

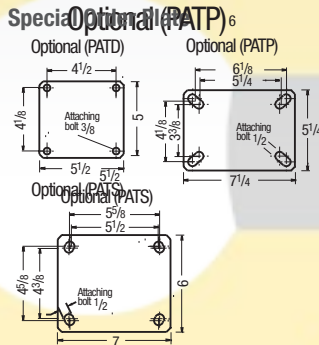
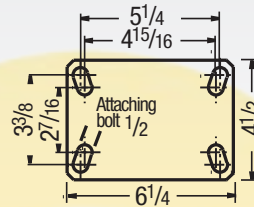
310

Made in the USA
Contender™
Kingpinless Casters
CAPACITY TO 4100



Constructed from high quality, heat treated AISI 1045 laser-cut steel. Precision machined raceway, fully welded legs (inside and outside), and kingpinless design delivers superior strength in rugged applications.

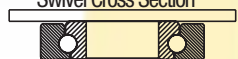
MOUNTING OPTIONS Standard Plate



TYPICAL APPLICATIONS

- Conveyor-drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs

SWIVEL CROSS SECTION



FEATURES

- **New laser cut steel construction**
- **3 Year warranty**
- **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 steel
- **Legs:** 3/8" thick welded inside and out
- **Axle:** 3/4" diameter
- **Finish:** RoHS Zinc plating, for greater corrosion resistance than paint
- Alternate or custom caster configurations available

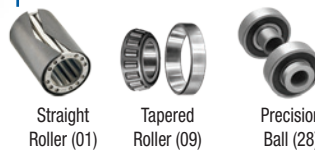
RIG OPTIONS

- **Optional Towable Swivel Leads:**
 6" dia. 2-7/32"
 8" dia. 2-15/16"
 10" dia. 3-3/8"
 12" dia. 4-5/16"
 Consult factory for capacity changes. To order add **XL** to end of model. Example: 310MR06401**SXL**
- **Optional Spring Loaded:** Greater capacity and better shock protection. Noise levels are reduced through the dampening effect of these casters. See pages 94-95

BRAKE OPTIONS

To order, add brake code below to end of model. Example: 310PY08401**SP**

BEARING OPTIONS



TOE GUARD

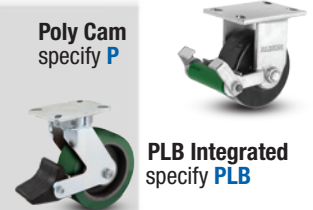
Specify **TOE** for caster integrated toe guard. Standard model toe guards are 1/2" from the floor.

STAINLESS STEEL OPTION

See page 84



Poly Cam specify **P**



PLB Integrated specify **PLB**

Single Side specify **SSB310**. **Double Sided** specify **DSB310**



Face Contact specify **FBB**



Hand Operated Swivel Lock specify **SL3000000**



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

	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
Moldon Rubber on Cast Iron (01 Roller Bearing)*						
MR/MH	6	2 1/2	700	7 1/2	1 3/8	310MR06401
	6	3	750	7 1/2	1 3/8	310MR06501
	8	2 1/2	850	10 1/8	2 1/16	310MR08401
	8	3	900	10 1/8	2 1/16	310MR08501
	10	2 1/2	950	11 1/2	2 1/4	310MR10401
	10	2 1/2**	1500	11 1/2	2 1/4	310MH10401
	10	3	1000	11 1/2	2 1/4	310MR10501
	10	3**	1800	11 1/2	2 1/4	310MH10501
	12	2 1/2	950	13 1/2	2 11/16	310MR12401
	12	2 1/2**	1700	13 1/2	2 11/16	310MH12401
	12	3	1200	13 1/2	2 11/16	310MR12501

*MR available with Tapered Roller (09) bearings. Change "01" to "09". Example: 310MR10409.
 **Heavy-duty MH version of wheel.

Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+	
Polyurethane on Cast Iron (01 Roller Bearing)*						
PY	6	2 1/2	1600	7 1/2	1 3/8	310PY06401
	6	3	2000	7 1/2	1 3/8	310PY06501
	8	2 1/2	2000	10 1/8	2 1/16	310PY08401
	8	3	2500	10 1/8	2 1/16	310PY08501
	10	2 1/2	2300	11 1/2	2 1/4	310PY10401
	10	3	3000	11 1/2	2 1/4	310PY10501
	12	2 1/2	2700	13 1/2	2 11/16	310PY12401
	12	3	3500	13 1/2	2 11/16	310PY12501

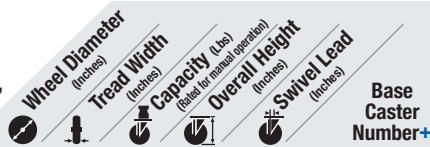
95 Shore A

PY 80A

80 Shore A

Prevenz™ antimicrobial models available. Add PREV to end of caster number.
 *Tapered Roller (09) bearings available. Change "01" to "09". Example: 310PY10409.
 80A Durometer available, add "80A" to end of caster number. 80A capacity reduced by approximately 20%. Swivel example: 310PY06401**S80A**.

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



Polyurethane on Aluminum (01 Roller Bearing)*

PD	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
8	2 1/2	2010	10 1/8	2 1/16	310PD08401	
8	3	2520	10 1/8	2 1/16	310PD08501	
10	2 1/2	2370	11 1/2	2 1/4	310PD10401	
10	3	3000	11 1/2	2 1/4	310PD10501	

Standard durometer 95 Shore A. Other durometers available.
*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 310PD10409.

Thick Tread Polyurethane (01 Roller Bearing)*

PX	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	3	2250	7 1/2	1 3/8	310PX06501	
8	3	2780	10 1/8	2 1/16	310PX08501	
10	2 1/2	2600	11 1/2	2 1/4	310PX10401	
10	3	3300	11 1/2	2 1/4	310PX10501	
12	3	3760	13 1/2	2 11/16	310PX12501	

Standard durometer 95 Shore A. Other durometers available.
*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 310PX10409.

Aubin Industries Swivel-EAZ® Crown Tread (28 Prec. Ball Bearing)

EY	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	3	2137	7 1/2	1 3/8	310EY06528	
8	3	3250	10 1/8	2 1/16	310EY08528	
10	3	3800	11 1/2	2 1/4	310EY10528	
12	3	4000	13 1/2	2 11/16	310EY12528	

Aubin Industries Swivel-EAZ® Flat Tread (28 Prec. Ball Bearing)

EZ	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	3	2850	7 1/2	1 3/8	310EZ06528	
8	3	4000	10 1/8	2 1/16	310EZ08528	
10	3	4100	11 1/2	2 1/4	310EZ10528	
12	3	4100	13 1/2	2 11/16	310EZ12528	

Polyurethane on Cast Iron (01 Roller Bearing)

PI	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	2 1/2	1600	7 1/2	1 3/8	310PI06401	
6	3	2000	7 1/2	1 3/8	310PI06501	
8	2 1/2	2000	10 1/8	2 1/16	310PI08401	
8	3	2500	10 1/8	2 1/16	310PI08501	
10	2 1/2	2200	11 1/2	2 1/4	310PI10401	
10	3	2800	11 1/2	2 1/4	310PI10501	
12	2 1/2	2500	13 1/2	2 11/16	310PI12401	
12	3	3000	13 1/2	2 11/16	310PI12501	

Polyurethane on Heavy Duty Cast Iron (28 Precision Ball Bearing)*

PF	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	2 1/2	2000	7 1/2	1 3/8	310PF06428	
8	2 1/2	3100	10 1/8	2 1/16	310PF08428	
8	3	4000	10 1/8	2 1/16	310PF08528	
10	3	4100	11 1/2	2 1/4	310PF10528	

95 Shore A
*Tapered Roller (09) bearings available. Change "28" to "09".
Example: 310PF10509.

Polyurethane Reactive on Iron (28 Precision Ball Bearing)*

PR	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
10	3	2400	11 1/2	2 1/4	310PR10528	
12	3	2800	13 1/2	2 11/16	310PR12528	

80 Shore A
*Tapered Roller (09) bearings available. Change "28" to "09".
Example: 310PR10509.

Vulkollan on Cast Iron (01 Roller Bearing)*

VY	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	2 1/2	2350	7 1/2	1 3/8	310VY06401	
6	3	3000	7 1/2	1 3/8	310VY06501	
8	2 1/2	2900	10 1/8	2 1/16	310VY08401	
8	3	4000	10 1/8	2 1/16	310VY08501	
10	3	4100	11 1/2	2 1/4	310VY10501	

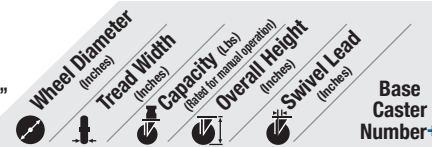
*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 310VY10509.

Vulkollan Thick Tread Polyurethane (01 Roller Bearing)*

VX	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	3	3000	7 1/2	1 3/8	310VX06501	
8	3	4000	10 1/8	2 1/16	310VX08501	
10	3	4100	11 1/2	2 1/4	310VX10501	

*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 310VX10509.

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



X-treme Plus Solid Polyurethane (28 Precision Ball Bearing)

XP	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
8	2 1/2	2000	10 1/8	2 1/16	310XP08428	
8	3	2000	10 1/8	2 1/16	310XP08528	
10	2 1/2	2500	11 1/2	2 1/4	310XP10428	
10	3	2500	11 1/2	2 1/4	310XP10528	

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

Phenolic (01 Roller Bearing)*

TM	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	2 1/2	1600	7 1/2	1 3/8	310TM06401	
6	3	2000	7 1/2	1 3/8	310TM06501	
8	2 1/2	2000	10 1/8	2 1/16	310TM08401	
8	3	2500	10 1/8	2 1/16	310TM08501	
10	2 1/2	2500	11 1/2	2 1/4	310TM10401	
10	3	2900	11 1/2	2 1/4	310TM10501	
12	2 1/2	3000	13 1/2	2 11/16	310TM12401	
12	3	3500	13 1/2	2 11/16	310TM12501	

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.
*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 310TM10409.

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

NX	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	2 1/2	4100	7 1/2	1 3/8	310NX06428	
6	3	4100	7 1/2	1 3/8	310NX06528	
8	2 1/2	4100	10 1/8	2 1/16	310NX08428	
8	3	4100	10 1/8	2 1/16	310NX08528	
10	2 1/2	4100	11 1/2	2 1/4	310NX10428	
10	3	4100	11 1/2	2 1/4	310NX10528	

Cast Iron (01 Roller Bearing)*

CA	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	2 1/2	2300	7 1/2	1 3/8	310CA06401	
6	3	2800	7 1/2	1 3/8	310CA06501	
8	2 1/2	2300	10 1/8	2 1/16	310CA08401	
8	3	2800	10 1/8	2 1/16	310CA08501	
10	2 1/2	2300	11 1/2	2 1/4	310CA10401	
10	3	2800	11 1/2	2 1/4	310CA10501	
12	3	2800	13 1/2	2 11/16	310CA12501	

*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 310CA10409.

V-Groove Cast Iron (01 Roller Bearing)*

VG/VF	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	2 1/2	2500	7 1/2	1 3/8	310VG06401	
8	2 1/2	2500	10 1/8	2 1/16	310VG08401	
8	3	2500	10 1/8	2 1/16	310VG08501	
10	3	3500	11 1/2	2 1/4	310VG10501	

V-Groove Drop Forged Steel (01 Roller Bearing)

	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
8	3	4100	10 1/8	2 1/16	310VF08501	

*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 310VF10409.

Drop Forged Steel (01 Roller Bearing)*

FS	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	2 1/2	4000	7 1/2	1 3/8	310FS06401	
8	2 1/2	4000	10 1/8	2 1/16	310FS08401	
8	3	4100	10 1/8	2 1/16	310FS08501	
10	3	4100	11 1/2	2 1/4	310FS10501	

*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 310FS10509.

Ductile Iron Crowned Tread (01 Roller Bearing)*

FR, FM, VM	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	2 1/2	3500	7 1/2	1 3/8	310FR06401	
6	3	4100	7 1/2	1 3/8	310FR06501	
8	3	4100	10 1/8	2 1/16	310FR08501	
10	3	4100	11 1/2	2 1/4	310FR10501	

*Tapered Roller (09) bearings available.
Change "01" to other bearing code. Example: 310FR08509.
Ductile Iron Flat Tread (FM) and V-Groove (VM) models available.
Change FR wheel code to FM or VM. Example: 310FM08501.