

# Heavy Duty Casters

**Ergonomic**

**Maintenance-Free**

**ICWM Compliant**

## Engineered for high-impact applications.

These casters are designed to take the punishment associated with shock or impact loads that might damage less rugged casters, providing you with the ultimate performance advantage.



Activated Swivel Lock



Tread Lock Brake



Moldon Polyurethane Swivel

**COLSON.CA**

CAMBRIDGE \ MONTREAL \ TORONTO \ VANCOUVER



# HEAVY DUTY DROP FORGED STEEL

Capacity to 2,750 pounds each

## FEATURES



- **Design:** Series WT23 casters are made from SAE 1045 drop forged steel with a 3/4" diameter integrally forged, heat-treated kingpin & slotted nut.
- **Swivel Construction:** 3-1/4" diameter upper load raceway, complete with 7/16" diameter ball bearings, and a 3/4" precision tapered roller bearing.
- **Finish:** Durable corrosion zinc resistant finish.
- **Axle:** 3/4" diameter with grease fitting, lock nut.
- **Fork Legs:** 5/16" thick x 2-1/2" wide, double welded.



WT823ACB



## CASTER OPTIONS

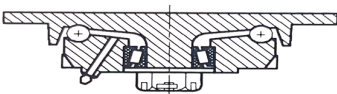
-  **Face Contact Brake:** to order, add suffix **-FCB**.
- **Side Brake:** add suffix **-SB**.
-  **Swivel Lock / Bolt-On:** field installable 4-position swivel lock—to order, add suffix **-SL**.

### WT23 - W23 Series — Up to 2,750 lbs.

Wheel Diameter	Tread Width	Wheel Type	Bearing	Capacity (lbs)	Swivel Model	Rigid Model	Load Height	Swivel Offset
6"	3"	Urethane on Cast	Roller	2,050	WT623MPB	W633MPB	7-1/2"	2-1/2"
6"	3"	Phenolic	Roller	2,000	WT623ACB	W633ACB	7-1/2"	2-1/2"
6"	3"	Flat Cast Iron	Roller	2,500	WT623CIB	W633CIB	7-1/2"	2-1/2"
6"	3"	Crowned Cast Iron	Roller	2,500	WT623CSB	W633CSB	7-1/2"	2-1/2"
6"	3"	Ductile	Roller	2,750	WT623DFB	W633DFB	7-1/2"	2-1/2"
8"	3"	Super Elastic Rubber	Taper	1,250	WT823RTTM	W833RTTM	10-1/8"	2-1/2"
8"	3"	Urethane on Cast	Roller	2,500	WT823MPB	W833MPB	10-1/8"	2-1/2"
8"	3"	Phenolic	Roller	2,500	WT823ACB	W833ACB	10-1/8"	2-1/2"
8"	3"	Flat Cast Iron	Roller	2,500	WT823CIB	W833CIB	10-1/8"	2-1/2"
8"	3"	Crowned Cast Iron	Roller	2,500	WT823CSB	W833CSB	10-1/8"	2-1/2"
8"	3"	Ductile	Roller	2,750	WT823DFB	W833DFB	10-1/8"	2-1/2"
10"	3"	Super Elastic Rubber	Taper	1,700	WT1023RTTM	W1033RTTM	11-1/2"	2-3/4"
10"	3"	Urethane on Cast	Roller	2,750	WT1023MPB	W1033MPB	11-1/2"	2-3/4"
10"	3"	Phenolic	Roller	2,750	WT1023ACB	W1033ACB	11-1/2"	2-3/4"
10"	3"	Flat Cast Iron	Roller	2,500	WT1023CIB	W1033CIB	11-1/2"	2-3/4"
10"	3"	Crowned Cast Iron	Roller	2,500	WT1023CSB	W1033CSB	11-1/2"	2-3/4"
10"	3"	Ductile	Roller	2,750	WT1023DFB	W1033DFB	11-1/2"	2-3/4"
12"	3"	Urethane on Cast	Roller	2,750	WT1223MPB	W1233MPB	13-1/2"	3"
12"	3"	Phenolic	Roller	2,750	WT1223ACB	W1233ACB	13-1/2"	3"
12"	3"	Flat Cast Iron	Roller	2,750	WT1223CIB	W1233CIB	13-1/2"	3"
12"	3"	Crowned Cast Iron	Roller	2,750	WT1223CSB	W1233CSB	13-1/2"	3"
12"	3"	Ductile	Roller	2,750	WT1223DFB	W1233DFB	13-1/2"	3"

## MOUNTING

- **Top Plate:** 4-1/2" x 6-1/4"
- **Bolt Hole Spacing:** 2-7/16" x 4-15/16" slotted to 3-3/8" x 5-1/4"



SERIES WT23 INTEGRALLY FORGED KINGBOLT WITH TAPERED BEARING

# HEAVY DUTY CASTERS

Capacity to 3,000 pounds each

## FEATURES

- **Design:** kingpinless style swivel raceway.
- **Swivel Construction:** 5/16" thick 1045 steel top plate; one row of 1/2" ball bearings mounted in a heat treated precision machined raceway.
- **Finish:** zinc plating to resist rust and corrosion.
- **Axle:** 3/4" diameter with lock nut.
- **Fork Legs:** 5/16" x 2-1/2" 1045 steel welded inside and out.
- **Zerk Grease Fitting:** swivel raceway and wheels with roller bearings.



BH83ACB

## WHEEL OPTIONS



Cast Iron



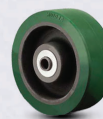
Ductile Iron



Phenolic





Polyurethane



Thick Tread Polyurethane

## CASTER OPTIONS

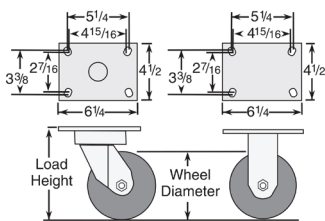
-  **Face Contact Brake:** to order, add suffix **-FCB**.
- **Side Brake:** add suffix **-SB**.

-  **Swivel Lock / Bolt-On:** field installable 4-position swivel lock—to order, add suffix **-SL**.

### BH Series — Up to 3,000 lbs.

Wheel Diameter	Tread Width	Wheel Type	Bearing	Capacity (lbs)	Swivel Model	Rigid Model	Load Height	Swivel Offset
6"	3"	Cast Iron	Roller	2,500	BH63CIB	B633CIB	7-1/2"	1-3/8"
6"	3"	Ductile Iron	Roller	3,000	BH63DFB	B633DFB	7-1/2"	1-3/8"
6"	3"	Phenolic	Roller	2,000	BH63ACB	B633ACB	7-1/2"	1-3/8"
6"	3"	Polyurethane	Roller	2,000	BH63MPB	B633MPB	7-1/2"	1-3/8"
6"	3"	Thick Tread Polyurethane	Tapered	2,000	BH63FPTM	B633FPTM	7-1/2"	1-3/8"
8"	3"	Cast Iron	Roller	2,500	BH83CIB	B833CIB	10-1/8"	2-1/8"
8"	3"	Ductile Iron	Roller	3,000	BH83DFB	B833DFB	10-1/8"	2-1/8"
8"	3"	Phenolic	Roller	2,500	BH83ACB	B833ACB	10-1/8"	2-1/8"
8"	3"	Polyurethane	Roller	2,500	BH83MPB	B833MPB	10-1/8"	2-1/8"
8"	3"	Thick Tread Polyurethane	Tapered	2,500	BH83FPTM	B833FPTM	10-1/8"	2-1/8"
10"	3"	Cast Iron	Roller	2,500	BH103CIB	B1033CIB	11-1/2"	2-1/4"
10"	3"	Ductile Iron	Roller	3,000	BH103DFB	B1033DFB	11-1/2"	2-1/4"
10"	3"	Phenolic	Roller	2,900	BH103ACB	B1033ACB	11-1/2"	2-1/4"
10"	3"	Polyurethane	Roller	3,000	BH103MPB	B1033MPB	11-1/2"	2-1/4"
10"	3"	Thick Tread Polyurethane	Tapered	3,000	BH103FPTM	B1033FPTM	11-1/2"	2-1/4"
12"	3"	Cast Iron	Roller	3,000	BH123CIB	B1233CIB	13-1/2"	2-3/4"
12"	3"	Ductile Iron	Roller	3,000	BH123DFB	B1233DFB	13-1/2"	2-3/4"
12"	3"	Phenolic	Roller	3,000	BH123ACB	B1233ACB	13-1/2"	2-3/4"
12"	3"	Polyurethane	Roller	3,000	BH123MPB	B1233MPB	13-1/2"	2-3/4"
12"	3"	Thick Tread Polyurethane	Tapered	3,000	BH123FPTM	B1233FPTM	13-1/2"	2-3/4"

## MOUNTING PLATE



Swivel Cross Section

# HEAVY DUTY CASTERS

Capacity to 5,400 pounds each



## FEATURES

- **Design:** kingpinless style swivel raceway.
- **Swivel Construction:** 3/8" thick 1045 steel top plate; one row of 1/2" ball bearings mounted in a heat treated precision machined raceway.
- **Finish:** zinc plating to resist rust and corrosion.
- **Axle:** 3/4" diameter with lock nut.
- **Fork Legs:** 3/8" x 3" 1045 steel welded inside and out.
- **Zerk Grease Fitting:** swivel raceway and wheels with roller bearings.

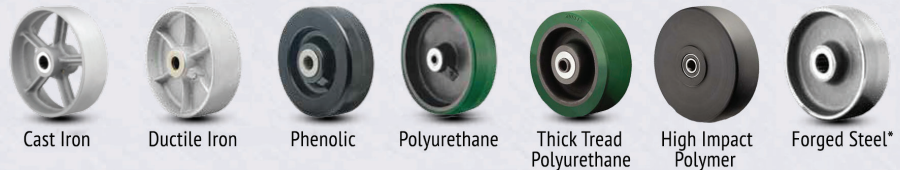


B827MPB

## CASTER OPTIONS

-  **Face Contact Brake:** to order, add suffix **-FCB**.
- **Side Brake:** add suffix **-SB**.
-  **Swivel Lock / Bolt-On:** field installable 4-position swivel lock—to order, add suffix **-SL**.

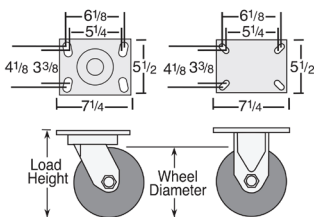
## WHEEL OPTIONS



### B27 Series — Up to 5,400 lbs.

Wheel Diameter	Tread Width	Wheel Type	Bearing	Capacity (lbs)	Swivel Model	Rigid Model	Load Height	Swivel Offset
6"	3"	Cast Iron	Roller	2,500	B627CIB	B637CIB	8"	2-1/4"
6"	3"	Ductile Iron	Roller	5,400	B627DFB	B637DFB	8"	2-1/4"
6"	3"	Phenolic	Roller	2,000	B627ACB	B637ACB	8"	2-1/4"
6"	3"	Polyurethane	Roller	2,000	B627MPB	B637MPB	8"	2-1/4"
6"	3"	Thick Tread Polyurethane	Tapered	2,000	B627FPTM	B637FPTM	8"	2-1/4"
6"	3"	High Impact Polymer	Prec. Ball	5,400	B627NXPB	B637NXPB	8"	2-1/4"
8"	3"	Cast Iron	Roller	2,500	B827CIB	B837CIB	10-1/2"	3"
8"	3"	Ductile Iron	Roller	5,400	B827DFB	B837DFB	10-1/2"	3"
8"	3"	Phenolic	Roller	2,500	B827ACB	B837ACB	10-1/2"	3"
8"	3"	Polyurethane	Roller	2,500	B827MPB	B837MPB	10-1/2"	3"
8"	3"	Thick Tread Polyurethane	Tapered	2,500	B827FPTM	B837FPTM	10-1/2"	3"
8"	3"	High Impact Polymer	Prec. Ball	5,400	B827NXPB	B837NXPB	10-1/2"	3"
10"	3"	Cast Iron	Roller	2,500	B1027CIB	B1037CIB	12-1/2"	3-3/8"
10"	3"	Ductile Iron	Roller	5,400	B1027DFB	B1037DFB	12-1/2"	3-3/8"
10"	3"	Phenolic	Roller	2,900	B1027ACB	B1037ACB	12-1/2"	3-3/8"
10"	3"	Polyurethane	Roller	3,000	B1027MPB	B1037MPB	12-1/2"	3-3/8"
10"	3"	Thick Tread Polyurethane	Tapered	3,000	B1027FPTM	B1037FPTM	12-1/2"	3-3/8"
10"	3"	High Impact Polymer	Prec. Ball	5,400	B1027NXPB	B1037NXPB	12-1/2"	3-3/8"
12"	3"	Cast Iron	Roller	3,000	B1227CIB	B1237CIB	15-1/2"	4-1/4"
12"	3"	Ductile Iron	Roller	5,400	B1227DFB	B1237DFB	15-1/2"	4-1/4"
12"	3"	Phenolic	Roller	3,500	B1227ACB	B1237ACB	15-1/2"	4-1/4"
12"	3"	Polyurethane	Roller	3,200	B1227MPB	B1237MPB	15-1/2"	4-1/4"
12"	3"	Thick Tread Polyurethane	Tapered	3,200	B1227FPTM	B1237FPTM	15-1/2"	4-1/4"
12"	3"	High Impact Polymer	Prec. Ball	5,400	B1227NXPB	B1237NXPB	15-1/2"	4-1/4"

## MOUNTING PLATE

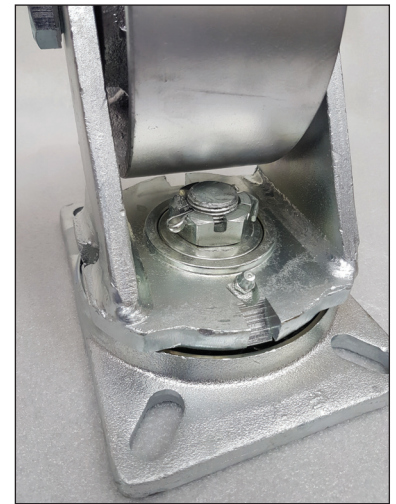
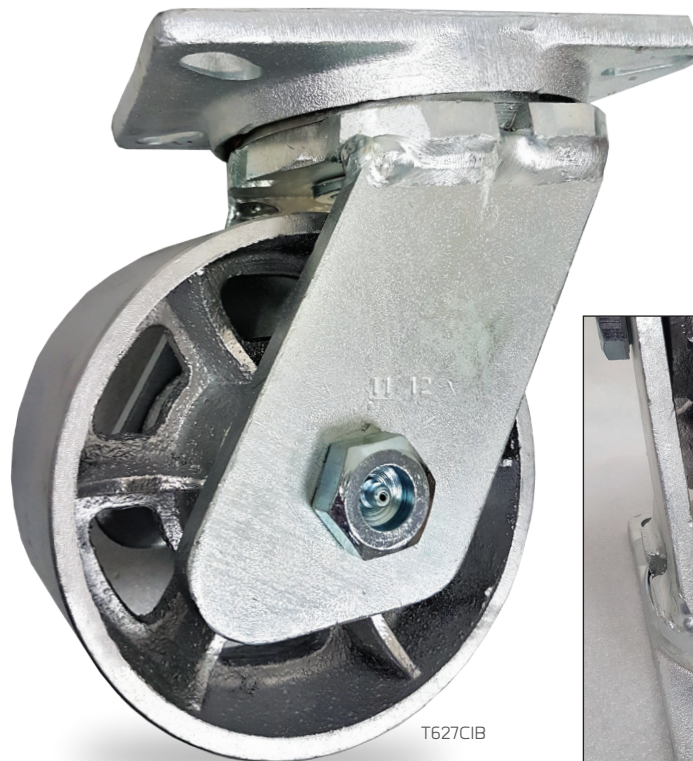


Swivel Cross Section

# EXTRA HEAVY DUTY DROP FORGED STEEL Capacity to 4,000 pounds each



## FEATURES

- **Design:** Series T27 casters are made from SAE 1045 drop forged steel for continuous and punishing heavy duty applications.
- **Swivel Construction:** 4" diameter upper load raceway complete with 1/2" diameter ball bearings and a 1" precision tapered roller bearing.
- **Finish:** Durable corrosion zinc resistant finish.
- **Axle:** 3/4" diameter with grease fitting, lock nut.
- **Fork Legs:** 3/8" thick x 3" wide, double welded.



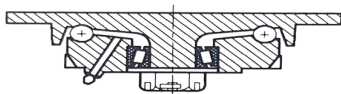
T627CIB

## CASTER OPTIONS

-  **Face Contact Brake:** to order, add suffix **-FCB**.
- **Side Brake:** add suffix **-SB**.
-  **Swivel Lock / Bolt-On:** field installable 4-position swivel lock—to order, add suffix **-SL**.

## MOUNTING

- **Top Plate:** 5-1/4" x 7-1/4"
- **Bolt Hole Spacing:** 3-3/8" x 5-1/4" slotted to 4-1/8" x 6-1/8"



SERIES T27 INTEGRALLY FORGED KINGBOLT WITH TAPERED BEARING

### T27 - 37 Series — Up to 4,000 lbs.

Wheel Diameter	Tread Width	Wheel Type	Bearing	Capacity (lbs)	Swivel Model	Rigid Model	Load Height	Swivel Offset
6"	3"	Urethane on Cast	Roller	2,050	T627MPB	637MPB	8"	2-1/4"
6"	3"	Phenolic	Roller	2,000	T627ACB	637ACB	8"	2-1/4"
6"	3"	Flat Cast Iron	Roller	2,500	T627CIB	637CIB	8"	2-1/4"
6"	3"	Crowned Cast Iron	Roller	2,500	T627CSB	637CSB	8"	2-1/4"
6"	3"	Ductile	Roller	4,000	T627DFB	637DFB	8"	2-1/4"
8"	3"	Super Elastic Rubber	Taper	1,250	T827RTTM	837RTTM	10-1/2"	2-1/2"
8"	3"	Urethane on Cast	Roller	2,500	T827MPB	837MPB	10-1/2"	2-1/2"
8"	3"	Phenolic	Roller	2,500	T827ACB	837ACB	10-1/2"	2-1/2"
8"	3"	Flat Cast Iron	Roller	2,500	T827CIB	837CIB	10-1/2"	2-1/2"
8"	3"	Crowned Cast Iron	Roller	2,500	T827CSB	837CSB	10-1/2"	2-1/2"
8"	3"	Ductile	Roller	4,000	T827DFB	837DFB	10-1/2"	2-1/2"
10"	3"	Super Elastic Rubber	Taper	1,700	T1027RTTM	1037RTTM	12-1/2"	2-1/2"
10"	3"	Urethane on Cast	Roller	3,000	T1027MPB	1037MPB	12-1/2"	2-1/2"
10"	3"	Phenolic	Roller	2,900	T1027ACB	1037ACB	12-1/2"	2-1/2"
10"	3"	Flat Cast Iron	Roller	2,500	T1027CIB	1037CIB	12-1/2"	2-1/2"
10"	3"	Crowned Cast Iron	Roller	2,500	T1027CSB	1037CSB	12-1/2"	2-1/2"
10"	3"	Ductile	Roller	4,000	T1027DFB	1037DFB	12-1/2"	2-1/2"
12"	3"	Urethane on Cast	Roller	3,200	T1227MPB	1237MPB	15-1/2"	2-1/2"
12"	3"	Phenolic	Roller	3,500	T1227ACB	1237ACB	15-1/2"	2-1/2"
12"	3"	Flat Cast Iron	Roller	3,000	T1227CIB	1237CIB	15-1/2"	2-1/2"
12"	3"	Crowned Cast Iron	Roller	3,000	T1227CSB	1237CSB	15-1/2"	2-1/2"
12"	3"	Ductile	Roller	4,000	T1227DFB	1237DFB	15-1/2"	2-1/2"

# HEAVY DUTY DROP FORGED STEEL

Capacity to 3,000 pounds each

## FEATURES

- **Design:** Forged swivel head kingpinless construction for severe conditions; Conforms to ISO 2184, class 3.
- **Swivel Construction:** Sealed raceway designed with hardened ball tracks to carry both radial and thrust loads.
- **Finish:** Black oxide finish or zinc plating to resist rust and corrosion.
- **Axle:** 1/2" diameter grease axle with lock nut.
- **Fork Legs:** Barrel formed fork legs for added strength.

## MOUNTING

- **Top Plate:** 5-7/8" x 4-1/8"
- **Bolt Hole Spacing:** 4-3/4" x 2-5/16" slotted to 4-1/8" x 3-1/8"



GT6MPB

### GT-GTF Series — Up to 3,000 lbs.

Wheel Diameter	Tread Width	Wheel Type	Bearing	Capacity (lbs)	Swivel Model	Rigid Model	Load Height	Swivel Offset
6"	2"	Super Elastic Rubber	Roller	850	GT6RTB	GTF6RTB	8"	1-3/4"
6"	2"	Urethane on Cast	Roller	1,200	GT6MPB	GTF6MPB	8"	1-3/4"
6"	2"	Crown Urethane	Roller	1,200	GT6SUB	GTF6SUB	8"	1-3/4"
6"	2"	Phenolic	Roller	1,200	GT6ACB	GTF6ACB	8"	1-3/4"
6"	2"	Flat Cast Iron	Roller	1,400	GT6CIB	GTF6CIB	8"	1-3/4"
6"	2"	Crowned Cast Iron	Roller	1,400	GT6CSB	GTF6CSB	8"	1-3/4"
6"	2"	Ductile	Roller	2,640	GT6DFB	GTF6DFB	8"	1-3/4"
8"	2"	Super Elastic Rubber	Roller	1,100	GT8RTB	GTF8RTB	10"	2"
8"	2"	Urethane on Cast	Roller	1,500	GT8MPB	GTF8MPB	10"	2"
8"	2"	Crown Urethane	Roller	1,500	GT8SUB	GTF8SUB	10"	2"
8"	2"	Phenolic	Roller	1,400	GT8ACB	GTF8ACB	10"	2"
8"	2"	Flat Cast Iron	Roller	1,500	GT8CIB	GTF8CIB	10"	2"
8"	2"	Crowned Cast Iron	Roller	1,500	GT8CSB	GTF8CSB	10"	2"
8"	2"	Ductile	Roller	3,000	GT8DFB	GTF8DFB	10"	2"

# HEAVY DUTY TRUCK LOCK

Code TLCH

The TLCH is a heavy duty truck lock that can be either bolted or welded onto portable equipment or platform trucks. The no-slip pad on the TLCH prevents equipment or mobile platform trucks from shifting or creeping while in service. Applications include: platform trucks, portable conveyors, box trucks, dollies, scaffolding, and other equipment that must be held securely in place during production or storage operations.

## SPECIFICATIONS

- **Top Plate Mount:** 6" x 4-1/2"
- **Bolt Hole Spacing:** 5" x 2-1/2"
- **Bolt Diameter:** 1/2"
- **Free Position Height:** 6-3/8"
- **Extended Height:** 8-1/8"

\* Consult factory for other options.

