

# TRUCK DUTY CASTERS

## COLSON 4 SERIES

### FEATURES

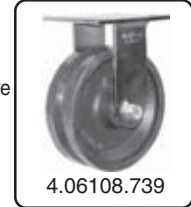
- SWIVEL DESIGN: Large, Hardened Double Ball Raceway  $\frac{5}{8}$ " Kingpin.
- TOP PLATE:  $\frac{1}{4}$ " Steel
- LEGS:  $\frac{1}{4}$ " Formed Steel
- FINISH: Zinc Plate



4.06109.459.2

### OPTIONS (See below)

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



V-Groove Wheel

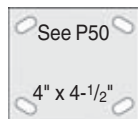
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Colson casters; quality casters made in America, tested and rated for commercial use on your equipment. Roller bearings are standard. Delrin, Brass, or Precision ball bearings available.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART #		WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
			SWIVEL	RIGID			
4"	2"	350 lbs.	4.04109.459.2	4.04108.459.2	Perma (Flat/Black)	3- $\frac{9}{16}$ "	5- $\frac{5}{8}$ "
		400 lbs.	4.04109.649.7	4.04108.649.7	Mold-on Rubber Cast Iron		
		500 lbs.	4.04109.839	4.04108.839	Polyolefin		
		600 lbs.	4.04109.929	4.04108.929	Polyurethane HI-TECH		
		700 lbs.	4.04109.949.7	4.04108.949.7	Polyurethane Cast Iron		
		800 lbs.	4.04109.339	4.04108.339	Phenolic		
			4.04109.739	4.04108.739	V-Groove		
		1000 lbs.	4.04109.839-EN	4.04108.839-EN	Solid Elastomer		
4.04109.139	4.04108.139		Semi-Steel				
5"	2"	375 lbs.	4.05109.459.2	4.05108.459.2	Perma (Flat/Black)	4- $\frac{1}{4}$ "	6- $\frac{1}{2}$ "
		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		
		1000 lbs.	4.05109.949.7	4.05108.949.7	Polyurethane Cast Iron		
			4.05109.339	4.05108.339	Phenolic		
			4.05109.739	4.05108.739	V-Groove		
			4.05109.839-EN	4.05108.839-EN	Solid Elastomer		
4.05109.139	4.05108.139	Semi-Steel					
6"	2"	450 lbs.	4.06109.649.7	4.06108.649.7	Mold-on Rubber Cast Iron	5"	7- $\frac{1}{2}$ "
		600 lbs.	4.06109.559	4.06108.559	Perma (Round/Gray)		
		700 lbs.	4.06109.459.2	4.06108.459.2	Perma (Flat/Black)		
		900 lbs.	4.06109.839	4.06108.839	Polyolefin		
		1000 lbs.	4.06109.929	4.06108.929	Polyurethane HI-TECH		
			4.06109.949.7	4.06108.949.7	Polyurethane Cast Iron		
			4.06109.339	4.06108.339	Phenolic		
			4.06109.739	4.06108.739	V-Groove		
4.06109.839-EN	4.06108.839-EN	Solid Elastomer					
4.06109.139	4.06108.139	Semi-Steel					
8"	2"	500 lbs.	4.08199.649.7	4.08198.649.7	Mold-on Rubber Cast Iron	6- $\frac{1}{2}$ "	9- $\frac{1}{2}$ "
		600 lbs.	4.08109.559	4.08108.559	Perma (Round/Gray)		
		675 lbs.	4.08199.459.2	4.08198.459.2	Perma (Flat/Black)		
			4.08199.435.2	4.08198.435.2	Perma (Flat/Black) · PBB*		
		900 lbs.	4.08199.839	4.08198.839	Polyolefin		
		1000 lbs.	4.08199.929	4.08198.929	Polyurethane HI-TECH		
			4.08199.949.7	4.08198.949.7	Polyurethane Cast Iron		
			4.08199.339	4.08198.339	Phenolic		
			4.08199.739	4.08198.739	V-Groove		
			4.08199.839-EN	4.08198.839-EN	Solid Elastomer		
4.08199.139	4.08198.139	Semi-Steel					

\* Precision Ball Bearing

### Options



Standard Plate

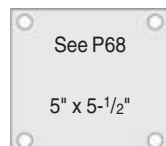


Plate Option MTG 4

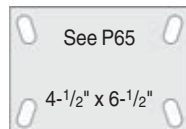


Plate Option MTG 2



BRK1



BRK2

See brake section



BRK4 only

**BASSICK 'AS' SERIES**

**FEATURES**

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



5AS3R-7

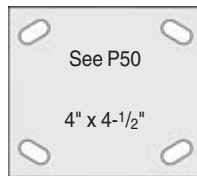
**OPTIONS** (See below)

- Total Lock
- Swivel Lock

For platform trucks, warehouse trucks, and other material handling applications carrying up to 3,600 pounds. 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 brakes lock both wheel and swivel.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART #		WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
			SWIVEL	RIGID			
5"	2"	450 lbs.	5AS3R-7	5AR3R-7	Mold-on Rubber Aluminum	$3 - \frac{15}{16}$ "	$6 - \frac{1}{2}$ "
		650 lbs.	5AS8M	5AR8M	Bravo (Polyolefin)		
		600 lbs.	5AS9-2	5AR9-2	Atlasite (Hard Rubber)		
		900 lbs.	5AS3P-7	5AR3P-7	Polyurethane Cast Aluminum		
			5AS8-7	5AR8-7	Canaphin (Phenolic)		
			5AS1-2	5AR1-2	Semi-Steel		
6"	2"	500 lbs.	6AS3R-7	6AR3R-7	Mold-on Rubber Aluminum	$4 - \frac{5}{8}$ "	$7 - \frac{1}{2}$ "
		700 lbs.	6AS8M	6AR8M	Bravo (Polyolefin)		
		650 lbs.	6AS9-2	6AR9-2	Atlasite (Hard Rubber)		
		900 lbs.	6AS3P-7	6AR3P-7	Polyurethane Cast Aluminum		
			6AS8-7	6AR8-7	Canaphin (Phenolic)		
			6AS1-2	6AR1-2	Semi-Steel		
8"	2"	600 lbs.	8AS3R-7	8AR3R-7	Mold-on Rubber Aluminum	6"	$9 - \frac{1}{2}$ "
		900 lbs.	8AS8M	8AR8M	Bravo (Polyolefin)		
			8AS3P-7	8AR3P-7	Polyurethane Cast Aluminum		
			8AS8-7	8AR8-7	Canaphin (Phenolic)		
			8AS1-2	8AR1-2	Semi-Steel		

**Options**



Standard Plate

**Optional Total Lock**



See brake section

# TRUCK DUTY CASTERS

## RWM 46 SERIES

### FEATURES

- SWIVEL DESIGN: Cold Forged Top Plate and Yoke are Heat Treated to Improve Swivel Action and Increase Service Life.  $\frac{5}{8}$ " Diameter Hydraulically Compressed Kingpin.
- TOP PLATE:  $\frac{1}{4}$ " Steel
- LEGS: Formed  $\frac{1}{4}$ " Steel
- FINISH: Zinc Plated



46-UIR-0820-S

See Plate and Brake Options Below

### OPTIONS

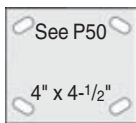
- IW Inside Weld
- KB Nut & Bolt Kingpin
- NY Notched Yoke
- TG Thread Guards
- WB Wheel Brake
- WS Wheel Seals
- DSL Demountable Swivel Lock
- HT High Temperature Lubrication
- LT Low Temperature Lubrication
- SB Stainless Steel Swivel Bearings
- SL 4 - Position Swivel Lock
- SR Sealed Swivel Raceway
- SS Stainless Steel Spanner

Higher capacity rig provides an added degree of load bearing ability for those applications that don't justify the added expense of the RWM 65 series rig. Roller bearings are standard. Delrin, Brass, or Precision ball bearings are also available.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART #		WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
			SWIVEL	RIGID			
4"	2"	350 lbs.	46-RIR-0420-S	46-RIR-0420-R	Rubber on Iron	3 - $\frac{3}{8}$ "	5 - $\frac{5}{8}$ "
		500 lbs.	46-POR-0420-S	46-POR-0420-R	Polyolefin		
		700 lbs.	46-UIR-0420-S	46-UIR-0420-R	Polyurethane on Iron		
		800 lbs.	46-DUR-0420-S	46-DUR-0420-R	Durastan (Phenolic)		
			46-CIR-0420-S	46-CIR-0420-R	Cast Iron		
			46-VIR-0420-S	46-VIR-0420-R	V-Groove Iron		
		900 lbs.	46-DLR-0420-S	46-DLR-0420-R	Laminated Durastan (Phen)		
1,050 lbs.	46-GTB-0420-S	46-GTB-0420-R	Ergo GT (Solid Elastomer) . PBB*				
5"	2"	400 lbs.	46-RIR-0520-S	46-RIR-0520-R	Rubber on Iron	4 - $\frac{1}{16}$ "	6 - $\frac{1}{2}$ "
		650 lbs.	46-POR-0520-S	46-POR-0520-R	Polyolefin		
		800 lbs.	46-VIR-0520-S	46-VIR-0520-R	V-Groove Iron		
		1,000 lbs.	46-DUR-0520-S	46-DUR-0520-R	Durastan (Phenolic)		
			46-CIR-0520-S	46-CIR-0520-R	Cast Iron		
		1,050 lbs.	46-UIR-0520-S	46-UIR-0520-R	Polyurethane on Iron		
			46-DLR-0520-S	46-DLR-0520-R	Laminated Durastan (Phen)		
46-GTB-0520-S	46-GTB-0520-R		Ergo GT (Solid Elastomer) . PBB*				
6"	2"	410 lbs.	46-RIR-0620-S	46-RIR-0620-R	Rubber on Iron	4 - $\frac{3}{4}$ "	7 - $\frac{1}{2}$ "
		700 lbs.	46-POR-0620-S	46-POR-0620-R	Polyolefin		
		1,000 lbs.	46-VIR-0620-S	46-VIR-0620-R	V-Groove Iron		
			46-UOR-0620-S	46-UOR-0620-R	Omega Polyurethane		
		1,200 lbs.	46-UIR-0620-S	46-UIR-0620-R	Polyurethane on Iron		
			46-DUR-0620-S	46-DUR-0620-R	Durastan (Phenolic)		
			46-GTB-0620-S	46-GTB-0620-R	Ergo GT (Solid Elastomer) . PBB*		
			46-CIR-0620-S	46-CIR-0620-R	Cast Iron		
		46-FSR-0620-S	46-FSR-0620-R	Forged Steel			
			46-DLR-0620-S	46-DLR-0620-R	Laminated Durastan (Phen)		
8"	2"	500 lbs.	46-RIR-0820-S	46-RIR-0820-R	Rubber on Iron	6 - $\frac{1}{2}$ "	9 - $\frac{1}{2}$ "
		800 lbs.	46-POR-0820-S	46-POR-0820-R	Polyolefin		
		1,050 lbs.	46-VIR-0820-S	46-VIR-0820-R	V-Groove Iron		
			46-UIR-0820-S	46-UIR-0820-R	Polyurethane on Iron		
		1,200 lbs.	46-DUR-0820-S	46-DUR-0820-R	Durastan (Phenolic)		
			46-DLR-0820-S	46-DLR-0820-R	Laminated Durastan (Phenolic)		
			46-GTB-0820-S	46-GTB-0820-R	Ergo GT (Solid Elastomer) . PBB*		
			46-CIR-0820-S	46-CIR-0820-R	Cast Iron		
			46-UOR-0820-S	46-UOR-0820-R	Omega Polyurethane		

\* Precision Ball Bearing

### Options



Standard Plate

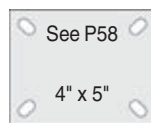


Plate Option 41



Plate Option 42

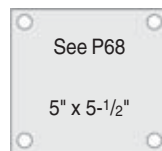


Plate Option 43



# TRUCK DUTY CASTERS

## RWM 47 SERIES

### FEATURE

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



See Plate and Brake Options Below

47-UIR-0620-S

### OPTIONS

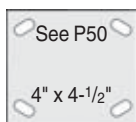
- DSL Demountable Swivel Lock
- HT High Temperature Lubrication
- LT Low Temperature Lubrication
- NY Notched Yoke
- SL 4 - Position Swivel Lock
- TG Thread Guards
- WB Wheel Brake
- WS Wheel Seals

Incorporating RWM's unique patented kingpinless design this caster is built to take continuous punishment in medium duty 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 are standard. Delrin, Brass, or Precision ball bearings are also available.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART #		WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
			SWIVEL	RIGID			
4"	2"	1,400 lbs.	47-FSR-0415-S	47-FSR-0415-R	Forged Steel	3 - 11/32"	5 - 5/8"
		700 lbs.	47-UIR-0420-S	47-UIR-0420-R	Polyurethane on Iron		
		800 lbs.	47-CIR-0420-S	47-CIR-0420-R	Cast Iron		
			47-DUR-0420-S	47-DUR-0420-R	Durastan (Phenolic)		
			47-VIR-0420-S	47-VIR-0420-R	V-Groove Iron		
1,050 lbs.	47-GTB-0420-S	47-GTB-0420-R	Ergo GT (Solid Elastomer) · PBB*				
5"	2"	800 lbs.	47-VIR-0520-S	47-VIR-0520-R	V-Groove Iron	4"	6 - 1/2"
		1,000 lbs.	47-DUR-0520-S	47-DUR-0520-R	Durastan (Phenolic)		
			47-CIR-0520-S	47-CIR-0520-R	Cast Iron		
		1,050 lbs.	47-UIR-0520-S	47-UIR-0520-R	Polyurethane on Iron		
		1,200 lbs.	47-GTB-0520-S	47-GTB-0520-R	Ergo GT (Solid Elastomer) · PBB*		
1,500 lbs.	47-FSR-0520-S	47-FSR-0520-R	Forged Steel				
6"	2"	1,000 lbs.	47-UOR-0620-S	47-UOR-0620-R	Omega Polyurethane	4 - 25/32"	7 - 1/2"
			47-VIR-0620-S	47-VIR-0620-R	V-Groove Iron		
		1,200 lbs.	47-CIR-0620-S	47-CIR-0620-R	Cast Iron		
			47-DUR-0620-S	47-DUR-0620-R	Durastan (Phenolic)		
		1,230 lbs.	47-UIR-0620-S	47-UIR-0620-R	Polyurethane on Iron		
1,500 lbs.	47-GTB-0620-S	47-GTB-0620-R	Ergo GT (Solid Elastomer) · PBB*				
8"	2"	1,050 lbs.	47-VIR-0820-S	47-VIR-0820-R	V-Groove Iron	6 - 1/8"	9 - 1/2"
		1,200 lbs.	47-UOR-0820-S	47-UOR-0820-R	Omega Polyurethane		
			47-CIR-0820-S	47-CIR-0820-R	Cast Iron		
		1,400 lbs.	47-DUR-0820-S	47-DUR-0820-R	Durastan (Phenolic)		
		1,500 lbs.	47-UIR-0820-S	47-UIR-0820-R	Polyurethane on Iron		
			47-GTB-0820-S	47-GTB-0820-R	Ergo GT (Solid Elastomer) · PBB*		

\* Precision Ball Bearing

### Options



Standard Plate

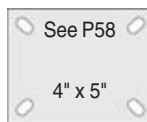


Plate Option 41

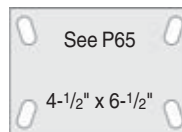


Plate Option 42

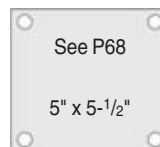


Plate Option 43



See brake section

# TRUCK DUTY CASTERS

## RWM 48 SERIES

### FEATURE

- SWIVEL DESIGN: Sealed Precision Swivel Bearings
- TOP PLATE: 1/4" Steel
- LEGS: 1/4" Formed Steel
- FINISH: Zinc Plated



48-GTB-0820-S-TG  
with optional thread guards

### OPTIONS

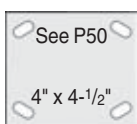
- DSL Demountable Swivel Lock
- NY Notched Yoke
- SL 4 - Position Swivel Lock
- TG Thread Guards
- WB Wheel Brake
- WS Wheel Seals

RWM's exclusive patent pending swivel section is sealed for life, making it completely maintenance free. It is capable of all radial and thrust loads and offers ultra quiet operation.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART #		WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
			SWIVEL	RIGID			
4"	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	Durastan (Phenolic)		
			48-VIR-0420-S	48-VIR-0420-R	V-Groove Iron		
1,050 lbs.	48-GTB-0420-S	48-GTB-0420-R	Ergo GT (Solid Elastomer) · PBB*				
5"	2"	800 lbs.	48-VIR-0520-S	48-VIR-0520-R	V-Groove Iron	4 - 7/8"	6 - 1/2"
		1,000 lbs.	48-DUR-0520-S	48-DUR-0520-R	Durastan (Phenolic)		
		48-CIR-0520-S	48-CIR-0520-R	Cast Iron			
		1,050 lbs.	48-UIR-0520-S	48-UIR-0520-R	Polyurethane on Iron		
		1,200 lbs.	48-GTB-0520-S	48-GTB-0520-R	Ergo GT (Solid Elastomer) · PBB*		
1,500 lbs.	48-FSR-0520-S	48-FSR-0520-R	Forged Steel				
6"	2"	1,000 lbs.	48-UOR-0620-S	48-UOR-0620-R	Omega Polyurethane	4 - 9/16"	7 - 1/2"
		48-VIR-0620-S	48-VIR-0620-R	V-Groove Iron			
		1,200 lbs.	48-CIR-0620-S	48-CIR-0620-R	Cast Iron		
		48-DUR-0620-S	48-DUR-0620-R	Durastan (Phenolic)			
		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					
8"	2"	1,050 lbs.	48-VIR-0820-S	48-VIR-0820-R	V-Groove Iron	6 - 3/16"	9 - 1/2"
		1,200 lbs.	47-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	Durastan (Phenolic)			
		1,500 lbs.	48-UIR-0820-S	48-UIR-0820-R	Polyurethane on Iron		
48-GTB-0820-S	48-GTB-0820-R	Ergo GT (Solid Elastomer) · PBB*					

\* Precision Ball Bearing

### Options



Standard Plate

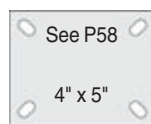


Plate Option 41

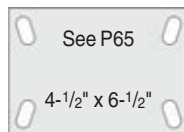


Plate Option 42

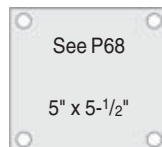


Plate Option 43



See brake section

# TRUCK DUTY CASTERS

## RWM 65 SERIES

### FEATURE

- **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

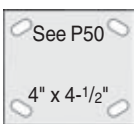
- DSL Demountable Swivel Lock
- HT High Temperature Lubrication
- LT Low Temperature Lubrication
- SL 4 - Position Swivel Lock
- SR Sealed Swivel
- TG Thread Guards
- WB Wheel Brake
- WS Wheel Seals

Incorporating RWM's unique 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 are standard. Delrin, Brass, or Precision ball bearings are also available.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART #		WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
			SWIVEL	RIGID			
4"	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		
		800 lbs.	65-CIR-0420-S	65-CIR-0420-R	Cast Iron		
			65-DUR-0420-S	65-DUR-0420-R	Durastan (Phenolic)		
			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	4 - 7/8"	6 - 1/2"
		1,000 lbs.	65-DUR-0520-S	65-DUR-0520-R	Durastan (Phenolic)		
			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	Durastan (Phenolic)		
		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*		
1,800 lbs.	65-FSR-0620-S	65-FSR-0620-R	Forged Steel				
8"	2"	1,050 lbs.	65-VIR-0820-S	65-VIR-0820-R	V-Groove Iron	6 - 1/4"	9 - 1/2"
		1,200 lbs.	65-CIR-0820-S	65-CIR-0820-R	Cast Iron		
			65-UOR-0820-S	65-UOR-0820-R	Omega Polyurethane		
		1,400 lbs.	65-DUR-0820-S	65-DUR-0820-R	Durastan (Phenolic)		
		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*		

\* Precision Ball Bearing

### Options



Standard Plate

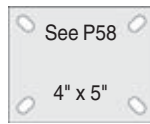


Plate Option 41

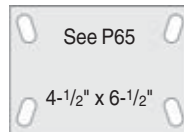


Plate Option 42

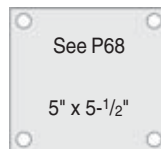


Plate Option 43



See brake section

**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



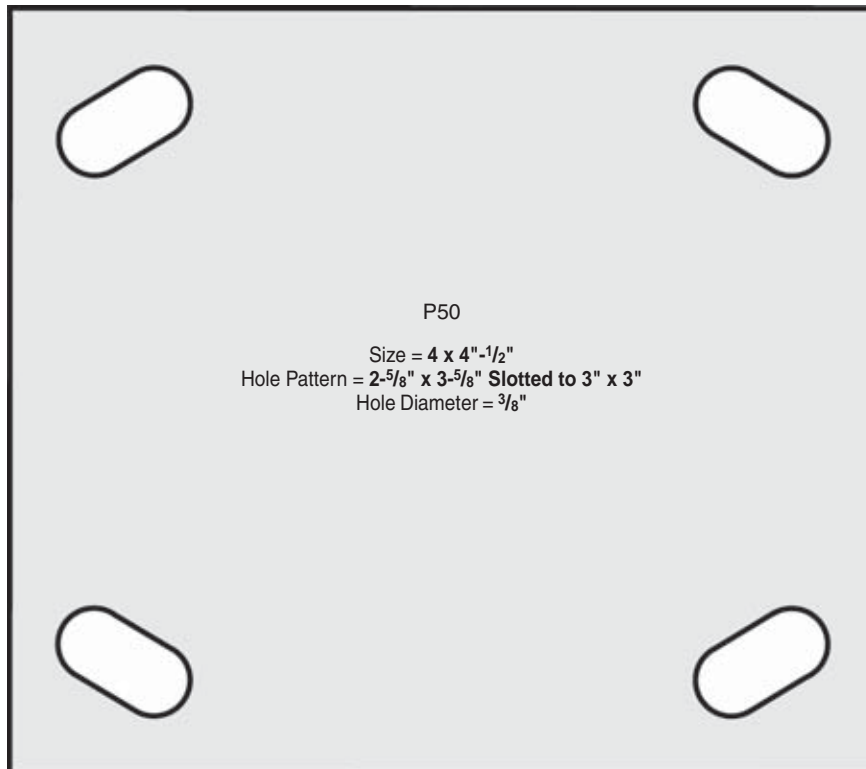
4.08119.93-BLK



4.08118.93-BLK

These low speed casters provide the same air ride as your car tires. On rough surfaces and in sand or dirt these casters provide floatation and absorb shock better than any other model. Available with non-marking gray wheels. Wheel brakes are available on the swivel casters.

WHEEL DIAMETER	DYNAMIC LOAD	TIRE SIZE	PLY RATING	PART #		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**



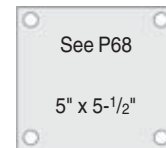
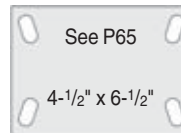
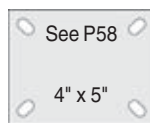
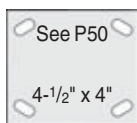
Rigs shown with typical wheels

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 3100 lbs. each and a temperature range of -45°F to +525°F. These are the most economical Stainless Steel casters available on the market today! See below for plate options and typical wheels used in these rigs.

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

Optional Bronze Bearings Available

**Plates**



**Wheels**



Nylon  
Delrin or Sealed  
Roller Bearing  
See pg. 65



Glass Filled Nylon  
High Temp.  
Brass Bearing  
(Maxim)  
See pg. 64



Polyolefin  
Delrin or Sealed  
Roller Bearing  
See pg. 65



Performa  
Delrin or Sealed  
Roller Bearing  
See pg. 62



Thermo Resin  
Plain bore  
See pg. 67



Polyurethane  
Delrin or Sealed  
Roller Bearing  
See pg. 69

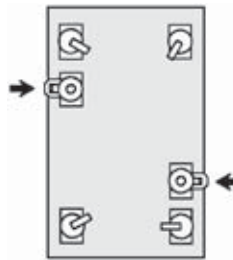


Solid Elastomer  
Precision  
Ball Bearing  
See pg. 64

**FLOOR LOCKS**  
**FLOOR LOCKS**



9-6002-3



**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)-->



See Platform Trucks on pg. 112

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 slightly greater than the overall height of the casters.

NOMINAL CASTER HEIGHT	MODEL #	RETRACTED HEIGHT	EXTENDED HEIGHT	PLATE SIZE	BOLT HOLE SPACING	HOLE DIAMETER
3 - 7/8" to 4 - 5/8"	9.06002.3	3 - 11/16"	4 - 3/4"	2 - 1/2" x 3 - 5/8"	1 - 3/4" x 2 - 7/8"	5/16" slotted
4 - 3/4" to 5 - 3/8"	9.06253.4	4 - 1/2"	5 - 17/32"			
5 - 1/4" to 6"	9.06002.5	5 - 11/64"	6 - 7/32"			
4 - 5/8" to 5 - 5/8"	9.06045.4	4 - 15/16"	5 - 7/8"	4" x 4 - 1/2"	3" x 3" to 2 - 5/8" x 3 - 5/8"	3/8" slotted
5 - 3/8" to 6 - 1/2"	9.06253.5	5 - 35/64"	6 - 43/64"			
6 - 1/4" to 7 - 1/2"	9.06045.6	6 - 21/32"	7 - 3/4"			
8 - 3/4" to 9 - 1/4"	9.06025.8	8 - 5/8"	9 - 23/32"			



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 face of nearly 10 square inches is pressed against the floor with the force of 70 to 100 lbs.. This is a heavy duty floor lock best used where locking and unlocking of load will happen many times each day.

NOMINAL CASTER HEIGHT	MODEL #	RETRACTED HEIGHT	EXTENDED HEIGHT	PLATE SIZE	BOLT HOLE SPACING	HOLE DIAMETER
4 - 7/8" to 5 - 1/2"	F410	4 - 11/16"	5 - 5/8"	4 - 11/16" x 5 - 3/8"	2 - 5/8" x 3 - 5/8"	3/8"
4 - 7/8" to 5 - 5/16"	F430	4 - 11/16"	5 - 13/32"			
6 - 3/8" to 7 - 1/8"	F550	6 - 1/4"	7 - 1/4"	5 - 1/2" x 6"	2 - 7/16" x 4 - 15/16"	1/2"
6 - 7/8" to 7 - 5/8"	F600	6 - 3/4"	7 - 3/4"			
8 - 3/4" to 9 - 7/8"	F802	8 - 7/8"	9 - 15/16"	5 - 3/8" x 7 - 1/4"	6 - 3/8" x 5 - 1/4"	1/2"
9 - 1/8" to 10 - 1/8"	F800	9 - 1/4"	10 - 1/4"			

**RETRACTABLE FLOOR LOCKS**



F620



Retracted

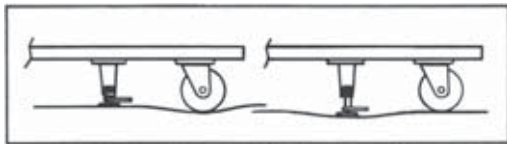
These locks swing out of the way when not in use. In the up position they have a ground clearance of 3-1/4", making them desirable for use in areas of rough floors, door sills, ramps, etc., which might damage conventional floor locks. Retractable floor locks are swung into position and engaged by foot pressure. They have an aluminum lacquer finish for rust prevention.

NOMINAL CASTER HEIGHT	MODEL #	RETRACTED HEIGHT	EXTENDED HEIGHT	PLATE SIZE	BOLT HOLE SPACING	HOLE DIAMETER
6-5/8" to 7-1/4"	F620	4-1/8"	7-3/8"	2-7/16" x 6-1/4"	2-7/16" x 4-15/16"	1/2"

For leveling and stabilizing portable equipment.

**FEATURE**

- BODY: Corrosion Resistant, Cast Aluminum Alloy.
- FOOT: Firm Grip, Non-marking Rubber.
- 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.



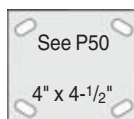
BUILT-IN FLEX and Floating Foot Compensate for Irregular Floors.

**ADJU-LOK FLOOR LOCK**



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 #	RECOMMENDED OPERATING HEIGHT	RETRACTED HEIGHT	EXTENDED HEIGHT	APPROXIMATE WEIGHT
C00-01-001	6-1/2" to 7-1/2"	5-1/2"	8"	3-1/2"
C00-01-002	8" to 10-1/2"	7"	11"	4"



## WHEEL BRAKES



Foot actuated side brake found on the light duty and general duty casters. Braking action is produced by the compression of the wheel hub providing limited braking ability with all wheels. These brakes are not normally field installable.



Colson foot actuated light duty brake. The ends of brake spring are crimped so that they grab the wheel at four contact points. They provide extra holding power on a variety of wheel surfaces.



Standard tread lock brakes available on institutional casters. Brake is easily operated with foot action and provides positive braking. Limited braking ability when used with hard wheels.



Surface contact brake available for institutional casters. Easily operated with foot action. Metal edge on brake makes contact with the tread providing positive braking action. Limited braking ability when used with hard wheels.



Surface contact brake available for truck duty casters. Easily operated with foot action. Metal edge on brake makes contact with the tread providing positive braking action. Limited braking ability when used with hard wheels.



Surface contact brake for use on truck duty casters recommended for both hard and soft tread wheels. Foot actuated rubber pad on brake makes contact with wheel tread providing positive braking.



Surface contact brake for use on truck duty casters recommended for both hard and soft tread wheels. Foot actuated adjustable pad on brake makes contact with wheel tread providing positive braking.



Surface contact brake supplied on our heavy duty casters. Foot actuated cam provides positive braking and adjustment for wheel wear. Works well with hard and soft wheel treads. Brake is welded to fork, not field installable.



Machine caster brake used to immobilize heavy office machinery. When machinery is in place the thumb screw is tightened to stop all wheel movement.



## **TOTAL LOCK**

Simply pressing the pedal locks the swivel and wheel in any position. A total lock is called for when the equipment must be free of all movement however slight. Available for truck duty and institutional casters. Not field installable in most cases.



## **SWIVEL ONLY**

Effectively converts a swivel caster to a rigid caster when required. Provides better tracking when moving equipment, when needed the lock is disengaged to allow for swivel motion. The wheel is unaffected by the swivel locking mechanism. Not field installable in most cases.

