



**Rigid Caster
1VHT9**



**Swivel Caster
5VH19**



**Swivel Caster w/ Four-Position
Swivel Lock and Brake
5VH92**



Plate A



Plate B



Plate C



Plate D

HAMILTON.

**Extra Heavy-Duty
Standard Plate Casters**

Castors have forged steel frames and forged or welded steel kingpins and can bear heavy loads. Can tolerate more frequent use and withstand more shock and impact from rolling over rough or uneven ground than light-duty, medium-duty, and heavy-duty standard plate casters. Install onto the bottom of dumpsters, trailer frames, die carts, and other heavy equipment used in industrial areas such as manufacturing plants, construction sites, and assembly plants.

Wheel Dia.	Load Rating	Mounting Height	Mounting Plate Size **	Mounting Plate Bolt Hole Pattern	Brand	SWIVEL CASTER Item No.	RIGID CASTER Item No.	SWIVEL CASTER WITH BRAKE Item No.
Soft Polyurethane Tread								
Precision Ball Bearing								
4"	600 lb	5 1/8"	4" x 5"	B	Hamilton	49H502	—	—
	940 lb	7 1/2"	4" x 5"	B	Hamilton	4DB64	4DB68	4DB66 ‡
	960 lb	7 3/4"	4 1/2" x 6 1/2"	A	Hamilton	6AZJ6	—	—
	1920 lb	7 3/4"	6 1/4" x 6 1/2"	A	Hamilton	—	1VHR8	—
	2450 lb	7 1/4"	5" x 7"	A	Hamilton	—	45AN43	—
	1200 lb	9 1/2"	4" x 5"	B	Hamilton	4DB65	4DB69	4DB67 ‡
	1200 lb	9 3/4"	4 1/2" x 6 1/2"	A	Hamilton	6AZJ9	6AZN0	6AZL1 ‡
	2000 lb	9 3/4"	4 1/2" x 6 1/2"	A	Hamilton	1VHT2	—	45RH59 ‡
Soft Rubber Tread								
Precision Ball Bearing								
6"	540 lb	7 1/2"	4 1/2" x 6 1/2"	A	Hamilton	1VHT8	1VHT9	1VHV1 ‡
8"	670 lb	10 1/4"	4 1/2" x 6 1/2"	A	Hamilton	1VHU3	1VHU4	1VHV3 ‡
10"	790 lb	11 1/2"	4 1/2" x 6 1/2"	A	Hamilton	1VHU7	1VHU8	1VHV5 ‡
Roller Bearing								
8"	1000 lb	9 3/4"	4 1/2" x 6 1/2"	A	Hamilton	1VHT4	1VHT5	45RH62 ‡
10"	790 lb	11 1/2"	4 1/2" x 6 1/2"	A	Hamilton	5VH22	—	—
Firm Polyurethane Tread								
Precision Ball Bearing								
	750 lb	5 5/8"	4" x 5"	B	Hamilton	5VH87	5VG54	45RH73 ‡
	750 lb	5 5/8"	4 1/2" x 6 1/2"	A	Hamilton	6AZJ1	—	6AZK0 ‡
	900 lb	5 5/8"	4 1/2" x 6 1/2"	A	Hamilton	49H470	49H486	—
	1500 lb	5 5/8"	4 1/2" x 6 1/2"	A	Hamilton	1VHP8	—	45RH56 ‡
	900 lb	8"	5 1/4" x 7 1/4"	A	Hamilton	—	—	45RH75 ‡
	1200 lb	7 1/2"	4" x 5"	B	Hamilton	5VJ08	—	—
	1200 lb	7 3/4"	4 1/2" x 6 1/2"	A	Hamilton	6AZJ3	6AZL4	6AZK3 ‡
	1600 lb	7 1/2"	4 1/2" x 6 1/2"	A	Hamilton	1VHT6	1VHT7	1VHU9 ‡
	2200 lb	7 1/2"	4 1/2" x 6 1/2"	A	Hamilton	55HA50	55HA46	55HA22 ‡
	2200 lb	8"	5 1/4" x 7 1/4"	A	Hamilton	5VH01	5VF93	—
	2400 lb	7 3/4"	4 1/2" x 6 1/2"	A	Hamilton	1VHR5	—	—
	2400 lb	7 3/4"	6 1/4" x 6 1/2"	A	Hamilton	1VHR5	—	—
	3525 lb	10"	5 1/2" x 6 3/4"	D	—	489D21	—	489D22 *
	1400 lb	9 1/2"	4" x 5"	B	Hamilton	49H505	—	49H514 ‡
	1500 lb	9 1/2"	4" x 5"	B	Hamilton	5VJ20	5VG70	45RH76 ‡
	1500 lb	9 3/4"	4 1/2" x 6 1/2"	A	Hamilton	6AZJ7	6AZL8	6AZK8 ‡
	2000 lb	10 1/4"	4 1/2" x 6 1/2"	A	Hamilton	1VHU1	1VHU2	1VHV2 ‡
	2500 lb	10 1/2"	5 1/4" x 7 1/4"	A	Hamilton	5VH10	5VF98	5VH11 ‡
	2200 lb	11 1/2"	4 1/2" x 6 1/2"	A	Hamilton	1VHU5	1VHU6	1VHV4 ‡
	3000 lb	12 1/2"	5 1/4" x 7 1/4"	A	Hamilton	5VG92	5VF89	45RH77 ‡
	3600 lb	12 1/2"	5 1/4" x 7 1/4"	A	Hamilton	49H548	—	—
	3950 lb	14"	5 1/2" x 6 3/8"	D	—	489D18	489D20	489D19 *
Roller Bearing								
8"	990 lb	11"	8 1/2" x 8 1/2"	D	Hamilton	1VHK5	1VHK6	—
	7000 lb	11"	8 1/2" x 8 1/2"	D	Hamilton	—	—	1VHJ7 †
	10,000 lb	13"	8 1/2" x 8 1/2"	D	Hamilton	—	—	1VHJ9 †
	2200 lb	11 1/2"	4 1/2" x 6 1/2"	A	Hamilton	5VH19	—	—
	6000 lb	13"	8 1/2" x 8 1/2"	D	Hamilton	1VHK7	—	1VHJ8 ‡
Tapered Roller Bearing								
10"	10,000 lb	13"	8 1/2" x 8 1/2"	D	Hamilton	1VHK9	1VHL1	55HA35 ‡

Wheel Dia.	Load Rating	Mounting Height	Mounting Plate Size **	Mounting Plate Bolt Hole Pattern	Brand	SWIVEL CASTER Item No.	RIGID CASTER Item No.	SWIVEL CASTER WITH BRAKE Item No.
Hard Nylon Tread								
Precision Ball Bearing								
3 1/8"	3850 lb	4 7/8"	4 5/16" x 5 1/2"	C	—	22N099	22N108	—
	3300 lb	5 1/16"	4 5/16" x 5 1/2"	C	—	22N072	—	22N073 *
	4850 lb	6 1/4"	5 1/2" x 6 3/8"	D	—	22N101	22N109	—
	3850 lb	6 1/16"	4 9/16" x 5 1/2"	C	—	—	22N077	—
	800 lb	5 5/8"	4" x 5"	B	Hamilton	49H524	—	45RH66 ‡
	975 lb	5 3/8"	4" x 4 1/2"	B	Hamilton	—	49H531	—
	2000 lb	5 3/8"	4" x 5"	B	Hamilton	49H509	—	49H518 ‡
	2000 lb	5 3/8"	4" x 4 1/2"	B	Hamilton	—	49H534	—
	2000 lb	5 3/8"	4 1/2" x 6 1/2"	A	Hamilton	154M41	154F83	55HA25 ‡
	3850 lb	6 1/16"	4 9/16" x 5 1/2"	C	—	22N075	—	22N076 *
	7925 lb	8 1/8"	7 7/8" x 10 1/16"	D	—	22N102	22N110	—
	3300 lb	5 1/16"	4 9/16" x 5 1/2"	C	—	—	22N074	—
	5500 lb	8 1/8"	5 1/2" x 6 3/8"	D	—	—	22N080	—
	5500 lb	8 1/8"	5 1/2" x 6 3/8"	D	—	22N078	—	22N079 *
	1000 lb	7 1/2"	4" x 5"	B	Hamilton	49H525	—	49H519 ‡
	4000 lb	8"	5 1/4" x 7 1/4"	A	Hamilton	49H549	49H564	45RH68 ‡
Hard Phenolic Tread								
Roller Bearing								
4"	800 lb	5 5/8"	4" x 5"	B	Hamilton	5VH91	5VG56	5VH92 ‡
	800 lb	5 5/8"	4 1/2" x 6 1/2"	A	Hamilton	5VH40	—	—
	1200 lb	5 5/8"	4 1/2" x 6 1/2"	B	Hamilton	—	5VG67	—
	1200 lb	7 1/2"	4" x 5"	B	Hamilton	5VJ14	—	5VJ15 ‡
	1200 lb	7 3/4"	4 1/2" x 6 1/2"	A	Hamilton	5VH56	5VG34	6AZK6 ‡
	2000 lb	8"	5 1/4" x 7 1/4"	A	Hamilton	5VH07	5VF96	5VH08 ‡
	1400 lb	9 1/2"	4" x 5"	B	Hamilton	5VJ24	5VG72	5VJ25 ‡
	1400 lb	9 3/4"	4 1/2" x 6 1/2"	A	Hamilton	5VH64	5VG38	6AZL0 ‡
	3000 lb	10 1/2"	5 1/4" x 7 1/4"	A	Hamilton	5VH16	5VG02	5VH17 ‡
	2900 lb	12 1/2"	5 1/4" x 7 1/4"	A	Hamilton	5VG98	5VF92	5VG99 ‡
Hard Polyurethane Tread								
Precision Ball Bearing								
4"	975 lb	5 5/8"	4 1/2" x 6 1/2"	A	Hamilton	49H473	49H489	—
	975 lb	5 5/8"	4" x 5"	B	Hamilton	49H506	—	49H515 ‡
	1000 lb	7 1/2"	4" x 5"	B	Hamilton	—	49H532	—
	1560 lb	7 3/4"	4 1/2" x 6 1/2"	A	Hamilton	49H474	49H490	—
	1560 lb	7 1/2"	4" x 5"	B	Hamilton	49H507	—	—
Extra-Hard Iron Tread								
4"	1000 lb	5 5/8"	4" x 5"	B	Hamilton	5VH89	5VG55	45RH63 ‡
	1000 lb	5 5/8"	4 1/2" x 6 1/2"	A	Hamilton	6AZJ2	6AZL3	6AZK1 ‡
	1400 lb	7 1/2"	4" x 5"	B	Hamilton	5VJ12	5VG66	45RH64 ‡
	1400 lb	7 3/4"	4 1/2" x 6 1/2"	A	Hamilton	6AZJ5	—	6AZK5 ‡
	1500 lb	9 1/2"	4" x 5"	B	Hamilton	5VJ22	5VG71	45RH65 ‡
	2000 lb	9 3/4"	4 1/2" x 6 1/2"	A	Hamilton	57I276	—	57I275 ‡
Roller Bearing								
6"	1200 lb	8"	4 1/2" x 6 1/4"	A	—	489D75	489C11	—
	2200 lb	7 1/2"	4 1/2" x 6 1/2"	A	Hamilton	5VH24	5VG15	—
Extra-Hard Steel Tread								
Precision Ball Bearing								
6"	2000 lb	7 1/2"	4" x 5"	B	Hamilton	5VJ10	—	—
	2000 lb	7 3/4"	4 1/2" x 6 1/2"	A	Hamilton	6AZJ4	6AZL5	6AZK4 ‡
	4000 lb	8"	5 1/4" x 7 1/4"	A	Hamilton	5VH03	5VF94	—
	8" 4000 lb	10 1/2"	5 1/4" x 7 1/4"	A	Hamilton	5VH12	5VF99	5VH13 ‡
	10" 4000 lb	12 1/2"	5 1/4" x 7 1/4"	A	Hamilton	5VG94	5VF90	—
Extra-Hard Thermoplastic Rubber Tread								
Precision Ball Bearing								
8"	1400 lb	9 3/4"	4 1/2" x 6 1/2"	A	Hamilton	—	57I270	—

* With total lock. † With four-position swivel lock. ‡ With four-position swivel lock and brake. ** Mounting plate size based on swivel caster. See Grainger.com for exact dimensions.