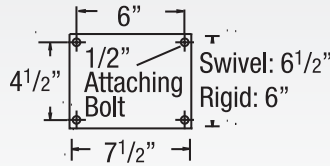# 94

94 BBL Super Duty Casters (Ball Load Swivel)
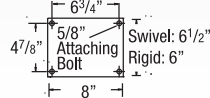
CAPACITY TO 5000

This caster has a ball load swivel (ball load swivel = "BBL") and is precision machined and heat treated to provide long life with greater capacity for that very rugged application. Made from AISI 1045 forged steel.
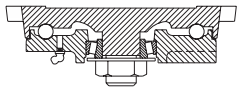
TYPICAL APPLICATIONS
- Die carts
- Towed trailers
- Automotive plants
- Aerospace industry
- Work stations
- Steel mills
- Aircraft maintenance

SWIVEL CROSS SECTION

FEATURES
- **Top Plate and Yoke Base:** 1/2" thick AISI 1045 drop forged steel
- **Swivel Load:** 5" diameter ball load race with 1/2" steel balls hardened for greater resistance to wear and brinelling. Protected by a forged labyrinth skirt
- **Thrust Race:** 1-1/4" tapered roller bearing
- **Legs:** 3/8" formed steel plate welded inside and out to yoke base and rigid top
- **King Bolt:** 1-1/4" diameter integrally forged with top plate for maximum strength
- **Axle:** 1" solid axle with lock nut
- **Lubrication:** Zerk fitting in yoke base and wheel hubs for easy lubrication
- Alternate or custom caster configurations available

BEARING OPTIONS

Straight Roller (01) | Tapered Roller (09) | Precision Ball (28)

RIG OPTIONS
- **Sealed swivel** section specify **NS94**

BRAKE OPTIONS
To order, add brake code below to end of model. Example: 94PY06409SBBL**P**

Poly Cam specify **P**

Single Side specify **SSB94**. **Double Sided** specify **DSB94**
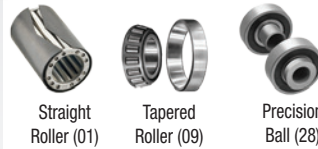
Face Contact specify **F**

Wrap Around specify **WB94**

Welded Swivel Lock specify **L**

Hand operated field Installable **Swivel Lock** order **SL940000** separately (Yokes must be notched)
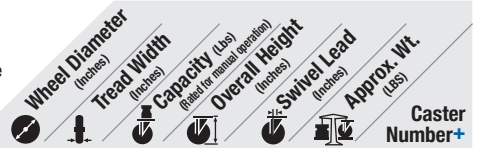
MOUNTING OPTIONS
Standard Plate

6"
4 1/2" | 1/2" Attaching Bolt | Swivel: 6 1/2" Rigid: 6"
7 1/2"

Special Order Plate
Optional C Plate

6 3/4"
4 7/8" | 5/8" Attaching Bolt | Swivel: 6 1/2" Rigid: 6"
8"

+ For Rigid models change "**SBBL**" to "**RBBL**" to end of base caster number.

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Caster Number+
Moldon Rubber on Cast Iron (09 Tapered Roller Bearing)							
MR	8	3	900	10 1/2	2 1/2	36 3/4	94MR08509SBBL
	10	3	1000	12 1/2	2 1/2	39 3/4	94MR10509SBBL
	10	3*	1800	12 1/2	2 1/2	39 3/4	94MH10509SBBL
	10	4	1400	12 1/2	2 1/2	50 3/4	94MR10709SBBL
	12	3 1/2	1500	15 1/2	2 1/2	55 3/4	94MR12609SBBL
	12	4	1600	15 1/2	2 1/2	63 1/4	94MR12709SBBL

*Heavy-duty MH version of 10x3 wheel.

+ For Rigid models change "**SBBL**" to "**RBBL**" to end of base caster number.

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Caster Number+
Polyurethane on Cast Iron (09 Tapered Roller Bearing)							
PY	6	2 1/2	1600	8 1/2	2 1/2	36	94PY06409SBBL
	6	3	2000	8 1/2	2 1/2	37 1/4	94PY06509SBBL
	8	3	2500	10 1/2	2 1/2	41	94PY08509SBBL
	8	4	3800	10 1/2	2 1/2	48	94PY08709SBBL
	10	3	3000	12 1/2	2 1/2	45 1/2	94PY10509SBBL
	10	4	4200	12 1/2	2 1/2	55	94PY10709SBBL
	12	3 1/2	4110	15 1/2	2 1/2	57 1/2	94PY12609SBBL
	12	4	4800	15 1/2	2 1/2	60	94PY12709SBBL

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Caster Number+
Polyurethane 80A on Cast Iron (09 Tapered Roller Bearing)							
PY 80A	6	2 1/2	1300	8 1/2	2 1/2	36	94PY06409SBBL80A
	6	3	1600	8 1/2	2 1/2	37 1/4	94PY06509SBBL80A
	8	3	2000	10 1/2	2 1/2	41	94PY08509SBBL80A
	8	4	3000	10 1/2	2 1/2	48	94PY08709SBBL80A
	10	3	2400	12 1/2	2 1/2	45 1/2	94PY10509SBBL80A
	10	4	3350	12 1/2	2 1/2	55	94PY10709SBBL80A
	12	3 1/2	3280	15 1/2	2 1/2	57 1/2	94PY12609SBBL80A
	12	4	3840	15 1/2	2 1/2	60	94PY12709SBBL80A

To Specify Rigid, insert "R" before "80A". Ex: 94PY06409SBBL**R**80A.

Continue on next page >>

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement