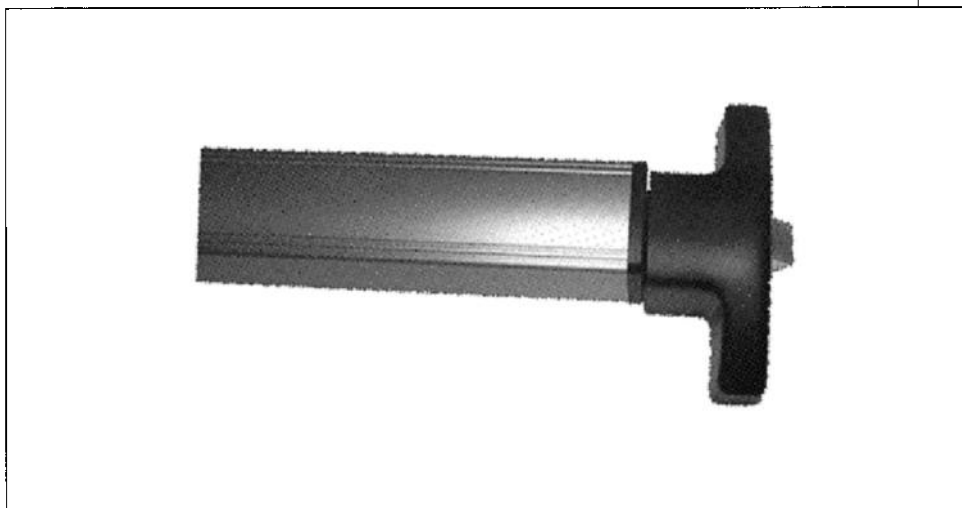
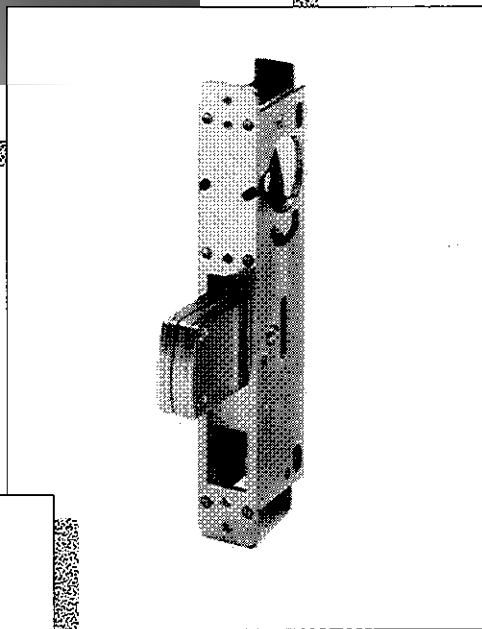
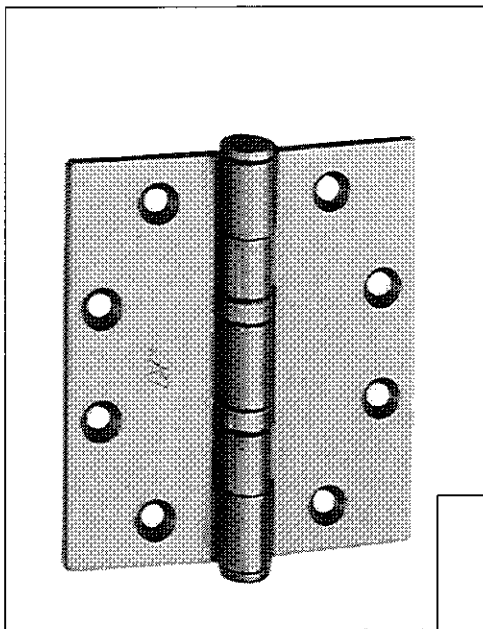
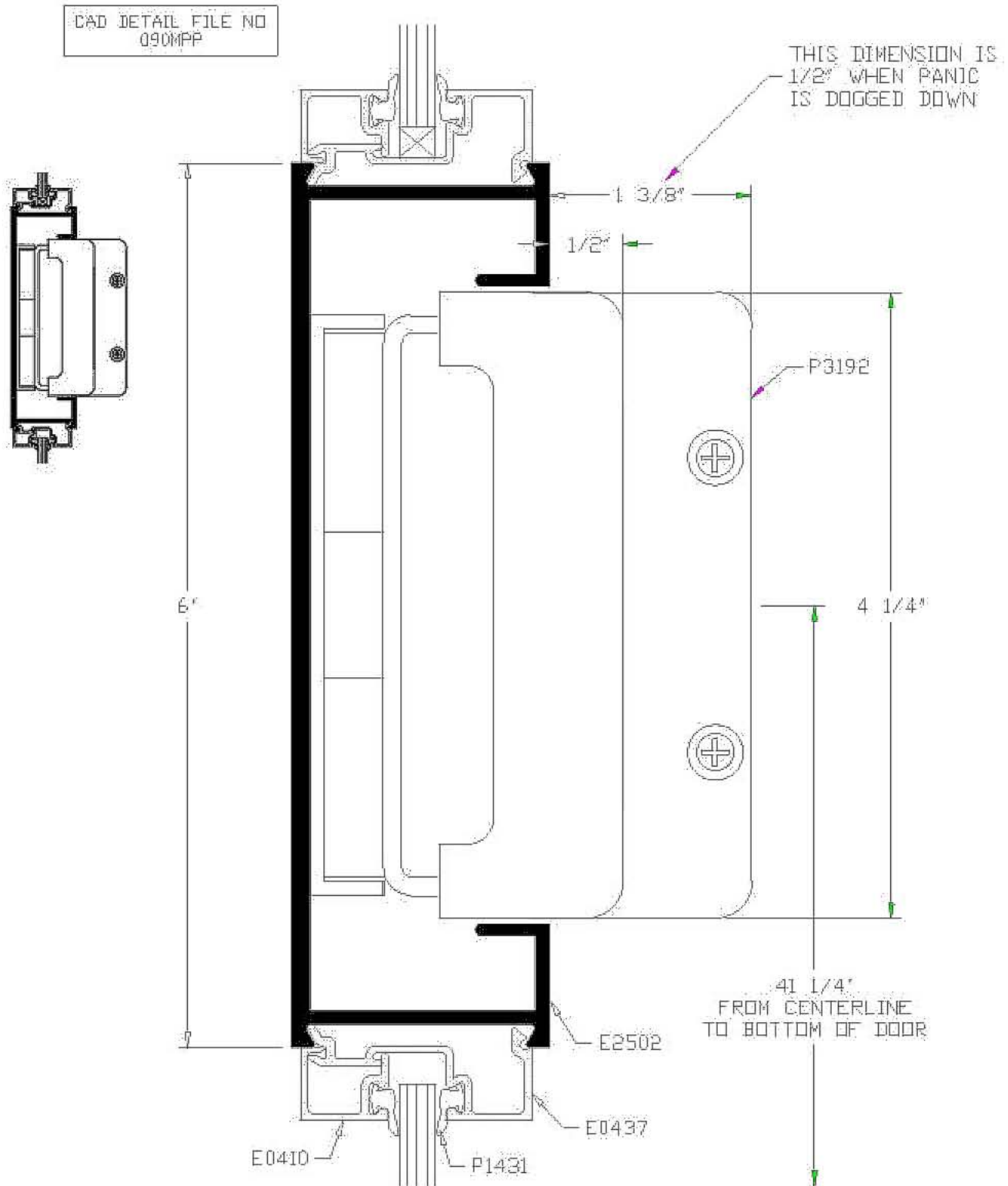


Hardware & Accessories



7.02

Standard Entrances Mid-Panel Panic End View First Choice 3100 Series



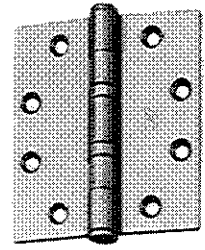
Hardware & Accessories

Hinges & Pivots

P 092

Mortised Butt Hinge

Both leaves of this hinge are punched and countersunk so they can be mortised into the door stile and frame. They are specially swaged to provide 1/16" clearance between leaves when parallel. Overall dimension is 4" x 4 1/2" when open. Button tips and plugs are standard. Five knuckle ball bearings are packed with grease to assure a quiet long life hinge. US26D or Bronze finish.



Offset Pivots

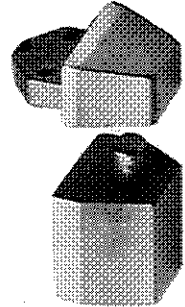
P 695A - Top Frame Pivot for 3/16" backset doors

P 1186A - Top Frame Pivot for flush mount doors

Cast aluminum body has oilite bronze bushing and is mortised into the door header and fastened with 3 countersunk screws

P 695B - Top Door Pivot for 3/16" backset doors

Cast aluminum body is securely attached to the door with 2 hex head bolts. A spring loaded hardened-steel pin permits easy installation of the door.



Offset Pivots

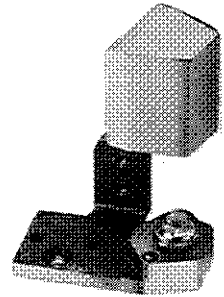
P 695C - Bottom Door Pivot for 3/16" backset doors

Cast aluminum body is securely fastened to the door with 2 hex head bolts. A full race bearing accepts the pivot pin on the floor portion.

P 695 - Floor Pivot for 3/16" backset doors

P 1186 - Floor Pivot for flush mount doors

Cast aluminum body has a hardened steel pivot pin and is screw attached to the floor and door frame for complete rigidity. A vertical adjustment of 1/8" is possible without removing the door.

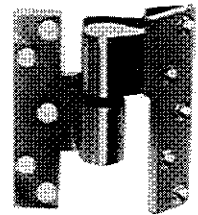


P 751

Intermediate Pivot

Use of intermediate pivots is recommended for offset hung doors over 3'-0" in width or over 7'-0" in height with 1/4" glass, and on all doors with glazing over 1/4" in thickness.

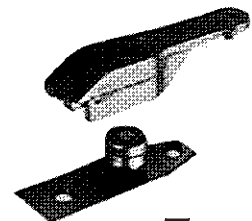
The P 751 is also used in heavy traffic areas or as a substitute for top pivot in concealed closer applications. Cast aluminum leaves are fully mortised into frame and door stile (requires reinforcing). Available in clear or bronze finish to match doors.



P 971

Center Pivot - Floor Portion

For use at the floor on center pivot doors with or without a threshold. Bottom arm door portion is cast aluminum and sits on the pivot bearing mounted to the floor or threshold with a plated steel bracket and countersunk screws. Vertical adjustment of 1/4" is possible without removing door. Mill finish only.



7.04 Hardware & Accessories Door Closers



P 1784

Overhead Surface Closer

International Series 780

P 1784 door closers are furnished standard with regular arms and mounting screws in finishes to match doors. All closers feature field adjustable backchecks and individual closing and latching speed adjustments. P 1784 closers are non-handed and preset with a size 4 spring power to meet average entrance conditions. They are generally not recommended for handicap entrances.



P2200

Overhead Surface Closer

Dorma 7414

Tubelite/DORMA door closers are non-handed and furnished standard for regular, top jamb or parallel arm applications. Slim plastic covers, adjustable backcheck, self tapping fasteners and individual valves to adjust sweep and latch speed are standard features. Finishes available are Clear aluminum (689) and Bronze (695) Hold open versions are available on request.

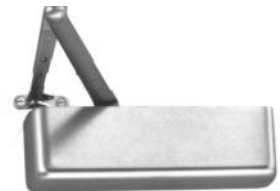


P2201

Overhead Surface Closer

Dorma 8616

Tubelite/DORMA door closers are non-handed and furnished standard for regular, top jamb or parallel arm applications. Slim plastic covers, adjustable backcheck, self tapping fasteners and individual valves to adjust sweep and latch speed are standard features. Finishes available are Clear aluminum (689) and Bronze (695) Hold open versions are available on request.



P 4040

Surface Overhead Closer

LCN 4040/4041 Super Smoothee

This heavy duty non-handed closer package includes Parallel arm shoe #4040 62PA. Adapter plate for mounting must be specified.

P 4040 closers feature field adjustable spring power from size 2 through size 6 for exterior handicap doors with opening widths between 36" and 48". P 4041 closers have field adjustable spring power from size 1 through size 4 to provide the right amount of control for interior handicap doors with opening widths between 36" and 48".



P 970

Concealed Overhead Closer

Jackson #20-330

P 970 closers are non-handed and are furnished standard with clips and mounting screws for single or double acting Center Pivoted, Offset Pivoted and Butt Hinge applications. They are available in three spring tensions, with 90° or 105° swing, and hold-open or non hold-open models to meet various requirements.

Hardware & Accessories

Locks

P 1420

Maximum Security Deadlock

Adams Rite MS 1850A

Standard long throw bolt of 5-ply laminated steel resists all types of saws. P 1420 accepts any 1 5/32" cylinder or thumbturn and has 1 1/8" backset on all stile widths. Lock mounts on back web of door stile and is spring loaded for easy adjustment. One 360° turn of the key retracts the counterbalanced bolt. Faceplate and cylinder are separate. May be used with Narrow, Medium and Wide Stile doors, and with conversion kits for 2 point (P 1010) and 3 point (P 1750) locking bolts.



P 1422

Maximum Security Deadlock - Short Throw Bolt

Adams Rite 1850A

15/16" bolt for special conditions, offers the same features and options as P 1420 long throw maximum security deadlock.

P 1421

Deadlatch Lock

Adams Rite 4510

P 1421 locks offer the flexibility of traffic control during or after business hours for free entry or exit only at desired times. These locks are interchangeable with any MS 1850 deadlock of equal backset and faceplate shape. Latchlock bolt has 1/2" throw and is constructed of zinc alloy with hardened steel pins embedded in Delrin® plastic insert. An auxiliary bolt of the same material defeats use of a knife blade to gain entry. Backset is 1 1/8", and any standard 1 5/32" cylinder with MS cam may be used. A reverse turn of the key while the bolt is held retracted retains the bolt in that position. Faceplate, cylinder, optional lever handle and strike are separate. Lock mounts on back web of door stile and is spring loaded for easy adjustment.

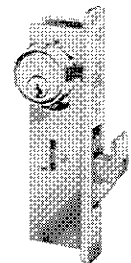


P 1424

Hookbolt Lock

Adams Rite MS 1850A-050

Hook bolt locks may be used with Narrow, Medium & Wide Stile doors. They are ideal for use with sliding doors, and for extra security on pairs of doors, as they provide additional resistance to attempted prying. Materials and components are the same as the P 1420 deadlock with the exception of the hook shape bolt.



Lock Faceplates

Faceplates

P 1408 - Radiused

Radiused faceplate for center pivoted doors and meeting stile for pairs of doors, has a durable double stitched pile weathersweep that extends the full length of the lock.

P-1409 L/R - Beveled

Beveled faceplates are used on standard hinged or offset pivoted single doors with P 1420 MS deadlocks. Extruded aluminum face for lock is handed for swing of door, and lays flush with door stile when lock is properly adjusted. Anodized finish to match door.



7.06

Hardware & Accessories

Lock Faceplates & Accessories



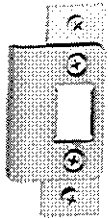
Faceplates

P 1410 - Radiused

Radiused faceplate for center pivoted doors, and meeting stile on pairs of doors with P 1421 latch lock. A double stitched pile weathersweep extends the full length of the lock.

P1411 L/R - Beveled

Beveled faceplates are used on standard hinged or offset pivoted doors with P 1421 latch locks. Extruded aluminum face for lock is handed for swing of door, and lays flush with door stile when lock is properly adjusted. Anodized finish to match door.



Face Strike

Adams Rite 4502

P 1171 - Flat

Flat face strike is used with P 1421 latch lock on frame jamb for beveled door stiles. Strike is made of buffed stainless steel and includes steel mounting plate, molded black plastic dust box and screws.

P1172 - Radiused

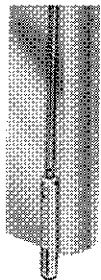
Radiused face strike is used with P 1421 latch lock on inactive leaf for pairs of doors. Materials and parts are similar to the flat face strike.



P 059

Flush Bolt

Use one each P 059 flush bolt for locking pairs of doors at the top and bottom of the inactive leaf. Zinc die cast housing is 4 1/4" long x 15/16" wide and screw applied through door stile radiused face. Bolt has adjustable throw on 12" threaded rod and includes nylon guide. Painted finish to match door.

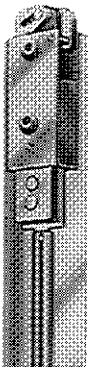


P 1010

Threshold Bolt

Adams Rite 4015

Two point lock conversion kit for any MS P 1420 deadlock on single doors or pairs of doors. A 360° turn of key or thumb turn simultaneously throws the deadlock bolt into the opposite door leaf or frame and drop-bolt into the threshold. Threshold bolts are constructed of 3/8" hardened steel, plated for corrosion resistance, and mounted on a threaded rod for exact adjustment to cylinder height. P 1010 may be used in conjunction with P 1750 header bolt for three point locks.



P 1750

Header Bolt

Adams Rite 4085

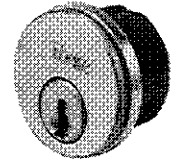
Three point lock conversion kit for any MS P 1420 deadlock and P 1010 threshold bolt on single doors or pairs of doors. A 360° turn of key or thumb turn simultaneously throws the deadlock bolt into the opposite door leaf or frame, kicking positioner bolt into the door header and drop-bolt into the threshold. Header bolts are 1/2" x 1 1/2" with 5/8" throw, and expands in a scissors action to center itself in its strike as it rises with the upward action of the deadbolt. Minor adjustment of the rod length is made by turning the nylon end of a threaded rod. P 1010 threshold bolt and P 1420 deadlock are described above.

Hardware & Accessories

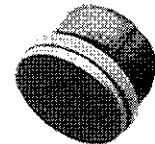
Locks & Accessories

P 572**Standard Mortised Cylinder**

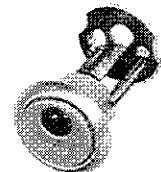
For use on all of our doors without panic exit devices. 1 5/32" diameter cylinder, plug and five-pin tumblers are made of brass. Face of lock cylinder is made of anodized aluminum to match door. Use 1 per door with P 023 thumb turn for finger operation from the interior side of the door.

**P 009****Dummy Mortised Cylinder**

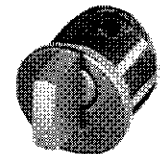
Use on doors in lieu of P 572 or P 023 where restricted access to lock is desired. 1 5/32" diameter cylinder, and plug are made of zinc. Face of dummy cylinder is made of anodized aluminum to match door. Specify interior or exterior location.

**P 573****Standard Rim Cylinder**

Use on all panic exit device doors.

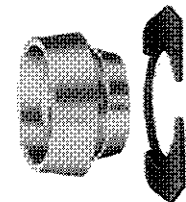
**P 023****Thumb Turn**

Use on interior lock stile of all doors without a panic exit device. The thumb turn allows operation of the door lock without using a key.

**P 716****Cylinder Guard**

Adams Rite MS 4043

Protects lock cylinder from removal by wrenches, prying or sawing to gain unauthorized entry. Security ring on exterior of door is made of hardened steel and turns freely when properly snap-fit with retainer plate on interior of stile wall. Painted finish to match door. Order cylinder separately.

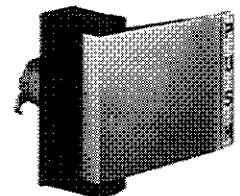


Panic Exit Devices

P 1008**Latch Paddle Exit Device**

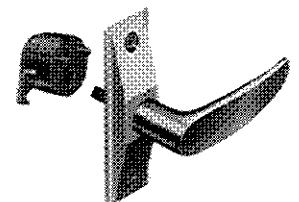
Adams Rite 4590

Alternate deadlatch operator for P 1421 lock may be used in lieu of lever handle or knob, and may be ordered for push or pull applications. Zinc alloy housing with black finish houses the operating mechanism and is secured to the door stile to resist pressure from any direction. Extruded 5 3/8" x 3" aluminum paddle in clear anodized finish extends 2 15/16" from face of door stile.

**P 348a****Lever Handle**

Adams Rite 4568

Operator handle for P 1421 deadlatch is 3 1/2" long and shaped for easy grip while keeping thumb and knuckles safely away from door and jamb. Handles are available in black Delrin® nylon. Cam plug is secure in latch body by cylinder set screw and rigidly tied to the handle escutcheon by hardened steel pins. Finish of escutcheon matches the door.



7.08

Hardware & Accessories

Panic Exit Devices



P 3692

Concealed Rod Panic Touchbar

Concealed vertical rod type panic exit device provides two latching points, one each at the top and bottom of the door, except when the crash bar is activated or when “dogged” open by the lock cylinder or by concealed retracting screws. Passage of large objects through pairs of doors is not obstructed by a vertical mullion between the doors. Bar projects 1½” from face of door and has heavy duty springs with nylon button type silencers for durable, quiet operation. Anodized high performance finish to match doors. Order cylinders separately.

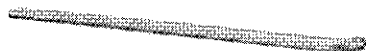


P 3792

Rim Mounted Panic Touchbar

Rim type panic devices provide one latch point at the lock stile of a door, except when the crash bar is activated, or when “dogged” open by the lock cylinder or by concealed retracting screws. A vertical mullion is required between pairs of doors. Crash bar projects 1½” from face of door and has heavy duty springs with nylon button type silencers for durable, quiet operation. Anodized high performance finish to match doors. Order cylinders separately.

Push Bars



P 1565

Standard Push Bar

1” diameter aluminum push bar has 2¾” projection from the face of the lock stile, which tapers to fasten flush to the face of the hinge stile. It is designed to match Tubelite’s P 1564 standard pull handle. P 1565 is available in sizes for 36”, 42” and 48” doors and can be cut down for custom sizes. Anodized finishes are available. Can be used on center pivoted doors, as well as butt hinges and offset pivots.

Hardware & Accessories

Push Bars

P 1564**Standard Pull Handle**

1" diameter offset aluminum pull handle features "Barrier Free Design" with 3 1/2" projection from face of door. P 1564 measures 8" from center-to-center of thru-bolt mounting. Anodized Clear and Bronze finishes are available. Use with our P 1565 standard push bar.

**P 1567****Wire Pull Handle**

1" diameter offset aluminum pull handle features "Barrier Free Design" with 3 1/2" projection from face of door. P 1567 measures 8" from center-to-center of stud mounting, for surface application. Anodized Clear and Bronze finishes are available.

**P 1568****Wire Pull (P-005 Replacement)**

1" diameter offset aluminum pull handle features "Barrier Free Design" with 3 1/2" projection from face of door. P 1568 measures 7" from center-to-center of stud mounting to allow replacement of obsolete P-005 pull handle. Anodized Clear and Bronze finishes are available.

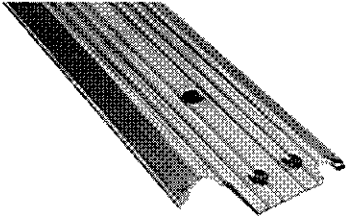
**P 1590****Wire Pull - Straight**

1" diameter offset aluminum pull handle features "Barrier Free Design" with 3 1/2" projection from face of door. P 1590 measures 10" from center-to-center of thru-bolt mounting. Clear and Bronze anodized finishes are available.



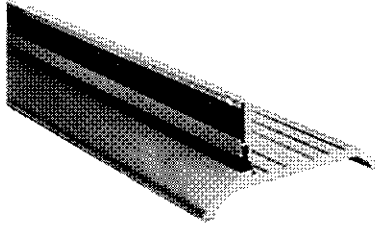
7.10

Hardware & Accessories Thresholds



X 36 through 72 Standard Door Threshold

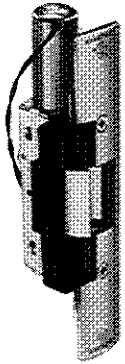
Extruded aluminum thresholds are machined to fit the type of door, size and type of hinge or pivot. They are furnished standard with the door unless specified otherwise. Standard thresholds are 1/2" in height and are beveled to the floor on both sides to provide easy access for wheelchairs and strollers.



P 1275, 1276, & 1277 Weathersweep

Vinyl weathersweep is screw applied to the bottom of the door with concealed fasteners on the mounting strip. Cut to fit doors up to 4'-0" in width. Finish to match door. Complementary threshold E 2058 may be ordered separately.

Miscellaneous















P 1580 Electric Strike

Provides remote electrical control for doors equipped with P 1421 latchlocks, and lever or knob-set operators. Electrical actuation unlocks the strike jaw, releasing the latchbolt, and allowing the door to be opened without operating the latch.

Requires 24 volt AC current. Transformer and related wiring are not included. See our P1421 latchlock and accessories.

Hardware & Accessories

Weathering Gaskets

Illustration	Part Number	Description	Unit	Rolls Per Box
	P 1431	Vinyl Gasket - .072" Face Clearance Use with E0437, E0410, E0411 - 1/4" Infill	750'-0" Rolls	3
	P 912	Vinyl Gasket - .219" Face Clearance Use with E0926, E0927, E0929 - 3/4" Infill	250'-0" Rolls	-
	P 302	Vinyl Gasket - .094" Face Clearance Use with E0926, E0927, E0929 - 1" Infill	750'-0" Rolls	3
	P 1477	Vinyl Gasket - .040" Face Clearance Use with E0437, E0410, E0411 - 1/4" Infill	500'-0" Rolls	-
	P 1112	Vinyl Gasket - .1875" Face Clearance Use with E3094, E2892 - 1" Infill	500'-0" Rolls	-
	P 2528	Vinyl Gasket - .2188" Face Clearance Use with E4000, E4500, E14000 - 1/4" to 1" Infill	250'-0" Rolls	-
	P 487	Vinyl Gasket - .0838" Face Clearance Use with E4000, E4500, E14000 - 1/4" to 1" Infill	500'-0" Rolls	-
	P 1221	Vinyl Gasket - .1875" Face Clearance Use with E40116, E45116	750'-0" Rolls	-
	P 013A	Pile Weathering - Use with E0859 - Door Stop	500'-0" Rolls	4
	P 013D	Pile Weathering - Use with E0057, E0088, E0131 - Pairs of Doors	500'-0" Rolls	4
	P 1098	Pile Weathering Use with E1377, E1572, E4531 - Door Stops	2,000'-0" Rolls	2
	P 1098A	Pile Weathering with fin Use with E1377, E1572, E4531 - Door Stops	2,000'-0" Rolls	-

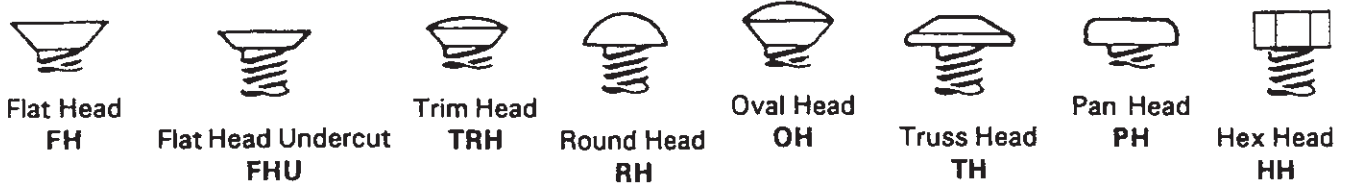
Hardware & Accessories
Screws

Screws

Part Number	Size	Thread Type	Head Type	Material	Part Number	Size	Thread Type	Head Type	Material
S073 ♦	4 x 1/2"	ST	PH	St. Steel	#S149	12 x 3/4"	ST	FH	Steel
S064	6 x 3/8"	ST	FH	Steel	S055	12 x 3"	WS	FH	Steel
*S060	6 x 1/2"	ST	PH	Steel	#S070	12-24 x 1/2"	MS	FHU	Steel
S196	8 x 3/8"	ST	PH	St. Steel	#S086	12-24 x 1/2"	MS	FH	Steel
S198 ♦	8 x 5/8"	ST	FH	Steel	#S286	12-24 x 5/8"	MS	FHU	Steel
#S131	8-32 x 5/16"	MS	FHU	Steel	S139	14 x 1/2"	ST	HH	St. Steel
S045	8-32 x 3/4"	MS	FH	Steel	S328	14 x 1"	ST	HH	St. Steel
S019 ♦	8-32 x 1"	MS	TRH	Alum.	S057	14 x 1 1/2"	WS	FH	Steel
S197	10 x 3/8"	ST	FH	St. Steel	S153	1/4-20 x 1/2"	MS	FHU	Steel
#S191	10 x 1/2"	ST	TH	St. Steel	S005 ♦	1/4-20 x 5/8"	MS	HH	St. Steel
S017	10 x 5/8"	ST	PH	St. Steel	S193	1/4-20 x 5/8"	MS	PH	St. Steel
#S192	10 x 5/8"	ST	FH	St. Steel	S047	1/4-20 x 3/4"	MS	FH	Steel
S357 ♦	10 x 5/8"	ST	HWH	St. Steel	S142 ●	1/4-20 x 3/4"	MS	HH	Steel
S270	10 x 3/4"	ST	PH	St. Steel	#S194 ♦	1/4-20 x 7/8"	MS	FH	St. Steel
S202	10 x 3/4"	ST	HPH	Steel	S166	1/4-20 x 1"	MS	FH	Steel
S146	10 x 1"	ST	PH	St. Steel	S092	1/4-20 x 1 1/2"	MS	FH	Steel
S269	10 x 1"	ST	HH	St. Steel	S091 ♦	1/4-20 x 2"	MS	FH	Steel
S009	10 x 1 1/4"	ST	PH	St. Steel	S155	1/4-20 x 3"	MS	FH	Steel
S285 ♦	10 x 2"	ST	PH	Steel					
*S063 ♦	10-24 x 1/4"	MS	FHU	Alum.					
#S161	10-24 x 1/2"	MS	FH	St. Steel					
S004	10-24 x 1"	MS	FH	Alum.					
S303 ♦	10-24 x 1 1/2"	MS	FH	St. Steel					
S329	10-32 x 1 7/8"	MS	FH	Steel					

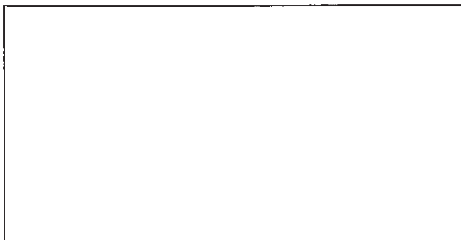
Thread Type: MS = Machine Screw, WS = Wood Screw, SH = Socket Head, ST = Self Tapping

Head Type:



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