

TRUCK DUTY CASTERS

COLSON 4 SERIES

Features

- SWIVEL DESIGN: Large, Hardened Double Ball Raceway $\frac{5}{8}$ " Kingpin.
- TOP PLATE: $\frac{1}{4}$ " Steel
- LEGS: $\frac{1}{4}$ " Formed Steel
- FINISH: Zinc Plate
- NSF(National Sanitation Foundation) Approved



4.06109.459.2

Options (See below)

- Four Position Swivel Lock
- Sealed Swivel
- Wheel Brake
- Total Lock Brake

V-Groove
Wheel

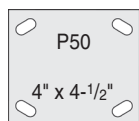


4.06108.739

Quality Colson casters are tested and rated for commercial use on your equipment. Roller bearings come standard, Delrin, Brass, or Precision ball bearings are also available.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER		WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
			SWIVEL	RIGID			
4"		350 lbs.	4.04109.459.2	4.04108.459.2	Performa Flat Black	3-9/16"	5-5/8"
		400 lbs.	4.04109.649.7	4.04108.649.7	Mold-on Rubber Cast Iron		
		500 lbs.	4.04109.839	4.04108.839	Polyolefin		
		560 lbs.	4.04109.949.7	4.04108.949.7	Polyurethane on Cast Iron		
		600 lbs.	4.04109.929	4.04108.929	Polyurethane HI-TECH		
		640 lbs.	4.04109.539	4.04108.539	Maxim		
		800 lbs.	4.04109.339	4.04108.339	Phenolic		
			4.04109.739	4.04108.739	V-Groove		
5"		1,000 lbs.	4.04109.139	4.04108.139	Cast Iron	4-1/4"	6-1/2"
		375 lbs.	4.05109.459.2	4.05108.459.2	Performa Flat Black		
		400 lbs.	4.05109.649.7	4.05108.649.7	Mold-on Rubber Cast Iron		
		650 lbs.	4.05109.839	4.05108.839	Polyolefin		
		750 lbs.	4.05109.929	4.05108.929	Polyurethane HI-TECH		
		800 lbs.	4.05109.949.7	4.05108.949.7	Polyurethane on Cast Iron		
			4.05109.539	4.05108.539	Maxim		
			4.05109.139	4.05108.139	Cast Iron		
6"	2"		4.05109.339	4.05108.339	Phenolic	5"	7-1/2"
		1,250 lbs.	4.05109.239	4.05108.239	Forged Steel		
		450 lbs.	4.06109.649.7	4.06108.649.7	Mold-on Rubber Cast Iron		
			4.06109.559	4.06108.559	Performa Round Gray		
		600 lbs.	4.06109.459.2	4.06108.459.2	Performa Flat Black		
		700 lbs.	4.06109.839	4.06108.839	Polyolefin		
		900 lbs.	4.06109.929	4.06108.929	Polyurethane HI-TECH		
		960 lbs.	4.06109.539	4.06108.539	Maxim		
8"			4.06109.949.7	4.06108.949.7	Polyurethane on Cast Iron	6-1/2"	9-1/2"
		1,200 lbs.	4.06109.339	4.06108.339	Phenolic		
			4.06109.739	4.06108.739	V-Groove		
		1,250 lbs.	4.06109.139	4.06108.139	Cast Iron		
		500 lbs.	4.08199.649.7	4.08198.649.7	Mold-on Rubber Cast Iron		
		600 lbs.	4.08199.559	4.08198.559	Performa Round Gray		
		675 lbs.	4.08199.459.2	4.08198.459.2	Performa Flat Black		
			4.08199.435.2	4.08198.435.2	Performa Flat Black PBB		
		900 lbs.	4.08199.839	4.08198.839	Polyolefin	6-1/2"	9-1/2"
		1,000 lbs.	4.08199.929	4.08198.929	Polyurethane HI-TECH		
		1,120 lbs.	4.08199.539	4.08198.539	Maxim		
			4.08199.949.7	4.08198.949.7	Polyurethane on Cast Iron		
		1,250 lbs.	4.08199.339	4.08198.339	Phenolic		
			4.08199.139	4.08198.139	Cast Iron		

Plate Options



Standard
Plate

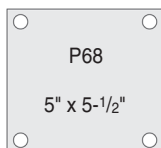


Plate Option
MTG 4

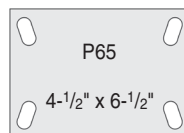


Plate Option
MTG 2



Tread Lock Brake
BRK1



Tech Lock Brake
BRK2



Total Lock Brake
BRK4

BASSICK ‘AS’ SERIES

Features

- SWIVEL DESIGN: Sealed, Hardened Bearings and Races for Easier Swiveling and Long Life.
- TOP PLATE: 13/64" Steel
- LEGS: 3/16" Formed Steel
- FINISH: Zinc Chromate for Corrosion Resistance more than Double that of Ordinary Zinc Plate.
- NSF Approved



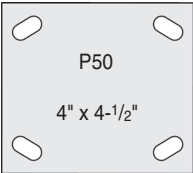
5AS3R-7

Options (See below)

- Total Lock
- Swivel Lock

For platform trucks, warehouse trucks, and other material handling trucks carrying up to 5,000 pounds in either hand pushed or towed applications. Swivel raceway has polymer seals that retain lubricants and exclude contaminants for a longer life and better swiveling. High quality machine welds and husky kingpin for added strength. The finish is zinc chromate for corrosion resistance over double that of ordinary zinc plate. Optional brake locks both wheel and swivel.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER		WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
			SWIVEL	RIGID			
5"	2"	400 lbs.	5AS-649.7	5AR-649.7	Mold-on Rubber Cast Iron	3-15/16"	6-1/2"
		650 lbs.	5AS-839	5AR-839	Polyolefin		
		1,000 lbs.	5AS-339	5AR-339	Phenolic		
			5AS-139	5AR-139	Cast Iron		
		1,250 lbs.	5AS3P-7	5AR3P-7	Polyurethane on Aluminum		
6"		450 lbs.	6AS-649.7	6AR-649.7	Mold-on Rubber Cast Iron	4-5/8"	7-1/2"
		700 lbs.	6AS-839	6AR-839	Polyolefin		
		1,200 lbs.	6AS-339	6AR-339	Phenolic		
		1,250 lbs.	6AS-139	6AR-139	Cast Iron		
			6AS3P-7	6AR3P-7	Polyurethane on Aluminum		
8"		500 LBS.	8AS-649.7	8AR-649.7	Mold-on Rubber Cast Iron	6"	9-1/2"
		900 LBS.	8AS-839	8AR-839	Polyolefin		
		1,250 lbs.	8AS3P-7	8AR3P-7	Polyurethane on Aluminum		
			8AS-339	8AR-339	Phenolic		
			8AS-139	8AR-139	Cast Iron		



Standard Plate

Optional Total Lock



TRUCK DUTY CASTERS

RWM 48 SERIES

Features

- SWIVEL DESIGN: Sealed Precision Ball Bearing Swivel Race.
- TOP PLATE: 1/4" Steel
- LEGS: 1/4" Formed Steel
- FINISH: Zinc Plated



48-UIR-0620-S

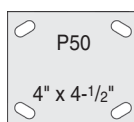
Options

- DSL Demountable Swivel Lock
- HT High Temperature Lubrication
- LT Low Temperature Lubrication
- NY Notched Yoke
- SL 4 - Position Swivel Lock
- TG Thread Guards
- WB Wheel Brake (Tread Lock Brake)
- WS Wheel Seals

RWM's exclusive precision ball bearing swivel section is sealed for life, making it completely maintenance free. It is capable of extreme radial and thrust loads and offers ultra quiet operation. To designate a brake add -CWB at the end of the part number, brakes are available on swivel casters only.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER		WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
			SWIVEL	RIGID			
4"	1-1/2"	1,400 lbs.	48-FSR-0415-S	48-FSR-0415-R	Forged Steel	3-3/16"	5-5/8"
		700 lbs.	48-UIR-0420-S	48-UIR-0420-R	Polyurethane on Iron		
		800 lbs.	48-CIR-0420-S	48-CIR-0420-R	Cast Iron		
			48-DUR-0420-S	48-DUR-0420-R	Phenolic (Durastan)		
			48-VIR-0420-S	48-VIR-0420-R	V-Groove Iron		
5"	2"	1,050 lbs.	48-GTB-0420-S	48-GTB-0420-R	Ergo GT Solid Elastomer PBB	3-27/32"	6-1/2"
		800 lbs.	48-VIR-0520-S	48-VIR-0520-R	V-Groove Iron		
		1,000 lbs.	48-DUR-0520-S	48-DUR-0520-R	Phenolic (Durastan)		
			48-CIR-0520-S	48-CIR-0520-R	Cast Iron		
			48-UIR-0520-S	48-UIR-0520-R	Polyurethane on Iron		
6"	2"	1,200 lbs.	48-GTB-0520-S	48-GTB-0520-R	Ergo GT Solid Elastomer PBB	4-9/16"	7-1/2"
		1,500 lbs.	48-FSR-0520-S	48-FSR-0520-R	Forged Steel		
		1,000 lbs.	48-UOR-0620-S	48-UOR-0620-R	Omega Polyurethane		
			48-VIR-0620-S	48-VIR-0620-R	V-Groove Iron		
			48-CIR-0620-S	48-CIR-0620-R	Cast Iron		
8"	2"	1,200 lbs.	48-DUR-0620-S	48-DUR-0620-R	Phenolic (Durastan)	6"	9-1/2"
		1,230 lbs.	48-UIR-0620-S	48-UIR-0620-R	Polyurethane on Iron		
		1,500 lbs.	48-GTB-0620-S	48-GTB-0620-R	Ergo GT Solid Elastomer PBB		
			48-FSR-0620-S	48-FSR-0620-R	Forged Steel		
			48-VIR-0820-S	48-VIR-0820-R	V-Groove Iron		
8"	2"	1,050 lbs.	48-UIR-0820-S	48-UIR-0820-R	Omega Polyurethane	6"	9-1/2"
		1,200 lbs.	48-UOR-0820-S	48-UOR-0820-R	Omega Polyurethane		
		1,400 lbs.	48-CIR-0820-S	48-CIR-0820-R	Cast Iron		
			48-DUR-0820-S	48-DUR-0820-R	Phenolic (Durastan)		
			48-UIR-0820-S	48-UIR-0820-R	Polyurethane on Iron		
		1,500 lbs.	48-GTB-0820-S	48-GTB-0820-R	Ergo GT Solid Elastomer PBB		

Options



Standard Plate

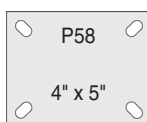


Plate Option 41

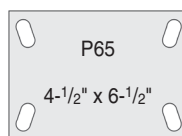


Plate Option 42

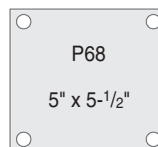


Plate Option 43



TREAD LOCK BRAKE
CWB

RWM 65 SERIES KINGPINLESS

Features

- **SWIVEL DESIGN:** Patented Kingpinless Single Ball Precision Machined Swivel Race Flame Hardened 2-3/8" Diameter with 3/8" Ball Bearings.
- **TOP PLATE:** 1/4" Steel
- **LEGS:** 1/4" Formed Steel
- **FINISH:** Zinc Plated

See Plate and Brake Options Below



65-FSR-0415-S

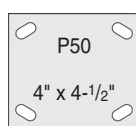
Options

- DSL Demountable Swivel Lock
- HT High Temperature Lubrication
- LT Low Temperature Lubrication
- SL 4 - Position Swivel Lock
- SR Sealed Swivel
- TG Thread Guards
- WB Wheel Brake
- WS Wheel Seals

Incorporating its unique and patented kingpinless design this caster is built to take continuous punishment from the toughest industrial applications. The kingpinless design provides superior swivel action with a single row of ball bearings rolling in a mirror smooth, hardened raceway. These casters offer improved swivel action, longer service life, reduced maintenance costs and down time and improved productivity. Roller bearings standard, Delrin, Brass, or Precision ball bearings available.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER		WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
			SWIVEL	RIGID			
4"	1-1/2"	1,400 lbs.	65-FSR-0415-S	65-FSR-0415-R	Forged Steel	3-3/16"	5-5/8"
		700 lbs.	65-UIR-0420-S	65-UIR-0420-R	Polyurethane on Iron		
			65-CIR-0420-S	65-CIR-0420-R	Cast Iron		
			65-DUR-0420-S	65-DUR-0420-R	Phenolic (Durastan)		
			65-VIR-0420-S	65-VIR-0420-R	V-Groove Iron		
		1,050 lbs.	65-GTB-0420-S	65-GTB-0420-R	Ergo GT Solid Elastomer PBB		
5"	2"	800 lbs.	65-VIR-0520-S	65-VIR-0520-R	V-Groove Iron	3-27/16"	6-1/2"
		1,000 lbs.	65-DUR-0520-S	65-DUR-0520-R	Phenolic (Durastan)		
			65-CIR-0520-S	65-CIR-0520-R	Cast Iron		
		1,050 lbs.	65-UIR-0520-S	65-UIR-0520-R	Polyurethane on Iron		
		1,200 lbs.	65-GTB-0520-S	65-GTB-0520-R	Ergo GT Solid Elastomer PBB		
		1,500 lbs.	65-FSR-0520-S	65-FSR-0520-R	Forged Steel		
6"	2"	1,000 lbs.	65-UOR-0620-S	65-UOR-0620-R	Omega Polyurethane	4-9/16"	7-1/2"
			65-VIR-0620-S	65-VIR-0620-R	V-Groove Iron		
		1,200 lbs.	65-CIR-0620-S	65-CIR-0620-R	Cast Iron		
			65-DUR-0620-S	65-DUR-0620-R	Phenolic (Durastan)		
		1,230 lbs.	65-UIR-0620-S	65-UIR-0620-R	Polyurethane on Iron		
		1,500 lbs.	65-GTB-0620-S	65-GTB-0620-R	Ergo GT Solid Elastomer PBB		
8"	2"		65-FSR-0620-S	65-FSR-0620-R	Forged Steel	6-1/4"	9-1/2"
		1,050 lbs.	65-VIR-0820-S	65-VIR-0820-R	V-Groove Iron		
		1,200 lbs.	65-UOR-0820-S	65-UOR-0820-R	Omega Polyurethane		
		1,400 lbs.	65-CIR-0820-S	65-CIR-0820-R	Cast Iron		
			65-DUR-0820-S	65-DUR-0820-R	Phenolic (Durastan)		
		1,500 lbs.	65-UIR-0820-S	65-UIR-0820-R	Polyurethane on Iron		
		1,800 lbs.	65-GTB-0820-S	65-GTB-0820-R	Ergo GT Solid Elastomer PBB		

Options



Standard Plate

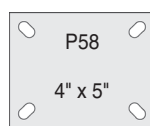


Plate Option 41

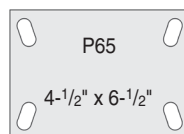


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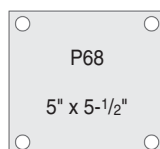


Plate Option 43



TRUCK DUTY CASTERS

PNEUMATIC CASTERS

Features

- SWIVEL DESIGN: Large, Hardened Double Ball Raceway.
- TOP PLATE: 1/4" Steel
- LEGS: 1/4" Formed Steel
- FINISH: Zinc Plate



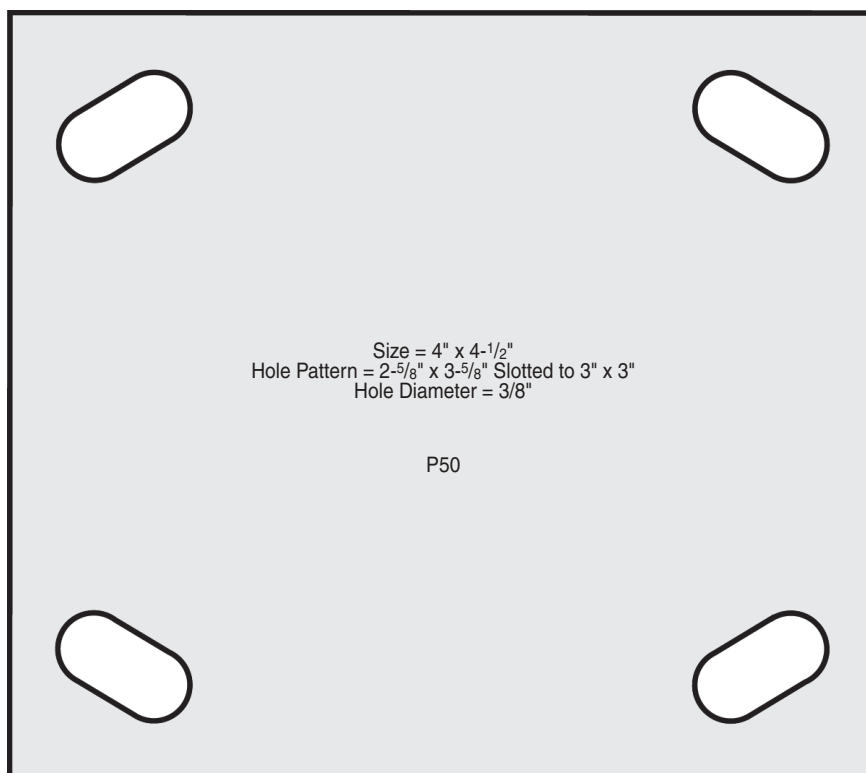
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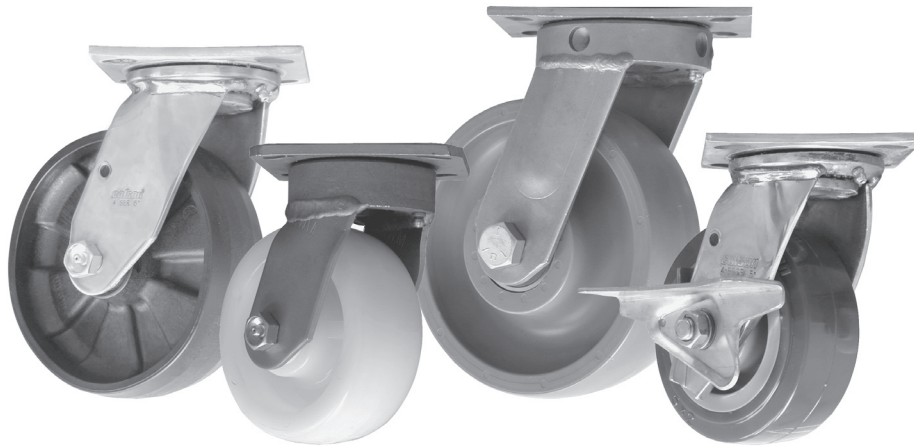
4.08118.93-BLK

These low speed (3 m.p.h. Max.) casters provide the same air ride as your car tires. On rough surfaces and in sand or dirt these casters provide flotation and absorb shock better than any other model. Available with non-marking gray wheel.

WHEEL DIAMETER	DYNAMIC LOAD	TIRE SIZE	PLY RATING	PART NUMBER		WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
				SWIVEL	RIGID			
8"	300 lbs.	280/250	4	4.08119.93-BLK	4.08118.93-BLK	Black Rubber	6-3/4"	10-1/8"
				4.08119.93-GRY	4.08118.93-GRY	Gray Rubber		
10"	350 lbs.	410/350		4.10119.93-BLK	4.10118.93-BLK	Black Rubber	8-1/4"	12-1/2"
				4.10119.93-GRY	4.10118.93-GRY	Gray Rubber		



STAINLESS STEEL RIGS

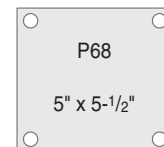
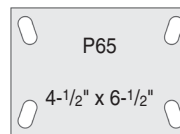
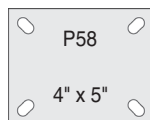
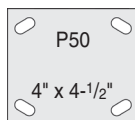


Rigs shown with typical Wheels

Stainless Steel offers the perfect solution to wet and corrosive environments. These rigs are suitable for applications such as meat, fish and poultry plants; dairies; laundries; laboratories; food manufacturing; hospitals; bakeries; restaurants and a variety of institutions. The load capacities range from 270 lbs. to 3,100 lbs. each and a temperature range of -45°F to +525°F.. See below for plate Options and typical wheels used in these rigs.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER		PLATES	SWIVEL RADIUS	LOAD HEIGHT
			SWIVEL	RIGID			
4"	2"	1,000 lbs.	4.04109 SS	4.04108 SS	P50	3-9/16"	5-5/8"
		1,050 lbs.	S65-0420-S	S65-0420-R	P50, P58, P65, P68	3-9/32"	
5"		1,000 lbs.	4.05109 SS	4.05108 SS	P50	4-1/4"	6-1/2"
		1,050 lbs.	S65-0520-S	S65-0520-R	P50, P58, P65, P68	3-15/16"	
6"		1,200 lbs.	4.06109 SS	4.06108 SS	P50	5"	7-1/2"
			S65-0620-S	S65-0620-R	P50, P58, P65, P68	4-21/32"	
	2-1/2"	2,300 lbs.	S75-0625-S	S75-0625-R	P65	4-3/8"	
	3"	2,500 lbs.	S75-0630-S	S75-0630-R	P65		
8"	2"	1,200 lbs.	S65-0820-S	S65-0820-R	P50, P58, P65, P68	6-3/8"	9-1/2"
		1,250 lbs.	4.08199 SS	4.08198 SS	P50	6-1/2"	
	2-1/2"	2,400 lbs.	S75-0825-S	S75-0825-R	P65	6-3/32"	10-1/8"
	3"	3,100 lbs.	S75-0830-S	S75-0830-R	P65		

Plates



Wheels



Nylon
Delrin or Sealed
Roller Bearing



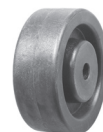
Maxim
Glass Filled Nylon
High Temp.
Brass Bearing



Polyolefin
Delrin or Sealed
Roller Bearing



Performa
Delrin or Sealed
Roller Bearing



Thermo Resin
Plain Bore



Polyurethane
Delrin or Sealed
Roller Bearing



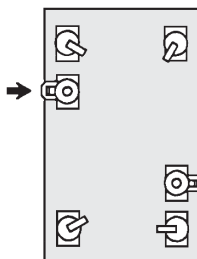
Solid Elastomer
Precision Ball
Bearing

FLOOR LOCKS

INSTITUTIONAL FLOOR LOCKS



FL-H3.5-INST

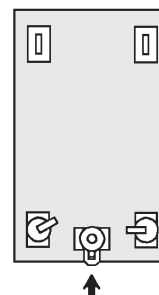


INSTALLATION INFORMATION

Where there are four swivel casters on a piece of equipment, use at least two position locks.

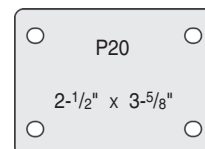
<--(see drawing at left)

When you have two rigid and two swivel casters, only one position lock is needed. (see drawing at right)-->



Colson offers a complete line of floor locks to immobilize rolling equipment quickly and effectively. Installation is fast and easy. Simply bolt or weld to the underside of portable equipment. Floor locks are designed to be used on level surfaces and are **not recommended for use on inclined surfaces**. Select a model with an extended height $\frac{1}{16}$ " to $\frac{1}{4}$ " greater than the overall height of the casters.

PART NUMBER	RETRACTED HEIGHT	EXTENDED HEIGHT	MOUNT CODE
FL-H3.5-INST	3-7/8"	4-15/16"	P20
FL-H4-INST	4-1/2"	5-17/32"	
FL-H5-INST	5-11/64"	6-7/32"	



HEAVY DUTY FLOOR LOCKS



F430

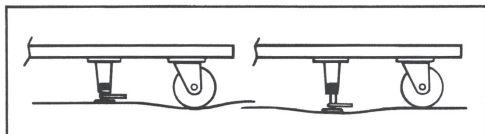
A floor lock immobilizes equipment in any desired location, but does not interfere with its movement when not in use. Locking action is created when a friction foot of nearly 10 Sq. inches is pressed against the floor with the force of 70 to 100 lbs.. This is a constant duty floor lock best used where locking and unlocking of load will happen many times each day.

NOMINAL CASTER HEIGHT	MODEL NUMBER	RETRACTED HEIGHT	EXTENDED HEIGHT	PLATE SIZE	BOLT HOLE SPACING	HOLE DIAMETER
4-7/8" to 5-1/2"	F410U	4-11/16"	5-5/8"	3-11/16" X 5-3/8"	2-5/8" X 3-5/8"	3/8"
4-7/8" to 5-5/16"	F430S		5-13/32"			
6-3/8" to 7-1/8"	F550S	6-1/4"	7-1/4"	4-1/2" X 6"	2-7/16" X 4-15/16"	1/2"
6-3/4" to 7-5/8"	F600U	6-3/4"	7-3/4"			
8-3/4" to 9-7/8"	F800U	8-7/8"	9-15/16"	5-3/8" X 7-1/4"	3-3/8" X 5-1/4"	
9-1/8" to 10-1/8"	F802S	9-1/4"	10-1/4"			

ADU-LOK FLOOR LOCKS

Features

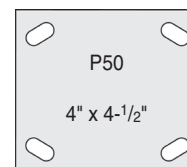
- BODY: Corrosion Resistant Cast Aluminum Alloy.
- FOOT: Firm Grip, Non-Marking Rubber Pad.
- TOP PLATE: Standard 2-5/8" x 3-5/8" Slotted to 3" x 3"
- MECHANISM: Spring Loaded Foot and Shelf Actuating Levers to Provide Efficient Braking.
- HEIGHT: Variable Height Affords Infinite Adjustment up to the Maximum Height.



BUILT-IN FLEX and Floating Foot Compensate for Irregular Floors.



FL-C6-ADJUST



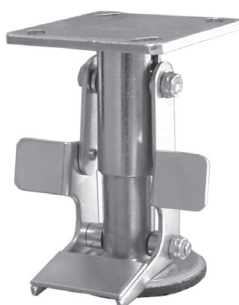
An efficient lock for positioning trucks, stands and work benches for stable loading, unloading and work convenience. In most applications affords greater floor clearance than ordinary floor locks.

MODEL NUMBER	RECOMMENDED OPERATING HEIGHT	RETRACTED HEIGHT	EXTENDED HEIGHT	APPROXIMATE WEIGHT
FL-C6-ADJUST	6-1/2" TO 7-1/2"	5-1/2"	8"	3-1/2 lbs.
FL-C8-ADJUST	8" TO 10-1/2"	7"	11"	4 lbs.

LIGHT DUTY FLOOR LOCKS



FL-H4-TRUCK
HORN TYPE



FL-P4-TRUCK
PEDAL TYPE

Economical floor locks for light work. They have a spring mechanism that keeps the friction pad in contact with the floor.

MODEL NUMBER	RETRACTED HEIGHT	EXTENDED HEIGHT	DESCRIPTION
FL-H4-TRUCK	5-1/16"	5-3/4"	Horn Type
FL-P4-TRUCK	4-5/8"	5-7/8"	Pedal Type
FL-H5-TRUCK	5-5/8"	6-5/8"	Horn Type
FL-P5-TRUCK	5-1/2"	6-3/4"	Pedal Type
FL-H6-TRUCK	6-5/8"	7-5/8"	Horn Type
FL-P6-TRUCK	6-1/2"	7-3/4"	Pedal Type
FL-H8-TRUCK	8-5/8"	9-5/8"	Horn Type
FL-P8-TRUCK	8-1/2"	9-3/4"	Pedal Type

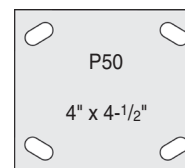
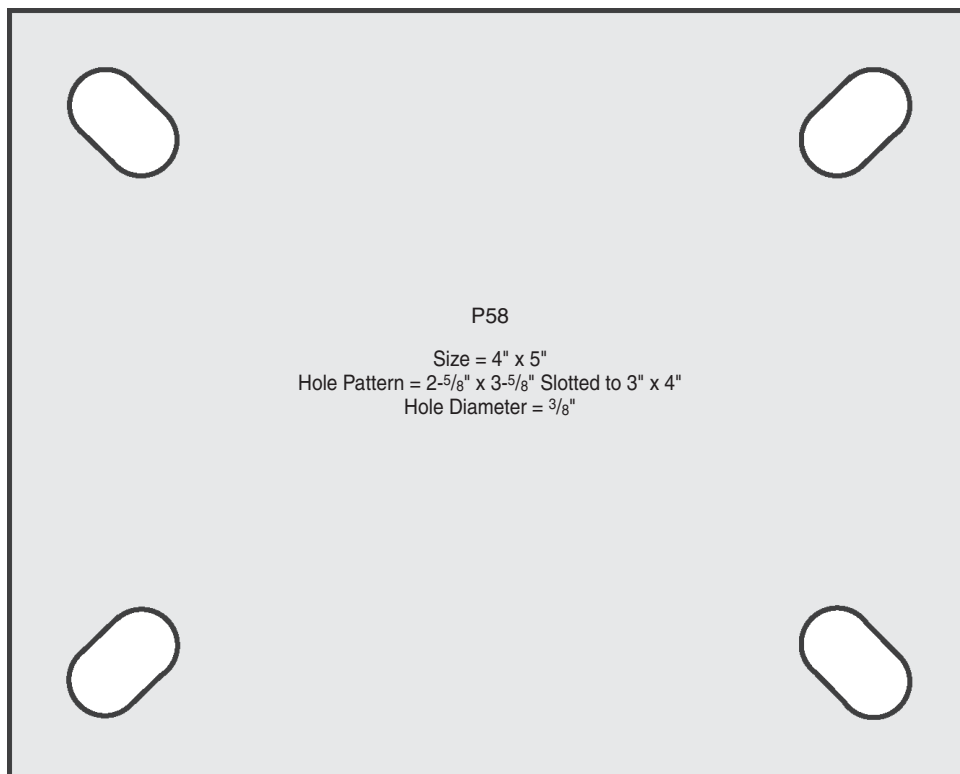
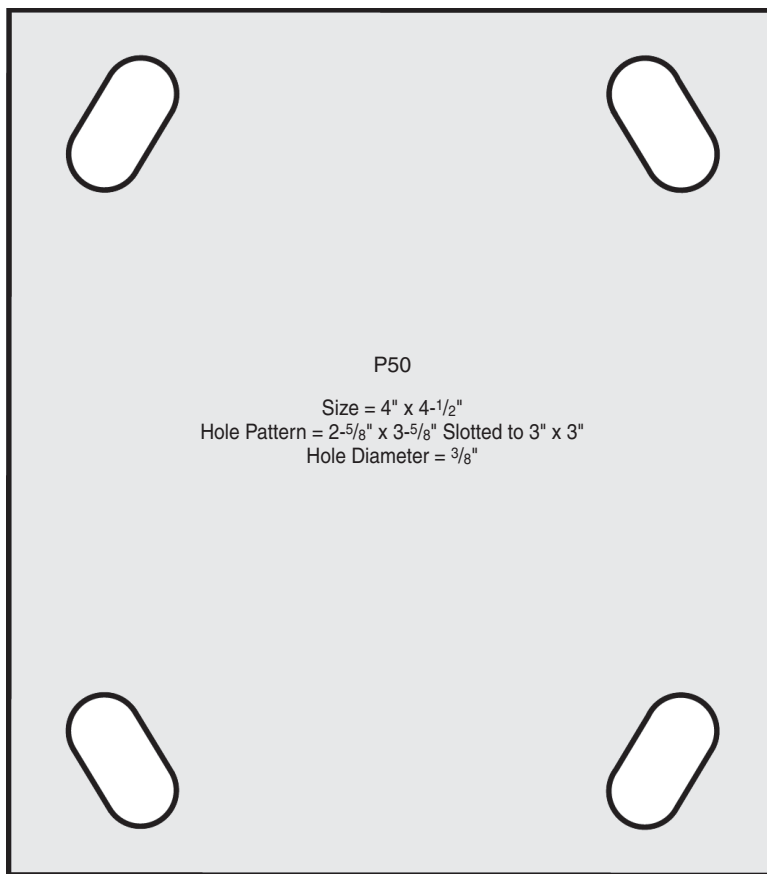


PLATE MOUNTINGS



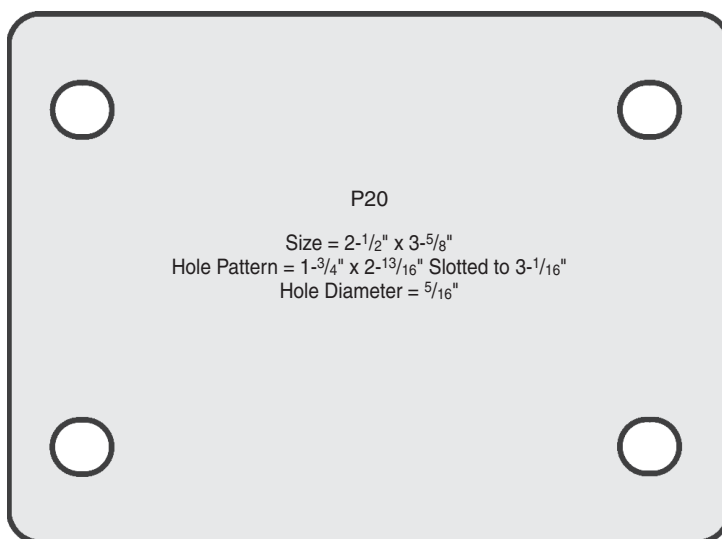
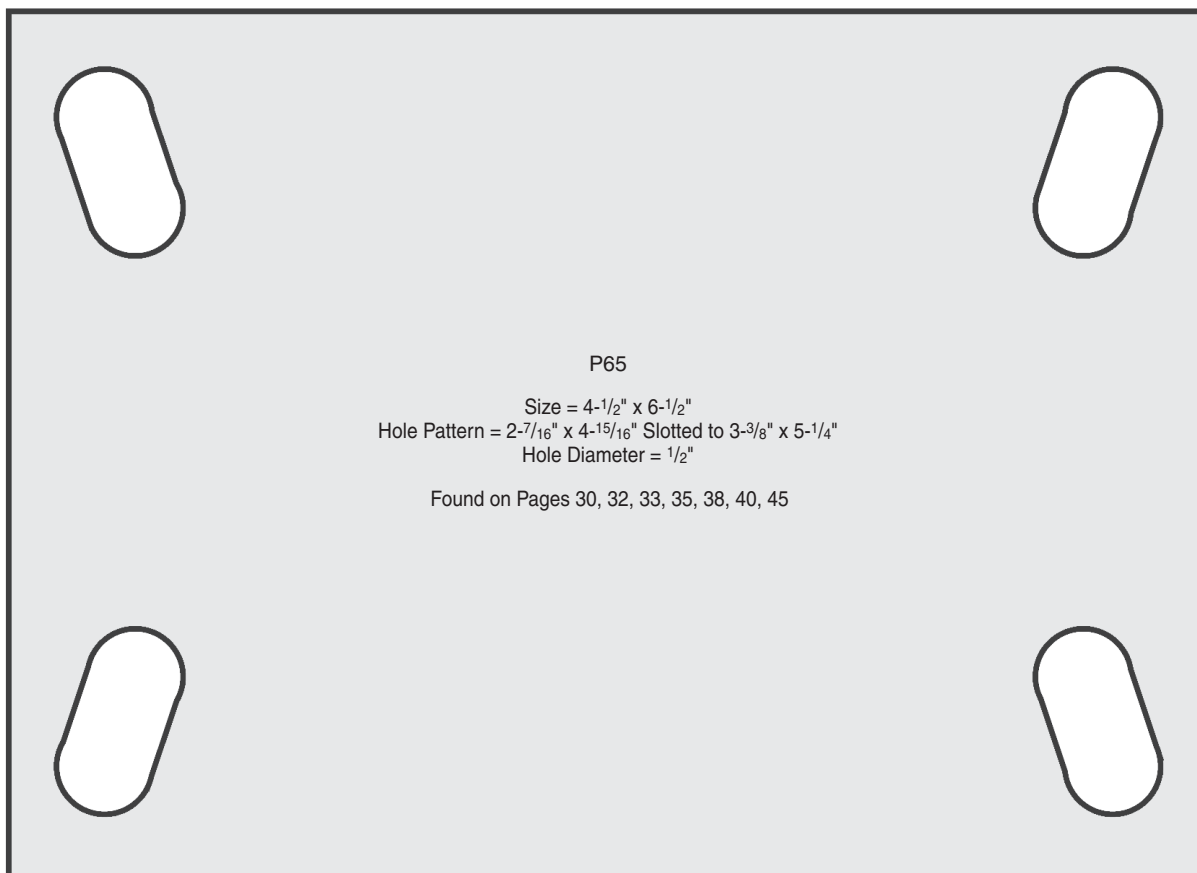


PLATE MOUNTINGS

