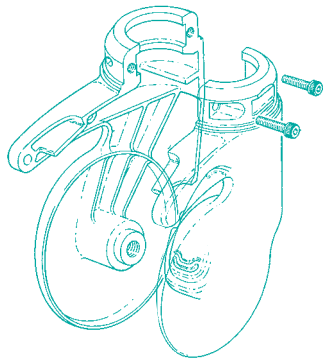


## SingleTech Solus Specifications

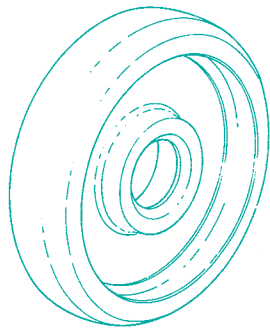


### Body and Wheel Centers

- Material chosen for light-weight, high load capacity, resistance to abuse, electrical safety and finish characteristics.
- Body consists of two pressure-diecast aluminum shells.
- Wheel center is pressure-diecast zinc alloy or nylon.

### Tires

- Polyurethane and rubber.
- All tires are molded and mechanically locked onto the wheel center.
- Tire profiles to suit hard and soft floor surfaces.
- Gray polyurethane with extremely hard wearing properties for temperatures up to 176°F (80°C). Low rolling resistance and very high load capacity. Hardness 90° Shore A.
- Gray, non-marking rubber for softer ride and temperatures up to 149°F (65°C). Hardness 65° Shore A.



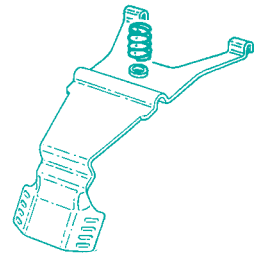
### Bearings

- Sealed precision ball bearings are fitted as standard to headwork and wheel, ensuring high dynamic performance and low rolling resistance.



### Brake

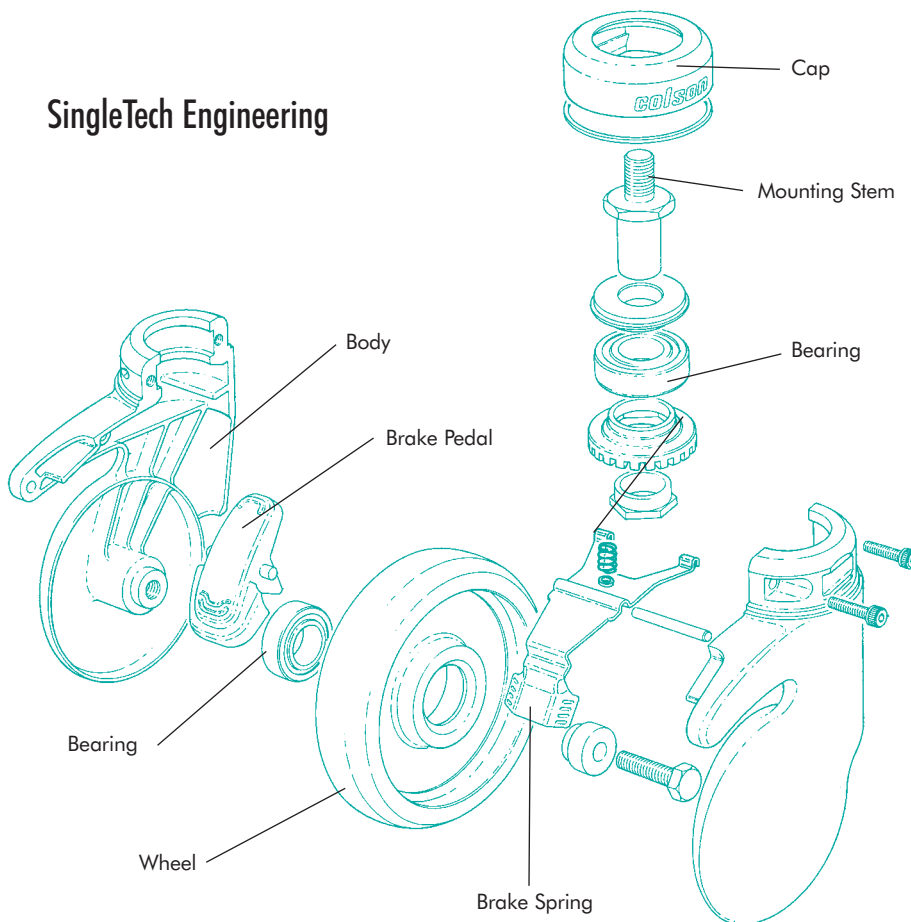
- A progressive brake mechanism grips the flanks of the tires without affecting the tread of the wheel, thus reducing tire wear.



### Maintenance

- Minimal wheel lubrication may be needed in extreme conditions.
- The design makes it virtually impossible for dirt to penetrate; however, an inventive sliding top cover reveals mounting bolts. This frees one shell for easy cleaning or maintenance, if required, with the caster still in service.

## SingleTech Engineering



### Ordering Options

- Body and wheel hubs can be powder coated in virtually any color to match existing equipment. *(Consult factory for pricing and set-up charges.)*
- Epoxy powder coating is available to meet application requirements.
- Polyurethane tires can be molded in a selection of color, hardness, or electrical characteristics. Standard color - gray.
- Non-staining rubber tires can be molded in a selection of hardness or electrical characteristics. Standard color - gray.
- Special "Gold Seal" version provides 72-hour salt spray protection through special plating quality and additional seals, for regular autoclaving or steam cleaning. *(Consult factory for pricing and set-up charges.)*
- Available with the following brake options:
  1. Wheel lock
  2. Directional lock
  3. Total lock
- Caster construction for non-magnetic characteristics.
- Anti-static rubber, nylon, or polyurethane tires.

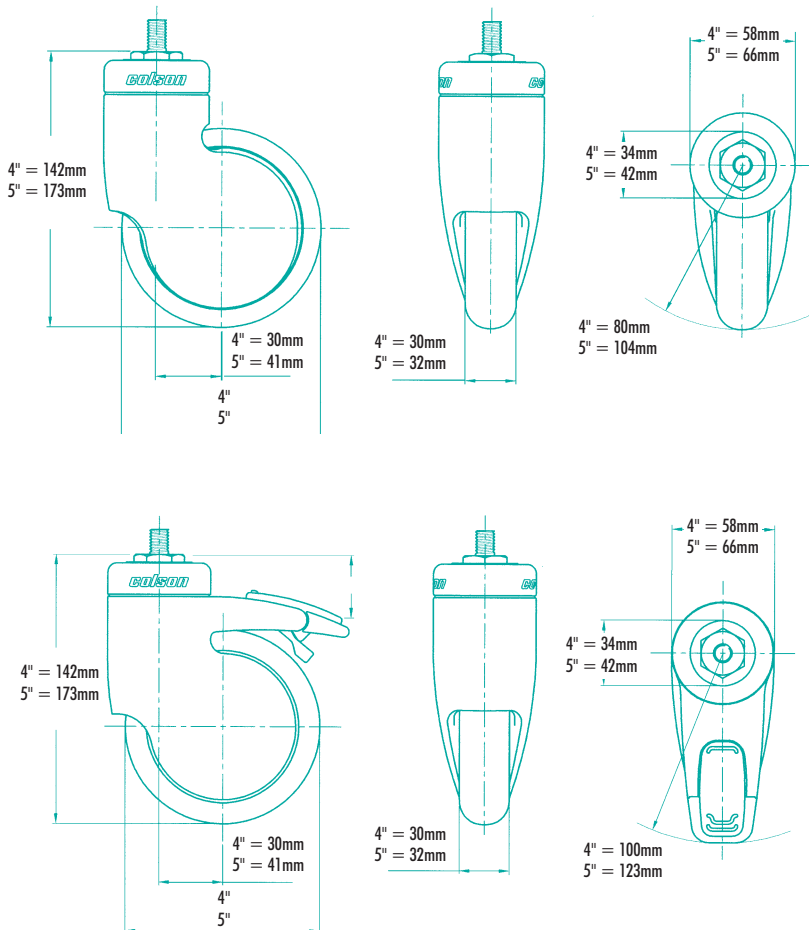
## SingleTech – Solus Swivel Casters

SingleTech Swivel Casters feature aesthetic clean lines and a choice of available colors. They are manufactured from two pressure-diecast aluminum shells and combine light weight with high load capacities. Combined with the ability to swivel freely in all directions, these casters are ideal for modern technical equipment.

The Total Lock models offer both the high overall height and a highly effective brake mechanism enclosed between two shells. The brake is activated by light pressure on a smooth-contoured pedal. Both the wheel and swivel are locked simultaneously.

Type	Wheel Dia.	Load Capacity	Bearing	Wheel Type	Stem Size	Weight	Part Number
Swivel	4"	275 lbs.	Ball	Gray Polyurethane	M10 x 15	1.5 lbs.	2-4404-404-064-0001-0805
Swivel	5"	297 lbs.	Ball	Gray Polyurethane	M12 x 20	2.5 lbs.	2-5404-404-007-0001-0805
Swivel	4"	198 lbs.	Ball	Gray Rubber	M10 x 15	1.5 lbs.	2-4404-404-064-0001-0105
Swivel	5"	220 lbs.	Ball	Gray Rubber	M12 x 20	2.5 lbs.	2-5404-404-007-0001-0105
Total Lock	4"	275 lbs.	Ball	Gray Polyurethane	M10 x 15	1.7 lbs.	2-4402-404-064-2001-0805
Total Lock	5"	297 lbs.	Ball	Gray Polyurethane	M12 x 20	2.9 lbs.	2-5402-404-007-2001-0805
Total Lock	4"	198 lbs.	Ball	Gray Rubber	M10 x 15	1.7 lbs.	2-4402-404-064-2001-0105
Total Lock	5"	220 lbs.	Ball	Gray Rubber	M12 x 20	2.9 lbs.	2-5402-404-007-2001-0105

Standard Finish: Body - White RAL 9003.



### Options

(Consult Factory)

- "Gold Seal" washable casters
- Alternative mounting stem and thread sizes
- Colored finishes
- Electrically conductive tires

Consult factory for English/Imperial ordering dimensions and quantities.