

encore®

www.EncoreCaster.com

Where Economy MEETS QUALITY

In 2005, Colson responded to your requests for a full-performance caster line with less specialized and less costly attributes by introducing the Encore lineup of products. Encore is a complete series of tested, quality caster products available at economy prices. Today, Encore caster forks, wheels and accessories have more options than ever but remain the smart and cost-effective alternative when your application doesn't require the superior performance and premium attributes of the Colson branded product line. All Encore products are backed with a 1-year warranty. Visit www.colsoncaster.com/warranty for the full warranty explanation.

If you are ready to make a purchase, or simply want more product information or CAD models, please visit www.EncoreCaster.com.



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Encore Wheels & ComponentsEncore Wheels
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Swivel & Rigid

encore

WHERE ECONOMY MEETS QUALITY

— 2 SeriesCapacity up to
260 lbs each**Standard Features**

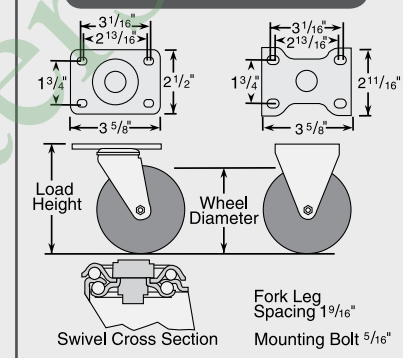
- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- $\frac{3}{8}$ " solid axle with lock nut
- Permanent rivet kingpin with $\frac{5}{8}$ " diameter rivet
- Economically priced and available on the container program

**Caster Brake**

Total Lock
(See page 96) Locks wheel and swivel simultaneously. Fits 3-1/2", 4" and 5" swivel models. Field installable (Specify BRK5).



Top Lock
(See page 96) Available on all swivel models. Field installable (Specify BRK1).

Wheel Selection**Standard Dimensions****Encore 2 Series Casters • Top Plate Swivel & Rigid • Capacity up to 260 lbs**

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Swivel Top Plate Caster Models	Rigid Top Plate Caster Models	Wheel Bearing	Load Height	Swivel Radius	Weight (Pounds)
2 1/2"	1 1/4"	200	Ecopoly	E2.02756.955	E2.02708.955	Ball	3 8/8"	2 13/32"	1 5/8
3"	1 1/4"	180	Ecoforma Rubber (Flat)	E2.03856.485	E2.03808.485	Ball	4 1/8"	2 21/32"	1 3/4
		200	Ecopoly	E2.03856.955	E2.03808.955	Ball	4 1/8"	2 21/32"	2
3 1/2"	1 1/4"	170	Ecoforma Rubber (Round)	E2.03756.585	E2.03708.585	Ball	4 11/16"	2 29/32"	2 1/4
		200	Ecoforma Rubber (Flat)	E2.03756.485	E2.03708.485	Ball	4 11/16"	2 29/32"	2
			Ecopoly	E2.03756.955	E2.03708.955	Ball	4 11/16"	2 29/32"	1 7/8
4"	1 1/4"	220	Ecopoly	E2.04756.955	E2.04708.955	Ball	5 1/8"	3 7/32"	2 1/8
		240	Ecoforma Rubber (Flat)	E2.04756.485	E2.04708.485	Ball	5 1/8"	3 7/32"	2 1/4
5"	1 1/4"	200	Ecoforma Rubber (Round)	E2.05756.585	E2.05708.585	Ball	6 3/16"	3 3/16"	3
		240	Ecopoly	E2.05756.955	E2.05708.955	Ball	6 3/16"	3 3/16"	2 1/2
		260	Ecoforma Rubber (Flat)	E2.05756.485	E2.05708.485	Ball	6 3/16"	3 3/16"	2 3/4

Swivel & Rigid

encore

WHERE ECONOMY MEETS QUALITY



— Dolly Caster

Capacity up to
260 lbs each

Standard Features

- Durable and cost-effective zinc plated finish
- Double ball swivel raceways for better performance and greater strength
- Single insert molded wheel bearing offers smooth rolling and is maintenance free for the life of the dolly
- Unique tread material is non-marking and resists cutting or tearing like other TPR materials
- Applications include moving dollies, medium duty material handling carts, stock carts and more



Encore Dolly

Caster Brake



Top Lock

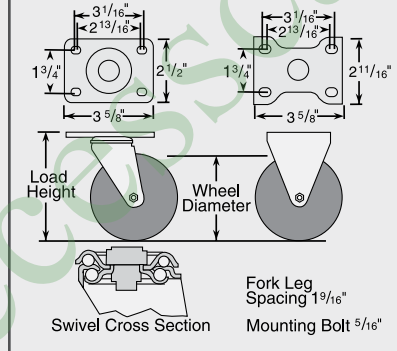
Brake is not field installable. Available with standard top plate only. Specify "B1" to order with caster.



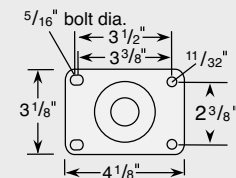
Total Lock

Brake is not field installable. Available with standard top plate only. Specify "B5" to order with caster.

Standard Dimensions



Optional Top Plate



59 Top Plate: Available on swivel model only. To order caster with MTG59 top plate, change seventh digit to "9" (Example: E2.D3859.465).

Encore Dolly Casters • Top Plate Swivel & Rigid • Capacity to 260 lbs

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Swivel Top Plate Caster Models	Rigid Top Plate Caster Models	Load Height	Swivel Radius	Weight lbs (Rigid Deduct 1 lbs.)
3"	1 $\frac{1}{4}$ "	180	TPR (Flat/Grey)	E2.D3856.465	E2.D3808.465	4 $\frac{1}{8}$ "	2 $\frac{19}{32}$ "	1 $\frac{5}{8}$
3 $\frac{1}{2}$ "	1 $\frac{1}{4}$ "	200	TPR (Flat/Grey)	E2.D3756.465	E2.D3708.465	4 $\frac{11}{16}$ "	2 $\frac{27}{32}$ "	1 $\frac{7}{8}$
4"	1 $\frac{1}{4}$ "	240	TPR (Flat/Grey)	E2.D4756.465	E2.D4708.465	5 $\frac{1}{8}$ "	3 $\frac{11}{32}$ "	2
5"	1 $\frac{1}{4}$ "	260	TPR (Flat/Grey)	E2.D5756.465	E2.D5708.465	6 $\frac{3}{16}$ "	3 $\frac{13}{16}$ "	2 $\frac{1}{4}$

Swivel & Rigid

encore

WHERE ECONOMY MEETS QUALITY



— 4 Series

Capacity up to
1000 lbs each



Standard Features

- Zinc plated finish is attractive and durable
- $\frac{1}{2}$ " hollow axle with grease zerk and lock nut
- Plastic seal/retainer washer (roller bearing models)
- $\frac{1}{4}$ " steel top plate for durability
- Permanent rivet kingpin with $\frac{5}{8}$ " diameter rivet
- Grease fittings: wheel bearing and swivel raceway

Caster Brake



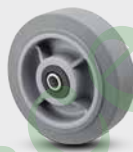
Side Lock
(See page 97) Available on all swivel models equipped with roller bearing or one piece Delrin models. Field installable (Specify **BRK3**).



Top Lock
(See page 98) Available on all swivel models. Field installable (Specify **BRK7**).

Wheel Selection

Ecoforma
Flat



Ecoforma
Round



Moldon Rubber
Cast Iron



Glass Filled
Nylon



Ecopoly



Polyurethane
Cast Iron



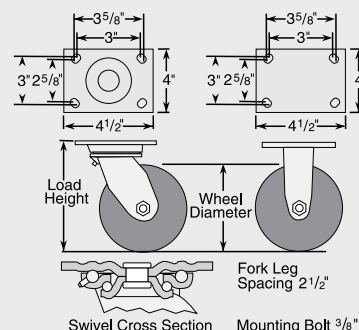
Polyolefin



Cast Iron



Standard Dimensions



Encore 4 Series Casters • Top Plate Swivel & Rigid • Capacity to 1000 lbs

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Swivel Top Plate Roller Bearing Caster Models	Rigid Top Plate Roller Bearing Caster Models	Optional Bearings (Order information below chart)	Load Height	Swivel Radius	Weight lbs (Rigid Deduct 1.5 lbs)
4"	2"	280	Ecoforma Rubber (Flat)	E4.04169.479	E4.04168.479	Delrin, PPBB	5 5/8"	3 9/16"	5 3/4
		320	Moldon Rubber (Cast Iron Core)	E4.04169.649.7	E4.04168.649.7	Delrin	5 5/8"	3 9/16"	7 1/4
		480	Ecopoly	E4.04169.929.7	E4.04168.929.7	Delrin	5 5/8"	3 9/16"	4 3/4
		500	Polyolefin	E4.04169.839	E4.04168.839	Delrin, PPBB	5 5/8"	3 9/16"	4 1/2
		560	Moldon Polyurethane (Cast Iron Core)	E4.04169.949.7	E4.04168.949.7	Delrin	5 5/8"	3 9/16"	7 1/4
		640	Glass Filled Nylon	E4.04169.539	E4.04168.539	Delrin	5 5/8"	3 9/16"	4 1/8
		800	Cast Iron	E4.04169.139	E4.04168.139	Delrin	5 5/8"	3 9/16"	7 7/8
5"	2"	300	Ecoforma Rubber (Flat)	E4.05169.479	E4.05168.479	Delrin, PPBB	6 1/2"	4 1/4"	6 1/8
		320	Moldon Rubber (Cast Iron Core)	E4.05169.649.7	E4.05168.649.7	Delrin	6 1/2"	4 1/4"	8 1/8
		600	Ecopoly	E4.05169.929.7	E4.05168.929.7	Delrin	6 1/2"	4 1/4"	4 3/4
			Polyolefin	E4.05169.839	E4.05168.839	Delrin, PPBB	6 1/2"	4 1/4"	4 7/8
		800	Moldon Polyurethane (Cast Iron Core)	E4.05169.949.7	E4.05168.949.7	Delrin	6 1/2"	4 1/4"	8 1/8
			Glass Filled Nylon	E4.05169.539	E4.05168.539	Delrin	6 1/2"	4 1/4"	4 1/2
			Cast Iron	E4.05169.139	E4.05168.139	Delrin	6 1/2"	4 1/4"	8 7/8
6"	2"	360	Ecoforma Rubber (Round)	E4.06169.579	E4.06168.579	Delrin, PPBB	7 1/2"	5"	6 1/8
			Moldon Rubber (Cast Iron Core)	E4.06169.649.7	E4.06168.649.7	Delrin	7 1/2"	5"	10 1/2
		480	Ecoforma Rubber (Flat)	E4.06169.479	E4.06168.479	Delrin, PPBB	7 1/2"	5"	6 1/8
		600	Polyolefin	E4.06169.839	E4.06168.839	Delrin, PPBB	7 1/2"	5"	5 1/2
		720	Ecopoly	E4.06169.929.7	E4.06168.929.7	Delrin	7 1/2"	5"	5
		960	Moldon Polyurethane (Cast Iron Core)	E4.06169.949.7	E4.06168.949.7	Delrin	7 1/2"	5"	10 1/2
			Glass Filled Nylon	E4.06169.539	E4.06168.539	Delrin	7 1/2"	5"	4 3/4
		1000	Cast Iron	E4.06169.139	E4.06168.139	Delrin	7 1/2"	5"	9 3/4
8"	2"	400	Moldon Rubber (Cast Iron Core)	E4.08169.649.7	E4.08168.649.7	Delrin	9 1/2"	6 1/2"	13 1/4
		480	Ecoforma Rubber (Round)	E4.08169.579	E4.08168.579	Delrin, PPBB	9 1/2"	6 1/2"	6 1/4
		540	Ecoforma Rubber (Flat)	E4.08169.479	E4.08168.479	Delrin, PPBB	9 1/2"	6 1/2"	6 1/4
		800	Ecopoly	E4.08169.929.7	E4.08168.929.7	Delrin	9 1/2"	6 1/2"	5 3/4
		900	Polyolefin	E4.08169.839	E4.08168.839	Delrin, PPBB	9 1/2"	6 1/2"	5 3/4
		1000	Moldon Polyurethane (Cast Iron Core)	E4.08169.949.7	E4.08168.949.7	Delrin	9 1/2"	6 1/2"	13 1/4
			Glass Filled Nylon	E4.08169.539	E4.08168.539	Delrin	9 1/2"	6 1/2"	5 1/2
			Cast Iron	E4.08169.139	E4.08168.139	Delrin	9 1/2"	6 1/2"	12 1/2

Bearing Options

Delrin Bearing

For standard two-piece bearing change 10th digit to "1"
(Example: E4.06169.921.7). One-piece with steel thrust washers (Specify **WB11**).

Pedestal Precision Ball Bearing (PPBB)

To order change 10th digit in model number to "5"
(Example: E4.06169.475).

STAINLESS STEEL

Swivel
& Rigid

encore

WHERE ECONOMY MEETS QUALITY

— 4 Series

Capacity up to
900 lbs each



Standard Features

- Electro-polished stainless steel construction (Grade 304)
- 3/16" thick stainless steel top plate and fork legs for durability
- Permanent rivet kingpin with 5/8" diameter rivet
- Grease fittings: wheel bearing and swivel raceway
- Ideal for harsh environments where frequent wash downs, chemicals and other corrosive elements cause zinc plated casters to rust or corrode

Caster Brake



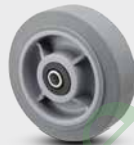
Tech Lock
(See page 98) Available on all swivel models. Field installable (Specify **BRK2**).



Top Lock
(See page 98) Available on all swivel models. Field installable (Specify **BRK7**).

Wheel Selection

Ecoforma Flat



Ecoforma Round



Glass Filled Nylon



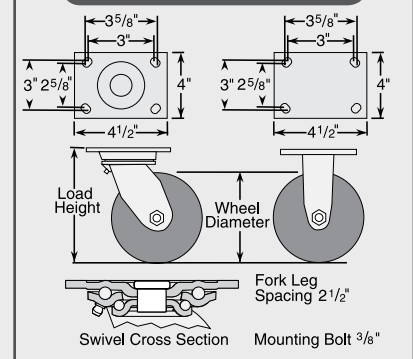
Ecopoly



Polyolefin



Standard Dimensions



Encore 4 Series Casters • Stainless Steel Top Plate Swivel & Rigid • Capacity to 900 lbs

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Swivel Top Plate Roller Bearing Caster Models	Rigid Top Plate Roller Bearing Caster Models	Optional Bearings (Order information below chart)	Load Height	Swivel Radius	Weight lbs (Rigid Deduct 1.5 lbs)
4"	2"	280	Ecoforma Rubber (Flat)	E4.04149.479	E4.04148.479	Delrin, PPBB	55/8"	35/8"	4 1/2
		480	Ecopoly	E4.04149.929.7	E4.04148.929.7	Delrin, PPBB	55/8"	35/8"	4 3/4
		500	Polyolefin	E4.04149.839	E4.04148.839	Delrin, PPBB	55/8"	35/8"	4
		640	Glass Filled Nylon	E4.04149.539	E4.04148.539	Delrin, PPBB	55/8"	35/8"	4 1/4
5"	2"	300	Ecoforma Rubber (Flat)	E4.05149.479	E4.05148.479	Delrin, PPBB	6 1/2"	4 1/4"	4 7/8
		600	Ecopoly	E4.05149.929.7	E4.05148.929.7	Delrin, PPBB	6 1/2"	4 1/4"	4 7/8
			Polyolefin	E4.05149.839	E4.05148.839	Delrin, PPBB	6 1/2"	4 1/4"	4 3/8
		800	Glass Filled Nylon	E4.05149.539	E4.05148.539	Delrin, PPBB	6 1/2"	4 1/4"	4 5/8
6"	2"	360	Ecoforma Rubber (Round)	E4.06149.579	E4.06148.579	Delrin, PPBB	7 1/2"	5 1/16"	5 1/8
		480	Ecoforma Rubber (Flat)	E4.06149.479	E4.06148.479	Delrin, PPBB	7 1/2"	5 1/16"	5 1/4
		600	Polyolefin	E4.06149.839	E4.06148.839	Delrin, PPBB	7 1/2"	5 1/16"	4 3/4
		720	Ecopoly	E4.06149.929.7	E4.06148.929.7	Delrin, PPBB	7 1/2"	5 1/16"	5 3/8
		900	Glass Filled Nylon	E4.06149.539	E4.06148.539	Delrin, PPBB	7 1/2"	5 1/16"	5
8"	2"	480	Ecoforma Rubber (Round)	E4.08149.579	E4.08148.579	Delrin, PPBB	9 1/2"	6 9/16"	6
		540	Ecoforma Rubber (Flat)	E4.08149.479	E4.08148.479	Delrin, PPBB	9 1/2"	6 9/16"	6 1/4
		800	Ecopoly	E4.08149.929.7	E4.08148.929.7	Delrin, PPBB	9 1/2"	6 9/16"	5 1/2
			Polyolefin	E4.08149.839	E4.08148.839	Delrin, PPBB	9 1/2"	6 9/16"	5 1/4
		900	Glass Filled Nylon	E4.08149.539	E4.08148.539	Delrin, PPBB	9 1/2"	6 9/16"	5 3/4

Bearing Options

Delrin Bearing

For standard two-piece bearing change 10th digit to "1" (Example: E4.06149.921.7). One-piece with steel thrust washers (Specify **WB11**).

Pedestal Precision Ball Bearing (PPBB)

Stainless steel precision ball bearing available; please consult factory for ordering details.

Ecoforma Wheels



1 1/4" Tread Width
Ecoforma Flat



2" Tread Width
Ecoforma Flat

Ecoforma wheels offer the advantages of both hard and soft tread materials in a single wheel. Like a hard tread wheel, Ecoforma rolls easily and is very durable. Like a soft tread wheel, it rolls quietly, protects floors and resists impacts with a cushion ride. It also features maximum weatherability, low temperature flexibility, resistance to chemicals, water and steam, and rejects floor debris such as metal shavings. Non-marking thermoplastic elastomer tread is permanently bonded to durable polyolefin wheel core.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 70(±5) Durometer Shore A scale.

Encore Ecoforma Wheels • Flat Grey Tread • Capacity up to 540 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length	
3"	1 1/4"	180	Ball	E2.00033.485	1/2"	29/32"	1 7/16"	3/8"	1 1/2"	1/2
3 1/2"	1 1/4"	200	Ball	E2.00003.485	1/2"	29/32"	1 7/16"	3/8"	1 1/2"	3/8
4"	1 1/4"	240	Ball	E2.00004.485	1/2"	29/32"	1 7/16"	3/8"	1 1/2"	3/4
	2"	280	Roller	E5.00004.479	3/4"	13/16"	2 3/16"	1/2"	2 7/16"	1 1/4
5"	1 1/4"	260	Ball	E2.00005.485	1/2"	29/32"	1 7/16"	3/8"	1 1/2"	7/8
	2"	300	Roller	E5.00005.479	3/4"	13/16"	2 3/16"	1/2"	2 7/16"	1 1/2
6"	1 1/4"	280	Ball	E2.00006.485	1/2"	29/32"	1 1/32"	3/8"	1 7/64"	1 3/4
	2"	480	Roller	E5.00006.479	3/4"	13/16"	2 3/16"	1/2"	1 1/2"	1 3/4
8"	2"	540	Roller	E5.00008.479	3/4"	13/16"	2 3/16"	1/2"	2 7/16"	2 1/2

Pedestal Precision Ball Bearing (PPBB) Option (2" tread width): Change the 10th digit to "5" (Example: E5.00004.475).

2-Piece Delrin Bearing With Bushing Option (2" tread width): Change the 10th digit to "1" (Example: E5.00004.471).

Less Bearing Option (2" tread width): Change the 10th digit to "6" (Example: E5.00004.476).

Ecoforma Wheels

1 5/16" Tread Width
Ecoforma Round2" Tread Width
Ecoforma Round

Ecoforma wheels offer the advantages of both hard and soft tread materials in a single wheel. Like a hard tread wheel, Ecoforma rolls easily and is very durable. Like a soft tread wheel, it rolls quietly, protects floors and resists impacts with a cushion ride. It also features maximum weatherability, low temperature flexibility, resistance to chemicals, water and steam, and rejects floor debris such as metal shavings. Non-marking thermoplastic elastomer tread is permanently bonded to durable polyolefin wheel core.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 70(±5) Durometer Shore A scale.

Encore Ecoforma Wheels • Round Grey Tread • Capacity up to 480 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length	
3 1/2"	1 5/16"	170	Ball	E2.00003.585	1/2"	29/32"	1 7/16"	3/8"	1 1/2"	1/4
5"	1 5/16"	200	Ball	E2.00005.585	1/2"	29/32"	1 7/16"	3/8"	1 1/2"	7/8
6"	2"	360	Roller	E5.00006.579	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	1 5/8
8"	2"	480	Roller	E5.00008.579	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	2 1/4

Pedestal Precision Ball Bearing (PPBB) Option (2" tread width): Change the 10th digit to "5" (Example: E5.00006.575).

2-Piece Delrin Bearing With Bushing Option (2" tread width): Change the 10th digit to "1" (Example: E5.00006.571).

Less Bearing Option (2" tread width): Change the 10th digit to "6" (Example: E5.00006.576).

Ecopoly Wheels

1 1/4" Tread Width
Ecopoly2" Tread Width
Ecopoly

Industrial strength polyurethane tread bonded to "ribbed" polyolefin core. This design adds strength for loads subjected to shock and hard impacts. Tread is molded in, around and through a ribbed extension of the core to prevent debonding. Standard colors are burgundy tread on grey core. **Not recommended for conditions of continuous operation such as tow-line, etc.**

Temperature range: -45°F to +180°F.

Hardness: 55(±5) Durometer Shore D scale.

Encore Ecopoly Wheels • Capacity up to 800 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length	
2 1/2"	1 1/4"	200	Ball	E2.00002.955	1/2"	29/32"	1 7/16"	3/8"	1 1/2"	1/4
3"	1 1/4"	160	Ball	E2.00033.955	1/2"	29/32"	1 7/16"	3/8"	1 1/2"	1/3
3 1/2"	1 1/4"	200	Ball	E2.00003.955	1/2"	29/32"	1 7/16"	3/8"	1 1/2"	3/8
4"	1 1/4"	220	Ball	E2.00004.955	1/2"	29/32"	1 7/16"	3/8"	1 1/2"	1/2
	2"	480	Roller	E5.00004.929.7	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	1 1/2
5"	1 1/4"	240	Ball	E2.00005.955	1/2"	29/32"	1 7/16"	3/8"	1 1/2"	1/4
	2"	600	Roller	E5.00005.929.7	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	1 1/2
6"	1 1/4"	300	Ball	E2.00006.955	1/2"	29/32"	1 7/16"	3/8"	1 1/2"	1/4
	2"	720	Roller	E5.00006.929.7	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	1 7/8
8"	2"	800	Roller	E5.00008.929.7	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	1 3/4

Pedestal Precision Ball Bearing (PPBB) Option (2" tread width): Change the 10th digit to "5" (Example: E5.00004.925.7).

2-Piece Delrin Bearing With Bushing Option (2" tread width): Change the 10th digit to "1" (Example: E5.00004.921.7).

Less Bearing Option (2" tread width): Change the 10th digit to "6" (Example: E5.00004.926.7).

Polyolefin Wheels



Polyolefin wheels are designed for hard impacts and heavy loads. This wheel is light in weight but offers impact strength far superior to hard rubber wheels. It also provides superior resistance to most oils, chemicals, grease, gasoline, cooking fats and acids. This wheel is stain resistant, non-marking and does not absorb water.

Temperature range: -45°F to +180°F.

Hardness: 70(±5) Durometer Shore D scale.

Encore Polyolefin Wheels • Capacity up to 900 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length	
4"	2"	500	Roller	E5.00004.839	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	3/4
5"	2"	600	Roller	E5.00005.839	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	1
6"	2"	600	Roller	E5.00006.839	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	1 1/4
8"	2"	900	Roller	E5.00008.839	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	1 1/2

Pedestal Precision Ball Bearing (PPBB) Option: Change the 10th digit to "5" (Example: E5.00004.835).

2-Piece Delrin Bearing With Bushing Option: Change the 10th digit to "1" (Example: E5.00004.831).

Less Bearing Option: Change the 10th digit to "6" (Example: E5.00004.836).

Glass Filled Nylon Wheels



Encore Glass Filled Nylon wheels feature an exclusive, ultra tough thermoplastic compound that resists hard impacts and drop-shocks. The wheel is impervious to most chemicals, solvents, salts, gases, alkalines and steam cleaning and does not absorb water. When compared to other hard tread wheels, these Glass Filled Nylon wheels require less force to roll and swivel. It is ideal for many industrial and institutional applications and is NSF listed for the food service industry. The wheel is non-marking.

Temperature range: -45°F to +180°F (normal). To +350°F if you specify a bronze or roller bearing with mid-temp grease.

Hardness: 85(±5) Durometer Shore D scale.

Encore Glass Filled Nylon Wheels • Capacity up to 1120 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length	
4"	2"	640	Roller	E5.00004.539	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	1
5"	2"	800	Roller	E5.00005.539	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	1 1/4
6"	2"	960	Roller	E5.00006.539	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	1 1/2
8"	2"	1120	Roller	E5.00008.539	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	2

Pedestal Precision Ball Bearing (PPBB) Option: Change the 10th digit to "5" (Example: E5.00004.535).

2-Piece Delrin Bearing With Bushing Option: Change the 10th digit to "1" (Example: E5.00004.531).

Less Bearing Option: Change the 10th digit to "6" (Example: E5.00004.536).

Moldon Rubber Cast Iron Wheels



Moldon rubber is bonded to the cast iron core. These wheels are quiet in operation and absorb shock and vibration. They help prolong equipment life and protect cargo.

Temperature Range: -45°F to +160°F.

Finish: Black painted cast iron wheel core.

Hardness: 70(±5) Durometer Shore A scale.



Encore Moldon Rubber Cast Iron Wheels • Capacity up to 400 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length	
4"	2"	320	Roller	E5.00004.649.7	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	4 3/8
5"	2"	320	Roller	E5.00005.649.7	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	5
6"	2"	360	Roller	E5.00006.649.7	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	5 5/8
8"	2"	400	Roller	E5.00008.649.7	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	9 1/4

Less Bearing Option: change the 10th digit to "6" (Example E5.00004.646.7).

Polyurethane Cast Iron Wheels

This strong, ultra-durable wheel has a very high strength-to-weight ratio and is capable of long service under heavy loads. Red polyurethane is bonded to the cast iron core.

Temperature Range: -45°F to +180°F.

Hardness: 95(±5) Durometer Shore A scale.

Finish: Silver paint (wheel core).



Encore Polyurethane Cast Iron Wheels • Capacity up to 1200 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length	
4"	2"	560	Roller	E5.00004.949.7	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	4 3/4
5"	2"	800	Roller	E5.00005.949.7	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	5
6"	2"	960	Roller	E5.00006.949.7	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	5 5/8
8"	2"	1200	Roller	E5.00008.949.7	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	9 1/4

Less Bearing Option: change last digit to "6" (Example: E5.00004.946.7).

Cast Iron Wheels

This wheel should be specified when excessive load weights are involved and floor protection is not a factor. Cast iron wheels have high strength to withstand sharp impacts. They should not be used if noise is of major concern or if loads are fragile.

Temperature range: -45°F to +180°F.

Finish: Silver paint.

Encore Cast Iron Wheels • Capacity up to 1500 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length	
4"	2"	1000	Roller	E5.00004.139	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	3 3/8
5"	2"	1000	Roller	E5.00005.139	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	5 1/8
6"	2"	1500	Roller	E5.00006.139	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	5 3/4
8"	2"	1500	Roller	E5.00008.139	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	8 1/2

Less Bearing Option: Change the 10th digit to "6" (Example E5.00004.136).

Hand Truck Wheels



Featuring an off-set hub design, these light weight, high performance hand truck wheels roll longer, quieter and smoother without marking floors.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 55(±5) Shore A Scale.

Encore Hand Truck Wheels • Round Black/Grey Tread • Capacity up to 600 lbs each



Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel		Hub		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Length Less Bearing	Length With Bearing	
Round Black Tread Models									
8"	2"	280	None (1 3/4" Offset Hub)	E5.00008.586.2	N/A	1 3/8"	1 3/4"	2 1/4"	2 1/4
8"	2"	280	Ball (2" Offset Hub)	E5.00008.585.2	5/8"	1 3/8"	1 3/4"	2 1/4"	2 1/4
8"	2"	280	None (2" Offset Hub)	E5.00008.596.2	N/A	1 3/8"	2"	2 1/4"	2 1/4
8"	2"	280	Ball (2 1/4" Offset Hub)	E5.00008.595.2	5/8"	1 3/8"	2"	2 1/4"	2 1/4
10"	2"	600	None (2" Offset Hub)	E5.00010.596.2	N/A	1 3/8"	2"	2 1/4"	2 7/10
10"	2"	600	Ball (2 1/4" Offset Hub)	E5.00010.595.2	5/8"	1 3/8"	2"	2 1/4"	2 7/10
Round Grey Tread Models									
8"	2"	280	None (1 3/4" Offset Hub)	E5.00008.586	N/A	1 3/8"	1 3/4"	2 1/4"	2 1/4
8"	2"	280	Ball (2" Offset Hub)	E5.00008.585	5/8"	1 3/8"	1 3/4"	2 1/4"	2 1/4
8"	2"	280	None (2" Offset Hub)	E5.00008.596	N/A	1 3/8"	2"	2 1/4"	2 1/4
8"	2"	280	Ball (2 1/4" Offset Hub)	E5.00008.595	5/8"	1 3/8"	2"	2 1/4"	2 1/4
10"	2"	600	None (2" Offset Hub)	E5.00010.596	N/A	1 3/8"	2"	2 1/4"	2 7/10
10"	2"	600	Ball (2 1/4" Offset Hub)	E5.00010.595	5/8"	1 3/8"	2"	2 1/4"	2 7/10



Encore Hand Truck Wheels • Flat Grey Tread • Capacity up to 500 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel		Hub		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Length Less Bearing	Length With Bearing	
10"	1 1/2"	500	None (Center Hub)	E4.00010.446	N/A	1 3/8"	2"	2 1/4"	2 7/10
10"	1 1/2"	500	Ball (Center Hub)	E4.00010.445	5/8"	1 3/8"	2"	2 1/4"	2 7/10

Moldon Polyurethane Cast Iron Wheels

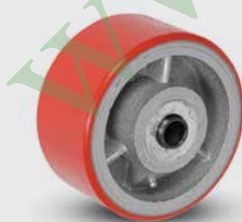
A strong, ultra-durable wheel, this wheel has a very high strength-to-weight ratio and is capable of long service under heavy loads. Red polyurethane is bonded to cast iron core.

Temperature range: -45°F to +180°F.

Hardness: 95(±5) Durometer Shore A scale.

Finish: Silver paint (wheel core).

Encore Moldon Polyurethane Cast Iron Wheels • Capacity up to 2800 lbs each



Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length	
6"	3"	1632	Roller	E7.00006.979.7	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	10 1/2
8"	3"	2000	Roller	E7.00008.979.7	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	11 1/2
10"	3"	2400	Roller	E7.00010.979.7	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	13
12"	3"	2800	Roller	E7.00012.979.7	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	16

Encore Caster Components

Encore 2 Series Components

Swivel Forks



Wheel Dia.	Tread Width	Caster Fork Part #
2 1/2"	1 1/4"	E2.02756
3"	1 1/4"	E2.03856
3 1/2"	1 1/4"	E2.03756
4"	1 1/4"	E2.04756
5"	1 1/4"	E2.05756
6"	1 1/4"	E2.06756

Rigid Forks



Wheel Dia.	Tread Width	Caster Fork Part #
2 1/2"	1 1/4"	E2.02708
3"	1 1/4"	E2.03808
3 1/2"	1 1/4"	E2.03708
4"	1 1/4"	E2.04708
5"	1 1/4"	E2.05708
6"	1 1/4"	E2.06708

Total Lock Brake Kits



Wheel Dia.	Kit Numbers
3 1/2"	52023.03
4"	52023.04
5"	52023.05

Locks wheel and swivel simultaneously. Specify "BRK5" with caster.

Top Lock Brake Kits



Wheel Dia.	Kit Numbers
2 1/2"	52023.62
3"	52020.96
3 1/2"	52020.93
4"	52020.94
5"	52023.65

Kit includes solid axle.

Cam activated brake locks wheel. Specify "BRK1" with caster.

Wheel Bearings



Delrin
Part Number: 52008.48
(2 required)

Axle Kits



Part Number: 05954.12
3/8" diameter x 2-3/32" length

Encore 4 Series Components

Swivel Forks



Wheel Dia.	Tread Width	Caster Fork Part #
4"	2"	E4.04169
5"	2"	E4.05169
6"	2"	E4.06169
8"	2"	E4.08169

Rigid Forks



Wheel Dia.	Tread Width	Caster Fork Part #
4"	2"	E4.04168
5"	2"	E4.05168
6"	2"	E4.06168
8"	2"	E4.08168

Side Lock Brake Kits



Wheel Dia.	Kit Numbers
4"-5"	05128.30 ¹ 05128.32 ^{2*}
6"-8"	05128.29 ¹ 05128.31 ^{2*}

Wheel Brakes Work On

¹Moldon Polyurethane, Moldon Rubber, Cast Iron

²Ecoforma, Polyolefin, Ecopoly, Glass Filled Nylon

*Includes Torrington-style roller bearing.

Design places positive locking force against wheel hub to hold loads securely. Specify "BRK3" with caster.

Top Lock Brake Kits



Wheel Dia.	Kit Numbers
4"	05944.14
5"	05944.15
6"	05944.16
8"	05944.18

Cam activated brake locks wheel. Specify "BRK7" with caster.

Wheel Bearings



Roller
Part Number: 55000.23



Delrin
Part Number: 58037.15
(2 required)



Pedestal Precision Ball
Part Number: 57703.11
(2 required)

Axle Kits



Part Number: 05953.76
1/2" diameter x 3-3/8" long

Encore 4 Series Stainless Steel

Stainless Steel Swivel Forks



Wheel Dia.	Tread Width	Caster Fork Part #
4"	2"	E4.04149
5"	2"	E4.05149
6"	2"	E4.06149
8"	2"	E4.08149

Stainless Steel Rigid Forks



Wheel Dia.	Tread Width	Caster Fork Part #
4"	2"	E4.04148
5"	2"	E4.05148
6"	2"	E4.06148
8"	2"	E4.08148

Tech Lock Brake Kits



Wheel Dia.	Kit Numbers
4"	05944.94
5"	05944.95
6"	05944.96
8"	05944.98

Thermoplastic construction with advanced brake pad holds loads securely. Specify "BRK2" with caster.

Top Lock Brake Kits



Wheel Dia.	Kit Numbers
4"	05214.74
5"	05214.75
6"	05214.76
8"	05214.78

Stainless steel design; Cam activated brake locks wheel. Specify "BRK7" with caster.

Wheel Bearings



Stainless Steel Roller
Part Number: 32086.31



Delrin
Part Number: 58037.15
(2 required)



Stainless Steel Pedestal Precision Ball
Part Number: 57703.14
(2 required)

Axle Kit (Stainless Steel)

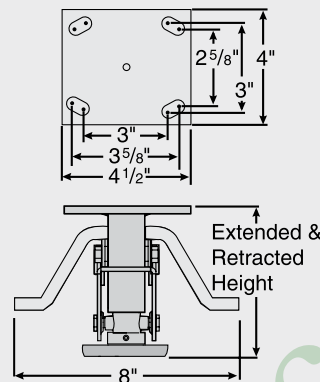


Part Number: 05214.22
1/2" diameter x 3-3/8" long

Encore Floor Lock Brakes



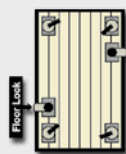
Top Plate Dimensions



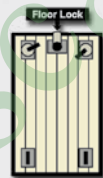
Features

- Designed to hold portable equipment in a desired location
- Activated by toe pressure on the extension pedal or released by toe touching bar
- For best results use in pairs
- Heavy duty construction for industrial strength
- Molded rubber base pad for solid, slip resistant contact
- Adjustable by slight foot pressure for simple, instant locking
- Attractive zinc plated finish

Floor Lock Brake Installation



Recommended Floor Lock mounting position using four swivel casters.



Recommended Floor Lock mounting position using two swivel and two rigid casters.

Encore Floor Lock Brakes are designed for use on level surfaces and are not recommended for use on inclined surfaces. It is important to select a floor lock model that clears the floor when retracted. To adapt a floor lock brake to your present equipment, select a model with an extended height 1/16" to 1/4" greater than the overall height of the caster.

Encore Floor Lock Specifications

MODEL NO.	4" x 4-1/2" TOP PLATE MODELS (4 Series Casters)			
	E9.06045.04	E9.06253.05	E9.06045.06	E9.06025.08
Extended Height	5 5/8"	6 1/2"	7 1/2"	9 1/2"
Retracted Height	4 7/8"	5 3/4"	6 3/4"	8 3/4"
Top Plate Size	4" x 4 1/2"			
Bolt Hole Spacing	3" x 3" to 2 5/8" x 3 5/8"			
Bolt Hole Size	3/8" Slotted			
Weight	3 1/4 lbs.	3 1/2 lbs.	3 3/4 lbs.	4 lbs.
Used with Caster Fork Model Numbers	E4.04169	E4.05169	E4.06169	E4.08169
	E4.04168	E4.05168	E4.06168	E4.08168