

850

Shockmaster™ Kingpinless Casters



FEATURES

- **Top Plate:** 3/4" thick AISI 1045 steel one-piece forging precision machined and through-hardened for long life
- **Yoke Base:** AISI 1045 steel forging welded using 100,000 psi weld filler to 3/4" thick adapter plate
- **Swivel Section:** 7/8" ball bearings mounted in a 7" diameter precision machined raceway. Zerk in swivel section.
- **Legs:** 3/4" thick through-hardened steel welded to yoke base using 100,000 psi weld filler
- **Axle:** 1-1/4" diameter
- Alternate or custom caster configurations available

BEARING OPTIONS



Straight Roller (01) Tapered Roller (09)

RIG OPTIONS

- Notched yoke base for swivel locks specify **NY850**
- Spring-loaded models available, consult factory. Single models available also.

BRAKE OPTIONS

Face Contact
specify **F**



Hand Operated Detachable Swivel Lock

specify **L**



Hand Operated Swivel Lock

specify **SL8000000**



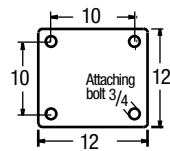
This dual wheel caster has been designed with features tailored to meet the varied needs of the aviation ground support equipment industry. Equally at home in other extremely abusive and rugged applications.

TYPICAL APPLICATIONS

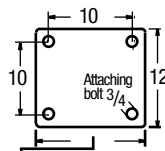
- Custom applications
- Towable transportation equipment
- Aircraft wing jacks and dollies
- Aircraft assembly fixtures
- Aircraft work platform stands

MOUNTING PLATE

Swivel Top Plate



Rigid Top Plate



Swivel Cross Section



- 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

30,000 lbs Capacity!

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) <small>(Rate for normal operation)</small>	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Wheel Type	Caster Number
6	3	30000	11	3 1/4		HD Drop Forged	850FH06509
10	4	30000	14 3/4	3 1/4		HD Drop Forged	850FH10709
12	4	3200	15 3/4	3 1/4		Moldon Rubber/Iron Core	850MR12701
12	4	9600	15 3/4	3 1/4		Polyurethane/Iron Core	850PY12701
12	4	9600	15 3/4	3 1/4		Thick Tread Polyurethane	850PX12701
12	4 1/2	6600	15 3/4	3 1/4		Press-on Polyurethane	8500G12709
12	5	12000	15 3/4	3 1/4		Thick Tread Polyurethane	850PX12801
12	6	15000	15 3/4	3 1/4		Polyurethane/Aluminum	850PA12909
16	4	3980	19 3/4	4 1/2		Moldon Rubber/Iron Core	850MR16701
16	4	11940	19 3/4	4 1/2		Polyurethane/Iron Core	850PY16701
16	4	11940	19 3/4	4 1/2		Thick Tread Polyurethane	850PX16701
16	5	5140	19 3/4	4 1/2		Moldon Rubber/Iron Core	850MR16801
16	5	15400	19 3/4	4 1/2		Polyurethane/Iron Core	850PY16801
16	5	15400	19 3/4	4 1/2		Thick Tread Polyurethane	850PX16801
18	5	5600	22	5 1/4		Moldon Rubber/Iron Core	850MR18801
18	5	16800	22	5 1/4		Polyurethane/Iron Core	850PY18801
18	5	21800	22	4 1/2		Press-on Polyurethane	8500G18809
18	9	20000	22	4 1/2		Press-on Polyurethane	8500G18909

