



WE PUT THE ACTION IN TRACTION™

STUD SELECTION GUIDE

Woody's offers a variety of snowmobile studs in order to serve the needs and desires of each unique outdoorsman and their vehicle. From the track to the trail and beyond, there is something for everyone.

Take a cruise through this stud selection guide to better understand the features and benefits of Woody's studs. As you near the end, you should feel confident in choosing the stud, or combination of studs, best suited for you.

FIRST THINGS FIRST

Determine Your Track Ply & Riding Style

Before selecting a stud, it is crucial to know your track ply. Is it single-ply or two-ply? Studs for single-ply tracks are designed with a shorter shoulder and a larger diameter head to produce the same stud retention as a two-ply track. **Studs designed for two-ply tracks should never be used in single-ply tracks, and vice versa.**

The next step is determining your riding style. Do you ride for fun, for work, or do you compete? Do you like to cruise around, or push your sled to its limits? Where will you be riding? These important factors contribute to the selection of your stud.

RIDING STYLES:



Trail

Your ride is fed by snowy grounds and defined routes. You're somewhat unpredictable, going from aggressive cornering and high speed straightaways to cruising some ungroomed, compacted trails.

Riding Conditions: Groomed snowmobile trails, ungroomed trails with enough traffic to be compacted, bare or lightly covered ice



Utility

The phrase "all work, no play" doesn't necessarily apply to you. Your sled gets you where you need to go in a timely manner, no matter what the conditions are.

Riding Conditions: Bare or lightly covered ice, groomed trails, ungroomed trails, ditch lines, roads, fields, ski hills



Boondocking

You're up for a challenge – control is needed in order to play in the snow. If you had it your way, you'd rack up the miles in deep, loose snow, alternating from trails, to ditch lines, to fields. Making your own path sounds like a dream.

Riding Conditions: Ungroomed, low-traffic trails, ditch lines, unexplored grounds, two tracks, fields



Competition

Riding is more than a hobby to you, it's a lifestyle. You rely on speed, precision, and control while competing. Racing is your passion and whether it's an oval track, a drag strip, a hill climb, or a course, you're in search of the most competitive edge.

Riding Conditions: Ice ovals, ice drags, grass, dirt, snow, competitive courses, ski hills

A FEW FEATURES & BENEFITS

Countless hours of research, development, and testing exist behind each of Woody's studs. Each detail serves a purpose and demonstrates why Woody's studs set the bar for the industry:

- **Zinc Plating** – Reduces corrosive effects of rust
- **60° Carbide Pin** – Protects the stud from wear and penetrates the terrain for effective traction
- **Stud Hex** – A hex bit fits snug into the stud head to prevent spinning while tightening the nut
- **Material** – Formed from steel and through-hardened for longevity and strength
- **Stud Shoulder Design** – Prevents over-tightening of support plate to avoid excessive pressure / track damage
- **Tip Design** – Ranging from 30° angles to flat tips for a multitude of terrains and riding styles
- **Patented Traction Master® Head Design** – These studs have a concave head that suction the track upon installation, providing extreme stud rigidity and support, minimizing potential stud pull-throughs, and resisting flexing under normal braking/acceleration. Dished outer head allows studs to be placed under drive and idler wheels if necessary.

IT'S GO TIME!

Examine our studs and find your match. Locate the section of studs that apply to your track ply. Next, find the icon that corresponds with your riding style. If you still have questions after reviewing this Stud Selection Guide, visit WoodysTraction.com and "Ask The Experts".

RIDING STYLE LEGEND



Trail



Utility



Boondocking



Competition

SINGLE-PLY Push-Through Style

Single-ply studs are specially designed for lightweight track technology and must be used with Grand Digger® support plates.

Grand Master®



The most popular single-ply stud available for trail riding – also known as the Ski-Doo Phantom stud and is the only stud that allows you to keep your Ski-Doo track warranty. This durable stud penetrates easily into trails with hard packed snow and ice.



The details...

- 60° carbide pin
- 1.2" head
- carbon steel
- zinc plated
- through-hardened
- 5/16" threads
- anti-rotation lines

Grand Master Pro™



One step up from the Grand Master, this stud has a tip sharpened to match the angle of its 60° carbide insert, allowing for easier penetration. If you're looking for an extra bite of performance while riding trails or boondocking, this is it.



The details...

- 60° carbide pin
- sharpened tip
- 1.2" head
- carbon steel
- zinc plated
- through-hardened
- 5/16" threads
- anti-rotation lines

Grand Trigger™



The first-ever performance stud for single-ply tracks. Ideal on lake ice. This aggressive stud has a narrow, tapered shank that could carve a turkey.



The details...

- 60° carbide pin
- narrow shank
- 1.2" head
- carbon steel
- zinc plated
- through-hardened
- 5/16" threads
- anti-rotation lines

RIDING STYLE LEGEND



Trail



Utility



Boondocking



Competition

TWO-PLY Push-Through Style

Push-through studs have a head and shank formed from one piece of steel, unless stated otherwise, increasing durability and ease of installation. Must be used with Digger® support plates for two-ply tracks.

Gold Digger® Traction Master®



The industry's premier stud with rugged durability. Used to increase your ability to start, stop, and turn safely while riding trails and boondocking. Its patented track-trapping head provides unbeatable rigidity and support while its 60° carbide pin protects the stud from wearing out.



The details...

- 60° carbide pin
- 1.0" head
- carbon steel
- zinc plated
- through-hardened
- 5/16" threads
- patented track-trapping head

Mega-Bite®



Designed with performance in mind, its carbide pin is surrounded by a patented design of four flat sides that increase surface area and paddle snow. You'll have no problem carving through grooves in hard-packed snow and icy trails. The aggressive features of this stud make it an obvious choice for maximizing traction and performance during trail riding and boondocking.



The details...

- 60° carbide pin
- 15/16" head
- carbon steel
- zinc plated
- through-hardened
- 5/16" threads
- anti-rotation lines
- patented shank design

Trigger™



The lake ice stud for two-ply tracks – built to effortlessly penetrate with its narrow, tapered profile and provide ultimate traction in even the iciest conditions. Those with a need for speed in slick conditions should consider this effective option.



The details...

- 60° carbide pin
- narrow shank
- 15/16" head
- carbon steel
- zinc plated
- through-hardened
- 5/16" threads
- anti-rotation lines

Signature Series™



An entry-level stud, affordable for beginners looking to increase safety and control in the trails. This stud is made from a corrosion-resistant stainless steel, keeping your studs looking good even when conditions get bad. Note: Stainless steel studs are less durable than carbon steel studs and are more susceptible to bend under high speeds.



The details...

- 60° carbide pin
- 15/16" head
- stainless steel
- 5/16" threads



Chisel Tooth™ Traction Master®

The Chisel Tooth penetrates like a pointed stud while acting like a flat surface scooper, grabbing the terrain and moving the maximum amount of surface area. Its patented track-trapping head provides unbeatable rigidity and support. Those competing in ice/snow/grass drags are sure to get the hookup with this stud.



The details...

- 1.0" head w/ 5/16" threads
- 7/8" head w/ 7mm threads
- carbon steel
- zinc plated
- through-hardened
- patented track-trapping head



Chisel Tooth™

Intent similar to the Chisel Tooth Traction Master, but offered in longer lengths of 1.630" & 1.860" which cannot accommodate the patented head design.



The details...

- 15/16" head
- carbon steel
- zinc plated
- through-hardened
- 5/16" threads
- anti-rotation lines



Eliminator™ Traction Master®

This narrow profile race stud is ideal for drags, ice oval, cross country racing, and speed runs. Its intensely sharp 30° steel tip has the competitive edge needed to get you the holeshot.



The details...

- 30° steel tip
- 1.0" / 7/8" / 3/4" head
- 5/16" / 7mm / 1/4"-28 threads
- carbon steel
- zinc plated/phosphate coated
- through-hardened
- patented track-trapping head



Modified Gold Digger® Traction Master®

An aggressive spin off the original Gold Digger for our athletes. Designed for enduro, ice oval, and cross country racing with a 60° carbide pin sharpened to a 45° point. Combine that with a patented track-trapping head and a tapered shank for technology that's sure to bring home the win.



The details...

- 45° sharpened carbide pin
- 1.0" head
- carbon steel
- zinc plated
- through-hardened
- 5/16" / 7mm threads
- patented track-trapping head



Snocross

The Snocross stud is made from heat treated carbon steel with a 60° carbide pin – a sturdy combination. Its 1.860" length was created specifically for 1.750" lug tracks that come stock on Ski-Doo, Polaris, and Arctic Cat race sleds.



The details...

- 60° carbide pin
- 15/16" head
- carbon steel
- zinc plated
- through-hardened
- 5/16" threads
- anti-rotation lines



Hollow Snocross/Hill Drag

Lighten your load and crank up the performance! This hollowed out stud is 30% lighter than the original Snocross stud, providing a serious weight advantage for increased speeds. Available in a two-piece construction for 1.750" lugs.



The details...

- 60° carbide pin
- 15/16" head
- carbon steel
- phosphate coated
- through-hardened
- 5/16" threads
- lightweight 2-piece construction



Surface Savage™

The snow drag and hill climb dream. This stud is extremely lightweight and has the largest surface area in the industry. Available in a two-piece construction with a carbon steel body and a flat-tip aluminum cap. Mix and match with other 1.860" studs for the perfect traction pattern.



The details...

- flat tip aluminum cap
- 15/16" carbon steel head
- 5/16" threads
- lightweight 2-piece construction
- anti-rotation lines

RIDING STYLE LEGEND



Competition

TWO-PLY T-Nut Style

T-nut style studs are very popular in the world of competition due to their lightweight construction and ease of quick installation in the heat of the moment.



Eliminator™ & Snap-Off® Eliminator™

A narrow profile race stud ideal for drags, ovals, and speed runs. Its sharp 30° tip aggressively penetrates the ice and provides extreme hookup. Available in regular t-nut and Snap-Off® styles for ease of installation. Extra slim profile available in some lengths.



The details...

- 30° tip
- carbon steel
- zinc plated
- through-hardened
- 0.37" thread length



Titanium Eliminator™

This extra slim profile stud is 47% lighter than steel, ruggedly durable, and anti-corrosive. Ideal for drags, ovals, and speed runs. Its sharp, 30° tip has a bite that provides excellent hookup for a successful holeshoot. Must be special ordered via phone 989-689-4911 or email woodys@wiem.com.



The details...

- 30° tip
- titanium
- 0.34"/0.39" thread length
- extra slim profile
- lightweight



40° Hooker® Eliminator™

Narrow profile competition stud for drags, ovals, and speed runs. Its sharp 40° tip hooks up on hard ice and has what it takes to get you the holeshoot. These studs screw into Hooker plates for fast track-side changes.



The details...

- 40° tip
- carbon steel
- zinc plated
- through-hardened
- 0.165" thread length



40° Titanium Hooker® Eliminator™

The top-of-the-line stud for drags, ovals, and speed runs. This lightweight, titanium stud holds strong, time and time again under extreme speeds. These anti-corrosive studs screw into Hooker plates for quick installation. Must be special ordered via phone 989-689-4911 or email woodys@wiem.com.



The details...

- 40° tip
- titanium
- 0.165" thread length
- lightweight



Chisel Tooth™ & Snap-Off® Chisel Tooth™

Available in a regular t-nut style and a Snap-Off® style for ease of installation. Excellent for ice/snow/grass drags. This stud penetrates like a pointed stud while acting like a flat surface scooper, grabbing the terrain and moving serious surface area.



The details...

- flat tip
- carbon steel
- zinc plated
- through-hardened
- 0.37" thread length



Hooker® Chisel Tooth™

Designed for straight line traction and resistance to sliding corners during ice oval racing and grass drags. Made from through-hardened carbon steel with a flat tip that penetrates the terrain and moves surface area. These studs screw into Hooker plates for quick installation. If you want the holeshot, you've got it.



The details...

- flat tip
- carbon steel
- zinc plated
- through-hardened
- 0.165" thread length



Titanium Chisel Tooth™

One of the strongest, most competitive studs out there – 47% lighter than steel and resistant to corrosion. This stud is very versatile and can be used for any style of drag racing. Special order via phone 989-689-4911 or email woodys@wiem.com.



The details...

- flat tip
- titanium
- 0.37" thread length
- 7mm thread
- lightweight advantage



Wide Body Chisel Tooth™

The superior stud for grass drags and loose surface racing, as it grabs 30% more surface area than the original Chisel Tooth. Composed of carbon steel and through-hardened for durability.



The details...

- wide flat tip
- carbon steel
- zinc plated
- through-hardened
- 0.37" thread length
- 7mm thread



Wide Body Chisel Tooth™ with CutBack

One step up from the Wide Body Chisel Tooth, this stud has a cutback on its underside for a weight reduction advantage. Lighten your load by 1g for every stud installed.



The details...

- wide flat tip
- carbon steel
- zinc plated
- through-hardened
- 0.37" thread length
- 7mm thread
- lightweight advantage



Titanium Wide Body Chisel Tooth™

This titanium stud holds some high standards – not only with the traction it provides, but also the strength it possesses. The weight of this stud is only 53% of steel studs, meaning faster track rotation. This stud won't corrode and is ideal for grass drags where the surface is loose. Move the maximum amount of surface area with the minimum amount of weight. Must be special ordered via phone 989-689-4911 or email woodys@wiem.com.



The details...

- wide flat tip
- titanium
- 0.37" thread length
- 7mm thread
- lightweight advantage

OTHER Track Screws

These screws can be used in single-ply and two-ply tracks and are a great way to up the traction while keeping costs low.



Race Screw

A budget friendly option for hill climbs and snow drags. This screw has a sturdy shank with deep threads that anchor securely into the track lug. Its lengthy hex-shaped head has a large screw slot for self-cleaning.



The details...

- self-cleaning head
- steel
- through-hardened
- 1.5" length