

# 9 850 DUAL WHEEL KINGPINLESS CASTERS



## 20,000 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:** Laguna Blue paint.
- **Yoke Base:** Harden C1040 steel.
- **Legs:** 3/8" formed steel. Center leg support is added for increased strength.
- **Wheels:** All wheels are 3 and 4" wide with precision bearings for minimal maintenance.
- **Axle:** 3/4" and 1" bolt, locking nut and lubrication fittings.
- Alternate or custom caster configurations available.

### BRAKE OPTIONS

**CWB** Cam Wheel Brake

### SWIVEL RIG OPTIONS

**HT** High Temperature Lubrication

**LT** Low Temperature Lubrication

**DSL** Demountable Swivel Lock

**SL** Swivel Lock

**SR** Sealed Swivel Raceway

**TG** Thread Guard

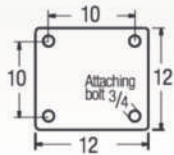
### TYPICAL APPLICATIONS

- Custom applications
- Towable transportation equipment
- Aircraft wing jack and dollies
- Aircraft assembly fixtures
- Aircraft work platform stands

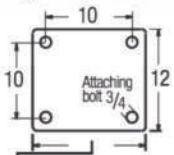
To order a rigid caster, change the "S" to "R" in the model number. Dimensions shown are nominal. If precise dimensions are required, consult Acorn™. For approximate weight of our rigid casters, deduct 3.9 pounds.

#### MOUNTING OPTION

##### Swivel Top Plate



##### Rigid Top Plate



- 10" for 3" Wide Wheels
- 15-3/8" for 4 to 5" Wide Wheels
- 17-1/4" for 6" Wide Wheels
- 23-1/4" for 9" Wide Wheels

#### SWIVEL CROSS SECTION



#### TOP PLATE: (STANDARD)

**Plate Size:** 6-1/4" x 7-1/2"

**Bolt Holes:** 4-1/2" x 6"  
slotted to  
4-1/8" x 6-1/8"

**Bolt Size:** 1/2"

**NYLACRON™ WHEELS  
PRECISION BALL BEARINGS  
NY/MD**

- Precision Machined from Cast Polyamide. Hardness 112-120 Rockwell R.
- Ultimate choice for Extremely High Load applications to replace metallic wheels.
- Offer very high abrasion resistance and very low rolling resistance under extreme loads.
- Resistant to salt, grease, alcohol and mild acids - can be used in corrosive applications with appropriate bearings.
- Large Precision Ball Bearings.
- Temperature Range: -40°F to +270°F.



Part Number Swivel Caster	Part Number Rigid Caster	Wheel Diameter (inch)	Tread Width (inch)	Load Capacity (lbs)	Overall Height (inch)	Swivel Part Number Add B, P, PL, R or T*	
						Swivel Lead (inch)	Wt. (lbs)
850S63NYMD	850R63NYMD	6	3	20,000	8-3/4	1-9/16	32
850S83NYMD	850R83NYMD	8	3	20,000	10-3/4	2-1/16	35
850S1030NYMD	850R1030NYMD	10	3	20,000	12-3/4	2-9/16	40
850S1230NYMD	850R1230NYMD	12	3	20,000	15-1/2	3-7/16	42
850S84NYMD	850R84NYMD	8	4	20,000	10-3/4	2-1/16	42
850S1040NYMD	850R1040NYMD	10	4	20,000	12-3/4	2-9/16	44
850S1020NYMD	850R1020NYMD	12	4	20,000	15-1/2	3-7/16	52



### Nylacron™ Wheels

With Precision Ball Bearings for Any Application  
(also available in black, blue, white & red)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

**SEE NYLACRON™ WHEEL SECTION  
FOR CUSTOM SIZES & SHAPES.**