

# 54 Series

## Round or Square Stem Total Lock • Swivel Lock

Capacity to 325 pounds each

### FEATURES

- ✓ **Finish:** bright nickel plated for attractive appearance and rust and corrosion resistance.
- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Dust Cap:** all swivel models feature dust cap which protects swivel raceway bearings and improves performance.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 3/8" diameter bolt with lock nut.
- ✓ **King Pin:** 1/2" steel, hydraulically upset.

### CASTER OPTIONS

- ✓ **2-position and 4-position Swivel Locks:** available in 90° intervals – consult factory.
- ✓ **Precision Ball Wheel Bearing:** Sealed precision ball bearing available for most wheels – consult factory.
- ✓ **Thread Guards:** See page 94 for thread guard availability.
- ✓ **Optional Stem Sizes:** variety of top plate sizes available – consult factory.



**TOTAL LOCK**  
5-54-213GD TL STEM 1  
(shown in photo -- round stem)

**SWIVEL LOCK**  
5-54-213P SL1 STEM 1  
(shown in photo -- round stem)

### MOUNTING OPTIONS

**Standard Stem Sizes:** to order, specify stem code number and add to end of caster model number (Example: 5-54-213G STEM 1)

Stem Code	Stem Sizes
STEM 1	.845" diameter round x 2- 3/16" long
STEM 2	.865" diameter round x 2- 3/16" long
STEM 3	1" diameter round x 2- 3/16" long
STEM 4	.860 diameter SQUARE x 2- 3/16" long

**Total Lock** – simultaneously locks swivel and wheel in any position. Thermoplastic brake pedal is maintenance-free and provides positive locking force.

**Swivel Lock** (1-position) – swivel locks in trailing position at 180° while wheel spins freely. Thermoplastic brake pedal is maintenance-free and provides positive locking force.

### WHEEL OPTIONS



### Total Lock & Swivel Lock Models

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Total Lock Model Number	Swivel Lock Model Number	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
4	1 1/4	WELDED DISC / GREY RUBBER	BALL	200	4-54-113G TL	4-54-113G SL1	2-3/4	5	3 3/4
		ADVANTAGE TPR / ROUND <sup>1</sup>	BALL	250	4-54-213GD TL	4-54-213GD SL1	2-3/4		
		WELDED DISC / POLYURETHANE	BALL	275	4-54-113P TL	4-54-113P SL1	2-3/4		
		POLYLOC / GREY	BALL	275	4-54-213G TL	4-54-213G SL1	2-3/4		
		POLYLOC / BLUE	BALL	275	4-54-213P TL	4-54-213P SL1	2-3/4		
		ADVANTAGE TPR / FLAT <sup>1</sup>	BALL	300	4-54-213GF TL	4-54-213GF SL1	2-3/4		
		ADVANTAGE HEALTH FLAT	S.S. BALL	300	4-54-213MF TL	4-54-213MF SL1	2-3/4		
5	1 1/4	CUSHION RUBBER W/ SIDE PLATES <sup>2</sup>	BALL	200	5-54-500 TL	5-54-500 SL1	3	6 1/16	4 1/4
		WELDED DISC / GREY RUBBER	BALL	200	5-54-113G TL	5-54-113G SL1	3		
		ADVANTAGE TPR / ROUND <sup>1</sup>	BALL	250	5-54-213GD TL	5-54-213GD SL1	3		
		WELDED DISC / POLYURETHANE	BALL	300	5-54-113P TL	5-54-113P SL1	3		
		POLYLOC / GREY	BALL	300	5-54-213G TL	5-54-213G SL1	3		
		POLYLOC / BLUE	BALL	300	5-54-213P TL	5-54-213P SL1	3		
		ADVANTAGE HEALTH FLAT	S.S. BALL	300	5-54-213MF TL	5-54-213MF SL1	3		
ADVANTAGE TPR / FLAT <sup>1</sup>	BALL	325	5-54-213GF TL	5-54-213GF SL1	3				
6	1 1/4	CUSHION RUBBER W/ SIDE PLATES <sup>2</sup>	BALL	220	6-54-500 TL	6-54-500 SL1	3-1/2	7 1/16	4 3/4
		WELDED DISC / GREY RUBBER	BALL	250	6-54-113G TL	6-54-113G SL1	3-1/2		
		WELDED DISC / POLYURETHANE	BALL	300	6-54-113P TL	6-54-113P SL1	3-1/2		
		ADVANTAGE TPR / ROUND <sup>1</sup>	BALL	300	6-54-213GD TL	6-54-213GD SL1	3-1/2		
		POLYLOC / GREY	BALL	300	6-54-213G TL	6-54-213G SL1	3-1/2		
		POLYLOC / BLUE	BALL	300	6-54-213P TL	6-54-213P SL1	3-1/2		
		ADVANTAGE HEALTH FLAT	S.S. BALL	325	6-54-213MF TL	6-54-213MF SL1	3-1/2		

<sup>1</sup>Delrin bearing also available, consult factory.

<sup>2</sup>Grey tread wheels are available, consult factory.

# Wheel Selection Guide

Wheel Type	Capacity Range Per Wheel	Temperature Range	Hardness	Page Number
CUSHION / SOLID RUBBER	Up to 260 lbs.	-30° to +160° F	75 (±) 5 (A)	74-75
HARD / SOLID RUBBER	Up to 400 lbs.	-30° to +160° F	75 (±) 5 (D)	75
WELDED DISC / RUBBER	Up to 250 lbs.	-40° to +160° F	75 (±) 5 (A)	76
WELDED DISC / POLYURETHANE	Up to 300 lbs.	-40° to +180° F	95 (±) 5 (A)	76
ADVANTAGE TPR (INCLUDING HEAT / HEALTH)	Up to 675 lbs.	-40° to +180° F	65 (±) 5 (A)	77-79
HIGH MODULUS RUBBER	Up to 550 lbs.	-40° to +160° F	65 (±) 5 (A)	81
FULL PNEUMATIC RUBBER	Up to 470 lbs.	-20° to +160° F	-----	81
POLYOLEFIN	Up to 900 lbs.	-20° to +180° F	65 (±) 5 (D)	82
TRITON	Up to 1,500 lbs.	-20° to +180° F	65 (±) 5 (D)	83
HI-TEMP RESIN	Up to 600 lbs.	-20° to +475° F	75 (±) 5 (D)	83
MAGNUM POLYURETHANE	Up to 1200 lbs.	-40° to +180° F	Choices	84
POLYLOC GREY OR BLUE POLYURETHANE	Up to 1,000 lbs.	-30° to +180° F	95 (±) 5 (A)	85-86
SOLID ELASTOMER	Up to 1,250 lbs.	-40° to +230° F	73 (±) 5 (D)	88
MOLDON RUBBER / ALUMINUM CORE	Up to 500 lbs.	-40° to +160° F	75 (±) 5 (A)	80
MOLDON POLYURETHANE / ALUMINUM CORE	Up to 1,200 lbs.	-40° to +160° F	55 (±) 5 (D)	87
MOLDON RUBBER / CAST IRON CORE	Up to 500 lbs.	-40° to +160° F	75 (±) 5 (A)	80
MOLDON POLYURETHANE / CAST IRON CORE	Up to 1,500 lbs.	-30° to +180° F	55 (±) 5 (D)	87
PHENOLIC	Up to 1,400 lbs.	-45° to +250° F	90(±) 5 (D)	89
CAST IRON	Up to 1,500 lbs.	-45° to +250° F	-----	90
DUCTILE	Up to 3,800 lbs.	-45° to +250° F	-----	90
V-GROOVE	Up to 1,000 lbs.	-45° to +250° F	-----	90

## Floor Surfaces

Wheel Type	Carpet	Brick	Concrete	Linoleum	Asphalt	Terrazzo	Wood	Smooth Steel	Ribbed Steel	Tile
CUSHION / SOLID RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HARD / SOLID RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WELDED DISC / RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WELDED DISC / POLYURETHANE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ADVANTAGE TPR (INCLUDING HEAT / HEALTH)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HIGH MODULUS RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FULL PNEUMATIC RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
POLYOLEFIN / TRITON	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HI-TEMP RESIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
POLYLOC AND MAGNUM POLYURETHANE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SOLID ELASTOMER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MOLDON RUBBER / ALUMINUM CORE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MOLDON POLYURETHANE / ALUMINUM CORE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MOLDON RUBBER / CAST IRON CORE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MOLDON POLYURETHANE / CAST IRON CORE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CAST IRON / DUCTILE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
V-GROOVE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## Operating Conditions

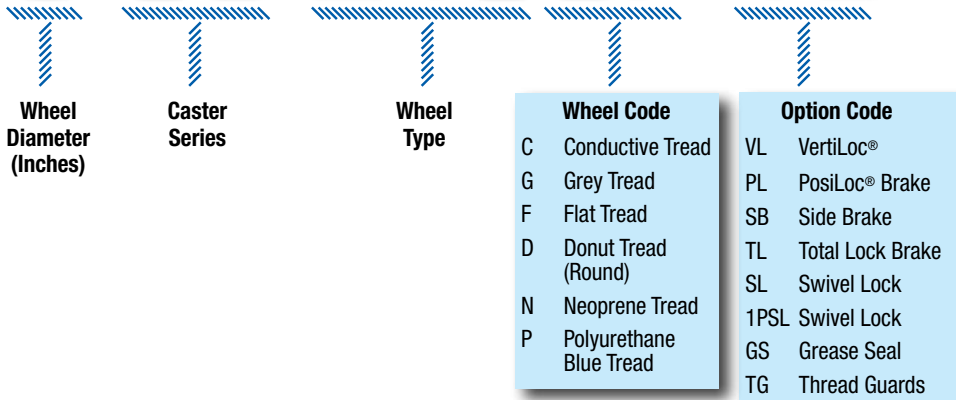
Wheel Type	Water	Steam	Mild Chemicals	Oil/Grease	Metal Chips	High Heat > +250°F	Extreme Cold -20°F	Animal Fats	Noise Reduction	Floor Protection	Shock Absorption
CUSHION / SOLID RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HARD / SOLID RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WELDED DISC / RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WELDED DISC / POLYURETHANE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ADVANTAGE TPR (INCLUDING HEAT / HEALTH)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HIGH MODULUS RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FULL PNEUMATIC RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
POLYOLEFIN / TRITON	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HI-TEMP RESIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
POLYLOC AND MAGNUM POLYURETHANE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SOLID ELASTOMER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MOLDON RUBBER / ALUMINUM CORE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MOLDON POLYURETHANE / ALUMINUM CORE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MOLDON RUBBER / CAST IRON CORE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MOLDON POLYURETHANE / CAST IRON CORE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PHENOLIC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CAST IRON / DUCTILE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
V-GROOVE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

# Model Numbers

## Casters

Below model is a 5" wheel diameter 30 Series swivel caster with Flat Tread Advantage wheel with VertiLoc® brake.

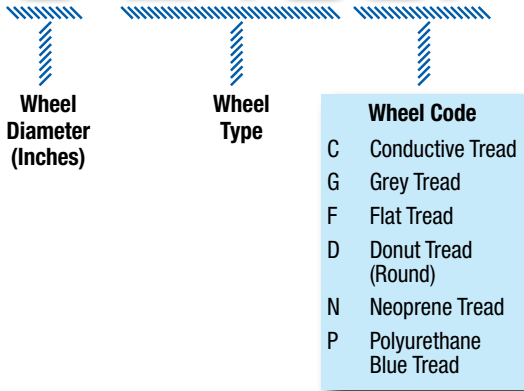
# 5-30-213GF VL



## Wheels

Below model is a 5" wheel diameter Flat Tread Advantage wheel with ball bearing.

# 5-213GF



## Forks

Below model is a 5" diameter 30 Series swivel fork.

# 5-30-000-PLT 2

