



# VERTICAL MOUNTED SPRING CASTERS **3,800** maximum capacity LBS

## FEATURES

Vertical mounted spring (VMS) casters offer the highest flexibility in design. Each caster features springs that are retained on threaded rod ends for pre-load capabilities. Pre-loading the caster causes the caster to stand strong to a predetermined load before any deflection.

The VMS caster can be built with standard components and varying capacities by simply changing out the springs.



94-10409-60-1 shown

## OPTIONS

Available with dual wheels and pneumatic tires.

Swivel locks and face contact brakes are available, consult factory.

## APPLICATIONS

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

WHEEL		CAPACITY				PART NUMBER			
Dia.	Width	Material	Roller Bearing	OAH	Swivel Lead	Straight Roller	Precision Tapered	Series	Wt.
6	2.00	Polyurethane	500	8.50	2.30	34-06201-60-1		30	14.0
6	2.00	Phenolic Resin	500	8.50	2.30	34-06201-30-1		30	9.5
6	2.00	Mold on Rubber	425	8.50	2.30	34-06201-70-1		30	9.0
6	2.00	T/R Compound	500	8.50	2.30	34-06201-61-1		30	14.0
8	2.00	Polyurethane	500	9.75	1.75	34-08201-60-1		30	16.0
8	2.00	Phenolic Resin	500	9.75	1.75	34-08201-30-1		30	11.0
8	2.00	Mold On Rubber	425	9.75	1.75	34-08201-70-1		30	11.0
8	2.00	T/R Compound	500	9.75	1.75	34-08201-61-1		30	16.0
6	2.00	Polyurethane	500	8.50	1.75	54-06201-60-1		50	16.0
6	2.00	Phenolic Resin	500	8.50	1.75	54-06201-30-1		50	12.0
6	2.00	Mold on Rubber	425	8.50	1.75	54-06201-70-1		50	11.5
6	2.00	T/R Compound	500	8.50	1.75	54-06201-61-1		50	16.0
8	2.00	Polyurethane	500	10.50	1.75	54-08201-60-1		50	18.0
8	2.00	Phenolic Resin	500	10.50	1.75	54-08201-30-1		50	13.0
8	2.00	Mold on Rubber	425	10.50	1.75	54-08201-70-1		50	13.0
8	2.00	T/R Compound	500	10.50	1.75	54-08201-61-1		50	18.0
8	2.50	Polyurethane	800	11.50	2.25	64-08255-60-1		60	23.0
8	2.50	Phenolic Resin	800	11.50	2.25	64-08255-30-1		60	20.0
8	2.50	Mold on Rubber	700	11.50	2.25	64-08255-70-1		60	25.0
8	2.50	T/R Compound	800	11.50	2.25	64-08255-61-1		60	23.0
10	2.50	Polyurethane	800	13.50	2.25	64-10255-60-1		60	32.0
10	2.50	Phenolic Resin	800	13.50	2.25	64-10255-30-1		60	22.0
10	2.50	Mold on Rubber	700	13.50	2.25	64-10255-70-1		60	32.0
10	2.50	T/R Compound	800	13.50	2.25	64-10255-61-1		60	32.0






**CASTER CONCEPTS**

# VERTICAL MOUNTED SPRING CASTERS **3,800** maximum capacity LBS

VERTICAL MOUNTED SPRING CASTERS 3,800 lbs maximum capacity

WHEEL		CAPACITY			PART NUMBER				
Dia.	Width	Material	Roller Bearing	OAH	Swivel Lead	Straight Roller	Precision Tapered	Series	Wt.
8	3.00	Polyurethane	1,500	11.50	3.00	74-08301-60-1	74-08309-60-1	70	44.0
8	3.00	Phenolic Resin	1,500	11.50	3.00	74-08301-30-1	74-08309-30-1	70	35.0
8	3.00	Mold on Rubber	850	11.50	3.00	74-08301-70-1	74-08309-70-1	70	45.0
8	3.00	T/R Compound	1,500	11.50	3.00	74-08301-66-1	74-08309-66-1	70	45.0
10	3.00	Polyurethane	1,500	13.50	3.00	74-10301-60-1	74-10309-60-1	70	49.0
10	3.00	Phenolic Resin	1,500	13.50	3.00	74-10301-30-1	74-10309-30-1	70	39.0
10	3.00	Mold On Rubber	1,000	13.50	3.00	74-10301-70-1	74-10309-70-1	70	49.0
10	3.00	T/R Compound	1,500	13.50	3.00	74-10301-66-1	74-10309-66-1	70	49.0
12	3.00	Polyurethane	1,500	15.50	3.00	74-12301-60-1	74-12309-60-1	70	58.0
12	3.00	Phenolic Resin	1,500	15.50	3.00	74-12301-30-1	74-12309-30-1	70	43.0
12	3.00	Mold on Rubber	1,000	15.50	3.00	74-12301-70-1	74-12309-70-1	70	52.0
12	3.00	T/R Compound	1,500	15.50	3.00	74-12301-66-1	74-12309-66-1	70	62.0
8	3.00	Polyurethane	2,500	11.50	3.00	84-08301-60-1	84-08309-60-1	80	50.0
8	3.00	Phenolic Resin	2,500	11.50	3.00	84-08301-30-1	84-08309-30-1	80	42.0
8	3.00	Mold on Rubber	850	11.50	3.00	84-08301-70-1	84-08309-70-1	80	47.0
8	3.00	T/R Compound	2,500	11.50	3.00	84-08301-66-1	84-08309-66-1	80	55.0
10	3.00	Polyurethane	2,500	13.50	4.00	84-10301-60-1	84-10309-60-1	80	59.0
10	3.00	Phenolic Resin	2,500	13.50	4.00	84-10301-30-1	84-10309-30-1	80	46.0
10	3.00	Mold on Rubber	1,000	13.50	4.00	84-10301-70-1	84-10309-70-1	80	60.0
12	3.00	Polyurethane	2,500	15.50	4.00	84-12301-60-1	84-12309-60-1	80	67.0
12	3.00	Phenolic Resin	2,500	15.50	4.00	84-12301-30-1	84-12309-30-1	80	56.0
12	3.00	Mold on Rubber	1,150	15.50	4.00	84-12301-70-1	84-12309-70-1	80	65.0
12	3.00	T/R Compound	2,500	15.50	4.00	84-12301-66-1	84-12309-66-1	80	70.0
10	4.00	Polyurethane	3,800	13.50	4.00	94-10401-60-1	94-10409-60-1	90	70.0
10	4.00	Mold on Rubber	1,500	13.50	4.00	94-10401-70-1	94-10409-70-1	90	77.0
10	4.00	HD Polyurethane	3,800	13.50	4.00	94-10401-65-1	94-10409-65-1	90	79.0
12	4.00	Polyurethane	3,800	15.50	4.00	94-12401-65-1	94-12409-65-1	90	86.0
12	4.00	Mold on Rubber	1,600	15.50	4.00	94-12401-70-1	94-12409-70-1	90	86.0
12	4.00	T/R Compound	3,800	15.50	4.00	94-12401-66-1	94-12409-66-1	90	86.0

All dimensions are in inches. All weights are in pounds.

			
	Top Plate Size	Bolt Hole Spacing	Bolt Diameter
STD 34	4.0 x 4.5	2.625 x 3.625	0.375
STD 54	4.0 x 5.0	2.625 x 3.625 Slotted to 3.0 x 3.0	0.375
STD 64	4.5 x 6.25	2.438 x 4.938 Slotted to 3.375 x 5.25	0.5
STD 74	5.25 x 7.25	3.375 x 5.25 Slotted to 4.125 x 6.125	0.5
STD 84	6.0 x 7.5	4.5 x 6.0	0.5
STD 94	8.5 x 8.5	7.0 x 7.0	0.625

**CASTER CONCEPTS WILL MODIFY ANY CASTER TO MEET CUSTOMER SPECIFICATIONS**

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