

WHY PROTAPER

PROTAPER TECHNOLOGY



GET BEHIND THE BAR THAT STARTED IT ALL

All of this mountain <--> moto experience = ProTaper stands for handlebar and controls expertise, and this lends itself to great products that the rider can feel confident in—both the legacy of the name and products, as well as well as how they perform.

PFL CARBON

ProTaper Carbon bars feature PFL (Plastic Foam Lamination) manufacturing. PFL utilizes tiny particles and steam pressure in the lamination process to expand and the structure of the bars. As a result ProTaper carbon bars have a consistent material density. The process uses less excess resin and fewer plys, resulting in a 15% lighter bar.



ERGONOMIC SHAPE

The shape of an handlebar plays quite a big role when it comes to the proper seating position on a bike. ProTaper MTB handlebars come with an 8° backsweep and 4° upsweep that actively supports a proper riding position and minimizes the risk of numb fingers. Based on your preferences and riding style you can chose from 2 different (3 on alloy bars) rise options that will allow you to find the best balance on your bike.



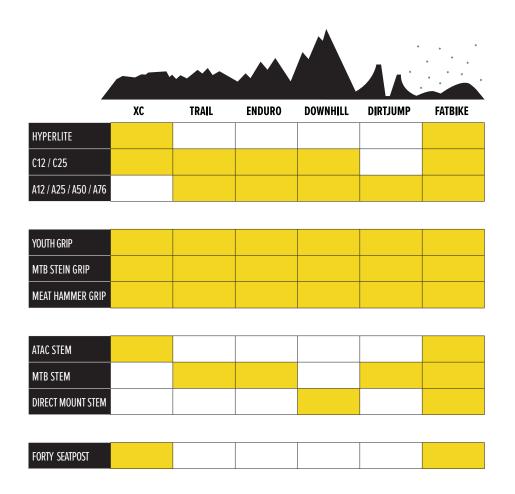
YOUTH HANDLEBARS

For the Youth ProTaper mountain bike handlebar system, we flipped the script. We began by determining the ideal grip diameter and worked inward. The result is a handlebar and grip that's ideal for a smaller ergonomic profile. JUNIT ProTaper handlebar and grip are designed to be used together. For an element of added safety, the grip utilizes a built-in bar plug that will never fall out. The JUNIT ProTaper handlebar system works with all existing shifters and brakes, as the grip features standard component mounting diameter.



PRODUCT DISCIPLINES

ASTM STANDARDS



ASTM LEVEL	COMPATIBLE PRODUCT	DESCRIPTION
1	NA	This is a set of conditions for the operation of a bicycle on a regular paved surface where the tires are intended to maintain ground contact
Q ₂	Hyperlite Handlebar	This is a set of conditions for the operation of a bicycle that includes Condition 1 as well as unpaved and gravel roads and trails with moderate grades. In this set of conditions, contact with irregular terrain and loss of tire contact with the ground may occur. Drops are intended to be limited to 15cm(6") or less
\sim 3	ATAC stem Hyperlite Handlebar Forty Seatpost	This is a set of conditions for operation of a bicycle that includes Condition 1 and Condition 2 as well as rough trails, rough unpaved roads, and rough terrain and unimproved trails that require technical skills. Jumps and drops are intended to be less than 61cm(24")
\$ 4	C12 C25 MTB Stem	This is a set of conditions for operation of a bicycle that includes Conditions 1, 2, and 3, or downhill grades on rough trails at speeds less than 40 km/h (25 mph), or both. Jumps are intended to be less than 122cm (48").
♦••	A12 A25 A50 A76 Direct Mount DH Stem	This is a set of conditions for operation of a bicycle that includes Conditions 1, 2, 3, and 4; extreme jumping; or downhill grades on rough trails at speeds in excess of 40 km/h (25 mph); or a combination thereof.

<u>HYPERLITE HANDLEBAR</u>

C12 HANDLEBAR







C12 HANDLEBAR

USE	DH, AM, EN, Trail, XC	
WIDTH	810mm	
CLAMP DIAMETER	31.8mm	
RISE	12.7mm (1/2" handlebar)	
UP SWEEP	4°	
BACK SWEEP	8°	
MATERIAL	Carbon Fiber	
COLOR	Chrome	
WEIGHT	190g	

12mm rise (1/2"), 31.8mm Diameter, 810mm Width, Chrome. ProTaper Carbon bars feature PFL (Plastic Foam Lamination) manufacturing. PFL utilizes tiny particles and steam pressure in the lamination process to expand and shape the structure of the bars. The process uses less excess resin and fewer plys, resulting in a 15% lighter bar. and Textured "Grit Grip" finish in clamp areas eliminates over tightening of components.

HYPERLITE HANDLEBAR

USE	XC
WIDTH	760mm
WEIGHT	125g
CLAMP DIAMETER	31.8mm
COLOR	Chrome

As the name suggests this bar is not just light, it is Hyperlight. At just 125g, you'll soon understand the fact that it is world cup racing proven. This bar features 9° back sweep, 0° up sweep, 31.8mm clamp diameter, and new chrome graphics.

C25 HANDLEBAR

A12 HANDLEBAR





C25 HANDLEBAR

USE	DH, AM, EN, Trail, XC	
WIDTH	810mm	
CLAMP DIAMETER	31.8mm or 35mm	
RISE	25.4mm (1" handlebar) 25.4mm (1" handlebar)	
UP SWEEP	4°	
BACK SWEEP	8°	
MATERIAL	Carbon Fiber	
COLOR	Chrome	
WEIGHT	190g	

25.4mm Rise (1"), 31.8mm or 35mm Diameter, 810mm Width, Chrome. ProTaper Carbon bars feature PFL (Plastic Foam Lamination) manufacturing. PFL utilizes tiny particles and steam pressure in the lamination process to expand and shape the structure of the bars. The process uses less excess resin and fewer plys, resulting in a 15% lighter bar. and Textured "Grit Grip" finish in clamp areas eliminates over tightening of components.

A12 HANDLEBAR

USE	DH, AM, EN, Trail
WIDTH	810mm
WEIGHT	310g
CLAMP DIAMETER	31.8mm
OUTER DIAMETER	22.2mm
RISE	12.7mm
UP SWEEP	4°
BACK SWEEP	8°
MATERIAL	Alloy
COLOR	Polished Black or Silver

From day one, we have never stopped pushing the limits of metallurgy and FEA. While the allnew ProTaper MTB alloy bars have evolved over the years, one thing has remained the same: our original ProTaper concept remains: Thicker at the clamping area, tapered down in low-stress sections.



A 25 I CON GOLD HANDLEBAR A 25 HANDLEBAR





Limited edition throwback golden handlebar. Available with a 1 inch rise. From day one, we have never stopped pushing the limits of metallurgy and FEA. While the all-new ProTaper MTB aluminum bars have evolved over the years, one thing has remained the same: our original ProTaper concept remains: Thicker at the clamping area, tapered down in low-stress sections.





A25 HANDLEBAR

USE	DH, AM, EN, Trail	
WIDTH	810mm	
WEIGHT	315g for 31.8mm / 320g for 35mm	
CLAMP DIAMETER	31.8mm or 35mm	
OUTER DIAMETER	22.2mm	
RISE	25.4mm	
UP SWEEP	4°	
BACK SWEEP	8°	
MATERIAL	Alloy	
COLOR	Polished Black, Silver, or Half Polished	

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A50 HANDLEBAR

A76 HANDLEBAR



A50 HANDLEBAR

USE	DH, AM, EN, Trail
WIDTH	810mm
WEIGHT	325g
CLAMP DIAMETER	31.8mm
OUTER DIAMETER	22.2mm
RISE	50.8mm
UP SWEEP	4°
BACK SWEEP	8°
MATERIAL	Alloy
COLOR	Polished Black or Silver

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A76 HANDLEBAR

USE	DH, AM, EN, Trail
WIDTH	810mm
WEIGHT	335g
CLAMP DIAMETER	31.8mm
OUTER DIAMETER	22.2mm
RISE	76.2mm
UP SWEEP	4°
BACK SWEEP	8°
MATERIAL	Alloy
COLOR	Polished Black or Silver

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<u>A25Y HANDLEBAR</u>

YOUTH GRIPS







A25Y HANDLEBAR

WIDTH	720mm	
WEIGHT	255g	
CLAMP DIAMETER	31.8mm	
OUTER DIAMETER	15.5mm	
RISE OPTIONS	12.7mm/25.4mm	
UP SWEEP	5 degrees	
BACK SWEEP	7 degrees	
MATERIAL	Alloy	
COLOR	Black Polished / Half Polished / Polished	

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YOUTH GRIPS

SIZE	Small	Intermediate
WEIGHT	70g (pair)	100g (pair)
OUTER DIAMETER	23mm	28mm
USE	DH, AM, Ef	N, Trail, XC
CONTACT WIDTH	105	mm
OVERALL WIDTH	163	mm
BAR DIAMETER	15.5	imm
CLAMP	Single Lock-on	
COLOR	Black	

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MEAT HAMMER GRIP





USE	DH, AM, EN, DJ, Trail, XC	
GRIP DIAMETER	29mm	
GRIP WIDTH	143mm	
BAR DIAMETER	22.2mm	
HAND BREADTH	80-97mm	
CLAMP	Double Lock-On	
COLOR	Black	

Inspiration can come from anywhere. For us it usually comes from beer receptacles. Wisconsin is a land of German immigrants. The tradition of beer brewing is vast, and the consumption is hardy. So, when looking for a new pattern design for our 143mm grips we didn't have to look much further than something our hands were already clutching-a stein of beer! It just so happens that a dimple pattern combined with a 2-ply soft rubber compound (29mm diameter) make the perfect grip pattern!

Modeled after the grip characteristics of a German beer-drinking vessel, the Stein grip combines style and feel in a locking package.



MEAT HAMMER GRIP

USE	DH, AM, EN, DJ, Trail, XC	
GRIP DIAMETER	33mm	
GRIP WIDTH	125mm	
OVERALL WIDTH	132mm	
BAR DIAMETER	22.2mm	
CLAMP	Single Lock-On	
COLOR	Black	

Pound the trails and not your meat. These supple grips keep from beating your palms on the most rugged trails. Single clamp for easy install and no-slip ProTaper logo grip. Sold in pairs.



ATAC STEM

MTB STEM







ATAC STEM

WEIGHT	90g
LENGTH	50mm,60mm, 70mm, 80mm, 90mm, 100mm
CLAMP DIAMETER	31.8mm
RISE/DROP	5°
HARDWARE	Titanium
CULUBS	Black Turquois Polished

The ATAC is back. One of the oldest names in the high-end stem game has returned. And this time it's all blinged out with titanium hardware and a fresh laser etched finish. Available in 10mm increments ranging from 50mm all the way up to 100mm this 90g stem is ready to steer you to victory, or the pub post-ride, whichever you prefer.







WEIGHT	175g
LENGTH	35mm -50mm
CLAMP DIAMETER	31.8mm or 35mm
HARDWARE	Torx, A2 Stainless
MATERIAL	3D Forged and Machined 6061 Alloy
COLOR	Black & Yellow / Stealth





On the surface, a stem may look simple, but under that beautiful veneer lies hours of 3D modeling, countless FEA revisions, and tons of real-world ride testing. We do all of this to make sure we have a light, stiff stem that can handle tremendous forces from every conceivable angle.

DIRECT MOUNT STEM













MTB POLISHED STEM

WEIGHT	175g
LENGTH	35mm -50mm
CLAMP DIAMETER	31.8mm or 35mm
HARDWARE	Torx, A2 Stainless
MATERIAL	3D Forged and Machined 6061 Alloy
COLOR	Polished

On the surface, a stem may look simple, but under that beautiful veneer lies hours of 3D modeling, countless FEA revisions, and tons of real-world ride testing. We do all of this to make sure we have a light, stiff stem that can handle tremendous forces from every conceivable angle.

DIRECT MOUNT STEM

WEIGHT	175g
LENGTH	45mm - 50mm
CLAMP DIAMETER	31.8mm or 35mm
HARDWARE	Torx, A2 Stainless
MATERIAL	3D Forged and Machined 6061 Alloy
COLOR	Black & Yellow / Stealth

If you're into aggressive DH riding, then you'll want a stem that is robust and can handle the rigors of the trail. The ProTaper Direct Mount 31.8 Stem is made of 3D-forged and machined 6061 alloy. It is lightweight and highly durable. It features stainless steel hardware and is adjustable from 45mm-50mm.

FORTY SEATPOST





FORTY SEATPOST

MATERIAL	Carbon
HARDWARE MATERIAL	Titanium
DIAMETER	30.9mm or 31.6mm
OFFSET	0mm
LENGTH	400mm
TORQUE SPEC: SADDLE RAIL CLAMP BOLTS	5Nm Max
TORQUE SPEC: SEATPOST COLLAR	Determined by Frame manufacture/Seatpost Collar
WEIGHT	212g

For those of you who prefer to rock a stiffy, we would like to present you with our new Forty carbon seatpost. As the name suggests the post is available in a 40cm length with 0 offset for both 30.9 and 31.6mm seat tubes. Thanks to its carbon construction and Ti hardware this post comes in at a very respectable 212g. While this post falls into our XC collection it is suitable for anyone looking for a lightweight rigid seatpost for any occasion or discipline.

