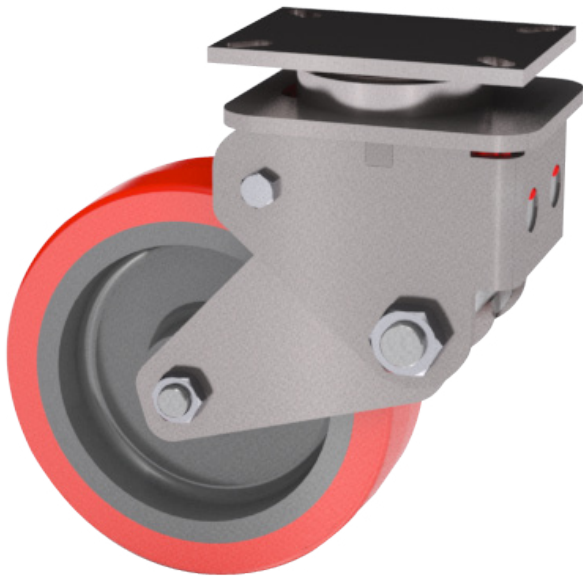




SHOCK ABSORBING SERIES

20,000 LBS maximum capacity

SHOCK ABSORBING SERIES



Item Shown: 73-10302-66-1N

FEATURES

Our popular shock absorbing casters have swivel sections that are constructed of high alloy steel and are precision machined for close tolerances and long life. These casters feature legs of thick section plate steel. Integrally forged kingpins are available from 3/4" to 1-1/4" in diameter. In normal configurations, these swivel sections will carry 3 to 4 times their listed capacity.

BENEFITS

The high strength chrome vanadium springs provide longer life through constant flexing and compressing. The spring compression starts with as little as 25 pounds loading per caster resulting in cushioned loads and quiet empty returns. The long swivel lead reduces excessive shimmy and vibration while towing.

APPLICATIONS

Shock absorbing casters are ideal for jet engine dollies, aircraft jacks, in-plant trailers, trash gondolas, lift truck stabilizer casters, revolving signs and parade floats.

OPTIONS

Brakes:

Poly Lock: P
Face Contact: F

Swivel Locks:

Factory Installed: L
Demountable: DL

Top Plate Size	Bolt Hole Spacing	Bolt Diameter
Std. 53: 4.0 x 5.0	2.625 x 3.625 Slotted to 3.0 x 3.0	0.375
Std. 63/67: 4.5 x 6.25	2.438 x 4.938 Slotted to 3.375 x 5.25	0.5
Std. 73: 5.0 x 7.25	3.375 x 5.25 Slotted to 4.125 x 6.125	0.5
Std. 83: 6.0 x 7.5	4.5 x 6.0	0.5
Std. 93: 8.5 x 8.5	7.0 x 7.0	0.625

CASTERS



SHOCK ABSORBING 20,000 LBS

WHEEL			CAPACITY				PART NUMBER				
Dia.	Width	Material	Roller	Tapered	OAH	Swivel Lead	Straight Roller	Precision Tapered	Series	Swivel Radius	Wt.
4	2.00	Standard Polyurethane	500		7.31	1.75	53-04201-60-1		50	3.88	13.00
4	2.00	Mold On Rubber	400		7.31	1.75	53-04201-71-1		50	3.88	13.00
4	2.00	Phenolic Resin	500		7.31	1.75	53-04201-30-1		50	3.88	12.00
5	2.00	Standard Polyurethane	500		7.81	1.75	53-05201-60-1		50	4.37	13.00
5	2.00	Mold On Rubber	400		7.81	1.75	53-05201-71-1		50	4.37	13.00
5	2.00	Phenolic Resin	500		7.81	1.75	53-05201-30-1		50	4.37	12.00
6	2.00	Standard Polyurethane	500		9.25	2.25	53-06201-60-1		50	5.34	15.00
6	2.00	Mold On Rubber	425		9.25	2.25	53-06201-71-1		50	5.34	15.00
6	2.00	Phenolic Resin	500		9.25	2.25	53-06201-30-1		50	5.34	13.00
8	2.00	Standard Polyurethane	500		11.63	3.25	53-08201-60-1		50	7.32	16.00
8	2.00	Mold On Rubber	500		11.63	3.25	53-08201-71-1		50	7.32	16.00
8	2.00	Phenolic Resin	500		11.63	3.25	53-08201-30-1		50	7.32	13.00
5	2.00	Standard Polyurethane	400		7.50	2.75	63-05201-60-1		60	5.34	13.00
5	2.00	Mold On Rubber	400		7.50	2.75	63-05201-71-1		60	5.34	13.00
5	2.00	Phenolic Resin	400		7.50	2.75	63-05201-30-1		60	5.34	11.00
6	2.00	Standard Polyurethane	500		8.50	2.38	63-06201-60-1		60	5.47	15.00
6	2.00	Mold On Rubber	500		8.50	2.38	63-06201-71-1		60	5.47	15.00
6	2.00	Phenolic Resin	500		8.50	2.38	63-06201-30-1		60	5.47	13.00
8	2.00	Standard Polyurethane	500		10.50	3.50	63-08201-60-1		60	7.57	16.00
8	2.00	Mold On Rubber	410		10.50	3.50	63-08201-71-1		60	7.57	16.00
8	2.00	Phenolic Resin	500		10.50	3.50	63-08201-30-1		60	7.57	13.00
6	2.50	Standard Polyurethane	800	800	9.50	3.63	67-06255-60-1	67-06257-60-1	65	6.74	27.00
6	2.50	Mold On Rubber	670	670	9.50	3.63	67-06255-70-1	67-06257-70-1	65	6.74	26.00
6	2.50	Phenolic Resin	800	800	9.50	3.63	67-06255-30-1	67-06257-30-1	65	6.74	18.00
8	2.50	Standard Polyurethane	800	800	11.50	4.00	67-08255-60-1	67-08257-60-1	65	8.10	25.00
8	2.50	Mold On Rubber	670	670	11.50	4.00	67-08255-70-1	67-08257-70-1	65	8.10	25.00
8	2.50	Phenolic Resin	800	800	11.50	4.00	67-08255-30-1	67-08257-30-1	65	8.10	20.00
10	2.50	Standard Polyurethane	800	800	14.00	5.50	67-10255-60-1	67-10257-60-1	65	10.57	32.00
10	2.50	Mold On Rubber	800	800	14.00	5.50	67-10255-70-1	67-10257-70-1	65	10.57	27.00
10	2.50	Phenolic Resin	800	800	14.00	5.50	67-10255-30-1	67-10257-30-1	65	10.57	22.00
6	3.00	Standard Polyurethane	1,100	1,100	10.00	4.00	73-06301-60-1	73-06309-60-1	71	7.16	35.00
6	3.00	Mold On Rubber	700	700	10.00	4.00	73-06301-70-1	73-06309-70-1	71	7.16	34.00
6	3.00	Phenolic Resin	1,100	1,100	10.00	4.00	73-06301-30-1	73-06309-30-1	71	7.16	28.00
8	3.00	Standard Polyurethane	1,100	1,100	12.00	4.00	73-08301-60-1	73-08309-60-1	71	8.14	38.00
8	3.00	Mold On Rubber	850	850	12.00	4.00	73-08301-70-1	73-08309-70-1	71	8.14	38.00
8	3.00	H.D. T/R Polyurethane	1,100	1,100	12.00	4.00	73-08301-66-1	73-08309-66-1	71	8.14	32.00
10	3.00	Standard Polyurethane	1,100	1,100	13.50	4.50	73-10301-60-1	73-10309-60-1	71	9.62	45.00
10	3.00	Mold On Rubber	1,100	1,100	13.50	4.50	73-10301-70-1	73-10309-70-1	71	9.62	42.00
10	3.00	H.D. T/R Polyurethane	1,100	1,100	13.50	4.50	73-10301-66-1	73-10309-66-1	71	9.62	38.00

SHOCK ABSORBING 20,000 LBS



SHOCK ABSORBING SERIES

CASTERS

WHEEL			CAPACITY				PART NUMBER				
Dia.	Width	Material	Roller	Tapered	OAH	Swivel Lead	Straight Roller	Precision Tapered	Series	Swivel Radius	Wt.
8	3.00	Standard Polyurethane	1,700	1,700	12.00	4.00	<u>83-08301-60-1</u>	83-08309-60-1	80	8.14	58.00
8	3.00	Mold On Rubber	825	825	12.00	4.00	<u>83-08301-70-1</u>	83-08309-70-1	80	8.14	58.00
8	3.00	H.D. T/R Polyurethane	1,700	1,700	12.00	4.00	<u>83-08301-66-1</u>	83-08309-66-1	80	8.14	48.00
10	3.00	Standard Polyurethane	1,700	1,700	14.50	4.50	<u>83-10301-60-1</u>	83-10309-60-1	80	9.62	65.00
10	3.00	Mold On Rubber	1,000	1,000	14.50	4.50	<u>83-10301-70-1</u>	83-10309-70-1	80	9.62	55.00
10	3.00	H.D. T/R Polyurethane	1,700	1,700	14.50	4.50	<u>83-10301-66-1</u>	83-10309-66-1	80	9.62	50.00
12	3.00	Standard Polyurethane	1,500	1,500	17.00	5.50	<u>83-12301-60-1</u>	83-12309-60-1	80	11.60	65.00
12	3.00	Mold On Rubber	1,150	1,150	17.00	5.50	<u>83-12301-70-1</u>	83-12309-70-1	80	11.60	62.00
12	3.00	Phenolic Resin	1,500	1,500	17.00	5.50	<u>83-12301-30-1</u>	83-12309-30-1	80	11.60	64.00
10	4.00	Standard Polyurethane	4,000	4,000	16.25	3.50		93-10409-60-1	91	8.73	100.00
10	4.00	Forged Steel	4,000	4,000	16.25	3.50		93-10409-20-1	91	8.73	110.00
10	5.00	H.D. Standard Polyurethane	4,000	4,000	16.25	3.50		93-10509-65-1	91	8.86	110.00
Super Duty Shock Absorbing Dual Wheel Casters											
10	5.00	H.D. Standard Polyurethane		8,000	16.25	3.50		2-93-10509-65-1	91		250.00
18	5.00	H.D. Standard Polyurethane		20,000	25.50	4.50		103-18509-65-1	91		400.00

Capacity listed is for manual operation. For powered operations, consult factory.
 Part Numbers listed are for the swivel casters. For rigid casters, change the last digit from 1 to 2 (i.e. 83-12309-30-2)
 Estimated weight is for swivel caster. Deduct 20 percent for rigid casters.
 All dimensions are in inches. All weights are in pounds.
 # Swivel radius for unloaded casters.

