

Eclipse

Features

- Strong glass filled nylon body
- Sleek stylish design
- Full thread guards available on all thermoplastic rubber wheel models
- Nut and bolt axle

Applications

- POP Displays
- Furniture
- Utility Carts
- Store Fixtures
- Seating
- Medical Equipment

Options

- **Brake:** Tread brake uniformly integrated into body design for smooth look and ease of activation. See below chart for model numbers.
- **RoHS Compliant:** available by special order, minimums may apply.
- **Stainless Steel Components:** available by special order; minimums apply.



Wheel Selection

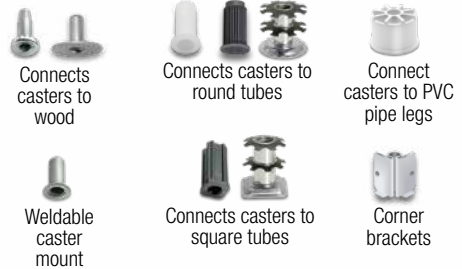


	Flat Grey Polyurethane (TPU)	Flat Black Polyurethane (TPU)	Donut Black Polyurethane
Floor Protection ¹	✓+	✓+	✓+
Non-Marking	✓+	✓+	✓+
Durability	✓+	✓+	✓+
Cushioned Ride	✓	✓	✓+
Chemical Resistance	✓+	✓+	✓+

¹See page 48 for application details.

Socket Options

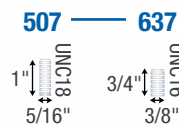
Shepherd has many solutions to help you mount your casters to your equipment quickly and easily. See pages 56-57 for more information.



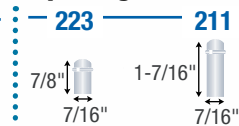
Wheel Diameter (Inches)	Tread Width (Inches)	Mounting Height (Inches)	Swivel Radius (Inches)	Tread Type	Bearing Type	Dynamic Load (Pounds)	Swivel Base Model Number (Add fastening code)	Brake Base Model Number (Add fastening code)	Fastening Selection ²
3"	1"	4-5/16"	2-1/2"	Flat Black TPU	Delrin	120	PEC30___BK-TPU03(KK)	PEC30___BK-TPU03(KK)B	Threaded: 507, 637
				Flat Grey TPU	Delrin	120	PEC30___GR-TPU03(GG)	PEC30___GR-TPU03(GG)B	
			Brake: 3-1/8"	Donut Black Urethane	Precision Ball	120	PEC30___BK-SKW31(KK)	PEC30___BK-SKW31(KK)B	Grip Ring: 211, 223
4"	1"	5-3/8"	3-1/4"	Flat Black TPU	Delrin	125	PEC40___BK-TPU03(KK)	PEC40___BK-TPU03(KK)B	Threaded: 507, 637
				Flat Grey TPU	Delrin	125	PEC40___GR-TPU03(GG)	PEC40___GR-TPU03(GG)B	

²To order, include blue fastener code in Base Model Number. Example: PEC30507BK-TPU03(KK)

Threaded



Grip Ring



Optimus



Features

- Integrated thread guard design on caster body plus additional wheel thread guards
- Nylon body construction
- Riveted axle
- Non-marking resilient rounded tread Performa rubber wheels

Applications

- Fixtures
- Furniture
- Office Equipment
- Laboratory Equipment
- IV Stands
- Mobile Computer Stands
- Medical Equipment

Options

- Additional fastenings available by special order; please consult factory.
- Additional colors available by special order; please consult factory.

Wheel Selection



Performa Rubber

Floor Protection	✓+
Non-Marking	✓+
Durability	✓+
Quiet/Cushion Roll	✓+
Chemical Resistance	✓+

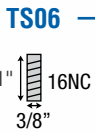
Performa Rubber Facts

1. Quiet rolling
2. Non-marking floor protection
3. Rejects floor debris

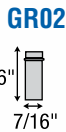
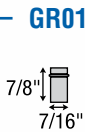
Wheel Diameter (Inches)	Tread Width (Inches)	Mounting Height (Inches)	Swivel Radius (Inches)	Tread Type	Dynamic Load (Pounds)	Swivel Base Model Number (Add fastening code)	Face Brake Base Model Number (Add fastening code)	Fastening Selection*
3-1/8"	1"	4-9/32"	3-3/4"	Performa Rubber	140	OP-03PRN-100-SW-____	OP-03PRN-100-FB-____	Threaded: TS06 Grip Ring: GR01, GR02

*To order, include **blue** fastener code in **Base Model Number**. Example: OP-03PRN-100-SW-**TS06**

Threaded



Grip Ring



Free swivel model



Tread brake model



Genesis

Clean • Quiet • Effortless

Features

- Sealed precision bearings in swivel and wheel provide quiet, effortless mobility
- Soft (65A), non-marking MonoTech wheels reject debris and are excellent on both carpet and hard floors
- Strong protective body conceals components for easy cleaning
- Integrated thread guards protect wheels from entangling debris

Applications

- Computer Carts
- Laboratory Equipment
- Audio/Video Carts
- Electronic Equipment
- Medical Carts
- Monitoring Equipment Stands
- IV Poles

Options

- **Integrated Tread Brake:** Available on all models.
- **Central Locking** Total Lock Brake available by special order; contact factory for details.
- **Custom Colors available** by special order; contact factory for minimums.
- **Additional Fastenings:** Does your application require a metric or special fastening? Please contact us for minimums and availability.



Wheel Selection



MonoTech

Floor Protection	✓+
Non-Marking	✓+
Durability	✓+
Quiet/Cushion Roll	✓+
Chemical Resistance	✓+

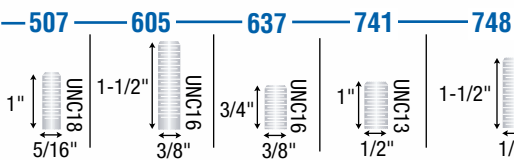
MonoTech Facts

1. Provides ultimate floor protection and a quiet, cushioned ride.
2. Rolls over obstacles with ease.
3. Will not flat spot and is excellent on any floor type.
4. Rejects floor debris, including metal shavings and glass.

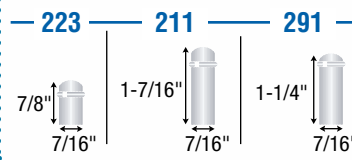
Wheel Diameter (Inches)	Tread Width (Inches)	Mounting Height (Inches)	Swivel Radius (Inches)	Tread Type	Finish	Dynamic Load (Pounds)	Swivel Base Model Number (Add fastening code)	Tread Brake Model Number (Add fastening code)	Fastening Selection*
3"	1"	4"	2-15/16" Brake: 3-3/4"	MonoTech	White	110	PGE30___WH-MNT33(GG)	PGE30___WH-MNT33(GG)B	Threaded: 507, 605, 637, 748 Grip Ring: 223, 211
				MonoTech	Grey	110	PGE30___GR-MNT33(GG)	PGE30___GR-MNT33(GG)B	
				MonoTech	Black	110	PGE30___BK-MNT33(KK)	PGE30___BK-MNT33(KK)B	
4"	1-1/4"	Stem: 5-3/8" Plate: 5-5/8"	3-3/4" Brake: 4-1/8"	MonoTech	White	225	PGE40___WH-MNT63(GG)	PGE40___WH-MNT63(GG)B	Threaded: 741, 748 Grip Ring: 291 Plate: 120
				MonoTech	Grey	225	PGE40___GR-MNT63(GG)	PGE40___GR-MNT63(GG)B	
				MonoTech	Black	225	PGE40___BK-MNT63(KK)	PGE40___BK-MNT63(KK)B	

*To order, include **blue** fastener code in **Base Model Number**.
Example: PGE30**507**WH-MNT33(GG)

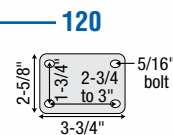
Threaded Stem



Grip Ring



Top Plate

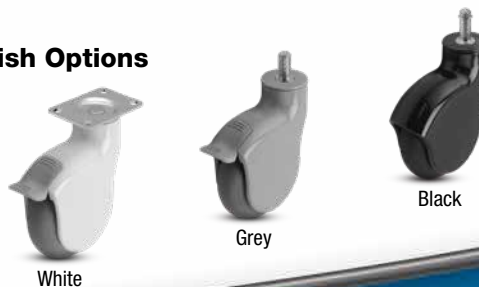


Socket Options

Shepherd has many solutions to help you mount your casters to your equipment quickly and easily. See pages 56-57 for more information.



Finish Options



Next Generation Nylon



RoHS
Environmentally friendly

Features

- Maintenance free
- Sealed precision bearing raceway, smooth and quiet
- Wheels feature sealed precision ball bearings and full thread guards
- Resistance to most chemicals
- Zinc plated top plate
- Recessed axle with plastic cap covers

Applications

- Laboratory Equipment
- IV Stands
- Mobile Computer Stands
- Medical Equipment
- Medical Furniture

Options

- **Total Lock Brake** models lock both swivel and wheel
- **Directional lock** models lock swivel only (helps with steering)
- Additional fastenings available by special order; please consult factory.
- Additional colors available by special order; please consult factory.

Wheel Selection



QuikStart TPR



Anti-Microbial TPR



Santoprene

Floor Protection	✓+	✓+	✓+
Non-Marking	✓+	✓+	✓+
Durability	✓+	✓+	✓+
Cushioned Ride	✓+	✓+	✓+
Chemical Resistance	✓	✓	✓



Custom Colors Available

Next Generation Stainless:

304 stainless steel top plates and components for better corrosion protection. Change NG to **NS** in chart at right.



Next Generation Antistatic:

Helps minimize the risk of electrostatic discharge. Change NG to **NA** in chart at right.



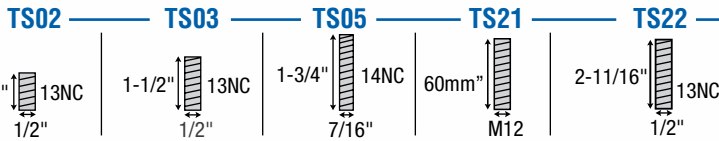
Next Generation Non-Magnetic: Components are made of non-magnetic plastic and metals. Change NG to **NM** in chart at right.



Wheel Diameter (Inches)	Tread Width (Inches)	Mounting Height (Inches)	Swivel Radius (Inches)	Tread Type	Wheel Bearing	Dynamic Load (Pounds)	Swivel Base Model Number (Add fastening code)	Total Lock Model Number (Add fastening code)	Fastening Selection*	
3"	1-1/4"	Stem: 4-7/32"	2-13/16"	QuikStart TPR	Precision Ball	200	NG-03QDP-125-SW-___	NG-03QDP-125-TL-___	Threaded: TS02, TS03, TS05, TS21, TS22 Hollow Kingpin: HKU1 (Unassembled), HK01 (Assembled) Grip Ring: GR01, GR02, GR04, GR05, GR07, GR09, GR10 Plate: TP01	
		Plate: 4-1/4"		Brake: 3-3/4"	QuikStart TPR	Plain	200	NG-03QDO-125-SW-___		NG-03QDO-125-TL-___
		Anti-Microbial TPR		Precision Ball	200	NG-03AMP-125-SW-___	NG-03AMP-125-TL-___			
4"	1-1/4"	Stem: 5-13/32"	3-7/16"	QuikStart TPR	Precision Ball	275	NG-04QDP-125-SW-___	NG-04QDP-125-TL-___		
		Plate: 5-3/4"		Brake: 4-7/16"	Anti-Microbial TPR	Precision Ball	275	NG-04AMP-125-SW-___		NG-04AMP-125-TL-___
5"	1-1/4"	Stem: 6-1/2"	4"	Santoprene	Precision Ball	260	NG-05RPP-125-SW-___	NG-05RPP-125-TL-___		
		Plate: 6-7/8"		Brake: 4-7/16"	QuikStart TPR	Precision Ball	300	NG-05QDP-125-SW-___		NG-05QDP-125-TL-___
		Anti-Microbial TPR		Precision Ball	300	NG-05AMP-125-SW-___	NG-05AMP-125-TL-___			
6"	1-1/4"	Stem: 7-1/2"	All: 4-9/16"	QuikStart TPR	Precision Ball	300	NG-06QDP-125-SW-___	NG-06QDP-125-TL-___		
		Plate: 7-11/16"		QuikStart TPR	Plain	300	NG-06QDO-125-SW-___	NG-06QDO-125-TL-___		
		Anti-Microbial TPR		Precision Ball	300	NG-06AMP-125-SW-___	NG-06AMP-125-TL-___			

*To order, include blue fastener code in Base Model Number. Example: NG-03QDP-125-SW-TS02

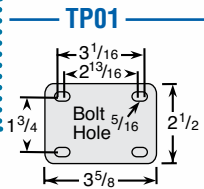
Threaded



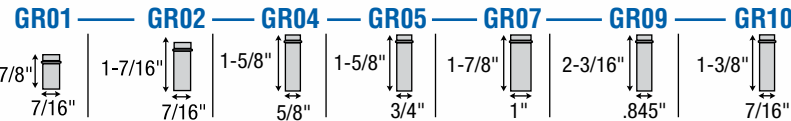
Hollow Kingpin



Top Plate



Grip Ring



Rigid plate model available for 3", 5" and 6" diameter wheels. Change SW to **RG**. Example: NG-03QDP-125-**RG**-TS02



Rigid brake model available on 5" models. Change TL to **RB**. Example: NG-03QDP-125-**RB**-TS02

Optional round, square and expanding adapter stems along with many **other fastening** selections are available. Consult factory.

Total Lock brakes lock wheel and swivel (see chart)



Direction lock brakes lock swivel only for easier steering. Change TL to **DL** in chart above. Example: NG-05QDP-125-**DL**-TP01

