

S310 Contender Spring Loaded Kingpinless Casters

CAPACITY TO 3000

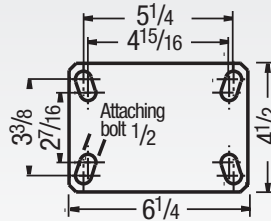


Designed from high quality, heat treated AISI 1045 stamped steel. Zinc plating delivers greater corrosion resistance than paint. Inside and outside welds deliver superior strength.

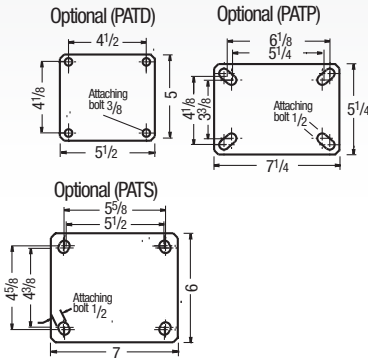
Great capacity and shock protection. Noise levels are reduced through the dampening effect of these casters.

Capacities listed at 50% of wheel deflection (21/32"). Total wheel deflection is 1-5/16".

MOUNTING OPTIONS Standard Plate



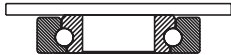
Special Order Plates



TYPICAL APPLICATIONS

- Conveyor-drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs
- Aviation Ground Support
- Aircraft Tripod Jacks
- Shock Sensitive Loads

SWIVEL CROSS SECTION



+ For swivel models add "S", for rigid model add "R" to end of base caster number.

Molded Rubber on Cast Iron (09 Tapered Roller Bearing)*

MR/MH	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Roller for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
6	2 1/2	700	10 7/8	4 7/8		S310MR06409
6	3	750	10 7/8	4 7/8		S310MR06509
8	2 1/2	850	11 7/8	4 7/8		S310MR08409
8	3	900	11 7/8	4 7/8		S310MR08509
10	2 1/2	950	14	4 7/8		S310MR10409
10	2 1/2**	1500	14	4 7/8		S310MH10409
10	3	1000	14	4 7/8		S310MR10509
10	3**	1800	14	4 7/8		S310MH10509
12	2 1/2	950	16	5 11/16		S310MR12409
12	2 1/2**	1700	16	5 11/16		S310MH12409
12	3	1200	16	5 11/16		S310MR12509

*Roller (01) bearings available. To order change "09" to "01". Example: S310MR10401.

**Heavy-duty MH version of wheel.



Premium Quality



Environmentally Friendly



Towing^

FEATURES

- **Load Springs:** Protect from damaging shocks and reduce noise levels through the dampening effect of the springs
- **Top Plate:** 5/16" AISI 1045 heat treated steel welded inside and out for longer life
- **Swivel Section:** One row of 1/2" ball bearings mounted in a heat treated precision machined raceway. Zerk in swivel section
- **Yoke Base:** Notched AISI 1045 heat treated steel
- **Legs:** welded inside and out
- **Axle:** 3/4" diameter
- **Finish:** Zinc plating
- Alternate or custom caster configurations available

RIG OPTIONS

- For non-spring loaded versions, see 310 Series on pages 48-49
- 310 Optional Plates also available, consult factory

BRAKE OPTIONS

Consult factory

+ For swivel models add "S", for rigid model add "R" to end of base caster number.

Mold-on Polyurethane on Aluminum (01 Roller Bearing)*

PD	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Roller for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
8	2 1/2	2010	11 7/8	4 7/8		S310PD08401
8	3	2520	11 7/8	4 7/8		S310PD08501
10	2 1/2	2370	14	4 7/8		S310PD10401
10	3	3000	14	4 7/8		S310PD10501

Standard durometer 60 Shore D. Other durometers available.
*Tapered Roller (09) bearings available. To order change "01" to "09".
Example: S310PD10409.

Polyurethane on Cast Iron (09 Tapered Roller Bearing)*

PY	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Roller for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
6	2 1/2	1600	10 7/8	4 7/8		S310PY06409
6	3	2000	10 7/8	4 7/8		S310PY06509
8	2 1/2	2000	11 7/8	4 7/8		S310PY08409
8	3	2500	11 7/8	4 7/8		S310PY08509
10	2 1/2	2300	14	4 7/8		S310PY10409
10	3	3000	14	4 7/8		S310PY10509
12	2 1/2	2700	16	5 11/16		S310PY12409
12	3	3000	16	5 11/16		S310PY12509

95 Shore A

80 Shore A

*Roller (01) bearings available. To order change "09" to "01".
Example: S310PY10401.
80A Durometer available, add "80A" to end of caster number.
80A capacity reduced by approximately 20%.
Swivel example: S310PY06409S80A.
For 70D consult factory.

Thick Tread Polyurethane (09 Tapered Roller Bearing)*

PX	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Roller for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
6	3	2250	10 7/8	4 7/8		S310PX06509
8	3	2780	11 7/8	4 7/8		S310PX08509
10	2 1/2	2600	14	4 7/8		S310PX10409
10	3	3000	14	4 7/8		S310PX10509
12	3	3000	16	5 11/16		S310PX12509

Standard durometer 95 Shore A. Other durometers available.
*Roller (01) bearings available. To order change "09" to "01".
Example: S310PX10401.