CAM TYPE DOOR LOCKS

No. 1969-UR&L

Designed for container, piggyback and trailer use to meet the severe service demands this equipment encounters. Also ideal on van doors (as a single lock), on refrigerated units and similar applications. It is exceptionally easy to install; permits the use of standard O.D. structural tubing without costly and time-consuming fitting on the job. Total projection of lock is less than 2”. Cam and keeper design, combined with bearing covers and back plates, add structural strength to the entire unit.

Features:
- Wedge-type, anti-rack cams and keepers.
- Saddle-type construction of the cam ensures a secure weld and eliminates grinding and other on-the-job fitting.
- Rack control in every direction.
- Patented finger-hook design.
- Steel cam and keeper locks assembly tight under extreme conditions.
- Over-the-seal or door-edge bearing back plate construction.
- Flush-mount construction.
- Frost-breaking action.
- Large locks are furnished with handle shipped loose for maximum flexibility and are provided with a truss head screw and nut for easy installation.
- Large locks can be supplied with handle attached with a stainless steel rivet.
- For piggyback and container applications, a 36” reinforcing rod can be ordered welded into the lower half of rod for additional end load shift protection.
- Anti-rack rings may be installed below each bearing cover to increase strength and prevent vertical motion during racking.

Can be furnished with or without tubing. When ordering the lock with tubing, give dimensions from center or upper cam to center of lower cam (“A” dimension), and from center of handle to center of lower cam (“C” dimension). Lock will be furnished with cams and handle clip welded. Also available with top cam loose. When ordering the lock with top cam loose, give dimensions from top of each end (overall length “B” dimension). When ordering without tubing, specify No. 1969-P24.

Finish: Hot-dipped galvanized. Other options available.
Weight: With 109” tube, approximately 27.64 lbs.
Weight: 12.78 lbs. less tube (No. 1969-P24)

Tubing dimensions:
O.D. – 1.315”
Wall thickness – .109”

* Dimension to be determined by customer
**CAM TYPE DOOR LOCKS**

**No. 4-1979-R&L**

Eberhard's Double-Tube Lock System provides the maximum in anti-rack protection. The outer anti-rack tube assembly is sandwiched between the bearing bracket and bearing cover assemblies. This restricts the up-and-down movement of the rod assembly, thereby reducing the degradation of door gaskets and related components.

**Other Features Include:**
- Precision-engineered, pregalvanized/top-coated structural tubing—provides improved appearance and better rotational operation of the system.
- Fully extended, anti-seize bushings surrounding the rod—provide a noncorrosive barrier between the mounting brackets and the door.
- A minimum of 36% more rod support coverage—provides added end load performance.

The Double-Tube Lock System can be specified with any of the extensive line of Eberhard cams and keepers, including models for narrow headers, variable offsets, or stainless steel frame applications.

**Tubing Dimensions:**
- O.D. — 1.315"  
- Wall Thickness — .109"

* Dimension to be determined by customer
CAM TYPE DOOR LOCKS

No. 1974-R&L

Finish: Hot-dipped galvanized.
Weight: With 109" tube, approximately 22.50 lbs.
Other options available.
Tubing dimensions:
  O.D. – 1.315"
  Wall thickness – .109"

Designed for high cube trailers with narrow headers. The keeper design is only 5/8" wide at the base. Ideally suited for 1" narrow headers. It is used in conjunction with the conventional long reach cam and keeper at the bottom of the rod assembly, providing trailer doors excellent gather in the racked condition.

- Components and features are the same as the standard 1969 Series lock on the preceding pages.
- Keepers are available in both flush and 3/8" offset configurations.
- Cams and keepers are available in both carbon steel and 300 Series stainless.
- Various cam and keeper configurations are available including offsets and collar heights of cams for proper seal clearance.

Components and features are the same as the standard 1969 Series lock on the preceding pages.
- Keepers are available in both flush and 3/8" offset configurations.
- Cams and keepers are available in both carbon steel and 300 Series stainless.
- Various cam and keeper configurations are available including offsets and collar heights of cams for proper seal clearance.
CAM TYPE DOOR LOCKS

For even greater security of the rear end, a third-point lock is added to the door lock described on the preceding page, increasing the anti-rack capability, pulling the two doors into one secure unit and eliminating leakage.

No. 1971-20
Lock strap.
Weight: 1.79 lbs.

No. 1971-21 Keeper
Weight: .78 lbs.

No. 1971-22 Guide
Weight: .61 lbs.

No. 1971-XU
Keeper shim plate.

No. 1971-U
Same as 1971-XU but without nut, bolt, and bushing.

Material: Malleable iron casting
Finish: Hot-dipped galvanized

No. 1972
Inside release.
A door safety release that permits the door to be unlocked from the inside by unscrewing the inside handle counterclockwise. The outside keeper drops off, allowing the handle to be pushed open, thus releasing the door without damage to the lock or its mechanism.
Can be used on any large lock with a padlocking seal plate. Do not use on doors with more than one lock. Range of door thicknesses: 1/4" to 6-1/4" by cutting tube and threaded rod.
Weight: 2.17 lbs.

No. 2-1972-U
Less tube, 3" handle.

No. 3-1972-U
Less tube, 4-1/2" handle.

No. 1979-23
Bushing
Weight: .31 lbs.

No. 1971-25
Lock Nut 3/8".
Weight: .02 lbs.

No. 2X-174-A
Long Hex Bolt 3/8"-16 x 3-1/2".
Weight: .12 lbs.

No. 1972

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CAM TYPE DOOR LOCKS

No. 1979-10

All heavy-duty door locks are designed with appropriate clearance to achieve long-lasting durable performance which has been proved in years of severe field service.

No. 1979-18

Anti-Seize Bushing (Upper Half)

No. 1979-19

Anti-Seize Bushing (Lower Half)

No. 2-1978-6

Cast Handle

No. 7-1969-18X

Rubber grip for 1969-6X handle.
CAM TYPE DOOR LOCKS

No. 1969-2X can be used with the following keepers:

<table>
<thead>
<tr>
<th>Weld-On Type Keeper</th>
<th>Bolt-On Type Keeper</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 1969-1 Flush</td>
<td>No. 6-1969-1 Flush</td>
</tr>
</tbody>
</table>

Other offset options available.

Bolt-On Keepers are malleable iron.

No. 1969-2X
Standard cam.
Used on 1969 lock.

Cam and weld-on keepers are heavy-duty forged steel construction.

No. S-1969-35
Long-reach cam.
Long-reach cam used on lower end 1974 lock. Has 2-3/8” collar.

No. 1-1979-1 Flush
Weld-on Keeper.
Use with 1969-35 and 16458 cams.

No. 1969-35/16458 can be used with the following Weld-On Keeper:

No. 16458 Optional long-reach cam with shorter 2" collar used on lower end of No. 1974 lock for greater seal clearance.

• Long-reach cam and keepers are heavy-duty forged steel construction.
• Long-reach flush keeper is available in 300 Series stainless steel investment casting No. 1-1979-SSC1.
CAM TYPE DOOR LOCKS

No. 4-1974-2
Optional narrow header cam with shorter 1-1/8" collar for maximum seal clearance.

• Cams and keepers are heavy-duty forged steel construction.
• Narrow header flush keeper is available in 304 Series stainless steel investment casting No. 1974-SSC1.

No. 1-1974-2X
Optional narrow header cam with shorter 2" collar for greater seal clearance.

No. 1974-2X
Standard narrow header cam used on top of No. 1974 lock.
Has 2-3/8" collar.

No. 1974-1B 3/8" Offset
No. 1974-1X Flush
No. 1974-2, No. 1-1974-2, No. 4-1974-2 can be used with following weld-on narrow header keepers:
No. 1974-1B 3/8" Offset
No. 1974-1X Flush

The Cam-Tite™ Cam & Keeper No. 9-1979-1 & 9-1979-2
Is designed to meet M931 Association of American Railroads rear wall testing standards, yet is ideal for narrow headers with keeper being only 1-1/4" wide.
CAM TYPE DOOR LOCKS

Two Point Truck/Trailer
Anti-Rack System

This lock can be supplied as a complete weldment using 1" schedule 40 pipe or it can be supplied as a kit of parts less pipe for welding in the field. Normally supplied with a hot dip galvanized finish. Cams and keepers are of forged steel, supplied with two anti-rack rings, two large bearing brackets with nylon bearings and one center bracket with nylon bearings.

If a weldment including pipe is desired, please contact the factory with exact specifications for size and location of parts.

No. 0558-001 Anti-Rack Lock Kit Left Hand  Wt—5.5lb
No. 0558-002 Anti-Rack Lock Kit Right Hand  Wt—5.5lb
Two Point Truck/Trailer Anti-Rack System

Available: Polished Stainless Steel or Galvanized Steel

This lock can be supplied as a complete weldment using 1” schedule 40 pipe or it can be supplied as a kit of parts for welding in the field. Supplied with two large brackets with nylon bearing, one center bracket with nylon bearings, two keepers, two cams, one handle, and one hasp. The top and bottom cams may be reversed so that the lock is either right or left hand.

Finish — Stainless Steel - Polished
Steel - Galvanized

Weight — 5 lbs.

No. 0658-001 Anti-Rack Lock Kit — galvanized steel
No. 0658-SSP Anti-Rack Lock Kit — polished stainless steel
CAM TYPE DOOR LOCKS

No. 7502-UR & 7502-UL
Two-point cam-type lock.
Welded installation shown.
This anti-rack, cam lock has been designed as a system that will allow the greatest flexibility of application. The user has a choice of stamped steel or malleable iron keepers of varying widths, a third-point steel keeper, stamped-steel offset or straight rod guides and supplementary bearing covers and back plates. Thus, the 7500 Series can be adapted for everything from medium-duty applications to the most severe service demands. Any model of the 7500 can be shipped completely welded to your specifications, saving time and money. It can be furnished with the top cam loose if you have more than one length requirement.

For all van bodies, trailers, refrigerated equipment and all types of gasketed doors.

Features:
• Anti-rack cams and keepers.
• Saddle-type construction of the cam ensures a secure weld and permits use of any standard 3/4" tube, eliminating grinding and other on-the-job fitting.
• Rack control in every direction.
• Flush-mount construction.
• Frost-breaking action.

When ordering, give dimensions from center of upper cam to center of lower cam ("A" dimension), and from center of handle to center of lower cam ("C" dimension). If ordering with top cam loose, supply overall length ("B" dimension). Lock will be furnished with cams and handle clip welded. Specify left- or right-hand installation.

Tubing Dimensions:
O.D. – 1.050". Wall thickness — .108"

* Dimension to be determined by customer
Note: Keeper mounted with 2 c-sunk fastener .531 dia. hole c-sunk 82° to .75 dia.
Part Nos. shown are for kits less tubing. Welded models available.

**No. 7502-P24**
Standard 7502-P24: Two-point with stamped steel keepers & offset rod guides.
**No. 1-7502-P24**: 1-1/4" narrow head & sill; Two-point with 2-5654-1 keepers & offset rod guides.
**No. 2-7502-P24**: 1-7/8" head & sill; Two-point with 5654-1 keepers & offset rod guides.

Weight: With 102" tube, approx. 17.89 lbs.

**No. 7503-P24**
Standard 7503-P24: Three-point with stamped steel keepers & offset rod guides.
**No. 1-7503-P24**: 1-1/4" narrow head or sill; Three-point with 2-5654-1 top & bottom keepers; & 7503-1 third-point keeper & offset rod guides.
**No. 2-7503-P24**: 1-7/8" head and sill; Three-point with 5654-1 top & bottom keepers; & 7503-1 third-point keepers & offset rod guides.

Weight: With 102" tube, approx. 18 lbs.

**No. 7504-P24**
Standard 7502-P24: Two-point straight rod guides.
**No. 1-7504-P24**: 1-1/4" narrow head or sill; Two-point with 2-5654-1 keepers & straight rod guides.
**No. 2-7504-P24**: 1-7/8" head & sill; Two-point with 5654-1 keepers & straight rod guides.

Weight: With 102" tube, approx. 18.62 lbs.

**No. 7505-P24**
1/4" narrow header; Three-point with 2-5654-1 top keeper, 7503-1 third-point; & 7502-1 bottom keeper & offset rod guides.
**No. 1-7505-P24**: 5654-1 bottom keeper.

Weight: With 102" tube, approx. 18.64 lbs.

**No. 7506-P24**
Side Door: Two-point with 5033-1 keepers & offset rod guides.
**No. 7507-P24**
Side Door: Three-point with 7503-1 keepers & offset rod guides.

Weight: With 102" tube, approx. 16.11 lbs.

**No. 7502-1**
Stamped steel keeper 2-5/8" high.

**No. 2-5654-1**
Malleable iron keeper right- or left-hand. Right-hand shown. 1-1/4" high.

**No. 5654-1**
Malleable iron keeper. 1-7/8" high.

**No. 7503-1**
Third-point, stamped steel keeper. 2-5/8" high.

**No. 7502-2/7502-3**
Stamped steel offset rod guides.

**No. 5650-6/5650-7**
Stamped steel straight rod guides.
CAM TYPE DOOR LOCKS

023111276 Inox
External locking gear Kit 022 ST4.

2340 gr./pc.
CAM TYPE DOOR LOCKS

025710552 Inox  530 gr./pc.
026110553 Zinc Plated  520 gr./pc.
RH/LH plastic coated ERGO lever 25x8 mm.

025704220 Inox  470 gr./pc.
RH/LH Lever 25x8 mm.

025710927 Inox  212 gr./pc.
026110929 Zinc Plated  220 gr./pc.
Lever mount kit 022 complete with fixing pins, bolt, washers & nut.

025704180 Inox  184 gr./pc.
026104184 Zinc Plated  190 gr./pc.
Lever retainer 25x8 mm.
CAM TYPE DOOR LOCKS

Application
"Flush-door locking gears" are usually mounted on the rear doors of refrigerated bodies or closed bodies of industrial vehicles. They can be used on container doors or other applications, not related to the food industry. They have a specific strength, functionality and aesthetics.

Flush-door locking gears consist of the following components: Rod, lock, cams, keepers and guide plates.

Rod
The rod is the main element for flush-door locking gear which all the components are welded on to complete the locking gear. They are divided into two categories according to their outer diameter:
- Ø16. For fibre-glass doors in small vehicles
- Ø18. For aluminium or fibre-glass doors in medium sized vehicles. **It is recommend to use two locking gears per door.**

Handles
Handles allow the operator to rotate the rod. This type of application simplifies the door construction.

Cams and keepers
Their main characteristic is to open, close and hold the door in place.

Guide plates
Their function is to keep the rod in position. They are mounted on both ends of the locking gear and against the cams.

Mounting System
Components should be fastened with washers and hexagonal or cylindrical head screws. If applied on vehicles that are subject to heavy vibrations we recommend to use spring washers or welds to prevent accidental loosening of the screws. For the correct tightening of screws we suggest to use an appropriate torque wrench to tighten the screws with a force proportional to the diameter (see Metric System page). To prevent the loosening of screws and rust leakage from the panel, fix the screws with a sealant and periodically check their tightening torque.

Warnings
If elements or accessories of other manufacturers are used and/or even minor changes are brought to our products, we cannot guarantee the proper functioning of the product over time.

020911047 Inox
Flush-door locking gear Ø18.

2028 gr./pc.
CAM TYPE DOOR LOCKS

HEAVY DUTY CAM ACTION DOOR LOCKS
Available in Steel and Stainless Steel

No. 258-001
Same as No. 258-002 except Universal keeper is 1-15/16" wide.

No. 258-002
Handle has permanently affixed vinyl grip and is riveted, not bolted, to lug for maximum security. Features narrow 1-1/4" wide keepers for side or rear door application. Maximum extension from body 1-3/4". All mounting holes for 3/8" bolts.
Lugs and keepers are made from steel. The handle, hasp & pipe retainers are manufactured from steel.
Universal for right or left hand doors. (Right hand shown).
Note: Supplied less padlock

Finish:
Lugs & keepers are hot dip galvanized.
Hasp, pipe retainers & handle assembly are zinc plated.
Supplied without 3/4" pipe.
Weight (without pipe) — 10 lbs.

No. 258-002-SS
Same as 258-002 except supplied as stainless steel.

No. 258-003
Same as 258-001 except with adjustable handle to adjust lock tighter as seal wears.

No. 258-004
Same as 258-002 except with adjustable handle.
Note: Can be supplied as a weldment.

No. 259 Sliding Door Lock
Can purchase the complete lock or lugs only
Finish — Zinc Plated
CAM TYPE DOOR LOCKS

DIMENSIONAL DRAWING
No. 258-002

No. 258-001
WITH UNIVERSAL CUP

ALL MOUNTING HOLES WITH CLEARANCE FOR 3/8 BOLTS
258 COMPONENT PARTS
Steel, Stainless Steel and polished Stainless Steel

No. 258-100 / 258-100-SS
Handle & Lug Assembly
All Steel handle with vinyl grip.
Finish — Steel - Zinc Plated
Stainless - Plain or Polished
Weight — 2.5 lbs.

No. 258-102
Adjustable Handle
All steel handle with vinyl grip. No cutting of pipe or welding necessary. Tubing slides over pipe and adjustment is made by loosening and tightening Nylok set screws. Adjustment allows for tight seal as door gasket wears.
Finish — Zinc plated
Weight — 3 lbs.

Polar No. 258-103
Safety Hasp & Inside Handle
For use with Polar No. 258 and 257 pipe locks. All steel construction. Zinc plated. Permits exit from inside even when padlocked. “T” handle is rotated counter clockwise until hasp is disengaged permitting door to swing open. Note: Padlock not included.
Finish — Zinc plated
Weight — 1-1/2 lbs.

No. 258-101 / 258-101-SS
Hasp & Handle Keeper
5-1/8” long x 2” wide x 1-3/4” high.
Note: Padlock not supplied
Finish — Steel - Zinc Plated
Stainless - Plain or Polished
Weight — .6 lbs.

No. 258-225
Spacer
Steel Spacer for 258-101 Hasp.
Finish — Zinc plated
Weight — .4 lbs.

Polar No. 258 Lock Pipe Retainers
All Steel or stainless steel
Finish — Steel - Zinc Plated
Stainless - Plain or Polished
258-206 / 258-206-SS Top
258-205 / 258-205-SS Bottom
CAM TYPE DOOR LOCKS

258 - 358 COMPONENT PARTS
Steel, Stainless Steel and polished Stainless Steel

No. 258 Lugs
Cast Steel or Stainless Steel Lugs
Dimensions:
3" extension from pipe finger 1" wide x 3" long.
Finish — Steel Galvanized Stainless - Polished
Weight — 1.2 lbs.
258-202 / 258-202-SS Top
258-210 / 258-210-SS Bottom

No. 358-206 Lug
Cast Steel or Stainless Steel Lugs
Finger lug for use with 358 or 258 keepers.
Finish — Steel Galvanized Stainless - Polished
Weight — .6 lbs.

No. 358-201 Keeper
Steel rectangular keeper. Can be used with 258 or 358 locks.
Finish — Zinc Plated
Weight — .4 lbs.

No. 358 Narrow Keepers
Cast steel narrow keepers
Dimensions:
6" long x 1-1/4" wide x 1-13/16" high.
Finish — Galvanized
Weight - 1.2 lbs.
258-220 / 258-220-SS Bottom
258-222 / 258-222-SS Top

No. 358 Pipe Retainers
Cast Steel pipe retainer offers rigid holding of pipe.
Nylon bearing assures smooth operation.
Finish — Galvanized
358-305 - Bottom
358-306 - Top
358-B - Nylon bearing (2 pcs)

No. 258-201 Wide Keepers
Cast steel wide keeper.
Dimensions:
5" long x 1-15/16" wide x 1-5/8" high.
Universal for top & bottom.
Finish — Zinc plated
Weight — 1.3 lbs.

No. 259 Sliding Door Lock
Can purchase the complete lock or lugs only
Finish — Zinc Plated

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CAM TYPE DOOR LOCKS

3 POINT CAM ACTION DOOR LOCK

No. 358
All steel construction with cast steel lugs, keepers and pipe retainers. For flush to 3/4" offset doors. Uses standard 3/4" pipe. Features narrow 1-1/4" wide keepers for side or rear door application or 1-15/16" wide universal keepers. Offset pipe retainers allow for mounting near edge of door. Pipe retainers have nylon bearings for smooth operation. Hasp, handle assembly & center keeper manufactured from steel. Pipe retainers, keepers & lugs are ductile iron. Handle has black vinyl grip and is riveted, not bolted to handle lug for maximum security. Supplied less padlock. Finish: Zinc plated. Supplied less pipe. Universal for right or left hand use. Weight — 9 lbs.

No. 358-001
Same as No. 358-002 except universal keeper is 1-15/16" wide.

No. 358-002

DIMENSIONAL DRAWING

No. 358-002
CAM TYPE DOOR LOCKS

No. S-5654-XP24
Cam-type lock
(furnished less pipe).

This cam-type door lock lends itself to varied installations and can be installed on flush to 3/4" offset doors.

For all van bodies, trucks and trailers. Ideal for side door applications.

Features:
• Can be installed on flush to 3/4" offset doors.
• Frost-breaking cam action.
• Fits all types of truck and trailer doors.
• Designed for 3/4" (1.050") standard pipe.
• Solid-forged cams.
• Weight: 10.5 lbs. less pipe.

Can be furnished with or without pipe. (If pipe is required, request quotation.)

* Dimension to be determined by customer
CAM TYPE DOOR LOCKS

No. 25-5654-XP24
Cam-type lock
With narrow keepers 1-1/4" wide
(furnished less pipe).
This cam-type door lock lends itself to varied installations and can be installed on flush to 3/4" offset doors.
For all van bodies, trucks and trailers. Ideal for side door applications.

Features:
- Can be installed on flush to 3/4" offset doors.
- Frost-breaking cam action.
- Fits all types of truck and trailer doors.
- Designed for 3/4" (1.050") pipe.
- Solid-forged cams.

* Dimension to be determined by customer
CAM TYPE DOOR LOCKS

611 SERIES CAM LOCK

- Steel construction/zinc finish
- Available with square holes
- Available with nylon lower bearing brackets
- Available as complete assembly with welded pipe

Kit Includes

1 Plastic coated handle assembly with weldment clip
1 handle keeper assembly
3 Upper & lower steel brackets
1 Right hand cam
1 Left hand cam
1 Right hand keeper
1 Left hand keeper

Optional LD-Style handle & hasp
**CAM TYPE DOOR LOCKS**

**615 SERIES CAM LOCK**
- Aluminum Anti-Rack keepers, universal
- Aluminum cams, right & left hand
- Stainless steel handle keeper assembly
  - Available with square holes
  - Available with cast iron cam/keeper
  - Available as complete assembly with welded pipe

**Handle keeper assembly**
- Has a square/round hole design for use with standard bolt or carriage bolt

**Kit Includes**
- (1) Right hand Anti-Rack cam
- (1) Left hand Anti-Rack cam
- (2) Anti-Rack keepers
- (3) Nylon lower bear plates
- (3) Aluminum upper bearing plates
- (1) Aluminum handle assembly
- (1) Stainless steel handle keeper assembly

**ANTI-RACK CAM AND KEEPER**

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**SECTION A-A, B-B, C-C**

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CAM TYPE LOCK
Steel and Stainless Steel

No. 158 / 158-SS

A popular Cam Type Lock with narrow keepers which allow minimum extension from body. Modern all steel fabricated handle and hasp allow the body builder to simply weld handle lug to pipe, eliminating cutting of pipe. This competitively priced lock features keepers and lugs of ductile iron. All remaining parts fabricated of high quality steel. Supplied without padlock. Can also be supplied in 304 stainless steel for excellent corrosion resistance. Supplied less 3/4" pipe (schedule 40). Weight (without pipe) — 6-1/4 lbs.

COMPONENT PARTS FOR 158 LOCK

<table>
<thead>
<tr>
<th>Steel/Iron</th>
<th>Stainless steel</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>158-202</td>
<td>158-202-SS</td>
<td>TOP KEEPER</td>
</tr>
<tr>
<td>158-203</td>
<td>158-203-SS</td>
<td>BOT. KEEPER</td>
</tr>
<tr>
<td>158-206</td>
<td>158-206-SS</td>
<td>BOT. LUG</td>
</tr>
<tr>
<td>158-207</td>
<td>158-207-SS</td>
<td>TOP LUG</td>
</tr>
<tr>
<td>158-209</td>
<td>158-209-SS</td>
<td>TOP PIPE RET.</td>
</tr>
<tr>
<td>158-210</td>
<td>158-210-SS</td>
<td>BOT. PIPE RET.</td>
</tr>
<tr>
<td>158-100</td>
<td>158-100-SS</td>
<td>HANDLE ASSY.</td>
</tr>
<tr>
<td>158-102</td>
<td>158-102-SS</td>
<td>HASP</td>
</tr>
</tbody>
</table>

Lock can be special ordered as weldment.
CAM ACTION SIDE DOOR LOCK
Steel and Stainless Steel

No. 257 / 257-SS
No. 157 / 157-SS

All steel lock allows entire length of pipe to cam over to secure doors. Handle has black vinyl grip and is riveted, not bolted to handle lug for added security.

Bushing assembly supplied with non-removable pin for maximum security.

Note: Supplied less padlock.

Supplied less 3/4” pipe (schedule 40)

257 Supplied with 3/8” thick handle
157 Supplied with 1/4” thick handle

Finish — Zinc Plated

Weight — 257 - 5.5 lbs
157 - 4.8 lbs

COMPONENT PARTS FOR 257 / 157 LOCK

<table>
<thead>
<tr>
<th>Part No.</th>
<th>S.S.Part no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>157-100</td>
<td>157-100-SS</td>
<td>Bushing Assy (257 &amp; 157)</td>
</tr>
<tr>
<td>258-100</td>
<td>258-100-SS</td>
<td>Handle Assy (257)</td>
</tr>
<tr>
<td>258-101</td>
<td>258-101-SS</td>
<td>Hasp &amp; Handle Keeper (257)</td>
</tr>
<tr>
<td>158-100</td>
<td>158-100-SS</td>
<td>Handle Assy (157)</td>
</tr>
<tr>
<td>158-101</td>
<td>158-101-SS</td>
<td>Hasp &amp; Handle Keeper (157)</td>
</tr>
</tbody>
</table>

DIMENSIONAL DRAWING
No. 257 - 157
CAM TYPE DOOR LOCKS

ECONOMY SIDE DOOR LOCK
STEEL — STAINLESS STEEL — ALUMINUM

No. 3057  STEEL LOCK LESS PIPE
No. 3057-36  STEEL WELDMENT LOCK - 36”
No. 3057-48  STEEL WELDMENT LOCK - 48”
No. 1057-AS  ALUMINUM LOCK LESS PIPE
No. 3057-SS  STAINLESS STEEL LOCK LESS PIPE

All locks allow entire length of the pipe to cam over to secure door. Supplied with hinge type pipe holders. Handle has black vinyl grip and is riveted, not bolted to lug for added security.

Bracket assemblies supplied with non-removable pin for maximum security. Also available with removable pin on hinge type pipe holder.

Normally supplied less pipe but, can be purchased pre-welded in 36” and 48” lengths. ex. 1057-36, 1057-48.

Finish - Zinc plated steel — Stainless Steel — Aluminum
Lock can be special ordered as a weldment in various lengths.

No. 1057

COMPONENT PARTS FOR 1057 LOCK

Steel  Stainless  Aluminum  Description
3057-100  3057-100-SS  1057-100-A  Bracket Assembly
158-100  158-100-SS  158-100-A  Handle Assembly
158-102  158-102-SS  158-100-A  Hasp and Handle Keeper

BP-15
Model: BP-15
Finish Options: Black, White, Silver
Mounting: External Mount
Keying: Dealer Key System
Bar lock or Vice lock
3 POINT CAM ACTION DOOR LOCK

No. 358-012

All steel construction with cast steel lugs and pipe retainers. Offset pipe retainers allow for mounting on edge of door. Pipe retainers have nylon bearings for smooth operation. Handle has black vinyl grip and is riveted, not bolted for maximum security. Uses standard 3/4” pipe (schedule 40). Universal mounting right or left. Supplied less padlock.

Finish — Zinc Plated

Supplied less pipe.

Weight — 9 lbs.

DIMENSIONAL DRAWING

No. 358-012
CAM ACTION DOOR LOCK
TWO & THREE POINT LOCK
Steel and Stainless Steel

All steel zinc plated or stainless steel lock with black vinyl grip on handle. Handle riveted permanently for extra security. Mounting holes for 3/8" bolt universal for right or left hand — supplied less 3/4" pipe and padlock.

Lock can be special ordered as a weldment.

Weight: 4.5 lbs.

No. 458-008 Two Point Anti-Rack Lock (less pipe)
No. 458-008-SS Two Point Anti-Rack Stainless Steel Lock (less pipe)
No. 458-007 Three Point Anti-Rack Lock (less pipe)
No. 458-007-SS Three Point Anti-Rack Stainless Steel Lock (less pipe)
CAM ACTION DOOR LOCK COMPONENTS

**Component Parts**

<table>
<thead>
<tr>
<th>Steel</th>
<th>Stainless Steel</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>458-201</td>
<td>458-201-SS</td>
<td>Anti-Rack Keeper</td>
</tr>
<tr>
<td>458-202</td>
<td>458-202-SS</td>
<td>Center Keeper</td>
</tr>
<tr>
<td>458-209</td>
<td>458-209-SS</td>
<td>Top Pipe Retainer</td>
</tr>
<tr>
<td>458-210</td>
<td>458-210-SS</td>
<td>Bottom Pipe Retainer</td>
</tr>
<tr>
<td>458-206</td>
<td>458-206-SS</td>
<td>Anti-Rack Lug</td>
</tr>
<tr>
<td>458-216</td>
<td>458-216-SS</td>
<td>Anti-Rack Lug</td>
</tr>
</tbody>
</table>

Note: Keepers and pipe retainers made of 8 ga. steel.
CAM TYPE DOOR LOCKS

HOLDTITE DOOR LOCKS
Available Polished Stainless Steel or Gray Powder Coated

Cam type locks have been widely used and given dependable service for many years. May be used on single doors, double doors, or end gates. Ideal for refrigerated or van bodies. Reversible for right or left hand doors. Available with two or three locking points. Handle may be located at the most convenient point. A rugged lock with ample leverage to clamp door tight or break frost seal. Padlocking handle. Note: Padlock not included.

5/8" Square Steel Rod Supplied Separately.

Available:
- 304 Polished Stainless Steel
- Ductile Iron - Zinc Plated & Gray Powder Coated

No. 172
2-Point Cam Lock
Weight 20 lbs.

No. 173
3-Point Cam Lock
Weight 23 lbs.
CAM TYPE DOOR LOCKS

No. 172-100
REGULAR HANDLE

No. 172-101
ADJUSTABLE HANDLE

NOTE: 2-1/4" DIM. IS STANDARD LUG
LONG LUG IS 3-1/2"

ALL HOLES CLEARANCE FOR 1/4" SCREWS

SECTION A - A

SECTION B - B
### CAM TYPE DOOR LOCKS

### HOLD TITE DOOR LOCKS
### POPULAR OPTIONS AVAILABLE

<table>
<thead>
<tr>
<th>NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>172</td>
<td>2 POINT WITH STANDARD LUGS AND REGULAR HANDLE</td>
</tr>
<tr>
<td>173</td>
<td>3 POINT WITH STANDARD LUGS AND REGULAR HANDLE</td>
</tr>
<tr>
<td>172-001</td>
<td>2 POINT WITH LONG LUG TOP &amp; BOTTOM</td>
</tr>
<tr>
<td>173-001</td>
<td>3 POINT WITH LONG LUG TOP &amp; BOTTOM</td>
</tr>
<tr>
<td>172-002</td>
<td>2 POINT WITH SAFETY HASP &amp; INSIDE RELEASE</td>
</tr>
<tr>
<td>173-002</td>
<td>3 POINT WITH SAFETY HASP &amp; INSIDE RELEASE</td>
</tr>
<tr>
<td>172-003</td>
<td>2 POINT WITH ADJUSTABLE HANDLE</td>
</tr>
<tr>
<td>172-003-SS</td>
<td>STAINLESS STEEL 2 POINT WITH ADJUSTABLE HANDLE</td>
</tr>
<tr>
<td>173-003-SS</td>
<td>3 POINT WITH ADJUSTABLE HANDLE</td>
</tr>
<tr>
<td>172-004-SS</td>
<td>STAINLESS STEEL 3 POINT WITH ADJUSTABLE HANDLE</td>
</tr>
<tr>
<td>172-004</td>
<td>2 POINT WITH ADJUSTABLE HANDLE - SAFETY HASP &amp; INSIDE RELEASE</td>
</tr>
<tr>
<td>172-004-SS</td>
<td>STAINLESS STEEL 2 POINT WITH ADJUSTABLE HANDLE - SAFETY HASP &amp; INSIDE RELEASE</td>
</tr>
<tr>
<td>173-004-SS</td>
<td>STAINLESS STEEL 3 POINT WITH ADJUSTABLE HANDLE - SAFETY HASP &amp; INSIDE RELEASE</td>
</tr>
<tr>
<td>173-004</td>
<td>3 POINT WITH ADJUSTABLE HANDLE - SAFETY HASP &amp; INSIDE RELEASE</td>
</tr>
<tr>
<td>173-004-SS</td>
<td>STAINLESS STEEL 3 POINT WITH ADJUSTABLE HANDLE - SAFETY HASP &amp; INSIDE RELEASE</td>
</tr>
<tr>
<td>172-008</td>
<td>2 POINT WITH LONG LUGS &amp; ADJUSTABLE HANDLE</td>
</tr>
<tr>
<td>172-008-SS</td>
<td>STAINLESS STEEL 2 POINT WITH LONG LUGS &amp; ADJUSTABLE HANDLE</td>
</tr>
<tr>
<td>173-008-SS</td>
<td>3 POINT WITH LONG LUGS &amp; ADJUSTABLE HANDLE</td>
</tr>
<tr>
<td>172-009</td>
<td>2 POINT WITH LONG LUGS, ADJUSTABLE HANDLE - SAFETY HASP &amp; INSIDE RELEASE</td>
</tr>
<tr>
<td>172-009-SS</td>
<td>STAINLESS STEEL 2 POINT WITH LONG LUGS, ADJUSTABLE HANDLE, SAFETY HASP &amp; INSIDE RELEASE</td>
</tr>
<tr>
<td>173-009</td>
<td>3 POINT WITH LONG LUGS, ADJUSTABLE HANDLE - SAFETY HASP INSIDE RELEASE</td>
</tr>
<tr>
<td>173-009-SS</td>
<td>STAINLESS STEEL 3 POINT WITH LONG LUGS, ADJUSTABLE HANDLE, SAFETY HASP &amp; INSIDE RELEASE</td>
</tr>
</tbody>
</table>

### 172-173 PARTS
Component parts for replacement or to supplement our lock assemblies.

**Finish:**
- Stainless Steel
  - Polished 304 stainless
- Ductile Iron
  - Zinc Plated and Gray Powder Coated

<table>
<thead>
<tr>
<th>Powder Coated #</th>
<th>Stainless Steel #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>172-100</td>
<td>N/A</td>
<td>REGULAR HANDLE ASSEMBLY</td>
</tr>
<tr>
<td>172-101</td>
<td>172-101-SS</td>
<td>ADJUSTABLE HANDLE ASSEMBLY</td>
</tr>
<tr>
<td>172-201</td>
<td>172-201-SS</td>
<td>KEEPER</td>
</tr>
<tr>
<td>172-202</td>
<td>172-202-SS</td>
<td>TOP LUG</td>
</tr>
<tr>
<td>172-203</td>
<td>172-203-SS</td>
<td>BRACKET</td>
</tr>
<tr>
<td>172-204</td>
<td>172-204-SS</td>
<td>TOP CENTER BRACKET</td>
</tr>
<tr>
<td>172-205</td>
<td>172-205-SS</td>
<td>BOTTOM CENTER BRACKET</td>
</tr>
<tr>
<td>172-206</td>
<td>172-206-SS</td>
<td>CENTER LUG</td>
</tr>
<tr>
<td>172-209</td>
<td>172-209-SS</td>
<td>HASP</td>
</tr>
<tr>
<td>172-210</td>
<td>172-210-SS</td>
<td>BOTTOM LUG</td>
</tr>
<tr>
<td>172-213</td>
<td>172-213-SS</td>
<td>LONG LUG TOP</td>
</tr>
<tr>
<td>172-214</td>
<td>172-214-SS</td>
<td>LONG LUG BOTTOM</td>
</tr>
<tr>
<td>175</td>
<td>175-SS</td>
<td>CENTER SUPPORT BEARING</td>
</tr>
</tbody>
</table>
STAINLESS STEEL CAM TYPE DOOR LOCKS
AND ACCESSORIES

PARTS FOR 172-173 HOLDTITE CAM LOCKS

ADJUSTABLE HANDLE
No. 172-101 / 172-101-SS
A popular option for the No. 172-173 series. Handle is adjusted simply by turning two set screws, making a tighter seal and to prevent loss of refrigeration. Compensates for gasket wear.

Note: Padlock not supplied
Length — 13-1/4” Center of rod to end of handle.
Weight — 4-1/2 lbs.

SAFETY HASP & INSIDE RELEASE
No. 174 / 174-SS
No. 174 permits exit from inside even when padlocked. T-Handle is rotated counterclockwise until hasp is disengaged and door becomes unlatched, permitting exit.

Note: Padlock not supplied
Weight — 2-1/4 lbs.

THIRD POINT ASSEMBLY
No. 173-103 / 173-103-SS
Third point assembly for 173 lock when extra locking points are needed.
Weight — 3 lbs.

CENTER SUPPORT BEARING BRACKET
No. 175 / 175-SS
Many builders request this center support bracket when using long rods for stronger rod support.
Weight — 1.1 lbs.

LONG LUGS
Nos. 172-213 / 172-213SS Top
Nos. 172-214 / 172-214SS Bottom
Used with No. 172-173 series locks. When body has a wide header at top or bottom and requires longer lug to anchor securely to keeper. 1-1/4” longer than standard lug.
Note: top lug shown. Includes set screw.
Weight — 1-3/4 lbs.

SWINGING HASP
No. 148
For use with Hold-Tite Door Locks.
Swings automatically into position to prevent door from opening when padlock is not in position.

Note: Padlock not supplied.
Weight — 2-1/4 lbs.
STAINLESS STEEL CAM TYPE DOOR LOCKS AND ACCESSORIES

025710534 Inox
930 gr./pc.

026110537 Zinc Plated
900 gr./pc.
RH/LH cam Ø27 PS4 lockable.

025703503 Inox
1080 gr./pc.
RH/LH lever 35x10 mm for standard retainer.

025710947 Inox
362 gr./pc.

026110949 Zinc Plated
346 gr./pc.
Lever mount kit Ø27 complete with fixing pins, bolt, washers & nut.

025703540 Inox
380 gr./pc.

026103541 Zinc Plated
380 gr./pc.
Lever retainer for standard lever 35x10 mm.

025711226 Inox
530 gr./pc.
RH/LH cam Ø27 PS4 lockable.

025711225 Inox
542 gr./pc.
RH/LH keeper Ø27 PS4 lockable.

025711267 Inox
230 gr./pc.
High security lock, with 2 special spherical keys.
STAINLESS STEEL CAM TYPE DOOR LOCKS AND ACCESSORIES

022911273
Inox
3700 gr./pc.
External locking gear Kit Ø27 PS4.

022111274
Inox
3215 gr./pc.
External locking gear Kit Ø27 PS4 with plastic back plate for cranked guide.

025711152 Rubber
398 gr./pc.
Door buffer Ø27.

025711224 Rubber
214 gr./pc.
Door buffer Ø22.

5103349 Rubber
104 gr./pc.
Buffer Ø45x60 mm.

Industrial Hardware Distributors, Inc.
620 Spicer St., Akron, OH 44311 • 800.824.1864 | 3415 S.W. 6th St., Ocala, FL 34474 • 800.682.8900
www.industrialhwe.com
STAINLESS STEEL CAM TYPE DOOR LOCKS AND ACCESSORIES

No. 5663-52
Receptacle only with water seal and flat handle

Designed for thin-door installations, this cam-type side door lock permits building the vehicle to the greatest legal width for maximum cargo space. A standard water seal system using O-rings and bushings is provided to prevent water leakage at the handle pivot point. Handle has thumb-trigger release with holes for padlock and seal.

Ideally suited for side door application where maintaining legal width is required and where added cube is essential for vans, trucks and trailers.

Features:
- Forged steel cams and keepers.
- Designed for 1/2" standard pipe.
- Stamped steel handle and thumb release.
- For thin-door installations—minimum thickness 1-1/8".
- Cam-closing action is smooth and positive.
- Thumb-trigger release contains holes for padlock and seal.
- Furnished with split anchoring shafts for ease of installation.
- Weight: 6.5 lbs. less pipe.

No. 5661-52
Receptacle only without water seal.

No. 5663-P24
Assembly kit with receptacle, cams, keepers, fastener package. Weight: 5.275 lbs.

No. 5661-P24:
Same as above except less water seal.

No. 5661-8R
Keeper

No. 5661-7R
Keeper
STAINLESS STEEL CAM TYPE DOOR LOCKS
AND ACCESSORIES

No. 5K-5663-SSP
Unit Weight: 6 lbs.

- Available in nonlocking and locking versions.
- Ideal for side door applications where maintaining maximum legal width is required for vans, trucks and trailers to maximize cargo storage space.
- Suitable for industrial ovens, large cabinets and enclosures.

- 300 Series stainless steel receptacle, handle, trigger catch and groove pins for excellent corrosion resistance on all exposed parts
- Special curved handle allows easy gloved-hand access
- Optional double-bitted key cylinder for superior key cylinder action and performance
- Water seal system using O-rings and bushings at the handle pivot point to prevent water leakage
- Handle has thumb trigger release with hole for padlock for additional security options
- Forged steel cams and keepers for enhanced strength
- Cam action is smooth and positive
- Furnished with split handle anchoring shafts for ease of rod installation
- Recessed latching system permits building the vehicle to the greatest allowable legal width for maximum cargo space
- Can be installed in minimum 1-1/8" door thickness
- Stainless steel handle may be customized with customer name.

No. 25-5663
Non-key locking, flat handle.

No. 25-5663-SSP
Same as above except stainless steel pan.

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-5663-SSP</td>
<td>Nonlocking. Handle return spring to be mounted on the rod during installation</td>
</tr>
<tr>
<td>5K-5663-SSP</td>
<td>Same as 5-5663SSP except key-locking</td>
</tr>
<tr>
<td></td>
<td>• Using single bit CH 501 – 510 key cylinder series</td>
</tr>
<tr>
<td></td>
<td>• Includes spring loaded, chrome-plated, folding key cylinder cover</td>
</tr>
<tr>
<td>5DB-5663-SSP</td>
<td>Same as above except using double-bitted key cylinder series J201-210</td>
</tr>
<tr>
<td></td>
<td>• Includes spring loaded, chrome-plated, folding key cylinder cover</td>
</tr>
<tr>
<td>28-5663-SSP</td>
<td>Nonlocking. Handle return spring assembled in the receptacle</td>
</tr>
</tbody>
</table>
STAINLESS STEEL CAM TYPE DOOR LOCKS AND ACCESSORIES

Application
“Flush-door locking gears” are usually mounted on the rear doors of refrigerated bodies or closed bodies of industrial vehicles. They can be used on container doors or other applications, not related to the food industry. They have a specific strength, functionality and aesthetics.

Flush-door locking gears consist of the following components: Rod, lock, cams, keepers and guide plates.

Rod
The rod is the main element for flush-door locking gear which all the components are welded on to complete the locking gear. They are divided into two categories according to their outer diameter:
- Ø16. For fibre-glass doors in small vehicles
- Ø18. For aluminium or fibre-glass doors in medium sized vehicles. It is recommend to use two locking gears per door.

Handles
Handles allow the operator to rotate the rod. This type of application simplifies the door construction.

Cams and keepers
Their main characteristic is to open, close and hold the door in place.

Guide plates
Their function is to keep the rod in position. They are mounted on both ends of the locking gear and against the cams.

Mounting System
Components should be fastened with washers and hexagonal or cylindrical head screws. If applied on vehicles that are subject to heavy vibrations we recommend to use spring washers or welds to prevent accidental loosening of the screws. For the correct tightening of screws we suggest to use an appropriate torque wrench to tighten the screws with a force proportional to the diameter (see Metric System page). To prevent the loosening of screws and rust leakage from the panel, fix the screws with a sealant and periodically check their tightening torque.

Warnings
If elements or accessories of other manufacturers are used and/or even minor changes are brought to our products, we cannot guarantee the proper functioning of the product over time.

PUSH 020911113 Inox
1808 gr./pc.
Recessed lock Ø16 PUSH 35 mm depth lockable.

PUSH 020910639 Inox
1800 gr./pc.
Recessed lock Ø16 PUSH 29 mm depth lockable.
STAINLESS STEEL CAM TYPE DOOR LOCKS AND ACCESSORIES

Application

"Surface mounted locking gears" are usually mounted on the rear doors of refrigerated bodies or closed bodies of industrial vehicles. They can also be used on container doors or other industrial applications. They have a specific strength, functionality and aesthetics.

Surface mounted locking gear consist of the following elements: Tube, handles or levers, cams, keepers and guide plates.

Tube
The tube is the main element of the locking gear which all the components are welded on to complete the lock. They are divided into three categories according to their outer diameter:
- Ø16. For small sized vehicles.
- Ø22. For medium sized vehicles.
- Ø27. For large sized vehicles.

Handles or levers
Handles or levers allow the operator to rotate the tube. Contrary to levers, the use of handles reduces installation times and are aesthetically more appealing. If using the lever, remember to order the appropriate lever retainer and lever mount kit. To preserve the function of the accessories do not overturn the handle more than 90°.

Cams and keepers
Their main characteristic is to open, close and hold the door in place. In order to select the correct types from the different models available you must evaluate the use, size and weight of the door, type of seal, etc...
All cams act as an anti-rack, providing that during assembly of the locking gear the support guides are positioned perfectly up against the cam. This avoids the racking of the door which will reflect to the hinges.

HI-PULL
025711072 Inox
2780 gr./pc.
External lock Ø22 HI-PULL. If fitted with the internal release device it is possible to open the lock even when the barrel is key locked.

PUSH
025704460 Inox
3034 gr./pc.
External lock Ø27 PUSH.