



## APPLICATIONS

*AGV Vehicles*

*Tool Carts*

*Ground Support Equipment*

*Storage Racks*

*Low Profile Carts*

*Platforms*

*Custom Material Handling*

*Towable Transportation Equipment*

*Workstations/Packaging*

## 2,000 LBS. LOAD CAPACITY KINGPINLESS TYPE CASTERS

- **Raceway Design:** Patented Kingpinless single ball bearing precision machined raceway hardened to 53 Rockwell C minimum. Swivel section features a 3" diameter raceway with 1/2" ball bearings. The notched yoke is standard.
- **Finish:** Bright Zinc Plated.
- **Yoke Base:** Notched 316 stainless steel.
- **Legs:** 5/16" formed steel. Center leg support is added for increased strength.
- **Wheels:** All wheels are 2" wide with 3/4" I.D. roller bearings that are prelubricated and rotate on individual spanner bushings or annular ball bearings for ease of rollability.
- **Axle:** 1/2" bolt, locking nut and lubrication fittings.
- Alternate or custom caster configurations available.

### **MOUNTING PLATE OPTIONS**

#### TOP PLATE: (STANDARD)

**Plate Size:** 4-1/2" x 6-1/4"

**Bolt Holes:** 2-7/16" x 4-15/16"  
slotted to  
3-3/8" x 5-1/4"

**Bolt Size:** 1/2"

### RIG OPTIONS

**PLB** Integrated Brake  
**L** Hand Operated Swivel Lock  
**TOE** Toe Guard available

To order a rigid caster, change the "S" to "R" in the model number. Dimensions shown are nominal. If precise dimensions are required, consult Acorn™. For approximate weight of our rigid casters, deduct 3.9 pounds.

### BEARING OPTIONS

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

### **Also Available:**

**315 Series Kingpinless Dual Wheel Casters capacity 4,100 lbs.**

**415 Series Kingpinless Dual Wheel Casters capacity 5,400 lbs.**

**615 Series Kingpinless Dual Wheel Casters capacity 12,000 lbs.**

**Call Acorn for specifications.**

NYLACRON™, AND VULKOLLAN™ WHEELS WITH PRECISION BALL BEARINGS AVAILABLE TO FIT THIS CASTER SERIES.  
SIZES 5 X 2, 6 X 2, & 8 X 2.

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

Wheel Type (Wheel Code)	Diameter (inch)	Width (inch)	Capacity (lbs.)	OAH (inch)	Swivel Lead (inch)	Part Number w/Precision Ball Bearings
Mold-on Rubber/Iron	4	2	600	5-7/8	1.188	115MR04228
Mold-on Rubber/Aluminum	4	2	600	5-7/8	1.188	115MD04228
Cast Iron	4	2	1000	5-7/8	1.188	115CAD04228
Phenolic	4	2	1600	5-7/8	1.188	115TM04228
Polyurethane/Aluminum	4	2	2000	5-7/8	1.188	115PD04228
Nylacron™	4	2	2000	5-7/8	1.188	115NY04228
Vulkollan™	4	2	2000	5-7/8	1.188	115VY04228
Mold-on Rubber/Iron	5	2	900	6-3/4	1.375	115MR05228
Mold-on Rubber/Aluminum	5	2	900	6-3/4	1.375	115MD05228
Cast Iron	5	2	2000	6-3/4	1.375	115CAD05228
Phenolic	5	2	2000	6-3/4	1.375	115TM05228
Polyurethane/Aluminum	5	2	2000	6-3/4	1.375	115PD05228
Nylacron™	5	2	2000	6-3/4	1.375	115NY05228
Vulkollan™	5	2	2000	6-3/4	1.375	115VY05228
Mold-on Rubber/Iron	6	2	1000	7-3/4	1.563	115MR06228
Mold-on Rubber/Aluminum	6	2	1000	7-3/4	1.563	115MD06228
Cast Iron	6	2	2000	7-3/4	1.563	115CAD06228
Phenolic	6	2	2000	7-3/4	1.563	115TM06228
Polyurethane/Aluminum	6	2	2000	7-3/4	1.563	115PD06228
Nylacron™	6	2	2000	7-3/4	1.563	115NY06228
Vulkollan™	6	2	2000	7-3/4	1.563	115VY06228
Mold-on Rubber/Iron	8	2	1200	10-1/8	2.250	115MR08228
Mold-on Rubber/Aluminum	8	2	1200	10-1/8	2.250	115MD08228
Cast Iron	8	2	2000	10-1/8	2.250	115CAD08228
Phenolic	8	2	2000	10-1/8	2.250	115TM08228
Polyurethane/Aluminum	8	2	2000	10-1/8	2.250	115PD08228
Nylacron™	8	2	2000	10-1/8	2.250	115NY08228
Vulkollan™	8	2	2000	10-1/8	2.250	115VY08228

\*Precision Ball Bearing Wheels are Standard, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing

Dimensions shown are nominal. If precise dimensions are required, consult Acorn™. Additional wheels available.