



MONSOON KINGPINFREE™

SERIES 10,000 LBS

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FEATURES

KINGPIN: Kingpinfree
MATERIAL: SAE 1045 hot forged
RACEWAY: 4 1/8" diameter raceway; 5/8" diameter steel carbon balls
BUSHING: Roller bearings with drilled hardened steel spanner bushing and steel side washers

AXLE&NUT: 1" axle and lock nut
FINISH: Corrosion resistant black
HARDENED: Raceway
LEGS: Continuously welded for added strength
LEG SPACING: 3 1/2", 4 1/2"



EXCELLENT FOR:

- Abusive conditions
- Tow lines
- Heavy service equipment
- Aircraft engine stands
- Ground support equipment
- Portable dollies
- Die & Tooling fixtures



OPTIONS:

- TSB Thumb Screw Brake
- UWB Universal Wheel Brake
- 4PSL 4 Position Swivel Lock
- RB Roller Bearing
- TB Tapered Bearing

FINISHES:

- Black
- Blue



WHEEL		CASTER				PART NUMBER								
Diameter	Tread Width	Capacity Lbs.	Bearing Type	Swivel Radius	Overall Height	Wheel Type	Swivel	Caster Weight (lbs)	Rigid	Caster Weight (lbs)				
6"	3"	750	Roller	5 1/2"	8 1/2"	Moldon Rubber	SMO63-***-MRR-RB	33.31	RMO63-***-MRR-RB	25.77				
		750	Tapered			Moldon Rubber - TB	SMO63-***-MRR-TB	32.89	RMO63-***-MRR-TB	25.35				
		2,000	Roller			Moldon Urethane	SMO63-***-URR-RB	33.31	RMO63-***-URR-RB	25.77				
		2,000	Tapered			Moldon Urethane - TB	SMO63-***-URR-TB	32.89	RMO63-***-URR-TB	25.35				
		2,400	Roller			HD Moldon Urethane	SMO63-***-URH-RB	33.31	RMO63-***-URH-RB	25.77				
		2,400	Tapered			HD Moldon Urethane - TB	SMO63-***-URH-TB	32.90	RMO63-***-URH-TB	25.36				
		2,500	Roller			Solid Steel	SMO63-***-SSR-RB	35.81	RMO63-***-SSR-RB	28.27				
		2,500	Tapered			Solid Steel - TB	SMO63-***-SSR-TB	35.39	RMO63-***-SSR-TB	27.85				
		6,000	Roller			Forged Steel	SMO63-***-FSR-RB	43.81	RMO63-***-FSR-RB	36.27				
		6,000	Roller			Forged V Groove	SMO63-***-VGFs-RB	43.81	RMO63-***-VGFs-RB	36.27				
		10,000	Tapered			Forged Steel - TB	SMO63-***-FSR-TB	43.40	RMO63-***-FSR-TB	35.86				
		10,000	Tapered			Forged V Groove - TB	SMO63-***-VGFs-TB	43.39	RMO63-***-VGFs-TB	35.85				
		6"	4"			3,000	Roller	5 1/2"	8 1/2"	Moldon Urethane	SMO64-***-URR-RB	41.20	RMO64-***-URR-RB	33.66
						3,000	Tapered			Moldon Urethane - TB	SMO64-***-URR-TB	40.64	RMO64-***-URR-TB	33.10
3,600	Roller			HD Moldon Urethane	SMO64-***-URH-RB	41.20	RMO64-***-URH-RB			33.66				
3,600	Tapered			HD Moldon Urethane - TB	SMO64-***-URH-TB	40.64	RMO64-***-URH-TB			33.10				
8"	3"			900	Roller	6 1/2"	10 1/2"			Moldon Rubber	SMO83-***-MRR-RB	37.17	RMO83-***-MRR-RB	29.77
				900	Tapered					Moldon Rubber - TB	SMO83-***-MRR-TB	36.75	RMO83-***-MRR-TB	29.35
		3,100	Roller	Moldon Urethane	SMO83-***-URR-RB			41.67	RMO83-***-URR-RB	34.27				
		3,100	Tapered	Moldon Urethane - TB	SMO83-***-URR-TB			41.25	RMO83-***-URR-TB	33.85				
		3,500	Roller	Solid Steel	SMO83-***-SSR-RB			39.67	RMO83-***-SSR-RB	32.27				
		3,700	Roller	HD Moldon Urethane	SMO83-***-URH-RB			41.67	RMO83-***-URH-RB	34.27				
		3,700	Tapered	HD Moldon Urethane - TB	SMO83-***-URH-TB			41.25	RMO83-***-URH-TB	33.85				
		4,500	Roller	Forged Steel	SMO83-***-FSR-RB			43.17	RMO83-***-FSR-RB	35.77				
		4,500	Tapered	Solid Steel - TB	SMO83-***-SSR-TB			49.25	RMO83-***-SSR-TB	41.85				
		4,500	Roller	V Groove	SMO83-***-VGR-RB			48.67	RMO83-***-VGR-RB	41.27				
		4,500	Tapered	V Groove - TB	SMO83-***-VGR-TB			48.25	RMO83-***-VGR-TB	40.85				
		5,000	Roller	Forged V Groove	SMO83-***-VGFs-RB			48.67	RMO83-***-VGFs-RB	41.27				
5,000	Tapered	Forged V Groove - TB	SMO83-***-VGFs-TB	48.25	RMO83-***-VGFs-TB	40.85								
5,500	Tapered	Forged Steel - TB	SMO83-***-FSR-TB	42.75	RMO83-***-FSR-TB	35.35								
8"	4"	3,800	Roller	6 1/2"	10 1/2"	Moldon Urethane	SMO84-***-URR-RB	45.06	RMO84-***-URR-RB	37.66				
		3,800	Tapered			Moldon Urethane - TB	SMO84-***-URR-TB	44.50	RMO84-***-URR-TB	37.10				
		4,500	Roller			HD Moldon Urethane	SMO84-***-URH-RB	45.06	RMO84-***-URH-RB	37.66				
		4,500	Tapered			HD Moldon Urethane - TB	SMO84-***-URH-TB	44.50	RMO84-***-URH-TB	37.10				
		5,000	Roller			Solid Steel	SMO84-***-SSR-RB	53.06	RMO84-***-SSR-RB	45.66				
		5,000	Tapered			Solid Steel - TB	SMO84-***-SSR-TB	52.50	RMO84-***-SSR-TB	45.10				
		8,400	Roller			Forged Steel	SMO84-***-FSR-RB	62.06	RMO84-***-FSR-RB	54.66				
		8,400	Roller			Forged V Groove	SMO84-***-VGFs-RB	49.06	RMO84-***-VGFs-RB	41.66				
		8,400	Tapered			Forged V Groove - TB	SMO84-***-VGFs-TB	48.50	RMO84-***-VGFs-TB	41.10				
		10,000	Tapered			Forged Steel - TB	SMO84-***-FSR-TB	61.50	RMO84-***-FSR-TB	54.10				

MONSOON

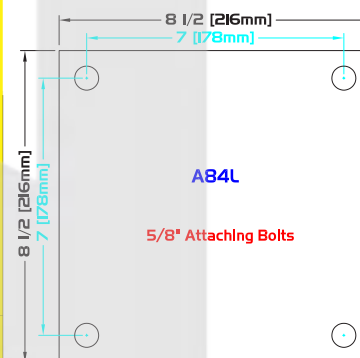
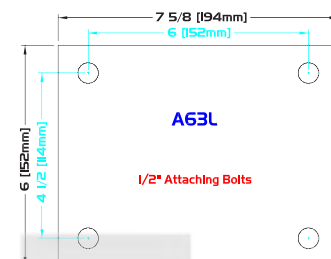
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PLATE DIAGRAMS

STANDARD PLATE: A63L

L - Plate Thickness: 1/2"



WHEEL		CASTER		PART NUMBER									
Diameter	Tread Width	Capacity Lbs.	Bearing Type	Swivel Radius	Overall Height	Wheel Type	Swivel	Caster Weight (lbs)	Rigid	Caster Weight (lbs)			
10"	3"	1,000	Roller	7 1/2"	12 1/2"	Moldon Rubber	SMO103-***-MRR-RB	41.45	RM0103-***-MRR-RB	34.27			
		1,000	Tapered			Moldon Rubber - TB	SMO103-***-MRR-TB	41.03	RM0103-***-MRR-TB	33.85			
		3,500	Roller			Solid Steel	SMO103-***-SSR-RB	55.45	RM0103-***-SSR-RB	48.27			
		3,500	Tapered			Solid Steel - TB	SMO103-***-SSR-TB	55.03	RM0103-***-SSR-TB	47.85			
		3,700	Roller			Moldon Urethane	SMO103-***-URR-RB	49.45	RM0103-***-URR-RB	42.27			
		3,700	Tapered			Moldon Urethane - TB	SMO103-***-URR-TB	49.03	RM0103-***-URR-TB	41.85			
		4,400	Roller			HD Moldon Urethane	SMO103-***-URH-RB	49.45	RM0103-***-URH-RB	42.27			
		4,400	Tapered			HD Moldon Urethane - TB	SMO103-***-URH-TB	49.03	RM0103-***-URH-TB	41.85			
		5,000	Roller			Forged Steel	SMO103-***-FSR-RB	53.45	RM0103-***-FSR-RB	46.27			
		5,000	Roller			Forged V Groove	SMO103-***-VGFS-RB	52.45	RM0103-***-VGFS-RB	45.27			
	5,000	Tapered	Forged V Groove - TB	SMO103-***-VGFS-TB	52.03	RM0103-***-VGFS-TB	44.85						
	6,000	Roller	HD Forged Steel	SMO103-***-FSH-RB	53.45	RM0103-***-FSH-RB	46.27						
	6,000	Tapered	Forged Steel - TB	SMO103-***-FSR-TB	53.03	RM0103-***-FSR-TB	45.85						
	6,000	Roller	HD Forged V Groove	SMO103-***-VGFSH-RB	52.45	RM0103-***-VGFSH-RB	45.27						
	6,000	Tapered	HD Forged V Groove - TB	SMO103-***-VGFSH-TB	52.03	RM0103-***-VGFSH-TB	44.85						
	6,500	Tapered	HD Forged Steel - TB	SMO103-***-FSH-TB	53.03	RM0103-***-FSH-TB	45.85						
	12"	4"	1,500	Roller	7 1/2"	12 1/2"	Moldon Rubber	SMO104-***-MRR-RB	58.84	RM0104-***-MRR-RB	51.66		
			1,500	Tapered			Moldon Rubber - TB	SMO104-***-MRR-TB	58.28	RM0104-***-MRR-TB	51.10		
			5,000	Roller			Moldon Urethane	SMO104-***-URR-RB	58.84	RM0104-***-URR-RB	51.66		
			5,000	Tapered			Moldon Urethane - TB	SMO104-***-URR-TB	58.28	RM0104-***-URR-TB	51.10		
6,000			Roller	Solid Steel			SMO104-***-SSR-RB	57.84	RM0104-***-SSR-RB	50.66			
6,000			Tapered	Solid Steel - TB			SMO104-***-SSR-TB	57.28	RM0104-***-SSR-TB	50.10			
6,000			Roller	HD Moldon Urethane			SMO104-***-URH-RB	58.84	RM0104-***-URH-RB	51.66			
6,000			Tapered	HD Moldon Urethane - TB			SMO104-***-URH-TB	58.28	RM0104-***-URH-TB	51.10			
8,400			Roller	Forged Steel			SMO104-***-FSR-RB	73.84	RM0104-***-FSR-RB	66.66			
8,400			Roller	Forged V Groove			SMO104-***-VGFS-RB	73.84	RM0104-***-VGFS-RB	66.66			
10,000		Tapered	Forged Steel - TB	SMO104-***-FSR-TB	73.28	RM0104-***-FSR-TB	66.10						
10,000		Tapered	Forged V Groove - TB	SMO104-***-VGFS-TB	73.28	RM0104-***-VGFS-TB	66.10						
12"		3"	1,200	Roller	8 1/2"	15 1/2"	Moldon Rubber	SMO123-***-MRR-RB	47.97	RM0123-***-MRR-RB	41.27		
			1,200	Tapered			Moldon Rubber - TB	SMO123-***-MRR-TB	47.55	RM0123-***-MRR-TB	40.85		
	2,500		Roller	Solid Steel			SMO123-***-SSR-RB	52.97	RM0123-***-SSR-RB	46.27			
	2,500		Tapered	Solid Steel - TB			SMO123-***-SSR-TB	52.55	RM0123-***-SSR-TB	45.85			
	3,800		Roller	Moldon Urethane			SMO123-***-URR-RB	50.97	RM0123-***-URR-RB	44.27			
	3,800		Tapered	Moldon Urethane - TB			SMO123-***-URR-TB	50.55	RM0123-***-URR-TB	43.85			
	4,600	Roller	HD Moldon Urethane	SMO123-***-URH-RB	50.97	RM0123-***-URH-RB	44.27						
	4,600	Tapered	HD Moldon Urethane - TB	SMO123-***-URH-TB	50.55	RM0123-***-URH-TB	43.85						
	4"	1,600	Roller	8 1/2"	15 1/2"	Moldon Rubber	SMO124-***-MRR-RB	57.36	RM0124-***-MRR-RB	50.66			
		1,600	Tapered			Moldon Rubber - TB	SMO124-***-MRR-TB	56.80	RM0124-***-MRR-TB	50.10			
		5,500	Roller			Moldon Urethane	SMO124-***-URR-RB	57.36	RM0124-***-URR-RB	50.66			
		5,500	Tapered			Moldon Urethane - TB	SMO124-***-URR-TB	56.80	RM0124-***-URR-TB	50.10			
		6,600	Roller			HD Moldon Urethane	SMO124-***-URH-RB	57.36	RM0124-***-URH-RB	50.66			
		6,600	Tapered			HD Moldon Urethane - TB	SMO124-***-URH-TB	56.80	RM0124-***-URH-TB	50.10			
7,500		Roller	Ductile Iron			SMO124-***-DIR-RB	80.36	RM0124-***-DIR-RB	73.66				
7,500		Tapered	Ductile Iron - TB			SMO124-***-DIR-TB	79.80	RM0124-***-DIR-TB	73.10				
7,500	Roller	Forged Steel	SMO124-***-FSR-RB	157.36	RM0124-***-FSR-RB	150.66							

* Caster weight based on Standard Plate