

# **colson®**

Established 1885

## 2009 MINI-CATALOG

TECHNOLOGY    COMMITMENT    INDUSTRY LEADER    STATE-OF-THE-ART    PERFORMANCE    QUALITY    CONFIDENCE    VARIETY

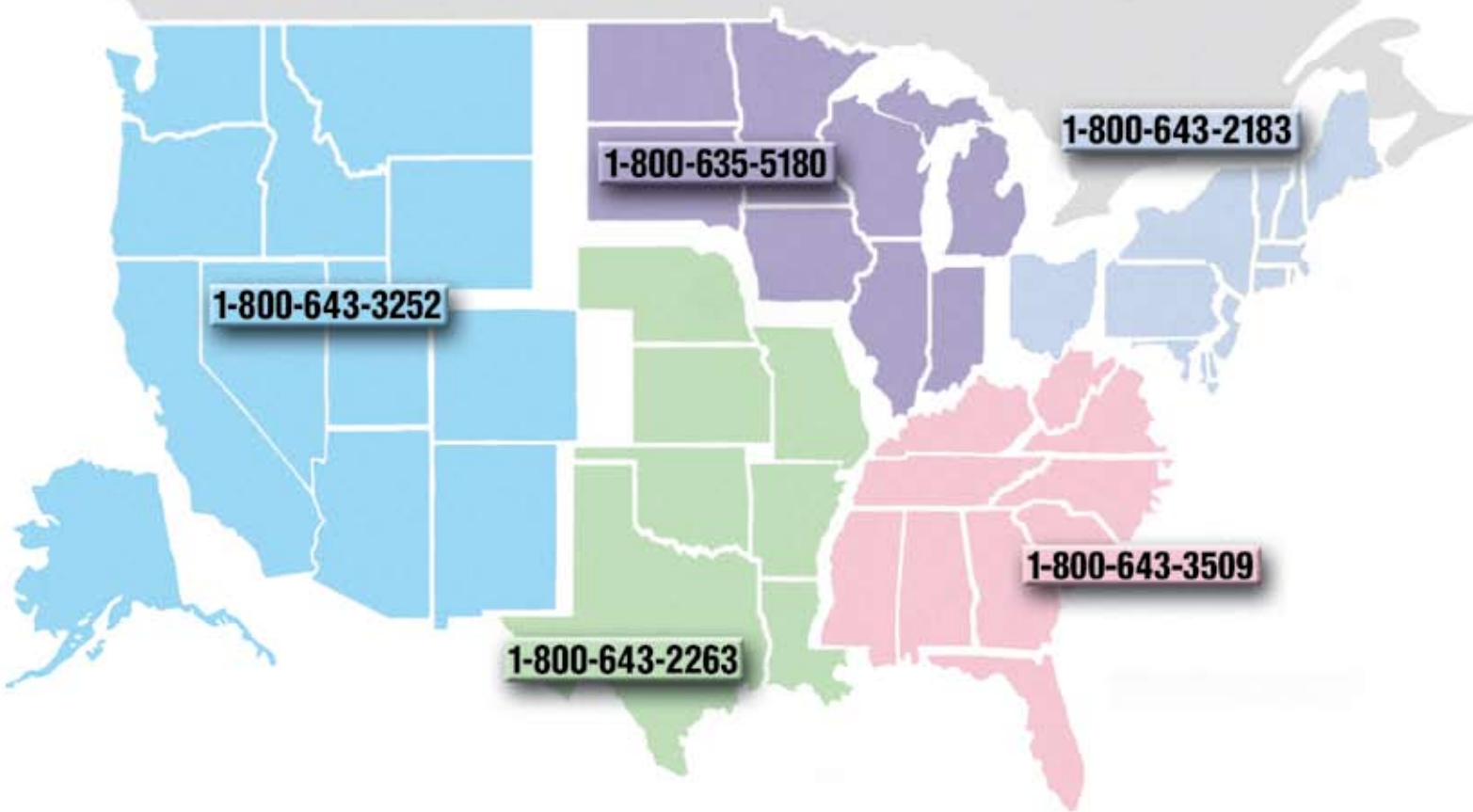
ISO 9001 : 2000 Registered



[www.colsoncaster.com](http://www.colsoncaster.com)

# ***World Class Casters Backed by the Best Support Team in the Business***

Canada Call  
**1-800-643-5515**



## **Where Tradition and Technology Meet Teamwork.**

For more than **122 years**, Colson has been writing the science of caster technology with you in mind. From industry-changing innovations, to cost-cutting efficiencies, Colson continues its commitment to you – our customer.

At Colson, we believe success comes from providing expert solutions for our customers and unmatched support to our distributors. Our customer service team of regional managers, sales engineers, and customer service representatives are all dedicated

to ensuring you get exactly what you need, when you need it.

Our regional managers are in the field everyday, actively seeking opportunities to solve material handling problems. Colson offers over 35,000 different caster models – call and put their expertise to work for you when deciding which caster best fits your particular need.

Every Colson Distributor has years of experience, a wealth of Colson product

knowledge, and stands ready to recommend the exact Colson caster for your application.

**Enjoy our 2009 mini-catalog as a “snapshot” of what Colson offers.** Visit [www.colsoncaster.com](http://www.colsoncaster.com) to download 3D and 2D models and to see our full line of casters, wheels and accessories.

If you're ready to make a purchase or have questions call us, or visit the “Find a Distributor” page on our website.

**Phone: 1-800-643-5515 • [www.colsoncaster.com](http://www.colsoncaster.com)  
Toll-Free Fax: 1-800-356-6708, 1-800-990-4358, 1-800-230-2529**

# ***colson***<sup>®</sup>



Colson has taken quality very seriously for over a century.

Each Colson branded product is warranted against defects in material and workmanship for three years. See details at right.

### COLSON WARRANTY

EACH COLSON BRANDED PRODUCT IS WARRANTED AGAINST DEFECTS IN MATERIAL AND WORKMANSHIP FOR THREE YEARS FROM THE DATE OF ORIGINAL PURCHASE, UNLESS IT HAS BEEN MISUSED, ABUSED, MODIFIED OR IMPROPERLY INSTALLED. ANY PRODUCT THAT IS CLAIMED TO BE DEFECTIVE, THAT IS RETURNED TO COLSON WITH ITS APPROVAL WILL BE REPAIRED OR REPLACED FREE OF CHARGE (EXCLUDING FREIGHT AND INSTALLATION). THIS WARRANTY IS EXCLUSIVE AND THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, SUCH AS AN IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. THIS REMEDY IS THE SOLE REMEDY IN CONTRACT, TORT OR OTHERWISE, AND COLSON IS NOT LIABLE FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.

## NEW 3D and 2D Models Available at [www.colsoncaster.com](http://www.colsoncaster.com)

3D and 2D models now available for Series 1 through Series 8 casters online! Don't lose time searching for products that don't fit your application. Visit [www.colsoncaster.com](http://www.colsoncaster.com) to build a caster to your specifications by using the drop down menus. And, view or download 3D or 2D models! As a leader in caster design, Colson's product engineers can create a custom solution should a standard option not be available to suit your needs.



## How to Select the Proper Caster and Wheel

There is no simple formula or rule that can be followed in selecting the proper casters. Many varying and individual factors must be balanced to make the selection which will do the best job for you. The following are several of the more important considerations.

**Load Weight.** The heavier the load, the larger the wheel required for the caster. The weight of the load also influences the mobility of the wheel. Roller or ball bearings are recommended for loads over 400 pounds. Weight capacities are shown for each caster in this catalog.

**Floor Conditions.** Make sure the wheel you select is large enough to pass over cracks in the floor, tracks, moldings and other obstructions. For floor protection on linoleum, tile, carpet, etc., use polyurethane or Performa rubber wheels.

**Unusual Conditions.** Each wheel material has certain characteristics which will give the best results where unusual conditions exist. For example, where acids, oils, chemicals and other

conditions harmful to rubber are present, Colson polyurethane, polyolefin, Maxim, phenolic or steel wheels are recommended. Check conditions, then select caster and wheel.

**Rolling Ease.** The larger the wheel diameter, the easier it rolls. Roller bearings carry heavier loads. Ball bearings roll easier but carry lesser loads. When possible, use the largest ball bearing wheel for best results.

**Extreme Climates.** Room temperatures are no problem for most casters. But extreme cold or heat can be a problem. Colson helps solve this problem with "Colson 45"... the green lube which assures caster rolling ease from 45°F below zero to 260°F above. It's standard



on all Colson casters. (Note: Some wheel types should not be used in extreme temperature ranges. Consult factory).

### YOUR LOCAL DISTRIBUTOR

Colson casters are available from stocking distributors across the U.S., Canada & Mexico. Each is a caster specialist who can help you select the proper caster to suit your needs. Visit our web site: ([www.colsoncaster.com](http://www.colsoncaster.com)), or contact us for details at 1-800-643-5515.

## Accreditation

ISO 9001:2000 Registered

RoHS Compliant



## Bearing Options



**Delrin® Bearings**  
A DuPont engineered plastic, is extremely durable under a wide range of temperature and humidity conditions and is corrosion resistant.



**Annular Ball Bearings**  
Precision type bearings with machined, hardened raceways. For applications where maximum rolling ease and quiet operation are needed.



**Precision Sealed Ball Bearings**  
Recommended for maximum rolling ease with no maintenance lubrication required. Quiet operation for medium duty to heavy duty loads.



**Roller Bearings**  
Capable of carrying a greater load than the same size diameter ball bearing. Must be used with hardened spanner bushing or hardened shaft.



**Torrington Style Roller Bearings**  
Caged drawn cup bearings with a steel cage that provides inward retention of the needle rollers. This design provides maximum cage strength for longer service life.



**Spanner Integrated Precision Sealed Ball Bearings**  
Excellent rolling ease with no maintenance lubrication required. Integrated spanner bushing makes installation easy.

## Brake Options



**1 Series Side Lock**  
Brake spring ends are crimped so they grab wheel at four contact points.



**2 Series Total Lock**  
Locks wheel and swivel. Features thermoplastic pedal.



**2 Series Side Lock**  
Special cam activated brake mechanism locks firmly.



**4 Series Side Lock**  
Special cam activated brake mechanism locks firmly.



**4 Series Tech Lock®**  
Durable Thermoplastic construction ideally suited for wet or corrosive conditions.



**4 Series Rigid Tech Lock®**  
Rigid version of the famous Tech Lock brake. Available in 6" wheel diameter only.



**4 Series Total Lock Brake**  
With simple press of foot you can lock both wheel and swivel in any position.



**4, 5, and 6 Series Tread Lock**  
Positive engagement via rubber faced plate.



**4 Series Top Lock**  
Side activated tread lock brake.



**4, 7 and 8 Series Enforcer Face Brake**  
Toe activated brake.

## New Products



**Business Machine**



**MedCaster NG**



**Evolution Casters™**



**Triumph™ Tow Line Wheels**  
Round and Crowned Treads

# 1 colson SERIES

Capacity up to 145 lbs each



## Standard Features

- Zinc plated finish
- Full double ball hardened raceways
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp lube

## Expanding Adapter Stem

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Description	Wheel Bearing	Stem Caster Models	Load Height	Swivel Radius	Weight (Pounds)
3"	7/8"	100	Polyurethane HI-TECH	Delrin	1.03367.91	3 7/8"	2 13/16"	1 1/8
		125	Performa Rubber		1.03367.441			1 1/4
			Polyolefin		1.03367.53			1 1/4
4"	7/8"	125	Polyurethane HI-TECH	Delrin	1.04367.91	4 7/8"	3 7/16"	1 1/2
		135	Performa Rubber		1.04367.441			1 1/2
			Polyolefin		1.04367.53			1 1/2
5"	7/8"	140	Polyurethane HI-TECH	Delrin	1.05367.91	5 7/8"	4 1/16"	1 3/4
		145	Performa Rubber		1.05367.441			1 3/4
			Polyolefin		1.05367.53			1 3/4

Fork leg spacing: 1 5/32"

### Expanding Adapter Stem Options

Inside Diameter of Tube	Mounting Codes	
	Round Tubing	Square Tubing
3/4" - 13/16"	MTG40	-
7/8" - 15/16"	MTG41	MTG51
1" - 1 1/16"	MTG42	MTG52
1 1/8" - 1 3/16"	MTG43	MTG53
1 1/4" - 1 5/16"	MTG44	MTG54
1 3/8" - 1 7/16"	MTG45	MTG55
1 1/2" - 1 9/16"	MTG46	-
1 5/8" - 1 11/16"	MTG47	-

### Standard Mounting:

Note: Turning of hex nut expands rubber adapter inside of round or square tubing for a tight, permanent fit. To order, select caster model number and specify stem adapter size by code number from chart at left.

### OPTIONS:

- Side Lock Brake
- NSF Listed
- Thread Guards

Stems are 2 11/16" long.

Stem size less adaptor: 1/2"-13UNC x 2 11/16"

# 1 colson SERIES

Capacity up to 145 lbs each



## Standard Features

- Zinc plated finish
- Full double ball hardened raceways
- 5/16" shouldered axle with 1/4" nut
- .090" steel top plate
- "Colson 45" multi-temp lube

## Swivel and Rigid Top Plate

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Description	Wheel Bearing	Swivel Caster Models	Rigid Caster Models	Load Height	Swivel Radius	Weight (Pounds)
3"	7/8"	100	Polyurethane HI-TECH	Delrin	1.03356.91	1.03008.91	3 3/4"	2 13/16"	1 1/4
		125	Performa Rubber		1.03356.441	1.03008.441			1 1/4
			Polyolefin		1.03356.53	1.03008.53			1 1/4
4"	7/8"	125	Polyurethane HI-TECH	Delrin	1.04356.91	1.04008.91	4 3/4"	3 7/16"	1 1/2
		135	Performa Rubber		1.04356.441	1.04008.441			1 1/2
			Polyolefin		1.04356.53	1.04008.53			1 1/2
5"	7/8"	140	Polyurethane HI-TECH	Delrin	1.05356.91	1.05008.91	5 3/4"	4 1/16"	1 3/4
		145	Performa Rubber		1.05356.441	1.05008.441			1 3/4
			Polyolefin		1.05356.53	1.05008.53			1 3/4

Fork leg spacing: 1 5/32"

### Standard Mounting:

Top Plate: 2 1/2" X 3 5/8"

Bolt Holes Slotted For: 1 3/4" X 2 13/16" to 3 1/16"

Bolt Size 5/16" diameter

### OPTIONS:

- Side Lock Brake
- NSF Listed
- Thread Guards

# 2 colson SERIES

Capacity up to 325 lbs each



### Standard Features

- Zinc plated finish
- Full double ball hardened raceways
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing
- "Colson 45" multi-temp lube

## Expanding Adapter Stem

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Description	Wheel Bearing	Stem Caster Models	Load Height	Swivel Radius	Weight (Pounds)
3 1/2"	1 5/16"	210	Performa Rubber (Round tread)	Delrin*	2.03267.561	4 9/16"	2 29/32"	2 1/4
		230	Polyolefin		2.03267.53		2 29/32"	2 1/8
	1 1/4"	250	Performa Rubber (Flat tread)		2.03267.441		2 29/32"	2 1/8
			Polyurethane HI-TECH		2.03267.91		2 29/32"	1 3/4
4"	1 1/4"	275	Polyolefin	Delrin*	2.04267.53	5 1/4"	3 7/32"	2 1/4
			Polyurethane HI-TECH		2.04267.91		3 7/32"	2
		300	Performa Rubber (Flat tread)		2.04267.441		3 7/32"	2 1/4
			Performa Rubber (Round tread)		2.05267.561		3 13/16"	3
5"	1 5/16"	250	Polyolefin	Delrin*	2.05267.53	6 5/16"	3 13/16"	2 3/4
			Polyurethane HI-TECH		2.05267.91		3 13/16"	2 1/2
	1 1/4"	325	Performa Rubber (Flat tread)		2.05267.441		3 13/16"	2 3/4
			Performa Rubber (Flat tread)		2.05267.441		3 13/16"	2 3/4

Fork Leg Spacing: 1 9/16"

\*Ball bearing models change last digit to 5 (example: 2.03267.565)

### Expanding Adapter Stem Options

Inside Diameter of Tube	Mounting Codes	
	Round Tubing	Square Tubing
3/4" - 13/16"	MTG40	-
7/8" - 15/16"	MTG41	MTG51
1" - 1 1/16"	MTG42	MTG52
1 1/8" - 1 3/16"	MTG43	MTG53
1 1/4" - 1 5/16"	MTG44	MTG54
1 3/8" - 1 7/16"	MTG45	MTG55
1 1/2" - 1 9/16"	MTG46	-
1 5/8" - 1 11/16"	MTG47	-

Stems are 2 11/16" long. Stem size less adapter: 1/2" - 13UNC x 2 11/16"

### Standard Mounting:

Note: Turning of hex nut expands rubber adapter inside of round or square tubing for a tight, permanent fit. To order, select caster model number and specify stem adapter size by code number from chart at left.

### OPTIONS:

- Total & Side Lock Brakes
- Thread Guards
- Swivel Dust Cap
- NSF Listed

# 2 colson SERIES

Capacity up to 325 lbs each



### Standard Features

- Zinc plated finish
- Full double ball hardened raceways
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing
- "Colson 45" multi-temp lube

## Grip Ring Stem

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Description	Wheel Bearing	Stem Caster Models	Load Height	Swivel Radius	Weight (Pounds)
3 1/2"	1 5/16"	210	Performa Rubber (Conductive Round)	Ball	2.03251.565 COND	4 9/16"	2 29/32"	2 1/4
			Performa Rubber (Round tread)	Delrin*	2.03251.561			2 1/4
		225	Performa Rubber (Conductive Flat)	Ball	2.03251.445 COND			2
	1 1/4"	230	Polyolefin	Delrin*	2.03251.53			2 1/8
			Performa Rubber (Flat tread)	Delrin*	2.03251.441			2 1/8
		250	Polyurethane HI-TECH	Delrin*	2.03251.91			1 3/4
4"	1 1/4"	250	Thermo	Plain	2.03251.52 HT	5"	3 7/32"	2 7/8
			ThermoTech®	Teflon	2.04251.613 H			3
		Performa Rubber (Conductive Flat)	Ball	2.04251.445 COND	2 1/4			
		275	Polyolefin	Delrin*	2.04251.53			2 1/4
			Polyurethane HI-TECH	Delrin*	2.04251.91			2
		300	Performa Rubber (Flat tread)	Delrin*	2.04251.441			2 1/4
Thermo	Plain		2.04251.52 HT	3 1/8				
5"	1 1/4"	250	ThermoTech®	Teflon	2.05251.613 H	6 1/16"	3 13/16"	3
			Performa Rubber (Conductive Flat)	Ball	2.05251.445 COND			3
	1 5/16"	250	Performa Rubber (Conductive Round)	Ball	2.05251.565 COND			3
			Performa Rubber (Round tread)	Delrin*	2.05251.561			3
		Polyolefin	Delrin*	2.05251.53	2 3/4			
	1 1/4"	300	Polyurethane HI-TECH	Delrin*	2.05251.91			2 1/2
			Performa Rubber (Flat tread)	Delrin*	2.05251.441			2 3/4
		325	Performa Rubber (Flat tread)	Delrin*	2.05251.441			2 3/4
			Thermo	Plain	2.05251.52 HT			3 1/2

Fork Leg Spacing: 1 9/16"

\*Ball bearing models change last digit to 5 (example: 2.03251.565)

### OPTIONS:

- Total & Side Lock Brakes
- Thread Guards
- Swivel Dust Cap
- NSF Listed

### Standard Mounting:

Standard grip ring stem is 2 3/16" long with 5/8" diameter.

### Round Stem Mounting Options

- MTG5: 2 3/16" long X 3/4" dia. (.75)
- MTG6: 2 3/16" long X 13/16" dia. (.812)
- MTG7: 2 3/16" long X 27/32" dia. (.845)
- MTG8: 2 3/16" long X 7/8" dia. (.865)
- MTG9: 2 3/16" long X 1" dia. (1.00)

# 2 colson SERIES

Capacity up to 325 lbs each



### Standard Features

- Zinc plated finish
- Full double ball hardened raceways
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing
- "Colson 45" multi-temp lube

## Straight Thread Stem

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Description	Wheel Bearing	Stem Caster Models	Load Height	Swivel Radius	Weight (Pounds)
3 1/2"	1 5/16"	210	Perfoma Rubber (Conductive Round)	Ball	2.03254.565 COND	4 9/16"	2 29/32"	2 1/4
			Perfoma Rubber (Round tread)	Delrin*	2.03254.561			2 1/4
		225	Perfoma Rubber (Conductive Flat)	Ball	2.03254.445 COND			2
	1 1/4"	230	Polyolefin	Delrin*	2.03254.53			2 1/8
		250	Perfoma Rubber (Flat tread)	Delrin*	2.03254.441			2 1/8
		300	Polyurethane HI-TECH	Delrin*	2.03254.91			1 3/4
4"	1 1/4"	250	ThermoTech®	Plain	2.03254.52 HT	5"	3 7/32"	3 1/8
			Perfoma Rubber (Conductive Flat)	Teflon	2.04254.613 H			3
			Perfoma Rubber (Conductive Flat)	Ball	2.04254.445 COND			2 1/4
	300	Polyolefin	Delrin*	2.04254.53	2 1/4			
		Polyurethane HI-TECH	Delrin*	2.04254.91	2			
		Perfoma Rubber (Flat tread)	Delrin*	2.04254.441	2 1/4			
5"	1 1/4"	250	ThermoTech®	Plain	2.04254.52 HT	6 1/16"	3 13/16"	3 1/4
			ThermoTech®	Teflon	2.05254.613 H			3
			Perfoma Rubber (Conductive Flat)	Ball	2.05254.445 COND			3
	1 5/16"	250	Perfoma Rubber (Conductive Round)	Ball	2.05254.565 COND			3
			Perfoma Rubber (Round tread)	Delrin*	2.05254.561			3
		Polyolefin	Delrin*	2.05254.53	2 3/4			
1 1/4"	300	Polyurethane HI-TECH	Delrin*	2.05254.91	2 1/2			
		Perfoma Rubber (Flat tread)	Delrin*	2.05254.441	2 3/4			
	325	Thermo	Plain	2.05254.52 HT	3 3/4			

Fork Leg Spacing: 1 9/16"

\*Ball bearing models change last digit to 5 (example: 2.03254.565)

### OPTIONS:

- Total & Side Lock Brakes
- Thread Guards
- Swivel Dust Cap
- NSF Listed

### Standard Mounting:

(MTG 53): 1/2" diameter – 13UNC X 1 1/2" long, threaded 1 3/8".

### Mounting Options

- MTG10: 1/2"-13UNC x 3/4" long threaded
- MTG11: 1/2"-13UNC x 1" long threaded
- MTG12: 1/2"-20UNF x 3/4" long threaded
- MTG13: 5/8"-11UNC x 1 3/4" long threaded
- MTG14: 5/8"-18UNF x 1 3/4" long threaded
- MTG15: 3/4"-10UNC x 1 3/4" long threaded
- MTG50: 1/2"-20UNF x 1 1/2" long threaded

# 2 colson SERIES

Capacity up to 325 lbs each



### Standard Features

- Zinc plated finish
- Full double ball hardened raceways
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing
- "Colson 45" multi-temp lube

## Swivel and Rigid Top Plate

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Description	Wheel Bearing	Swivel** Caster Models	Load Height	Swivel Radius	Weight (Pounds)
3 1/2"	1 5/16"	210	Perfoma Rubber (Conductive Round)	Ball	2.03256.565 COND	4 11/16"	2 29/32"	2 1/4
			Perfoma Rubber (Round tread)	Delrin*	2.03256.561			2 1/4
		225	Perfoma Rubber (Conductive Flat)	Ball	2.03256.445 COND			2
	1 1/4"	230	Polyolefin	Delrin*	2.03256.53			1 7/8
		250	Perfoma Rubber (Flat tread)	Delrin*	2.03256.441			2
		300	Polyurethane HI-TECH	Delrin*	2.03256.91			1 7/8
4"	1 1/4"	250	ThermoTech®	Plain	2.03256.52 HT	5 1/8"	3 7/32"	2 7/8
			Perfoma Rubber (Conductive Flat)	Teflon	2.04256.613 H			3
			Perfoma Rubber (Conductive Flat)	Ball	2.04256.445 COND			2 1/4
	300	Polyolefin	Delrin*	2.04256.53	2 1/8			
		Polyurethane HI-TECH	Delrin*	2.04256.91	2 1/8			
		Perfoma Rubber (Flat tread)	Delrin*	2.04256.441	2 1/4			
5"	1 1/4"	250	ThermoTech®	Plain	2.04256.52 HT	6 3/16"	3 13/16"	3 1/8
			ThermoTech®	Teflon	2.05256.613 H			3
			Perfoma Rubber (Conductive Flat)	Ball	2.05256.445 COND			3
	1 5/16"	250	Perfoma Rubber (Conductive Round)	Ball	2.05256.565 COND			3
			Perfoma Rubber (Round tread)	Delrin*	2.05256.561			3
		Polyolefin	Delrin*	2.05256.53	2 1/2			
1 1/4"	300	Polyurethane HI-TECH	Delrin*	2.05256.91	2 1/2			
		Perfoma Rubber (Flat tread)	Delrin*	2.05256.441	2 3/4			
	325	Thermo	Plain	2.05256.52 HT	3 1/2			

Fork Leg Spacing: 1 9/16"

\*Ball bearing models change last digit to 5 (example: 2.03270.565)

\*\*Rigid models change 5th and 6th digit to 08 (example 2.03208.561)

### OPTIONS:

- Total & Side Lock Brakes
- Thread Guards
- Swivel Dust Cap
- NSF Listed

### Standard Mounting:

Top Plate: 2 1/2" X 3 5/8"

Bolt Holes Slotted For: 1 3/4" X 2 13/16" to 3 1/16"

Bolt Size: 5/16" diameter

# 2 colson SERIES

Capacity up to 325 lbs each



### Standard Features

- Zinc plated finish
- Full double ball hardened raceways
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing
- "Colson 45" multi-temp lube

## Swivel and Rigid Square Stems

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Description	Wheel Bearing	Stem Caster Models**	Load Height	Swivel Radius	Weight (Pounds)
3 1/2"	1 5/16"	210	Perma Rubber (Conductive Round)	Ball	2.03270.565 COND	4 9/16"	2 29/32"	2 1/4
			Perma Rubber (Round tread)	Delrin*	2.03270.561			2 1/4
	1 1/4"	225	Perma Rubber (Conductive Flat)	Ball	2.03270.445 COND			2
			Polyolefin	Delrin*	2.03270.53			1 7/8
		250	Perma Rubber (Flat tread)	Delrin*	2.03270.441			2
			Polyurethane HI-TECH	Delrin*	2.03270.91			2 7/8
4"	1 1/4"	250	Thermo	Plain	2.03270.52 HT	5"	3 7/32"	2 7/8
			ThermoTech®	Teflon	2.04270.613 H			3
	275	Perma Rubber (Conductive Flat)	Ball	2.04270.445 COND	2 1/4			
		Polyolefin	Delrin*	2.04270.53	2 1/8			
		Polyurethane HI-TECH	Delrin*	2.04270.91	2 1/8			
		Perma Rubber (Flat tread)	Delrin*	2.04270.441	2 1/4			
5"	1 1/4"	250	Thermo	Plain	2.04270.52 HT	6 1/16"	3 13/16"	3 1/8
			ThermoTech®	Teflon	2.05270.613 H			3
	1 5/16"	250	Perma Rubber (Conductive Flat)	Ball	2.05270.445 COND			3
			Perma Rubber (Conductive Round)	Ball	2.05270.565 COND			3
		300	Perma Rubber (Round tread)	Delrin*	2.05270.561			3
			Polyolefin	Delrin*	2.05270.53			2 1/2
1 1/4"	300	Polyurethane HI-TECH	Delrin*	2.05270.91	2 1/2			
		Perma Rubber (Flat tread)	Delrin*	2.05270.441	2 3/4			
	325	Perma Rubber (Flat tread)	Delrin*	2.05270.441	2 3/4			
		Thermo	Plain	2.05270.52 HT	3 1/2			

Fork Leg Spacing: 19/16"

\*Ball bearing models change last digit to 5 (example: 2.03270.565)

\*\*Rigid models change 5th digit to 8 (example 2.03280.561)

### OPTIONS:

- Total & Side Lock Brakes
- Thread Guards
- Swivel Dust Cap
- Square Grip Ring & Octogan Stem Mountings
- NSF Listed

### Standard Mounting:

2 1/16" long x 3/4" square with 3 mounting holes 17/64" diameter.

# 2 colson SERIES

Capacity up to 325 lbs each



### Standard Features

- Zinc plated finish
- Full double ball hardened raceways
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing
- "Colson 45" multi-temp lube

## Pipe Thread Stems

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Description	Wheel Bearing	Stem Caster Models	Load Height	Swivel Radius	Weight (Pounds)
3 1/2"	1 5/16"	210	Perma Rubber (Conductive Round)	Ball	2.03253.565 COND	4 13/16"	2 29/32"	2 1/4
			Perma Rubber (Round tread)	Delrin*	2.03253.561			2 1/4
	1 1/4"	225	Perma Rubber (Conductive Flat)	Ball	2.03253.445 COND			2 1/4
			Polyolefin	Delrin*	2.03253.53			2 1/8
		250	Perma Rubber (Flat tread)	Delrin*	2.03253.441			2 1/8
			Polyurethane HI-TECH	Delrin*	2.03253.91			1 3/4
4"	1 1/4"	250	Thermo	Plain	2.03253.52 HT	5 1/4"	3 7/32"	3 1/8
			ThermoTech®	Teflon	2.04253.613 H			3
	275	Perma Rubber (Conductive Flat)	Ball	2.04253.445 COND	2 1/4			
		Polyolefin	Delrin*	2.04253.53	2 1/4			
		Polyurethane HI-TECH	Delrin*	2.04253.91	2			
		Perma Rubber (Flat tread)	Delrin*	2.04253.441	2 1/4			
5"	1 1/4"	250	Thermo	Plain	2.04253.52 HT	6 5/16"	3 13/16"	3 1/4
			ThermoTech®	Teflon	2.05253.613 H			3
	1 5/16"	250	Perma Rubber (Conductive Flat)	Ball	2.05253.445 COND			3
			Perma Rubber (Conductive Round)	Ball	2.05253.565 COND			3
		300	Perma Rubber (Round tread)	Delrin*	2.05253.561			3
			Polyolefin	Delrin*	2.05253.53			2 3/4
1 1/4"	300	Polyurethane HI-TECH	Delrin*	2.05253.91	2 1/2			
		Perma Rubber (Flat tread)	Delrin*	2.05253.441	2 3/4			
	325	Perma Rubber (Flat tread)	Delrin*	2.05253.441	2 3/4			
		Thermo	Plain	2.05253.52 HT	3 3/4			

Fork Leg Spacing: 19/16"

\*Ball bearing models change last digit to 5 (example: 2.03253.565)

### OPTIONS:

- Total & Side Lock Brakes
- Thread Guards
- Swivel Dust Cap
- NSF Listed

### Standard Mounting:

1 1/16" diameter fits 3/4" pipe.

# 2 colson SERIES

Capacity up to 325 lbs each



### Standard Features

- Zinc plated finish
- Full double ball hardened raceways
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing
- "Colson 45" multi-temp lube

## Modular Stems

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Description	Wheel Bearing	Caster Models	Load Height	Swivel Radius	Weight (Pounds)
3 1/2"	1 5/16"	210	Perfoma Rubber (Conductive Round)	Ball	2.03250.565 COND	4 9/16"	2 29/32"	2
		225	Perfoma Rubber (Round tread)	Delrin*	2.03250.561			2
	1 1/4"	230	Perfoma Rubber (Conductive Flat)	Ball	2.03250.445 COND			1 3/4
		250	Polyolefin	Delrin*	2.03250.53			1 3/4
		250	Perfoma Rubber (Flat tread)	Delrin*	2.03250.441			1 3/4
		300	Polyurethane HI-TECH	Delrin*	2.03250.91			1 3/4
4"	1 1/4"	250	Thermo	Plain	2.03250.52 HT	5"	3 7/32"	2 3/4
		250	ThermoTech®	Teflon	2.04250.613 H			3
	275	Perfoma Rubber (Conductive Flat)	Ball	2.04250.445 COND	2 1/8			
	300	Polyolefin	Delrin*	2.04250.53	2 1/8			
		Polyurethane HI-TECH	Delrin*	2.04250.91	1 7/8			
		Perfoma Rubber (Flat tread)	Delrin*	2.04250.441	2 1/8			
5"	1 1/4"	250	ThermoTech®	Teflon	2.04250.52 HT	6 1/16"	3 13/16"	3 1/8
		250	ThermoTech®	Teflon	2.05250.613 H			3
	1 5/16"	250	Perfoma Rubber (Conductive Flat)	Ball	2.05250.445 COND			2 3/4
		250	Perfoma Rubber (Conductive Round)	Ball	2.05250.565 COND			2 3/4
	1 1/4"	300	Perfoma Rubber (Round tread)	Delrin*	2.05250.561			2 3/4
		300	Polyolefin	Delrin*	2.05250.53			2 1/4
325	Polyurethane HI-TECH	Delrin*	2.05250.91	2 1/4				
	Perfoma Rubber (Flat tread)	Delrin*	2.05250.441	2 1/2				
		325	Thermo	Plain	2.05250.52 HT			3 1/4

Fork Leg Spacing: 1 9/16"

\*Ball bearing models change last digit to 5 (example: 2.03250.565)

### OPTIONS:

- Total & Side Lock Brakes
- Thread Guards
- Swivel Dust Cap
- NSF Listed

### Standard Mounting:

1/2" hollow rivet will accept a wide variety of mounting stems (even a standard 1/2" bolt will work).

# 2 colson SERIES

Capacity up to 325 lbs each

**STAINLESS STEEL**



### Standard Features

- Polished 304 grade stainless steel finish
- Double ball hardened raceways
- All component parts are stainless steel
- Designed to perform in the most hostile environments
- If rust is a problem... Colson stainless steel is the solution

### OPTIONS:

- Tech Lock Brake
- Thread Guards
- NSF Listed

## Stainless Steel—Swivel and Rigid Top Plate

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Description	Wheel Bearing	Swivel* Caster Models	Load Height	Swivel Radius	Weight (Pounds)
4"	1 1/4"	250	ThermoTech®	Teflon	2.04456.613 H	5 1/8"	3 5/16"	3
		275	Polyolefin	Delrin	2.04456.544			2 1/8
		300	Polyurethane HI-TECH	Delrin	2.04456.944			2 1/8
		300	Perfoma Rubber (Flat tread)	Delrin	2.04456.444			2 1/4
5"	1 1/4"	250	Thermo	Plain	2.04456.52 HT	6 3/16"	4 1/16"	2 1/4
		250	ThermoTech®	Teflon	2.05456.613 H			3
		300	Polyolefin	Delrin	2.05456.544			2 5/8
		300	Polyurethane HI-TECH	Delrin	2.05456.944			2 5/8
	325	Perfoma Rubber (Flat tread)	Delrin	2.05456.444	2 3/4			
1 5/16"	250	Thermo	Plain	2.05456.52 HT	2 3/4			
		250	Perfoma Rubber (Round tread)	Delrin	2.05456.564			2 3/4

Fork Leg Spacing: 1 5/8"

\*Rigid models change 5th and 6th digit to 08 (example 2.04408.544)

### Standard Mounting:

Top Plate: 2 1/2" X 3 5/8"

Bolt Holes Slotted For: 1 3/4" X 2 13/16" to 3 1/16"

Bolt Size: 5/16" diameter

# 3 colson SERIES

Capacity up to 400 lbs each



### Standard Features

- Zinc plated finish
- Full double ball hardened raceways
- 3/8" hollow axle with lock nut
- Permanent rivet king pin construction
- "Colson 45" multi-temp lube

## Swivel and Rigid Top Plate

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Description	Wheel Bearing*	Swivel** Caster Models	Load Height	Swivel Radius	Weight (Pounds)
3"	1 1/2"	250	Performa Rubber (Flat/Grey)	Roller	3.00317.449	4 1/2"	3 1/8"	3
		300	Polyolefin		3.00317.809			2 3/4
		300	Polyurethane HI-TECH		3.00317.909			3
		400	Phenolic		3.00317.309			2 3/4
4"	1 1/2"	255	Performa Rubber (Conductive Flat)	Roller	3.00417.449 COND	5 3/8"	3 5/8"	3 1/2
		325	Performa Rubber (Flat/Grey)		3.00417.449			3 1/2
		375	Polyolefin		3.00417.809			3
		400	Polyurethane HI-TECH		3.00417.909			3 1/4
5"	1 1/2"	280	Performa Rubber (Conductive Flat)	Roller	3.00517.449 COND	6 3/8"	4 1/8"	3 1/2
		350	Performa Rubber (Flat/Grey)		3.00517.449			3 1/2
		400	Polyolefin		3.00517.809			2 3/4
		400	Polyurethane HI-TECH		3.00517.909			3 1/2
6"	1 1/2"	300	Performa Rubber (Conductive Flat)	Roller	3.00617.449 COND	7 3/8"	4 5/8"	3 3/4
		375	Performa Rubber (Flat/Grey)		3.00617.449			3 3/4
		400	Polyolefin		3.00617.809			3
		400	Polyurethane HI-TECH		3.00617.909			3 3/4
			Phenolic		3.00617.309			3 3/4

Fork Leg Spacing: 1 7/8"

\*Consult Factory for additional bearing options

\*\*Rigid models change 5th and 6th digit to 08 (example 3.00308.449)

### OPTIONS:

- Tread Lock Brake
- Thread Guards
- Dust Cap
- Bearings
- NSF Listed

### Standard Mounting:

Top Plate Swivel: 3 3/4" x 4 3/8"

Top Plate Rigid: 3 13/16" x 4 5/8"

Bolt Holes Slotted For: 2 5/8" x 3 5/8" or 3" x 3" centers

Bolt Size: 3/8" diameter

# 4 colson SERIES

Capacity up to 1250 lbs each



### Standard Features

- Zinc plated finish
- Grease fittings: wheel bearing and swivel raceway
- 1/2" hollow axle
- 1/4" steel top plate
- Permanent rivet king pin with 5/8" diameter rivet
- "Colson 45" multi-temp lube

## Swivel and Rigid Top Plate

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Description	Wheel Bearing*	Swivel** Caster Models	Load Height	Swivel Radius	Weight (Pounds)
4"	2"	350	Performa Rubber (Flat/Black)	Roller	4.04109.459.2	5 5/8"	3 9/16"	5 3/4
		600	Polyurethane HI-TECH		4.04109.929			4 3/4
		800	Thermo		4.04109.839 HT			6 3/4
		1000	Endura Solid Elastomer		4.04109.839 EN			5 3/4
5"	2"	375	Performa Rubber (Flat/Black)	Roller	4.05109.459.2	6 1/2"	4 1/4"	6 1/8
		650	Polyolefin		4.05109.839			4 7/8
		750	Polyurethane HI-TECH		4.05109.929			4 3/4
		1000	Endura Solid Elastomer		4.05109.839 EN			5 3/4
6"	2"	1200	Thermo	Roller	4.05109.839 HT	7 1/2"	5"	6 3/4
		1250	Forged Steel		4.05109.239			9 1/4
		450	Performa Rubber (Round/Grey)		4.06109.559			6 1/8
		600	Performa Rubber (Flat/Black)		4.06109.459.2			6 1/8
6"	2"	700	Polyolefin	Roller	4.06109.839	7 1/2"	5"	5 1/2
		1100	Endura Solid Elastomer		4.06109.839 EN			7
		1200	V-Groove		4.06109.739			10 1/2
		1250	Forged Steel		4.06109.239			10 1/4
8"	2"	600	Performa Rubber (Round/Grey)	Roller	4.08199.559	9 1/2"	6 1/2"	6 1/4
		675	Performa Rubber (Flat/Black)		4.08199.459.2			6 1/4
		900	Polyolefin		4.08199.839			5 3/4
		1000	Polyurethane HI-TECH		4.08199.929			5 3/4
			Endura Solid Elastomer		4.08199.839 EN			5 3/4

Fork Leg Spacing: 2 1/2"

\*Consult Factory for additional bearing options

\*\*Rigid models change 6th digit to 8 (example 4.04108.459.2).

### OPTIONS:

- Optional top plate sizes, consult factory
- Tech, Top, Tread, Side and Total Lock Brakes
- Foot or Hand Activated Swivel Locks
- DirtBan Swivel Seal
- Thread Guards
- NSF Listed

### Standard Mounting:

Top Plate Swivel: 4" x 4 1/2"

Bolt Holes Slotted For: 2 5/8" x 3 5/8" or 3" x 3" centers

Bolt Size: 3/8" diameter

# 4 colson SERIES

Capacity up to 1250 lbs each

**STAINLESS STEEL**



### Standard Features

- Polished stainless steel (Grade 304)
- 1/2" stainless steel hollow axle
- 1/4" top plate
- Permanent rivet king pin with 5/8" diameter rivet
- "Colson 45" multi-temp lube

## Stainless Steel—Swivel and Rigid Top Plate

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Description	Wheel Bearing*	Swivel** Caster Models	Load Height	Swivel Radius	Weight (Pounds)
4"	2"	350	Perfoma Rubber (Flat Black)	Roller	4.04109.459.2 SS	5 5/8"	3 9/16"	5 3/4
		600	Polyurethane HI-TECH		4.04109.929 SS			4 3/4
			Phenolic		4.04109.339 SS			5 3/4
		1000	Endura Solid Elastomer		4.04109.839.EN SS			5 3/4
5"	2"	375	Perfoma Rubber (Flat Black)	Roller	4.05109.459.2 SS	6 1/2"	4 1/4"	6 1/8
		650	Polyolefin		4.05109.839 SS			4 7/8
		750	Polyurethane HI-TECH		4.05109.929 SS			4 7/8
		1000	Phenolic		4.05109.339 SS			5 7/8
		Endura Solid Elastomer	4.05109.839.EN SS	5 7/8				
6"	2"	450	Perfoma Rubber (Round Grey)	Roller	4.06109.559 SS	7 1/2"	5"	7 1/8
		600	Perfoma Rubber (Flat Black)		4.06109.459.2 SS			7 1/8
		700	Polyolefin		4.06109.839 SS			5 1/2
		900	Polyurethane HI-TECH		4.06109.929 SS			5
		1100	Endura Solid Elastomer		4.06109.839.EN SS			6
		1200	Phenolic		4.06109.339 SS			6
8"	2"	600	Perfoma Rubber (Round Grey)	Roller	4.08199.559 SS	9 1/2"	6 1/2"	8 1/8
		675	Perfoma Rubber (Flat Black)		4.08199.459.2 SS			8 1/8
		900	Polyolefin		4.08199.839 SS			5 3/4
		1000	Polyurethane HI-TECH		4.08199.929 SS			5 3/4
		1200	Endura Solid Elastomer		4.08199.839.EN SS			6 3/4
			Phenolic		4.08199.339 SS			6 3/4

Fork Leg Spacing: 2 1/2"

\*Consult Factory for additional bearing options.

\*\*Rigid models change 6th digit to 8 (example 4.04108.459.2 SS).

### OPTIONS:

- Tech and Side Lock Brakes
- New Foot Activated Swivel Lock
- DirtBan Swivel Seal
- Thread Guards
- NSF Listed

### Standard Mounting:

- Top Plate Swivel: 4" x 4 1/2"
- Bolt Holes Slotted For: 2 5/8" x 3 5/8" or 3" x 3" centers
- Bolt Size: 3/8" diameter

# 4 colson SERIES enFORCER

Capacity up to 1400 lbs each



### Standard Features

- Zinc plated finish
- Single ball hardened raceway
- 1/2" hollow axle
- Fork legs 1/4" thick x 2" wide
- "Colson 45" multi-temp lube

## Kingpinless Swivel and Rigid Top Plate

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Description	Wheel Bearing*	Swivel** Caster Models	Load Height	Swivel Radius	Weight (Pounds)
5"	2"	375	Perfoma Rubber (Flat/Black)	Roller	4.05189.459.2	6 1/2"	3 7/8"	6 1/8
		400	Moldon Rubber (Cast iron core)		4.05189.649.7			7
		750	Polyurethane HI-TECH		4.05189.929			4 3/4
		1000	Moldon Polyurethane (Cast iron core)		4.05189.949.7			7
			Phenolic		4.05189.339			5 3/4
			Cast Iron		4.05189.139			8 7/8
1400	Forged Steel	4.05189.239	9 1/4					
6"	2"	450	Moldon Rubber (Cast iron core)	Roller	4.06189.649.7	7 1/2"	4 5/8"	9
		600	Perfoma Rubber (Flat/Black)		4.06189.459.2			6 1/8
		900	Polyurethane HI-TECH		4.06189.929			5
		1100	Endura Solid Elastomer		4.06189.839 EN			7
		1200	Moldon Polyurethane (Cast iron core)		4.06189.949.7			9
			Phenolic		4.06189.339			7
			V-Groove		4.06189.739			10 1/2
		1400	Cast Iron		4.06189.139			9 3/4
Forged Steel	4.06189.239		10 1/4					
8"	2"	500	Moldon Rubber (Cast iron core)	Roller	4.08189.649.7	9 1/2"	6 1/8"	11
		675	Perfoma Rubber (Flat/Black)		4.08189.459.2			6 1/4
		1000	Polyurethane HI-TECH		4.08189.929			5 3/4
		1200	Endura Solid Elastomer		4.08189.839 EN			8 1/2
			Moldon Polyurethane (Cast iron core)		4.08189.949.7			11
			Phenolic		4.08189.339			8 1/2
1400	Cast Iron	4.08189.139	12 1/2					

Fork Leg Spacing: 2 1/2"

\*Consult Factory for additional bearing options

\*\*Rigid models change 5th and 6th digit to 08 (example 4.05108.459.2). For 8" models only change 6th digit to 8.

### OPTIONS:

- Optional top plate sizes, consult factory
- Face Brake
- Hand Activated Swivel Lock
- Thread Guards
- NEW! 3 1/2" Extended Lead Fork

Top Plate Swivel: 4" x 4 1/2"

Bolt Holes Slotted For: 2 5/8" x 3 5/8" or 3" x 3" centers

Bolt Size: 3/8" diameter

# 5 SERIES

Capacity up to 1300 lbs each



## Standard Features

- Zinc plated finish
- Full double ball hardened raceways
- 1/2" hollow axle
- 1/4" steel top plate
- "Colson 45" multi-temp lube

## Swivel and Rigid Top Plate

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Description	Wheel Bearing*	Swivel** Caster Models	Load Height	Swivel Radius	Weight (Pounds)					
5"	2"	375	Performa Rubber (Flat/Black)	Roller	5.05209.459.2	6 1/2"	4 1/16"	6 3/4					
		650	Polyolefin		5.05209.839			6 3/4					
		750	Polyurethane HI-TECH		5.05209.929			6 1/2					
		1000	Endura Solid Elastomer		5.05209.839 EN			7 1/2					
		1300	Forged Steel		5.05209.239			9 3/4					
6"	2"	450	Performa Rubber (Round/Grey)	Roller	5.06209.559	7 1/2"	4 13/16"	6 3/4					
		600	Performa Rubber (Flat/Black)		5.06209.459.2			6 3/4					
		700	Polyolefin		5.06209.839			7					
		900	Polyurethane HI-TECH		5.06209.929			6 3/4					
		1100	Endura Solid Elastomer		5.06209.839 EN			7 3/4					
		1300	Cast Iron		5.06209.139			11 1/4					
	2 1/2"	1300	Phenolic		5.06259.369			9					
		1300	Cast Iron		5.06259.169			12 3/4					
		8"	2"		600			Performa Rubber (Round/Grey)	Roller	5.08299.559	9 1/2"	6 5/16"	7 1/2
					675			Performa Rubber (Flat/Black)		5.08299.459.2			7 3/4
900	Polyolefin			5.08299.839	7 1/2								
1000	Polyurethane HI-TECH			5.08299.929	7 1/4								
1200	Endura Solid Elastomer			5.08299.839 EN	9 1/2								
2 1/2"	1300	Moldon Rubber (Aluminum core)	5.08259.669	11									
		Phenolic	5.08259.369	11 1/4									
		Cast Iron	5.08259.169	16									

Fork Leg Spacing: 2 1/2" for 2" tread widths;  
3" for 2 1/2" tread width.

\*Consult Factory for additional bearing options.

\*\*Rigid models change 6th digit to 8 (example 5.05208.459.2).

### OPTIONS:

- Tread & Tech Lock Brakes
- Hand Activated Swivel Lock
- Thread Guards

### Standard Mounting:

Top Plate Swivel: 4 1/2" x 6 1/4"

Bolt Holes Slotted For: 2 7/16" x 4 15/16" or 3 3/8" x 5 1/4" centers

Bolt Size: 1/2" diameter

# 6 SERIES IMPAK

Capacity up to 1500 lbs each



## Standard Features

- Zinc plated finish
- Full double ball hardened raceways
- 1/2" hollow axle
- 5/16" steel top plate
- "Colson 45" multi-temp lube

## Kingpinless Swivel and Rigid Top Plate

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Description	Wheel Bearing*	Swivel** Caster Models	Load Height	Swivel Radius	Weight (Pounds)					
5"	2"	375	Performa Rubber (Flat/Black)	Roller	6.05279.459.2	6 1/2"	3 29/32"	9					
		650	Polyolefin		6.05279.839			9					
		750	Polyurethane HI-TECH		6.05279.929			8 1/2					
		1000	Endura Solid Elastomer		6.05279.839 EN			8					
		1000	Cast Iron		6.05279.139			10 3/4					
		1500	Forged Steel		6.05279.239			11 1/4					
6"	2"	450	Performa Rubber (Round/Grey)	Roller	6.06279.559	7 1/2"	4 11/16"	7 3/4					
		600	Performa Rubber (Flat/Black)		6.06279.459.2			7 3/4					
		700	Polyolefin		6.06279.839			10					
		900	Polyurethane HI-TECH		6.06279.929			9					
		1100	Endura Solid Elastomer		6.06279.839 EN			9 1/4					
		1200	Moldon Polyurethane (Iron core)		6.06279.949.7			12 1/2					
		8"	2"		600			Performa Rubber (Round/Grey)	Roller	6.08279.559	10 1/8"	6 1/2"	8 1/2
					675			Performa Rubber (Flat/Black)		6.08279.459.2			8 1/2
900	Polyolefin			6.08279.839	10 1/4								
1000	Polyurethane HI-TECH			6.08279.929	9 1/2								
1200	Endura Solid Elastomer			6.08279.839 EN	11 1/2								
1500	Moldon Polyurethane (Iron core)			6.08279.949.7	16 1/4								
1500	Cast Iron	6.08279.139	16 1/4										

Fork Leg Spacing: 2 1/2"

\*Consult Factory for additional bearing options.

\*\*Rigid models change 5th and 6th digit to 08 (example 6.05208.459.2). For 8" models change 6th digit to 8.

### OPTIONS:

- Optional top plate sizes, consult factory
- Tread Lock Brake
- Hand Activated Swivel Lock
- Thread Guards

### Standard Mounting:

Top Plate Swivel: 4 1/2" x 6 1/4"

Bolt Holes Slotted For: 2 7/16" x 4 15/16" or 3 3/8" x 5 1/4" centers

Bolt Size: 1/2" diameter

# 7 colson SERIES enFORCER

Capacity up to 4500 lbs each



### Standard Features

- Zinc plated finish
- Single ball hardened swivel raceway
- 3/4" solid axle
- 5/16" steel top plate
- "Colson 45" multi-temp lube

## Kingpinless Swivel and Rigid Top Plate

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Description	Wheel Bearing*	Swivel** Caster Models	Load Height	Swivel Radius	Weight (Pounds)
8"	2 1/2"	670	Moldon Rubber (Cast Iron Core)	Roller	7.08689.669.7	10 1/8"	6 9/16"	19
		2000	Moldon Polyurethane (Iron Core)		7.08689.969.7			23
			Phenolic		7.08689.369			15 1/2
	3"	2500	Cast Iron		7.08689.169			23 1/4
		840	Moldon Rubber (Cast Iron Core)		7.08689.679.7			24 3/4
			Phenolic		7.08689.379			16 1/2
		2500	Moldon Polyurethane (Iron Core)		7.08689.979.7			27 3/4
			Cast Iron		7.08689.179			27 3/4
			4500		Forged Steel			7.08689.279
10"	2 1/2"	790	Moldon Rubber (Cast Iron Core)	Roller	7.10689.669.7	11 1/2"	7 5/8"	24 1/2
		2300	Moldon Polyurethane (Iron Core)		7.10689.969.7			31 1/4
			Phenolic		7.10689.369			19 1/2
	3"	1000	Moldon Rubber (Cast Iron Core)		7.10689.679.7			25 1/4
		2900	Phenolic		7.10689.379			19 1/2
		3000	Moldon Polyurethane (Iron Core)		7.10689.979.7			31 1/2
			Cast Iron		7.10689.179			31 1/2
			4500		Forged Steel			7.10689.279
		12"	2 1/2"		950			Moldon Rubber (Iron Core)
2700	Moldon Polyurethane (Iron Core)			7.12689.969.7	26 1/2			
3"	1140		Moldon Rubber (Iron Core)	7.12689.679.7	28 3/4			
	3000		Cast Iron	7.12689.179	35 3/4			
			Phenolic	7.12689.379	24 3/4			
	3500		Moldon Polyurethane (Iron Core)	7.12689.979.7	40			

Fork Leg Spacing: 3 1/2"

\*Consult Factory for additional bearing options.

\*\*Rigid models change 6th digit to **8** (example 7.08688.669.7).

### OPTIONS:

- Optional top plate sizes, consult factory
- Face Brake
- Hand Activated Swivel Lock
- Optional Load Heights

### Standard Mounting:

Top Plate Swivel: 5 1/4" x 7 1/4"

Bolt Holes Slotted For: 3 3/8" x 5 1/4" or 4 1/8" x 6 1/8" centers

Bolt Size: 1/2" diameter

# 8 colson SERIES enFORCER

Capacity up to 8000 lbs each



### Standard Features

- Zinc plated finish
- Single ball hardened swivel raceway
- 3/8" steel top plate
- 3/4" solid axle with nut
- Fork legs 3/8" thick x 3" wide
- "Colson 45" multi-temp lube

## Kingpinless Swivel and Rigid Top Plate

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Description	Wheel Bearing*	Swivel** Caster Models	Load Height	Swivel Radius	Weight (Pounds)
8"	2 1/2"	670	Moldon Rubber (Iron Core)	Roller	8.08689.669.7	10 1/8"	6 3/16"	19
		2000	Moldon Polyurethane (Iron Core)		8.08689.969.7			23
			Phenolic		8.08689.369			15 1/2
	3"	2500	Cast Iron		8.08689.169			23 1/4
		840	Moldon Rubber (Iron Core)		8.08689.679.7			24 3/4
			Phenolic		8.08689.379			16 1/2
		2500	Moldon Polyurethane (Iron Core)		8.08689.979.7			27 3/4
			Cast Iron		8.08689.179			27 3/4
			4500		Forged Steel			8.08689.279
10"	2 1/2"	790	Moldon Rubber (Iron Core)	Roller	8.10689.669.7	11 1/2"	7 3/8"	24 1/2
		1800	Cast Iron		8.10689.169			29
		2300	Moldon Polyurethane (Iron Core)		8.10689.969.7			31 1/4
	3"	2500	Phenolic		8.10689.369			19 1/2
		1000	Moldon Rubber (Iron Core)		8.10689.679.7			25 1/4
		2900	Phenolic		8.10689.379			19 1/2
		3000	Moldon Polyurethane (Iron Core)		8.10689.979.7			31 1/2
			Cast Iron		8.10689.179			31 1/2
			4500		Forged Steel			8.10689.279
12"	2 1/2"	950	Moldon Rubber (Iron Core)	Roller	8.12689.669.7	13 1/2"	8 7/8"	27 1/4
		2700	Moldon Polyurethane (Iron Core)		8.12689.969.7			26 1/2
	3"	1140	Moldon Rubber (Iron Core)		8.12689.679.7			28 3/4
		3000	Cast Iron		8.12689.179			35 3/4
			Phenolic		8.12689.379			24 3/4
		3500	Moldon Polyurethane (Iron Core)		8.12689.979.7			40

Fork Leg Spacing: 3 1/2"

\*Consult Factory for additional bearing options.

\*\*Rigid models change 6th digit to **8** (example 8.08688.669.7).

### OPTIONS:

- Optional top plate sizes, consult factory
- Face Brake
- Hand Activated Swivel Lock
- Optional Load Heights

### Standard Mounting:

Top Plate Swivel: 5 1/4" x 7 1/4"

Bolt Holes Slotted For: 3 3/8" x 5 1/4" or 4 1/8" x 6 1/8" centers

Bolt Size: 1/2" diameter

## Wheel Selection



### Performa® Rubber

For 1 & 2 SERIES CASTERS

Non-marking thermoplastic elastomer tread bonded to polyolefin wheel core.



#### Performa Rubber® Flat Tread Models

Wheel Dia.	Tread Width	Capacity Each (Lbs)	Bearing	Wheel Model Number
3"	7/8"	125	Delrin	1.00003.441
			Delrin	2.00003.441
3 1/2"	1 1/4"	250	Ball	2.00003.445
			Delrin	1.00004.441
4"	7/8"	135	Delrin	2.00004.441
			Delrin	1.00004.441
4"	1 1/4"	300	Ball	2.00004.445
			Delrin	1.00005.441
5"	7/8"	145	Delrin	2.00005.441
			Delrin	2.00005.441
5"	1 1/4"	325	Ball	2.00005.445
			Delrin	2.00005.445

#### Performa Rubber® Round Tread Models

3 1/2"	1 5/16"	210	Delrin	2.00003.561
			Ball	2.00003.565
5"	1 1/4"	325	Delrin	2.00005.561
			Ball	2.00005.565



### Polyurethane Hi-Tech™

For 1 & 2 SERIES CASTERS

Polyurethane tread mechanically bonded to polyolefin core.

#### Hi-Tech™ Polyurethane

Wheel Dia.	Tread Width	Capacity Each (Lbs)	Bearing	Wheel Model Number
3"	7/8"	100	Delrin	1.00003.91
			Delrin	2.00003.91
3 1/2"	1 1/4"	250	Ball	2.00003.95
			Delrin	1.00004.91
4"	7/8"	125	Delrin	2.00004.91
			Delrin	2.00004.91
4"	1 1/4"	275	Ball	2.00004.95
			Delrin	1.00005.91
5"	7/8"	140	Delrin	2.00005.91
			Delrin	2.00005.91
5"	1 1/4"	300	Ball	2.00005.95
			Delrin	2.00005.95



### Performa® Rubber

For 4 to 6 SERIES CASTERS

Industrial strength thermoplastic elastomer tread bonded to ribbed polyolefin wheel core.

#### Performa Rubber® Flat Black Tread Models

Wheel Dia.	Tread Width	Capacity Each (Lbs)	Bearing	Wheel Model Number
4"	2"	350	Delrin	5.00004.451.2
			Roller	5.00004.459.2
			Ball	5.00004.465.2
5"	2"	375	Ball	5.00005.465.2
			Delrin	5.00005.451.2
			Roller	5.00005.459.2
6"	2"	500	Ball	5.00006.465.2
			Delrin	5.00006.451.2
			Roller	5.00006.459.2
6"	2"	600	Ball	5.00008.465.2
			Delrin	5.00008.451.2
			Roller	5.00008.459.2
8"	2"	500	Ball	5.00008.465.2
			Delrin	5.00008.451.2
			Roller	5.00008.459.2

Conductive available, consult factory.



Grey tread models also available in 3 to 6 series models.



Grey round tread models available in 4 to 6 series models.



### Polyurethane Hi-Tech™

For 3 to 6 SERIES CASTERS

Polyurethane tread mechanically bonded to ribbed polyolefin core.

#### Hi-Tech™ Polyurethane

Wheel Dia.	Tread Width	Capacity Each (Lbs)	Bearing	Wheel Model Number
5"	1 1/2"	500	Roller	3.00005.909
			Delrin	4.00005.919
	2"	750	Roller	5.00005.929
6"	1 1/2"	600	Roller	3.00006.909
			Delrin	4.00006.919
	2"	900	Roller	5.00006.929
8"	1 1/2"	800	Roller	3.00008.909
			Delrin	4.00008.919
	2"	1000	Roller	5.00008.929

For Delrin bearing replace last digit with 1 (example: 3.00005.901).



### Endura® Solid Elastomer

For 4 to 6 SERIES CASTERS

Ergonomic solid elastomer design rolls easily under heavy loads.

#### Endura Solid Elastomer

Wheel Dia.	Tread Width	Capacity Each (Lbs)	Bearing	Wheel Model Number
4"	2"	1000	Delrin	5.00004.831.EN
			Ball	5.00004.835.EN
			Roller	5.00004.839.EN
5"	2"	1000	Delrin	5.00005.831.EN
			Ball	5.00005.835.EN
			Roller	5.00005.839.EN
6"	2"	1100	Delrin	5.00006.831.EN
			Ball	5.00006.835.EN
			Roller	5.00006.839.EN
8"	2"	1200	Delrin	5.00008.831.EN
			Ball	5.00008.835.EN
			Roller	5.00008.839.EN



### Polyolefin

For 1 & 2 SERIES CASTERS

Solid polyolefin construction resists hard impacts and most chemicals.

#### Polyolefin

Wheel Dia.	Tread Width	Capacity Each (Lbs)	Bearing	Wheel Model Number
3"	7/8"	125	Delrin	1.00003.53
3 1/2"	1 1/4"	230	Delrin	2.00003.53
			Ball	2.00003.55
4"	7/8"	135	Delrin	1.00004.53
			Delrin	2.00004.53
4"	1 1/4"	275	Ball	2.00004.55
			Delrin	1.00005.53
5"	7/8"	145	Delrin	2.00005.53
			Delrin	2.00005.53
5"	1 1/4"	300	Ball	2.00005.55
			Delrin	2.00005.55



3 to 6 series models available, consult factory.

## Wheel Selection



### Phenolic

For 3 to 7 SERIES CASTERS  
Molded macerated fabric filled with phenolic resin plastic.

### Phenolic

Wheel Dia.	Tread Width	Capacity Each (Lbs)	Bearing	Wheel Model Number
5"	1 1/2"	600	Delrin	3.00005.301
			Roller	3.00005.309
			Delrin	4.00005.311
	Roller	4.00005.319		
6"	1 1/2"	800	Roller	5.00005.339
			Delrin	3.00006.301
			Roller	3.00006.309
	Delrin	4.00006.311		
Roller	4.00006.319			
Roller	5.00006.339			
8"	2"	1400	Roller	5.00008.339
	2 1/2"	1600	Roller	6.00008.369
		2000	Roller	7.00008.369



### Steel (Cast Iron and Forged)

For 4 to 7 SERIES CASTERS  
Excellent for heavy loads when floor protection is not a factor.

### Cast Iron

Wheel Dia.	Tread Width	Capacity Each (Lbs)	Bearing	Wheel Model Number
5"	2"	1000	Roller	5.00005.139
	2 1/2"	2000	Roller	7.00005.169
6"	2 1/2"	1500	Roller	5.00006.139
	2 1/2"	2500	Roller	7.00006.169
8"	2"	1500	Roller	5.00008.139
	3"	2500	Roller	7.00008.169

### Forged Steel

Wheel Dia.	Tread Width	Capacity Each (Lbs)	Bearing	Wheel Model Number
6"	2"	1700	Roller	5.00006.239
	2 1/2"	4000	Roller	7.00006.269
8"	3"	4500	Roller	7.00008.279

For Delrin bearing replace last digit with 1 (example: 5.00005.131).



### Thermo®

For 2 to 6 SERIES CASTERS  
Molded from an exclusive engineered resin compound. -70°F to 475°F.

### Thermo®

Wheel Dia.	Tread Width	Capacity Each (Lbs)	Bearing	Wheel Model Number
3 1/2"	1 1/4"	700	Plain	2.00003.52HT
			Plain	2.00004.52HT
4"	1 1/4"	700	Plain	4.00004.812HT
	1 1/2"	700	Plain	5.00004.832HT
			Plain	5.00005.812HT
5"	1 1/4"	700	Plain	4.00005.812HT
	1 1/2"	700	Plain	5.00005.832HT
			Plain	5.00006.832HT
6"	2"	700	Plain	5.00006.832HT

Available less bearing and with roller bearings, consult factory.



### ThermoTech®

For 2 to 4 SERIES CASTERS  
Advanced technology rubber compound bonded to an aluminum core. -45°F to 490°F.

### ThermoTech®

Wheel Dia.	Tread Width	Capacity Each (Lbs)	Bearing	Wheel Model Number
4"	1 1/4"	250	Teflon	2.00004.613H
5"	1 1/4"	250	Teflon	2.00005.613H
6"	1 1/4"	250	Teflon	2.00006.613H



### Moldon Polyurethane Cast Iron Core

For 4 to 7 SERIES CASTERS  
Ultra-durable red polyurethane tread bonded to cast iron core with very high strength-to-weight ratio.

### Moldon Polyurethane Cast Iron Core

Wheel Dia.	Tread Width	Capacity Each (Lbs)	Bearing	Wheel Model Number
4"	2"	700	Roller	5.00004.949.7
5"	2"	1000	Roller	5.00005.949.7
			Roller	5.00006.949.7
6"	2"	1200	Roller	7.00006.979.7
	3"	2040	Roller	5.00008.949.7
8"	2"	1500	Roller	7.00008.979.7
	3"	2500	Roller	7.00010.979.7
10"	3"	3000	Roller	7.00012.979.7
12"	3"	3500	Roller	7.00012.979.7

For Delrin bearing replace 9th digit with 1 (example: 5.00004.941.7).



### Triumph™ Tow-Line

For 4 to 6 SERIES CASTERS  
Industrial strength, non-marking polyurethane tread mechanically and chemically bonded to aluminum core.

### Triumph™ Crown Tread Red (75 Shore A)

Wheel Dia.	Tread Width	Capacity Each (Lbs)	Bearing	Wheel Model Number
8"	2"	1200	Prec. Ball	5.00008.93TS

### Triumph™ Crown Tread Brown (90 Shore A)

8"	2"	1200	Prec. Ball	5.00008.93TF
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### Triumph™ Round Tread Blue (95 Shore A)

8"	2"	1200	Prec. Ball	5.00008.96TF
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### Triumph™ Round Tread Red (90 Shore A)

8"	2"	1200	Prec. Ball	5.00008.96TS
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Bore is 1/2" and hub length is 2 7/16" all models.

6" diameter wheels coming soon.

[www.colsoncaster.com](http://www.colsoncaster.com)



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