and Vanity Brackets are made to order. A dimensioned drawing with specified angles may be required. |
| 6) Specify Options: Grommets, Spline Connectors, Channel Nut Plates, Panel Framing Channels, Hinges, Endcaps, Lamp Bracket, Threaded Insert.  
| 6) Specify Options-Shelf Spline, Shelf Hold-Down Clip, Label Holder. |

### SPECIFYING EXTRUDED ALUMINUM SHELVES

<table>
<thead>
<tr>
<th>SPECIFYING EXTRUDED ALUMINUM SHELVES</th>
</tr>
</thead>
</table>
| 1) Specify Shelf Depth from 4” – 18” – see shelf combinations page 9.  
| 1) Specify Shelf Depths up to 144”.  
   **Note:** shelves can be joined end-to-end at a bracket, with shelf splines. |
| 2) Specify Shelf Lengths up to 144”.  
| 3) Specify Finish: clear anodized (stocked) or custom. |
| 3) Specify Finish: clear anodized (stocked) or custom.  
| 4) Specify Options-Shelf Spline, Shelf Hold-Down Clip, Label Holder.  
   **Note:** Rakks Extruded Aluminum shelves should be supported with Rakks Style BR or BR2 Brackets. Specify Retaining Pins for Wall-Mounted and L-bracket applications. |

### SPECIFYING HANDRAIL PRODUCTS

<table>
<thead>
<tr>
<th>SPECIFYING HANDRAIL PRODUCTS</th>
</tr>
</thead>
</table>
| 1) Handrail Mounting Brackets are available in 2 configurations:  
   HR-203 or HR-303.  
| 1) For HR-700 system. Specify wood and aluminum finishes. |
| 2) For HR-700 system. Specify wood and aluminum finishes. |

### TECHNICAL AND DESIGN SUPPORT

Please call Rangine Corporation’s experienced engineering and technical sales staff for assistance in designing your project or specifying Rakks. We are eager to support you with additional technical specifications, samples, prototypes, or custom design.

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Toggler™ is a trademark of Mechanical Plastics Corp.
RANGINE CORPORATION

Founded in 1971, Rangine Corporation has been devoted to the design, development and production of innovative architectural shelving systems. Starting with the introduction of the original Rakks Shelf Bracket and wall mounted Standard, our shelving systems have been continuously improved and expanded to provide attractive, flexible, and affordable shelving and display solutions. Our specialty brackets provide practical solutions for the installation of counters and railings while reducing installation costs.

Rakks Shelving Systems and Specialty Brackets are designed and manufactured in Rangine Corporation’s headquarters, located in Needham, Massachusetts (approximately 15 miles west of Boston).

WARRANTY

Rakks Products are covered by a one year replacement warranty against all defects in material and workmanship.

DESIGNS

All designs presented are, and remain the property of Rangine Corporation. Rangine Corporation reserves the right to make changes in specifications, design, and/or construction without prior notification.

DESIGN SERVICES & ADDITIONAL INFORMATION

Rangine Corporation’s experienced engineering and technical sales staff are eager to provide layout and design assistance. Working with your preliminary layout or concept, we will provide a detailed design, parts breakdown and quote for any application.

Call Rangine Corporation at 800-826-6006 for additional specifications, literature or product samples.
By Fax 781-455-8702.
By Email sales@rakks.com