



FAQ CHAYA

Toe Stopper.

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Which stopper should I use?

FAQ CHAYA TOE STOPPER

Unlike inline skates, which are equipped with a single heel brake, roller skates feature one toe stop on each skate. Each roller skate discipline has different requirements. Performance of the toe stop will be different for each discipline for the skater decides to participate in. A few important characteristics should be taken into account as you decide which style, size, and thread of toe stop you choose.

WHICH STOPPER SHOULD I USE?

ROLLER DERBY

As Roller Derby has evolved, toe stops have become an integral part of maneuverability for the skater. The toe stop is an essential part of your skate which allows you to pivot, gain more speed, and help hold the pack on a more stable, flat surface. You can stop and accelerate quickly or even give you a platform to jump the apex or around to get through the pack. Derby players like to adjust their toe stops following their personal preferences and therefore often use toe stops featuring a long stem. More information on the topic can be found under "Stem".

All Chaya Roller Derby skates are equipped with long stem toe stops.

PARK SKATING

Park Skaters prefer to keep their toe stops closer to the boot or in other words: further from the ground to avoid bites on ledges, copings, or other obstacles. They usually use toe stops featuring a short stem.

All Chaya Park skates are equipped with short stem toe stoppers.

JAM AND DANCE

Jam plugs have been used as replacements for toe stops because the traditional toe stop becomes a hindrance to a dance/jam skater. Jam plugs are not designed for stopping. Jam and dance skaters use the plugs because they often hit the floor with the front of their plates and might damage the dance floors and or the plate itself. Plugs are often made of injected plastic and which may either be harder or softer depending on the skater's preference.



Which stopper should I use?

LIFESTYLE

Cost-efficient lifestyle skates are mainly equipped with fixed toe stops which can't be adjusted in height. More higher-end skates use toe stops with a long, adjustable stem which allows the skater to set them at a perfect height.

WHICH MATERIAL IS USED FOR TOE STOPPERS?

Entry-level roller skates, like kids skates and/or price point skates, are often equipped with very hard injected plastic stops. They don't provide a good stopping function. Polyurethane (PU) stoppers offer a better grip and performance. They are very common in lifestyle skates.

High-end toe stops use a blend of natural and artificial rubber which offers the best bite and performance as well as the best lifespan. The density of the stopper refers to how hard the compound is. Harder stoppers will be more durable but may not provide enough grip to stop effectively, especially on slippery surfaces. Soft compounds are less durable but can provide smoother, more aggressive stops in most cases.

For Chaya Cherry Bomb and Controller toe stoppers, we use a mix of natural and synthetic rubber materials.

Toe stopper used on Chaya entry-level skates featuring either the Galaxy or Aja plate are made of injected PU.

WHICH PROFILE SHOULD I CHOOSE?

This is the shape of the stopper and can be categorized as having either a traditional orbital shape as well as a more modern shape with a flat surface. Rounded stops have a smaller contact area which allows for enhanced agility and it's easier to change direction.

Flat toe stops have a larger contact area which provides great stability and allows fast and aggressive stops.

Chaya Cherry bomb and Controller stopper come with a flat surface.



Which stopper should I use?

WHICH STOPPER SIZE AND/ OR SHAPE WORKS BEST?

Also referred to as the footprint or face of the stopper. The most common shape is circular but you can also find many options with cutouts and shapes in the market. Besides the shape, the size of toe stops has some influence on your performance. Smaller stops are more agile and larger stops provide more stability and a better bite.

Chaya toe stoppers have a circular shape with a decent size to offer a stable platform and good "bite."

LONG OR SHORT STEM - WHICH WORKS BEST FOR ME?

The stem is the threaded part of the toe stop that screws into the toe stop housing. The most common standard used for the thread is 5/8".

There are short and long stems. The average length varies from around 17mm to 30mm.

The stem length will help determine how close to the ground your toe stop sits. A majority of Derby players prefer to use stops with long stems which allows the skaters to customize the toe stop height. This ensures the stop is locked with enough threads in the plate housing. Park skaters are looking for short stem stops which place the stop out of the way while still giving the skater peace of mind knowing that the stop is still there for potential support or maneuverability.

Chaya offers stoppers with both, long and short stems.

CAN I USE MY CHAYA CHERRY BOMB OR CONTROLLER STOPPER ON A NON-CHAYA ROLLER SKATE?

Chaya stoppers feature a stem with 5/8" standard thread which is the most common size in the market used by many brands. Cherry Bomb and controller stopper can be used for other plates on the market as well and vice-versa, you could also combine a non-Chaya toe stopper with your Chaya plate. Just double-check the thread standard to make sure it fits your plate.