

SELECT Continuous Hinges HINGES® Aluminum Geared

- Stainless Steel Pin & Barrel

Pricing Guide

EFFECTIVE JUNE 1, 2018











Geared Continuous Hinge Product Selection

Since 1993, millions of SELECT Products Limited architectural-grade aluminum Geared Continuous Hinges have been used in schools, hospitals, hotels, offices, airports, stadiums, storefronts and commercial and industrial buildings in new construction and retrofit applications.

SELECT offers a Continuous Warranty™ on our Geared Continuous Hinges (see page 19 for Geared Hinge Warranty statement). We confidently offer this warranty because more than 25 million test cycles at an independent lab proved the durability of SELECT geared hinges.

SELECT hinges outperform most entrance components because they distribute door weight along the full length of the door frame. They offer a patented 3-HR. Fire Rating without pins or studs and are approved for both positive and negative pressure. They come in standard 83", 85", 95" and 120" hinge lengths, anodized Clear or Dark Bronze and offer a variety of custom lengths, custom anodizing, custom painted finishes and custom electric preparations.

There are no finer, longer lasting, better designed and manufactured geared continuous hinges on the market today.

BENEFITS OF GEARED HINGES

- Longer Lasting Completely anodized after machining, a SELECT hinge shrugs off the elements and resists wear.
- Parallel Performance Hinge leaves are Pair-Matched and numbered during manufacturing to work smoothly as a unit.
- Reduced Maintenance Wear points are factory-lubricated for life.
- Fire Protection Patented 3-HR. Fire Rating option (without fire pins or studs) is approved for both positive and negative pressure.
- Easy-Opening On Extra-Heavy Doors Full-length continuous gears support the whole door, move smoothly with the least effort.
- Constant Proper Alignment Gears align entire door to frame for less deflection, warp or sag.
- Smooth Operation Self-lubricating bearings assure quiet, long life.
- Lower Service Life Costs SELECT Geared Continuous Hinges are covered by a Continuous Warranty.
- Increased Security Full-length gears and channel covers prevent tampering.
- **Easy Installation** Templated screw hole patterns allow advance preparation for precise fit with no wasted time.
- Rapid Installation 410 SS Self-Drilling, Thread-Forming screws with added corrosion protection.
- Less-Costly Installation Non-handed hinge design prevents mistakes.
- **Easy Upgrades** The same screw hole patterns on Standard and Heavy Duty hinges allow easy interchange should doorway traffic increase.
- **Easily Modified** Add electrical power transfer, custom colors, etc.

STANDARD ORDERS

- Shipping 48 hours or less ARO for standard products. Large quantities and custom processing may require additional time.
- Drop Shipments There will be a charge of \$15 net for drop shipments.
- Terms Net 30 days.
- Freight Net amounts of \$1,500 or more: Prepaid and allowed, routing of our choice. (48 contiguous states and Canada only.) Net amounts less than \$1,500: Freight costs are prepaid and added. (48 contiguous states and Canada only.)
- Special Shipments Oversized shipments (greater than 95" long) will ship via FedEx 3-Day or truck only. Additional fees may apply to orders shipped outside the 48 contiguous states, special packaging and advance notification requests. Please consult with SELECT.

GEARED HINGES IN STOCK

- Lengths 83" / 85" / 95" / 120". SELECT hinges are normally 1" shorter than actual opening height. Custom lengths can be ordered (see page 5).
- Standard Colors Anodized after machining. Custom colors can be ordered (see page 5).
 - **CL**=Clear **BR**=Dark Bronze **BK**=Black (in stock: SL11 only)
- Load/Frequency Rating For 1-3/4" doors except where noted; 48" max. door width. Frequency of use and door weight determine the hinge duty needed. SELECT Geared Continuous Hinge model numbers indicate appropriate hinge duty.
- Standard Duty [SD] For medium-frequency doors up to 200 lb.
- Heavy Duty [HD] Up to 200 lb. for high-frequency doors; up to 400 lb. for medium-frequency doors; up to 600 lb. for lowfrequency doors.
- Heavy Duty [LL] Our HD hinge with additional fastener holes for low-frequency doors up to 1,000 lb., including most lead-
- Door Insets Choose the SELECT hinge model to match your door inset. Door insets are indicated next to applicable hinge models listed on pages 7-11.

Electrical Modifications

No discounts apply to net add items. Specify prep locations from top of hinge. See SELECT catalog for specific prep locations. Hinges prepared with electrical modifications are non-returnable.

Lead times may vary depending on the number of hinges ordered. Changes/cancellations on custom-modified hinge orders are subject to charges for work already performed and materials utilized.

Electric Power Transfer Prep [EPT Prep]

Hinges can be prepared for a variety of power transfer units. Specify VD-EPT for Von Duprin EPT2, EPT10 or PNT1. All others, refer to SELECT catalog EPT order form. Available on models SL11, SL14, SL18, SL24, SL26, SL27, SL31, SL44, SL48, SL52, SL53, SL54, SL77 and SL84. Handing required except for VD-EPT on SL11 and SL27 hinges.

EPT prep \$35 net add per prep

■ Electric Power Transfer Prep [EPT Prep] on SL40 & SL41

If an EPT prep is required on models SL40 (wide throw) or SL41 (swing clear), please consult the factory for engineering approval and upcharge.

■ Exposed Electric Monitor Switch [EMS]

One EMS switch needed per monitoring hinge. 120V AC @ 250MA 30W maximum. Available on models SL11, SL14, SL18, SL24, SL26, SL27, SL31, SL38, SL40, SL41, SL44, SL48 and SL84. Handing required.

EMS \$40 net add per EMS



SL57 with CTW-4

Concealed Through-Wire [CTW]

Continuous electric conductors fit in bearing slots. See SELECT catalog for templates. Per conductor: 12V-24V AC/DC @ 3-6 amps. Ultra flexible 22 gauge wire with 8" leads per leaf. All CTW options available on heavy duty (HD and LL) models SL11, SL14, SL18, SL24, SL26, SL27 and SL84. Standard and heavy duty model SL57 and standard duty models SL11, SL14, SL18 and SL24 available with 4- or 5-wire CTW only. Handing required, except for SL11 and SL27.

CTW-4 (4-wire)	\$93 net add per CTW-4
CTW-5 (5-wire)	\$97 net add per CTW-5
CTW-8 (8-wire)	. \$108 net add per CTW-8
CTW-10 (10-wire)	\$118 net add per CTW-10
CTW-12 (12-wire)	\$134 net add per CTW-12
Extra-long leads (optional, 48" m	nax.) \$24 net add

■ Concealed Adjustable Magnetic Monitor Switch Prep [CMG Prep]

22 gauge wire, 14" leads, 28 volts DC. Available on models SL11, SL14, SL18, SL24, SL26, SL27, SL31, SL38, SL40, SL41, SL44, SL48 and SL84. Handing required.

CMG Prep \$88 net add per CMG

Electrical Access Panel Preps

No discounts apply to net add items. Hinges prepared with custom processing are non-returnable.

Electrical Access Panels [RP Prep] or [AP Prep]

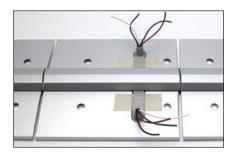
Available on models SL11, SL14, SL18, SL24, SL26, SL27, SL31, SL38, SL44, SL48 and SL84. Engineering approval is required and handing is required. Electrical Access Panels are recommended for EMS, CTW and CMG Preps.

The Accessible Panel (AP) opens to allow electrical diagnostics, while the Removable Panel (RP) can be removed to service electrical wiring without removing door.

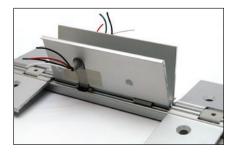
AP Prep \$85 net add per prep RP Prep \$75 net add per prep

NOTE: Electrical modification not included and must be ordered separately.

Lead times may vary depending on the number of hinges ordered. Changes/cancellations on custom-modified hinge orders are subject to charges for work already performed and materials utilized.



SHOWN: RP Prep (\$75.00 + CTW-4 (\$93.00) \$168.00 net



SHOWN: AP Prep (\$85.00 + CTW-4 (\$93.00) \$178.00 net

Accessible Through-Wire Preps

No discounts apply to net add items. Specify prep locations from top of hinge. See SELECT catalog for specific prep locations. Hinges prepared with electrical modifications are non-returnable.

Lead times may vary depending on the number of hinges ordered. Changes/cancellations on custom-modified hinge orders are subject to charges for work already performed and materials utilized.

Accessible Through-Wire Prep [ATW]

Recessed continuous electric conductors with removable/ accessible panel. No cuts in hinge leaves or cap for optimum hinge performance and appearance. See SELECT catalog for templates. Per conductor: 12V-24V AC/DC @ 3-6 amps. Ultra flexible 22 gauge wire with 8" leads. Molex® connectors included per leaf. Available on models SL11, SL14, SL18, SL24, SL26, SL27, SL31, SL44, SL48 and SL84. Handing required, except for SL11 and SL27.





SL11 with ATW-8, panel closed

SL11 with ATW-8, one side open

ATW-4 (4-wire)	\$160 net add per ATW-4
ATW-8 (8-wire)	\$170 net add per ATW-8
ATW-12 (12-wire)	\$185 net add per ATW-12

NOTE: For 90-degree openings, please specify at time of order for no upcharge. 90-degree ATW cover plates are \$16 net when ordered separately and clear or bronze must be specified.

■ NEW! Accessible Through-Wire Removable Panel Prep [ATWRP]

Retrofit option available to electrify an existing concealed hinge or to fix a failed electronic entryway. Specify hinge model for which the panel is needed, and Clear [CL] or Dark Bronze [BR] finish. ATWRP modification has no warranty.



SL11 with ATWRP

ATW4RP (4-wire)	\$160 net add per
ATW8RP (8-wire)	\$170 net add per
ATW12RP (12-wire)	\$185 net add per

NOTE: ATWRP prep is not covered under the SELECT warranty.

■ 12-Wire Lead Adaptors with Molex® Connectors

ATW Adaptors with 12-wire Molex® connectors are available in 4 lengths from 8" to 120".

ATWADPT8 (8")	\$12 net
ATWADPT24 (24")	\$15 net
ATWADPT48 (48")	\$18 net
ATWADPT120 (120")	\$28 net

Fire-Rated Hinges

No discounts apply to net add items. Hinges prepared with custom processing are non-returnable.

All SELECT hinges have been UL® tested and listed to 90-minute Fire Rating Standards without fire pins or studs—at no extra cost (excluding SL71 and Toilet Partition models).

PATENTED DESIGN OPTION

Only SELECT's patented process allows A-Label Fire Listing for up to 3 hours without fire pins or studs. SELECT hinges have been tested by Underwriters Laboratories, Inc. to meet the Positive and Negative pressure requirements of UL10B, UL10C and UBC 7.2 (1997).

THE FOLLOWING HINGES ARE LISTED BY UNDERWRITERS LABORATORIES, INC. TO U.S. AND CANADIAN SAFETY STANDARDS: DOOR HINGES SELECT PRODUCTS LIMITED, PORTAGE, MI 49024 R16019 ALUMINUM CONTINUOUS HINGES:

Models SL11, SL14, SL18, SL21, SL24, SL26, SL27, SL31, SL38, SL40, SL41, SL44, SL48, SL52, SL53, SL54, SL57 and SL84 for use on swinging single or pairs of fire doors, including double egress, up to 3 hours (not available on SL38) for hollow metal or steel covered composite and 1-1/2 hours for wood composite and wood core type fire doors with a maximum size of 4 ft. wide and 10 ft. high, installed in masonry or drywall.

UL Labeled 3-HR. Fire Rating

[FR3] \$15 net add per hinge

NOTE: Not available on SL38.



Optional Preps & Accessories

CUSTOM PROCESSING

- Express Shipments...... \$10 net add per hinge Order by noon (EST). Most hinges shipped out the same day.
- Special Packaging...... \$10 net add per package Specially reinforced packaging to prevent in-transit damage, including single-hinge shipments.
- Individual Hinge Marking......\$1 net add per hinge
- Extra-Long Hinges [LH Prep] \$45 net add per splice 168" maximum length. Leaves are spliced together, with a staggered joint and continuous gear cap. Pricing based upon number of hinges used plus splicing charge per hinge. Handing required except for SL11, SL21, SL27, SL40 and SL57. Not available on SL31, SL38, SL44, SL48 or SL60/62.
- Custom-Cut Hinges [MACH Prep] \$5 net add per hinge Cutting more than 5" off standard length (excluding SL60/62). For SL60/62, contact SELECT for a quote. Handing required, except on SL11, SL21, SL27, SL38, SL40, SL57 and SL60/62.
- Cutting Hinges in the Field See SELECT Installation Instructions and Warranty for specific information regarding field alterations.
- Dutch Door Hinges [DD Prep]...... \$40 net add per hinge Frame leaf is furnished as a continuous length. Door leaf is cut to fit the specified Dutch Door height. Required: Handing and measurements for net hinge length, top door leaf length, bottom door leaf length and clearance (3/16" min.) between top and bottom leaves. Not available on SL60/62.
- Header Gap Prep [HDRGAP Prep] . . . \$10 net add per hinge No more shimming! Door leaf trimmed 1/8" at the top and bottom to incorporate clearance required for installation. No handing required; available on all models.

CUSTOM COLORS

- Bone White Gear Cap \$24.50 net add per hinge Color: Bone White only; 2 coats Kynar 500; 70% resin Valspar: 391X035 PPG: UC43350 In-Stock: Lengths 95" and under.
- Custom Anodized Colors...... Contact SELECT for quote SELECT hinges are available in a wide variety of custom anodized colors, including:

BK= Black (in stock: SL11 only) **CH** = Champagne Orders require a set-up charge. Lead time of up to 6-8 weeks may be needed.

■ Custom Kynar® Paint Color Contact SELECT for quote Gear caps or entire hinges on all models of SELECT hinges can be custom painted. Custom paint orders are individually quoted and require color approvals. Lead time of up to 4-6 weeks may be needed.

SECURITY PREPS

- Security Option [SO Prep] \$20 net add per hinge Non-removable bearing added at top of hinge to prevent material from falling into the opening between cap and gears. Hinge must be installed with security bearing at top of door. Handing required, except for SL11, SL27, SL38 and SL40. Not available on hinges longer than 95". Not available with Hospital Tip.
- Tamper-Resistant Hinge [SO Prep B] \$30 net add per hinge Entire hinge prepared with set screws installed in every other bearing and tightened against inside of gear cap for additional security against tampering.

NEW! SHIM STOCK

Reduce clearance between the door and frame with Concealed hinges, or provide additional door inset from the frame with Full Surface and Half Surface hinges.

- Aluminum Shim Stock [SH8X1295]..... \$16 net add each Clear anodized, 1/8" × 1-1/2", 95" long, no holes.
- UHMW Shim Stock

Self-adhesive translucent material. Cannot be used on fire doors. Available in 100-foot rolls

SHRL32X112 1/32" x 1-1/2" x 100'	\$105 net
SHRL32X12 1/32" x 1/2" x 100'	\$45 net
SHRL62X112 1/16" x 1-1/2" x 100'	\$140 net
SHRL62X12 1/16" x 1/2" 'x 100'	\$65 net

LEAF COVERS

- Door Leaf Replacement Cover \$21 net add per cover For SL21, SL53, SL54, SL57 and SL77. Clear or Dark Bronze anodized aluminum.
- Frame Leaf Replacement Cover..... \$21 net add per cover For SL52 and SL57. Clear or Dark Bronze anodized aluminum.
- Lead Lined Door Leaf Cover \$48 net add per cover For SL21, SL53, SL54, SL57 and SL77. Clear or Dark Bronze anodized aluminum.
- Lead Lined Frame Leaf Cover...... \$48 net add per cover For SL52 and SL57. Clear or Dark Bronze anodized aluminum.

HOLE COVERS

■ Pivot Hinge Hole Cover. \$2.25 net add per cover Cover holes left by previous door prep. Specify Clear or Dark Bronze. Minimum order quantity: 25 of one color.

NEW! THROUGH-BOLT DRILL BIT

.375" hole diameter, specially designed for SELECT hinges. Eliminates need for center punch.

■ HB375 Drill Bit......\$14.75 net add per bit

Geared Hinge Fasteners

STANDARD FASTENERS

All SELECT hinges are shipped with Self-Drilling, Thread-Forming, Stainless Steel Screws (SDTF) unless otherwise requested.

NOTE: We do not recommend the use of self-drilling, thread-forming screws in grouted frames.



■ **SDTF** 12-24 × 3/4", Self-Drilling, Thread-Forming, 410 SS Screws, Phillips Undercut Flathead

OPTIONAL FASTENERS

The optional fasteners listed below may be requested at no upcharge, and must be specified on the original purchase order:

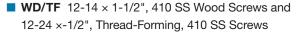


Phillips Undercut Flathead (pilot hole required)

■ **TF** 12-24 × 1/2", Thread-Forming, 410 SS Screws,

■ WD 12-14 × 1-1/2", 410 SS Wood Screws





TORX® SECURITY FASTENERS

Optional Torx® security fasteners are available at extra cost.



For Metal Doors \$0.45 net add per screw Tamper-resistant 12-24 × 1/2" thread-forming or 12-24 × 3/4" self-drilling, thread-forming 6-lobe T-25 with pin. Clear or Dark Bronze.



For Wood Doors \$0.55 net add per screw Tamper-resistant 12-14 × 1-1/2" 6-lobe T-25 with pin. Clear or Dark Bronze.



Shoulder Screws...... \$1.55 net add per screw Tamper-resistant 1/4-20 6-lobe T-25 with pin. Clear or Dark Bronze.

■ Special Bit for Torx® Screws...... \$1.00 net add

RIVNUT® FASTENERS

Optional Rivnut® fasteners are available at extra cost.

- Rivnuts & Long Fasteners \$1.90 net add per pair Pair: 12-24 × 1" hinge screw with Rivnut. Clear or Dark Bronze.
- Rivnut Installation Tool. \$175 net add per tool

Ligature-Resistant Hospital Tips

No discounts apply to net add items. Hinges prepared with custom processing are non-returnable.

■ TIPIT® for Full Surface, Half Surface, Half Mortise, **Swing Clear and Concealed Safety Hinges** Polymer [TIPIT L]\$40 net add per hinge NEW! Metal [TIPIT LM] \$63 net add per hinge



For SL21 and SL57 full surface hinges, SL52 half mortise hinges, SL53, SL54 and SL77 half surface hinges, SL41 swing clear hinges and SL71 concealed safety hinges. Mounts on surface of frame. above the hinge. Retrofit applications: Fits above most brands of full surface, half surface and swing clear-type

continuous geared hinges. Includes large TIPIT® and four (4) #10 Torx® security screws. Patented design. Polymer TIPIT L available in: $\mathbf{B} = \text{Black } \mathbf{G} = \text{Gray.}$

Hinge Preparation for TIPIT® L [TIPIT PREP]..... \$10 net add per hinge

For SL21 and SL57 full surface hinges, and SL53, SL54 and SL77 half surface hinges. Factory preparation of door leaf covers, for field installation of TIPIT®. Specify [TIPIT PREP] on your hinge order. Patented design.

NOTE: Order TIPIT® L separately from TIPIT PREP.

NOTE: TIPIT PREP not necessary for SL41 swing clear hinges, SL52 half mortise hinges or SL71 concealed safety hinges.

■ TIPIT® for Concealed Hinges (excluding Concealed Safety Hinges) Polymer [TIPIT C] \$15 net add per hinge NEW! Metal [TIPIT CM] \$28 net add per hinge



For new or retrofit applications of most concealed hinges. Mounts on surface of frame, above new or existing continuous hinge. Fits above most brands of concealed continuous geared hinges. Includes small TIPIT® and one (1) #10 Torx® security screw. Patented design.

Polymer TIPIT C available in: $\mathbf{B} = \text{Black } \mathbf{G} = \text{Gray.}$

■ Hospital Tip [HT Prep] \$30 net add per hinge



Angle-cut hinge preparation for new concealed hinges up to 95". Available on the following model hinges: SL11, SL14, SL18, SL24, SL26, SL27, SL31, SL38, SL44, SL48 and SL84 concealed hinges only. Handing required, except SL11, SL27 and SL38. Available in: $\mathbf{B} = \text{Black } \mathbf{G} = \text{Gray}$

NOTE: Not available on hinges longer than 95".

NOTE: Not available on SL71 concealed safety hinges, SL21 and SL57 full surface hinges, SL52 half mortise hinges, SL53, SL54 and SL77 half surface hinges, SL40 wide throw hinges, SL41 swing clear hinges or SL60/62 toilet partition hinges.

NOTE: Not available with the Security Option.





CONCEALED

CONCEALED EDGE MOUNT architectural grade aluminum hinges. No mortise required. For new construction or renovation/retrofit.

SL11

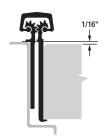
- Concealed hinge
- Flush mounted
- For 1-3/4" doors
- HD/LL = Grade 1



Model #	79"	83" / 85"	95"	120"
SL11 CL SD	-	126	158	-
SL11 CL HD	146	146	190	295
SL11 CL LL	-	171	263	353
SL11 BR SD	-	156	205	-
SL11 BR HD	-	192	241	387
SL11 BR LL	-	241	295	445
SL11 BK SD	-	174	231	-
SL11 BK HD	-	217	269	424
SL11 BK LL	-	270	323	482

SL14

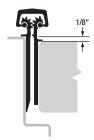
- Concealed hinge
- Narrow frame leaf
- Door edge protector
- 1/16" door inset
- For 1-3/4" doors
- HD = Grade 1



Model #	83" / 85"	95"	120"
SL14 CL SD	128	159	-
SL14 CL HD	160	197	296
SL14 BR SD	156	197	-
SL14 BR HD	198	251	387

SL18

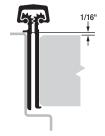
- Concealed hinge
- Beveled frame leaf
- 1/8" door inset
- For 1-3/4" doors
- HD/LL = Grade 1



Model #	83" / 85"	95"	120"
SL18 CL SD	128	159	-
SL18 CL HD	160	197	296
SL18 CL LL	228	251	353
SL18 BR SD	156	197	-
SL18 BR HD	198	250	377
SL18 BR LL	247	304	434

SL24

- Concealed hinge
- Door edge protector
- Frame leaf covers butt hinge preps
- 1/16" door inset
- For 1-3/4" doors
- HD/LL = Grade 1



Model #	79"	83" / 85"	95"	120"
SL24 CL SD	-	128	159	-
SL24 CL HD	152	152	197	296
SL24 CL LL	-	172	251	354
SL24 BR SD	-	156	197	-
SL24 BR HD	-	194	246	377
SL24 BB LL	_	231	300	435

SL26

- Concealed hinge
- For 2" to 2-1/4" doors
- Staggered hole pattern
- For doors up to 1,000 lb.
- Narrow frame leaf
- 3/32" door inset
- Grade 1



Model #	83" / 85"	95"	120"
SL26 CL LL	169	211	330
SL26 BR LL	214	269	425





CONCEALED

CONCEALED EDGE MOUNT architectural grade aluminum hinges. No mortise required. For new construction or renovation/retrofit.

SL27

- Concealed hinge
- For 2" to 2-1/4" doors
- Frame leaf covers butt hinge preps
- Staggered hole pattern
- For doors up to 1,000 lb.
- Flush mounted
- Grade 1



Model #	83" / 85"	95"	120"
SL27 CL LL	169	211	330
SL27 BR LL	214	269	425

SL31

- Concealed hinge
- Short frame leaf allows for removable stop applications
- For 1-3/4" doors
- Flush mounted
- Grade 1



Model #	83"	95"
SL31 CL HD	146	180
SL31 BR HD	182	231

SL38

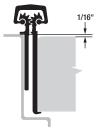
- Concealed hinge
- For 1" to 1-3/8" doors
- Flush mounted



Model #	83"	95"
SL38 CL SD	109	158
SL38 BR SD	138	171

SL44

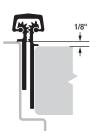
- Concealed hinge
- Short frame leaf allows for removable stop applications
- Door edge protector
- 1/16" door inset
- For 1-3/4" doors
- Grade 1



Model #	83"	95"
SL44 CL HD	146	180
SL44 BR HD	182	231

SL48

- Concealed hinge
- Short frame leaf allows for removable stop applications
- 1/8" door inset
- For 1-3/4" doors
- Grade 1



Model #	83"	95"
SL48 CL HD	146	180
SL48 BR HD	182	231





CONCEALED

CONCEALED EDGE MOUNT architectural grade aluminum hinges. No mortise required. For new construction or renovation/retrofit.

SL71

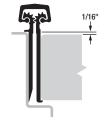
- Concealed safety hinge (when used without frame stop)
- Provides clearance sufficient to avoid the pinching of fingers
- Flush mounted
- For 1-3/4" doors
- Grade 1



Model #	83"	95"
SL71 CL HD	251	338
SL71 BR HD	335	428

NEW! SL84

- Concealed hinge
- Beveled frame leaf
- Door edge protector
- 1/16" door inset
- For 1-3/4" doors
- Grade 1



Model #	83" / 85"	95"	120"
SL84 CL HD	156	197	290
SL84 CL LL	183	219	341
SL84 BR HD	194	246	366
SL84 BR LL	228	273	426

WIDE THROW

Concealed hinge with WIDE THROW for clearance of brick moldings or special door/frame designs.

SL40

- Wide throw hinge
- Clearance of brick moldings or special door/frame designs
- Frame leaf covers butt hinge preps
- Flush mounted
- For 1-3/4" doors
- Grade 1



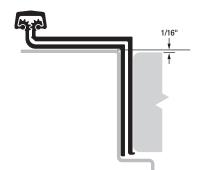
Model #	83" / 85"	95"
SL40 CL HD	356	461
SL40 BR HD	417	571

SWING CLEAR

Concealed hinge with SWING-CLEAR ACTION. Ideal for hospital applications.

SL41

- Swing-clear action
- Door edge protector
- Requires 2-1/4" frame face for full rotation clearance
- 1/16" door inset
- For 1-3/4" doors
- Grade 1



Model #	83" / 85"	95"	120"
SL41 CL HD	262	346	540
SL41 CL LL	311	400	598
SL41 BR HD	349	439	718
SL41 BR LL	398	493	776



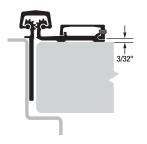


HALF SURFACE

The perfect solution for renovation/retrofit or new construction. MOUNTS ON DOOR FACE AND FRAME RABBET.

SL53

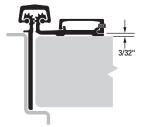
- Half surface hinge
- Narrow frame leaf
- Tamper-resistant, removable door leaf cover
- 3/32" door inset
- For 2" to 2-1/4" doors, request long barrel nuts
- Grade 1



Model #	83" / 85"	95"	120"
SL53 CL HD	214	265	435
SL53 BR HD	279	336	589

SL54

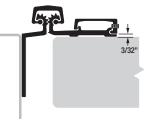
- Half surface hinge
- Frame leaf covers butt hinge preps
- Tamper-resistant, removable door leaf cover
- 3/32" door inset
- For 2" to 2-1/4" doors, request long barrel nuts
- Grade 1



Model #	83" / 85"	95"	120"
SL54 CL HD	221	271	435
SL54 BR HD	279	336	589

NEW! SL77

- Safety hinge (when used without frame stop)
- Provides clearance sufficient to avoid pinching fingers
- Can be used for center-hung applications (without safety feature)
- Tamper-resistant, removable door leaf cover
- 3/32" door inset when used as a safety hinge
- For 2" to 2-1/4" doors, request long barrel nuts
- Grade 1



SAFETY HINGE APPLICATION

CENTER-HUNG APPLICATION

Model #	83"	95"
SL77 CL HD	231	286
SL77 BR HD	295	360





11

HALF MORTISE

The perfect solution for renovation/retrofit or new construction. MOUNTS ON FRAME FACE AND DOOR EDGE.

NEW! SL52

- Half mortise hinge
- Narrow frame
- Door edge protector
- Flush mounted (no door inset)
- For 1-3/4" doors
- Grade 1



Model #	83" / 85"	95"	120"
SL52 CL HD	221	271	431
SL52 BR HD	279	336	566

FULL SURFACE

SURFACE MOUNT ON FACE OF EXISTING OR NEW DOOR AND FRAME. Ideal for renovation/retrofit or new construction.

SL21

- Full surface hinge
- Swing-clear action
- Tamper-resistant, removable door leaf cover
- 1/32" door inset
- For 2" to 2-1/4" doors, request long barrel nuts
- HD = Grade 1



Model #	83" / 85"	95"	120"
SL21 CL SD	181	221	-
SL21 CL HD	221	264	468
SL21 BR SD	230	286	-
SL21 BR HD	256	321	524

SL57

- Full surface hinge
- Center pivot
- Narrow frame
- Tamper-resistant, removable door leaf cover
- 1/16" door inset
- For 2" to 2-1/4" doors, request long barrel nuts
- HD = Grade 1

#PR-060118



Model #	83" / 85"	95"	120"
SL57 CL SD	177	221	-
SL57 CL HD	219	264	469
SL57 BR SD	230	286	-
SL57 BR HD	256	321	525





PART NUMBER INTERCHANGE

SELECT MODELS	ROTON	РЕМКО	MCKINNEY	STANLEY	АВН	PBB	IVES
SL11 SD	780-112	FMSLF/KFM	MCK12	661			
SL11 HD	780-112HD	FMSLFHD/KFMHD	MCK12HD	661HD	A110HD	CG31	112HD
SL11 LL	780-112LL				A110LL		
SL14 SD							
SL14 HD							
SL18 SD	780-111	FMSLI	MCK14				
SL18 HD	780-111HD	FMSLIHD	MCK14HD			CG31I	
SL18 LL	780-111LL						
SL21 SD	780-210	FS	MCK22	665			
SL21 HD	780-210HD	FSHD	MCK22HD	665HD	A210HD	CG33C	210HD
SL24 SD	780-224	FM	MCK25	662			
SL24 HD	780-224HD	FMHD	MCK25HD	662HD	A240HD	CH31	224HD
SL24 LL	780-224LL				A2400LL		
SL26 LL					A260LL	CG31PN	
SL27 LL	780-226HD				A270LL	CG31P	
SL31 HD		SPFMSLF					
SL38 SD	780-110						
SL40 HD	780-235HD	WTFMHD	MCKWTHD				
SL41 HD	780-041HD				A410HD	CG31C	
SL41 LL	780-041LL				A410LL		
SL44 HD		SPFM					
SL48 HD		SPFMSLI					
SL52 HD		HMHD					
SL53 HD	780-053HD				A530HD	CG34N	
SL54 HD	780-054HD	HSHD	MCK54HD	663HD	A540HD	CG34	
SL57 SD	780-157	FSCP	MCK58	664*			
SL57 HD	780-157HD	FSCPHD	MCK58HD	664HD	A570HD	CG33N	157HD
SL71 HD	780-113HD*	FMSLISFHD*			A130HD*		
SL77 HD	780-155HD	HSSFHD			550HD		
SL84 HD							
SL84 LL							
SL60/62							

^{*} Not equivalent hinge but possible SELECT hinge substitution depending on application.

Custom Designed Continuous Hinges

Contact factory for quotations or special-design continuous hinges CustomerService@Select-Hinges.com

No equivalent hinge available from this manufacturer.

Pin & Barrel Continuous Hinge Product Selection

SELECT offers Pin & Barrel Continuous Hinges for those customers who sometimes require hinges made of steel or stainless steel. SELECT Products Limited remains focused on providing you the highest quality products, superior service, and consistently shipping your orders within 48 hours. SELECT Pin & Barrel Continuous Hinges will be shipped within 48 hours ARO. Large volume orders may require longer lead times.

PIN & BARREL HINGES IN STOCK

- Lengths 79" / 83" / 85" / 95" / 119" SELECT hinges are normally 1" shorter than actual opening height. Custom lengths can be ordered (see page 14).
- Hinge Duty All SELECT brand Pin & Barrel Continuous Hinges (excluding SL3500 and Toilet Partition models) are designed for 1-3/4" doors, medium-frequency up to 400 lb. or low-frequency up to 600 lb. (4 ft. maximum door width).
- Finishes US32D Satin finish is standard on all stainless steel hinges. Standard carbon steel hinges are zinc plated. Standard aluminum hinges have a bright dipped anodized finish. Custom finishes, including painted and polished, are available (see page 14).

STANDARD ORDERS

- Shipping 48 hours or less ARO for standard products. Large quantities and custom processing may require additional time.
- Terms Net 30 days.
- Freight Net amounts of \$1,500 or more: Prepaid and allowed, routing of our choice. (48 contiguous states and Canada only.) Net amounts less than \$1,500: Freight costs are prepaid and added. (48 contiguous states and Canada only.)
- Special Shipments Oversized shipments (greater than 95" long) will ship via FedEx 3-Day or truck only. Additional fees may apply to orders shipped outside the 48 contiguous states, special packaging and advance notification requests. Please consult with SELECT.

FIRE-RATED PIN & BARREL HINGES

■ UL® Labeled Fire Rating The following SELECT Pin & Barrel Continuous Hinges have been tested by Underwriters Laboratories, Inc. to meet the Positive pressure requirements of UBC 7.2 and are listed by Underwriters Laboratories, Inc. to U.S. and Canadian safety standards:



Models SL300, SL302, SL303, SL305, SL306, SL308, SL309, SL310, SL311, SL315, SL3500 and SL200 for use on singlemounted doors, up to 3 hours for hollow metal doors, 1-1/2 hours for hollow metal and composite core wood fire doors, and 20 minutes for wood doors.

DUST-FREE (MEDICAL) BEARINGS





- Dust-Free (Medical) flanged double bearings are standard on all SELECT Pin & Barrel continuous hinges except Toilet Partition hinges.
- Prevent metal-to-metal contact for longer hinge life.
- Eliminate dust for "clean room" applications.

PART NUMBER INTERCHANGE

SELECT MODELS	MARKAR	HAGER	РЕМКО	MCKINNEY	STANLEY	ABH	IVES
SL300	FM-300	790-900	SPBFM	MCK FM300	651	A500	700
SL302	FS-302		SPBFS	MCK FS302	657	A502	702
SL303	HS-303	790-903	SPBHS	MCK HS303		A503	
SL305	HG-305	790-905	SPBFMDEG	MCK HG305	652	A505	705
SL306	HG-306	790-906		MCK HG306	655	A506	
SL308	EG-308		SDEG		EG2/2B	A528F	
SL309	FS/SC-309	790-909	SPBFSSC	MCK FS309			
SL310	HG-310			MCK HG310			
SL311	HG-311			MCK HG311	656	A511	711
SL315	HG-315		SPBFMEG				
SL3500	FM-3500		SPBFMHD				
SL200	FM-200			FM3700	641		600
SL402TP	FS-402-TP						
SL902TP	FS-902-TP						

No equivalent hinge available from this manufacturer.

Optional Hinge Preps & Fasteners

Lead times may vary depending on the number of hinges to be custom prepared. Please contact SELECT for verification of the lead time required. Changes or cancellations on custom processed orders are subject to charges for work already performed and materials utilized.

ELECTRICAL MODIFICATIONS

No discounts apply to net add items. Specify prep locations from top of hinge. See SELECT catalog for specific prep locations. Handing required for all electrical modifications. Hinges prepared with electrical modifications are non-returnable.

- Current Transfer Prep [CTP] Hinge leaf cutout for EPT. Standard location is centerline. Provide location for all non-standard locations. Handing
 - AR-CTP (Adams-Rite) \$58 net add per CTP VD-CTP (Von Duprin) \$58 net add per CTP
- Concealed Current Transfer [EL] 28 gauge wires. EL-4 (4-wire) \$235 net add per EL
- Adjustable Concealed Monitor Switch [AMS] Rigid welded assembly allows monitoring switch adjustments for all applications.
- Electrical Transfer Access Prep [ETAP] Access panel in both hinge leaves allows access to electrical wiring without removing door or hinge.
 - ETAP..... \$90 net add per ETAP

STANDARD FASTENERS

All SELECT Pin & Barrel Continuous Hinges and edge guards are shipped with a corresponding screw pack unless requested otherwise.

OPTIONAL FASTENERS

■ Adjusta-Screw[™] [AS] \$30 net add per hinge



Designed to correct frame fit variances up to 3/8". Right-hand thread. Optional on models SL305, SL308 and SL310.

Security Fasteners [SF]. \$31 net add per hinge Tamper-resistant spanner head and Torx® head fasteners are available (at extra cost) to replace standard fasteners for added entryway security.

CUSTOM PROCESSING

No discounts apply to net add items. Handing required for all custom processing. Hinges prepared with custom processing are non-returnable.

- Dutch Door [DD]......\$46 net add per hinge Frame leaf is furnished as a continuous length. Door leaf is cut to fit the specified Dutch Door height. Required: Handing and measurements for net hinge length, top door leaf length, bottom door leaf length and clearance (3/16" min.) between top and bottom leaves.
- Hospital Tip [HT] \$41 net add per hinge Hinges can be prepared with slanted tips for hospitals and correctional facility applications. Handing required. Available only on SL300, SL305, SL315 and SL200.
- Wide Throw [WT] Contact SELECT for quote Specify leaf width from pin centerline when ordering. Engineering drawing required.
- Automatic Door Bottom Cut [ADBC] \$38 net add per ADBC
- Raised Barrel [RB] \$35 net add per hinge Swaged door leaf for Concealed and Half Surface hinges allows door to open 180°. Handing required.
- Security Studs Stainless steel studs are mounted to frame leaf, door leaf is drilled to accommodate studs. 3 studs are required for hinge lengths up to 85", 4 studs are required for hinges longer than 85". Handing required. Door and frame must be specially prepared to accommodate security studs. [SECSTUD3] \$63 net add per hinge [SECSTUD4] \$80 net add per hinge
- Sheared Leaf [SHFL] Contact SELECT for quote Used for narrower door thicknesses, unevenly rabbeted frames or other special applications. Specify leaf width from pin centerline when ordering.
- Custom Hole Pattern [CHP] \$80 net add per hinge Hole shapes or patterns other than standard must be indicated with dimensioned diagrams when ordering.
- Blank Hinge [B]......\$53 net add per hinge Holes are omitted for welded installations.
- LL Cover [LLCVR]......\$300 net add per cover Lead-lined cover for applications requiring radiation containment. Available only on surface-mounted hinges.
- LL Astragal [LLAST]..... Contact SELECT for quote Lead-lined astragal for SL308 edge guard.
- Cutting Charge [CUTCHG] \$33 net add per cut
- Paint, Powder Coat [PAINTPC] . . Contact SELECT for quote Scratch-resistant, 7 standard colors. Lead time 4 weeks min.
- Paint, Kynar [PAINTKY]..........Contact SELECT for quote Available only on aluminum hinges. Lead time 4 weeks min.
- Edge Guard Preps [EG] \$27 net add per prep SL308 edge guard can be prepared for: 161 latch bolt; 86 mortise lock; ASA strike; 161 strike; manual flush bolts; auto flush bolts.

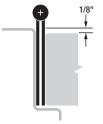
Pin & Barrel Continuous Hinge Models

CONCEALED

CONCEALED EDGE MOUNT on 1-3/4" doors up to 600 lb. (max. 48" door width). No mortise required. For new construction or renovation/retrofit.

SL200

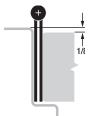
- Concealed hinge
- Zinc plated carbon steel
- 1/8" door inset



Model #	79" / 83"	85" / 95"
SL200	297	370

SL300

- Concealed hinge
- Stainless steel
- 1/8" door inset



ı	Model #	79" / 83"	85"	95"	119"
	SL300	430	476	510	710

SL305

- Concealed hinge
- Stainless steel
- Door guard
- Universal Adjusta-Screw[™] fasteners (right-hand thread) available at extra cost (see page 14)



Model #	79" / 83"	85" / 95"	119"
SL305	672	740	1,007

SL315

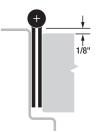
- Concealed hinge
- Stainless steel
- Edge guard



Model #	79" / 83"	85" / 95"	119"
SL315	544	612	880

SL3500

- Concealed hinge
- Extra heavy-duty 12 gauge stainless steel
- Meets ASTM F-1450A Abuse Test requirements
- Hospital Tip standard
- Torx® head security fasteners available at extra cost (see page 14)
- For 1-3/4" to 2-1/4" doors up to 4 ft. wide and weighing up to 900 lb.
- 1/8" door inset



Model #	79" / 83"	85" / 95"	119"
SL3500	709	845	1,085

BHMA CERTIFIED — Cycle Requirements per BHMA Standard ANSI / BHMA A156.26 2000

SELECT Pin & Barrel Continuous Hinges SL300, SL302, SL303, SL305, SL306, SL309, SL310, SL311, SL315 and SL3500 are BHMA CERTIFIED to conform to BHMA Standard ANSI/BHMA A156.26 2000 Grade 1.

Pin & Barrel Continuous Hinge Models

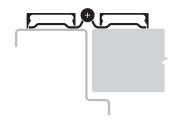
FULL SURFACE

SURFACE MOUNT ON FACE OF EXISTING OR NEW DOOR AND FRAME

Suitable for renovation/retrofit or new construction. For 1-3/4" doors weighing up to 600 lb. (max. 48" door width).

SL302

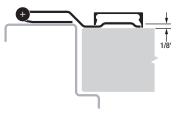
- Full surface hinge
- Stainless steel
- Center pivot
- Tamper-resistant leaf covers
- Flush mounted
- Through-bolts for wood doors available at extra cost



Model #	79" / 83"	85" / 95"	119"
SL302	565	675	940

SL309

- Full surface hinge
- Stainless steel
- Swing-clear action
- Tamper-resistant door leaf cover
- 1/8" door inset
- Through-bolts for wood doors available at extra cost



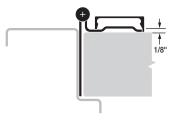
Model #	79" / 83"	85" / 95"	119"
SL309	625	725	910

HALF SURFACE • HALF MORTISE

HALF SURFACE OR HALF MORTISE MOUNT applicable for renovation/retrofit or new construction. For 1-3/4" doors weighing up to 600 lb. (max. 48" door width).

SL303

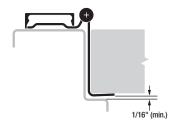
- Half surface hinge
- Stainless steel
- Tamper-resistant door leaf cover
- 1/8" door inset
- Through-bolts for wood doors available at extra cost



Model #	79" / 83"	85" / 95"	119"
SL303	517	600	869

SL306

- Half mortise hinge
- Stainless steel
- Tamper-resistant frame leaf cover
- Edge guard



Model #	79" / 83"	85" / 95"	119"
SL306	525	623	780

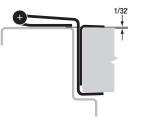
Pin & Barrel Continuous Hinge Models

SWING CLEAR

SWING-CLEAR ACTION provides maximum clearance for operating room and similar 1-3/4" doors up to 600 lb. (max. 48" door width).

SL310

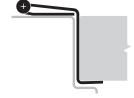
- Swing-clear action
- Stainless steel
- Door guard
- Universal Adjusta-Screw[™] fasteners (right-hand thread) available at extra cost (see page 14)



Model #	79" / 83"	85" / 95"	119"
SL310	924	943	1,347

SL311

- Swing-clear action
- Stainless steel
- Edge guard



Model #	79" / 83"	85" / 95"	119"
SL311	777	795	1,130

EDGE GUARD

SL308

- Edge guard
- Stainless steel
- Lock-side door edge protector
- Can reduce gap between pairs of doors
- Universal Adjusta-Screw[™] fasteners (right-hand thread) available at extra cost (see page 14)
- Specify square or beveled door edge

Model # 7	9" / 83"	85" / 95"	119"
SL308	275	310	395

Toilet Partition Continuous Hinge Models

GEARED

SL60/SL62 GEARED

- Full surface toilet partition hinges
- Clear anodized aluminum
- For doors 36" wide (max.) weighing up to 80 lb.
- One-way fasteners: specify for partitions of 3/4", 1" or 1-1/4"



Model #	57"	Swing Angle
SL60	154	Opens 180°
SL62	199	Opens 120°, spring-loaded

PIN & BARREL

SL402TP PIN & BARREL

- Full surface toilet partition hinge
- Clear anodized aluminum
- Spring-loaded; adjustable
- Tamper-resistant Torx® head end caps
- For doors weighing up to 80 lb.; consult factory for doors wider than 36"



Model #	54"
SL402TP	487

SL902TP PIN & BARREL

- Full surface toilet partition hinge
- Stainless steel
- Spring-loaded; adjustable
- Tamper-resistant Torx® head end caps
- For doors weighing up to 80 lb.; consult factory for doors wider than 36"



Model #	54"	57"
SL902TP	540	560

Product Warranties and Ordering Information

WARRANTIES

Geared Hinges



SELECT Products Limited will replace your SELECT Geared Continuous Hinge if it ever fails under normal use, as long as it was installed in accordance with the installation instructions enclosed with every new SELECT hinge.

- SELECT Products Limited warrants its Geared Continuous Hinges to be free from defects in material or workmanship.
- This warranty is continuous and has no time limit.
- The durability delivered by SELECT Hinges' Pair-MatchedTM hinge leaves, lifetime lubrication and anodizing after machining has been proven in independent performance testing surpassing 25,000,000 cycles.

Tested to withstand 60 years of heavy traffic

Our SL11 HD geared continuous hinge surpassed more than 25,000,000 cycles — 10 times beyond Grade 1 cycle count — in ANSI-approved physical endurance testing. In the real world, that's equivalent to 60 years on a typical high-traffic entrance.

LEARN MORE AT WWW.SELECTHINGES.COM/CYCLETEST

Pin & Barrel Hinges

SELECT brand Pin & Barrel Continuous Hinges are guaranteed to be free of defects in material and workmanship for a period of 25 years. No claims for faulty or improper installation, consequent damages, repairs or backcharges will be allowed. This warranty does not cover defects or damage resulting from vandalism, abuse, improper maintenance, improper storage, shipping or handling, alteration or removal of the factory applied lubricant, anodizing or painting of product in the field.

- SELECT Products Limited will assume no liability for Geared or Pin & Barrel Continuous Hinges cut or altered in the field if factory specified cutting instructions are not followed.
- SELECT Products Limited makes no other warranty or guarantee, either expressed or implied.

Electrical Components

GEARED HINGES

All electrical components on SELECT Geared Continuous Hinges have a 5-year warranty, with the exception of the Accessible Through-Wire components and hinges with AP or RP preps.

- The Accessible Through-Wire (ATW) components are warrantied for 6 years.
- The Accessible Through-Wire Removable Panel (ATWRP) components are not covered by a warranty.
- All electrical components on hinges modified with AP (Accessible Panel) or RP (Removable Panel) preps are warrantied for 2 years.

PIN & BARREL HINGES

Electrical modification components on SELECT Pin & Barrel Continuous Hinges have a 5-year warranty.

PAYMENT TERMS

Terms are net 30 days from the date of invoice, following credit approval. No C.O.D. orders will be accepted. Interest of 1.5% per month will accrue on any charges unpaid after 30 days from the date of invoice. Shipment will be held on subsequent open orders on accounts unpaid after 45 days from date of invoice until payment is received in full. Once payment of all outstanding 45-day+ invoices is received in full by SELECT, the order will be placed into production (if custom) and/or shipped (if stock items). Accounts unpaid after 90 days will automatically be subject to CIA terms on subsequent open orders.

Applicable Federal, State or local taxes are not included in the prices quoted. Should any license fee, property, sales, use or excise tax be levied or assessed by the Federal, State or local law upon any goods which are the subject matter of the price list, they shall constitute an extra and shall be paid by the buyer. If a surety bond is required in connection with a contract to furnish these goods, the premium shall be added to the contract.

CANCELLATIONS

Changes or cancellations on custom orders, including Fire-Rated products, will be subject to charges for work already completed and materials utilized.

PARTIAL SHIPMENTS

Partial shipments may be made on open orders to expedite delivery. Partial or multiple drop shipment requests subsequent to originally quoted and/or acknowledged orders may be subject to re-pricing and reassessed for freight charges. Partial shipments will be invoiced at the time of shipment and will be payable individually, including freight if applicable, under the terms stated above.

RETURN OF GOODS/FREIGHT DAMAGE

SELECT Products Limited's restocking fee is 35%. Any refund given will be in the form of credit to be used for future purchases. **Only stock hinges without modifications are eligible for return.** Hinges with custom colors, special lengths, cutouts, electrical preps or other custom processing cannot be returned.

SELECT qualifies freight carriers based on their ability to deliver in a safe, timely and cost effective manner. All claims made for freight-damaged goods must be signed for as damaged at the time of delivery. "Authorized shipment release" deliveries are the consignee's sole responsibility. SELECT is not responsible for any damaged product accepted without signed paperwork. SELECT is not responsible for damage caused by carriers not approved by SELECT.

SHIPPING



SELECT ships 99% of hinge orders in 48 hours— and most of those in 24 hours. Unusually large quantities or custom processing may require additional time.

AMERICAN-MADE



Every SELECT Geared Continuous Hinge is manufactured in the United States and complies with the Buy American provision, section 1605, of the Recovery Act.



SELECT Products Limited

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COMSENSE INC.







