



APPLICATIONS

AGV Vehicles

Tool Carts

Ground Support Equipment

Storage Racks

Low Profile Carts

Platforms

Custom Material Handling

Towable Transportation Equipment

Workstations/Packaging

5,400 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: 5-1/4" x 7-1/4"

Bolt Holes: 6-1/8" x 4-1/8"
slotted to
5-1/4" x 3-3/8"

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)**

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
Phenolic	6	3	4000	8	2.25	415TM06328
Polyurethane/Iron (Green)	6	3	4080	8	2.25	415PY06328
Cast Iron	6	3	5400	8	2.25	415CA06328
Nylacron™	6	3	5400	8	2.25	415NY06328
Vulkollan™	6	3	5400	8	2.25	415VY06328
Phenolic	8	3	5000	10-1/2	2.75	415TM08328
Polyurethane/Iron (Green)	8	3	5040	10-1/2	2.75	415PY08328
Cast Iron	8	3	5400	10-1/2	2.75	415CA08328
Nylacron™	8	3	5400	10-1/2	2.75	415NY08328
Vulkollan™	8	3	5400	10-1/2	2.75	415VY08328
Phenolic	10	3	5400	12-1/2	3.38	415TM10328
Polyurethane/Iron (Green)	10	3	5400	12-1/2	3.38	415PY10328
Cast Iron	10	3	5400	12-1/2	3.38	415CA10328
Nylacron™	10	3	5400	12-1/2	3.38	415NY10328
Vulkollan™	10	3	5400	12-1/2	3.38	415VY10328
Phenolic	12	3	5400	15-1/2	4.13	415TM12528
Polyurethane/Iron (Green)	12	3	5400	15-1/2	4.13	415PY12528
Cast Iron	12	3	5400	15-1/2	4.13	415CA12528
Nylacron™	12	3	5400	15-1/2	4.13	415NY12528
Vulkollan™	12	3	5400	15-1/2	4.13	415VY12528

*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.