



Your
competition
has a wheel
up on you.



Confidence. Control. Apex.

Full of energy

The CC Apex's high quality polyurethane tread stores and exudes energy unlike any other comparable wheel on the market. When force is exerted (by gravity, debris, pushing, or pulling) on the CC Apex, potential energy is built up in the wheel's resilient polyurethane tread and is rapidly released as kinetic energy during movement. The tread's unique composition assists in propelling the wheel, boosting pushing and pulling both before and during rolling, making the CC Apex an **excellent ergonomic choice**.

DID YOU KNOW?

The CC Apex is ergonomically designed to minimize push/pull and reduce work-related injuries

A sound wheel:

The polyurethane tread of the CC Apex embodies a unique mix of resiliency and durability, allowing the wheel to put out low decibel levels during movement. The wheel's quiet performance positions it as an excellent option for users that have low-noise initiatives, such as those in the healthcare and manufacturing industries.

- » The CC Apex's polyurethane tread is soft enough to not raise noise levels by increasing vibration like harder wheels do during rolling, but hard enough to not squeak while in motion

Holds its own:

The CC Apex is capable of handling substantial weight loads without sacrificing performance in other areas. Each size of the CC Apex (4", 5", 6", 8") has weight capacities that are competitive with comparable wheels, allowing it to hold its own in comparison tests. The combination of the wheel's high quality materials and construction allow it to handle the rigors of any recommended use.

- » Weight capacities per wheel diameter (4", 5", 6", 8") are featured on page 7 of this brochure

Ergonomically Efficient:

You won't find a more ergonomic wheel that offers the combination of benefits that the CC Apex does. The mixture of perfect tread durometer, resiliency, shape and weight give the wheel the ability to roll *and* maneuver easily.

- » The high quality polyurethane gives an extra boost to the effort exerted during pushing and pulling
- » The sturdy-yet-lightweight aluminum core won't overheat and won't bog down movement

Durable Polyurethane Tread



The CC Apex's durable polyurethane tread provides the ability to easily dispel debris, such as weld slag and metal chips



The end of slag lag

Automotive plants have some of the most rigorous applications in the material handling world. Many of the applications are running non-stop and can be very demanding on the wheels, which makes it extremely important to understand the application and to make sure to put the correct wheel into the field.

The CC Apex is a softer wheel, which is needed in order to allow metal shavings to be deflected. The high quality polyurethane wheel can withstand the constant movement. Due to this unique combination, the CC Apex picks up no weld slag - *unlike the wheel shown on the left*. No weld slag = no slag lag!



Protects floors, reduces noise and dispels debris



Skid resistant for tow-line applications



Maintenance-Free, Double-Sealed Precision Ball Bearing

Terrific in Tow Lines

Tow line applications require casters that feature wheels that are hard enough to handle high weight capacities and soft enough to dispel debris and maintain grip on flooring while maneuvering at high speeds. The CC Apex is capable of meeting all of these requirements because of its unique polyurethane tread. In addition to these capabilities, the CC Apex does not overheat easily during high speed towing because of its aluminum core and because it features a precision ball bearing, which is an ideal bearing for casters in environments that require optimal maneuverability. The list of Fortune 500 CC Apex users and numerous CC Apex success stories will give you the confidence you need to install the CC Apex into your applications.

You may not have heard...

“With [our old] steel wheels, our employees had to really lean into the loaded carts to get them to roll. With the CC Apex wheels, [the carts] have [practically] been rolling away by themselves... As [advertised], these wheels do not pick up metal chips even when rolled through an area that is covered with chips. Our employees are very pleased with the wheels so much that many are asking when their department will be upgraded!”

—Kevin G., Manufacturing and Design

“We have had tremendous success with the CC Apex wheel. They have been in the field for over a year now with no problems at all. We have recommended it to several manufacturing companies that we have partnerships with.”

—Richard C., Assembly Conveyance Specialist

“After trialing [CC Apex] wheels on [their] two carts, the [hospital] maintenance team gave ‘rave reviews’ about the CC Apex, noting a great reduction in noise and a smoother, easier moving cart.”

—Excerpt from CC Apex success story

Product Specs

4 x 2

Part #	Description	Diameter	Tread Width	Overall Height	Capacity
49H862	4 X 2 RIGID CASTER	4"	2"	5-5/8"	650 LBS.
49H861**	4 X 2 KINGPINLESS EXTENDED SWIVEL CASTER	4"	2"	5-5/8"	650 LBS.
49H860*	4 X 2 KINGPINLESS SWIVEL CASTER	4"	2"	5-5/8"	650 LBS.
49H856	4 X 2 WHEEL ONLY	4"	2"	N/A	650 LBS.

5 x 2

Part #	Description	Diameter	Tread Width	Overall Height	Capacity
49H864	5 X 2 RIGID CASTER	5"	2"	6-1/2"	750 LBS.
49H863*	5 X 2 KINGPINLESS SWIVEL CASTER	5"	2"	6-1/2"	750 LBS.
49H857	5 X 2 WHEEL ONLY	5"	2"	N/A	750 LBS.

6 x 2

Part #	Description	Diameter	Tread Width	Overall Height	Capacity
49H867	6 X 2 RIGID CASTER	6"	2"	7-1/2"	1000 LBS.
49H866**	6 X 2 KINGPINLESS EXTENDED SWIVEL CASTER	6"	2"	7-1/2"	1000 LBS.
49H865*	6 X 2 KINGPINLESS SWIVEL CASTER	6"	2"	7-1/2"	1000 LBS.
49H858	6 X 2 WHEEL ONLY	6"	2"	N/A	1000 LBS.

8 x 2

Part #	Description	Diameter	Tread Width	Overall Height	Capacity
19YW84	8 X 2 RIGID CASTER (LARGE TOP PLATE)	8"	2"	10-1/8"	1200 LBS.
19YW85*	8 X 2 KINGPINLESS SWIVEL CASTER (LARGE TOP PLATE)	8"	2"	10-1/8"	1200 LBS.
19YW86**	8 X 2 KINGPINLESS EXTENDED (LARGE TOP PLATE)	8"	2"	10-1/8"	1200 LBS.
19YW83*	8 X 2 KINGPINLESS SWIVEL CASTER	8"	2"	10-1/8"	1200 LBS.
19YW82*	8 X 2 KINGPINLESS SWIVEL CASTER	8"	2"	9-1/2"	1200 LBS.
19YW81	8 X 2 RIGID CASTER	8"	2"	10-1/8"	1200 LBS.
49H870	8 X 2 RIGID CASTER	8"	2"	9-1/2"	1200 LBS.
49H869**	8 X 2 KINGPINLESS EXTENDED SWIVEL CASTER	8"	2"	9-1/2"	1200 LBS.
49H868**	8 X 2 KINGPINLESS EXTENDED SWIVEL CASTER	8"	2"	10-1/8"	1200 LBS.
49H859	8 X 2 WHEEL ONLY	8"	2"	N/A	1200 LBS.

* Kingpinless – Elimination of kingpin eliminates the number one cause of swivel caster failure, the kingpin.

** Kingpinless Extended Lead – Swivel lead is extended to help eliminate chatter and ease the swivel ability. Swivel lead is the distance from the vertical centerline of the swivel section to the vertical centerline of the wheel.

CC Apex and CC Alpha Rigs: A Perfect Pairing

The CC Apex is an excellent caster wheel for those concerned with ergonomics, durability, noise levels and use in tow lines, but it can't be used on its own – you need a rig too! That's why we recommend pairing the CC Apex with the awesome line of **CC Alpha** rigs.

The **CC Alpha** is a kingpinless caster rig that can handle heavy weight loads, performs well in tow lines and offers great durability because of its lack of a kingpin. Without the kingpin, a caster is able to more evenly distribute weight and ease the pressure on the caster. Casters with a kingpin often fail in tow line applications. High-velocity towing can wear down the kingpin and cause catastrophic failure.



Ergonomic Excellence: An Overlooked Attribute

One wheel attribute that is often overlooked regarding its performance is the tread's shape. The CC Apex's unique polyurethane tread features a donut shape that offers smooth maneuverability, even under heavy weight loads. This is yet another factor that helps make the CC Apex a great option for users who want to reduce their risk of injury to their associates, thus reducing downtime and workers' compensation claims.

Notes:



AVAILABLE THROUGH

GRAINGER®

FOR THE ONES WHO GET IT DONE

For more information, contact your
Grainger Representative or visit Grainger.com®.