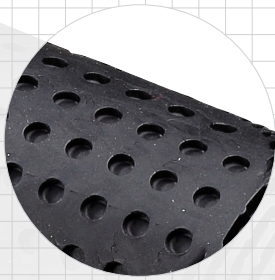


SPIKE GRIP 30 + GRIP 33

HUMAN FACTOR DESIGN ELEMENTS

Spike Grip 30 and Grip 33 are a revolution in grip design. There are 6 main Human Factor elements shared by both models, and a few additional design features specific to the Grip 33.

Human Factor is an initiative at Spank Industries, to factor ergonomics, anatomic design, and fit and function for different body shapes and sizes, as well as riding styles, into our products. Human Factor design has been applied to the next level in SPANK's line of grips, delivering unparalleled comfort & performance, and a perfect fit for any size rider.



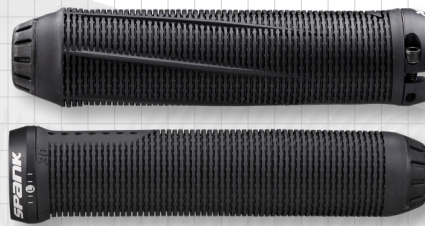
// LOW FRICTION THUMB ZONE

Spike Grip 30 and Grip 33 feature a smooth zone at the lower inboard end, where the thumb rests. This zone provides a lower friction surface to reduce discomfort and wear on gloves as the thumb moves during shifting or remote activation. Also, as this part of the grip does not support the rider's weight, it's kept relatively firm, so the thumb always has a feeling of secure grip, without excessive strain on the rider's hands, and forearms.



// TREAD PATTERN

SPANK's Human Factor tread design offers the durability, vibration damping and exceptional grip (with and without gloves), of a traditional finned or mushroom grip, without the excessive side to side float commonly associated to these grips. SPANK uses precision 5-axis machined tooling to create vertical columns spaced along each fin. These columns interlock with each other, ensuring that the fins can still compress vertically, damping vibration and impact shock, while impeding excessive side to side movement. By reducing the "float" or squirmy feeling associated with finned grips, we eliminate excessive strain on hands and forearm muscles as riders tighten their grip to reduce movement. The result is a grip tread which offers a soft and comfortable overall feel, and high levels of traction, while remaining firm enough for technical riding. An added benefit is tread wear is reduced to an absolute minimum, meaning durability and lifespan are improved significantly. SPANK uses only high grade Kraton rubber, for maximized tackiness and durability.



SPIKE GRIP 30

// LENGTH

The Grip 30 and Grip 33's extra-long 145mm length provides ample room for hands of any size, and allows for changes in hand positioning depending on the terrain and situation.

// BASE CUT OUTS

A feature which is not so obvious, but very important to the rider's comfort, is the large cut-out in the plastic base of each grip. These cut-outs are located in the area where the palm rests on the grip, supporting the rider's weight. They allow the rubber tread to contact directly to the handlebar, giving a softer feeling in this area, and enhancing the grips ability to damp vibration and shock. The added friction created by rubber on bar, also helps to optimize the locking security of the grip on the bar.

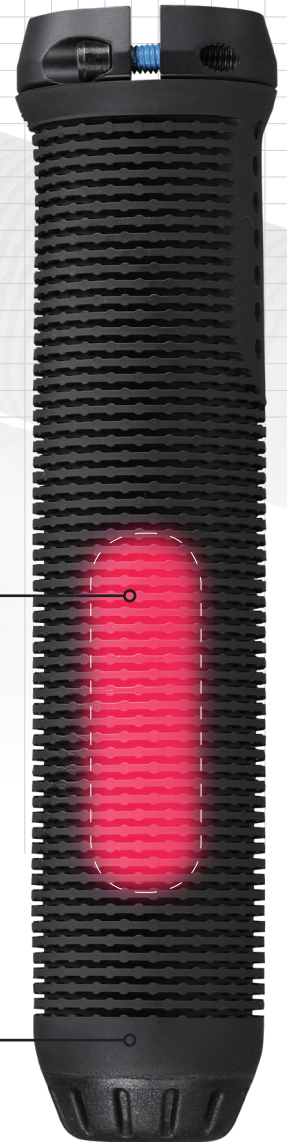
// IMPACT RESISTANT MOTO-STYLE BARENDS

Featured on the Grip 30 and Grip 33, are constructed of fiber reinforced nylon, and have two very important functions. The barends have been designed to both protect the ends of the grips and rider's fingers during crashes or contacts, and provide a safe, ergonomically tapered zone for the little finger to grip, when an extra wide stance and additional leverage is desired.

// SINGLE CLAMP LOCK-ON

Custom oversized CNC alloy lock rings ensure security on handlebars, and allow for a very light overall weight. Lock rings conveniently snap tightly into place on the grip body, and include Left and Right indicators as well as set up angle marks. Grip 30 and 33 grips are available with variety of anodized color lock rings to match any build.

SPIKE GRIP 33



// **SPIKE GRIP 30** has a symmetrically round, minimalist, low profile, 30mm diameter for those who prefer the thinnest grips possible, without a harsh ride feel.

AWARDS

In 2019, SPANK Industries earned the coveted Design and Innovation Award, for our Spike Grip 30 grips and Human Factor tread concept. Shortly after the Grip 33 was successfully launched to cover the needs of all shapes and sizes of riders.



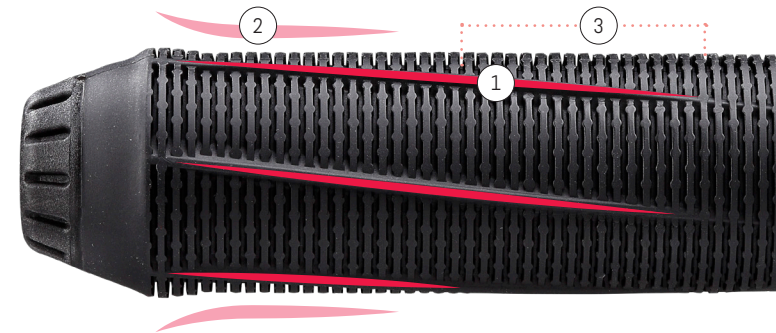
// **SPIKE GRIP 33** has an oversized 33mm diameter, and several performance enhancing features.

1
THREE TRACTION RIBS at the front section of the Grip 33 are located anatomically, locking into the joints of each finger to optimize traction where maximum torque is applied during riding. These ribs are directionally ramped to allow a smooth feeling when the hand is rotated in a forward direction, while increasing traction as the rider pulls back on the bar. This feature reduces the need for a tight "death-grip" on the bars in rough terrain, reducing fatigue and heightening traction in wet, muddy, or dusty conditions.

2
FLARED BARENDS have been added to the Grip 33, providing a tactile index of barend location, and adding an additional feeling of security and lateral traction in adverse riding conditions. Barend diameter increases smoothly from 33mm to 34.6mm.

// **SPOON GRIPS** are the ideal solution for the MTB grip purist, who demands a symmetrically round grip, with an ultra-low profile. At just 30mm diameter, they offer a very firm and tactile contact point with handlebars, without compromise to traction. The traditional 130mm length is perfect for most average size riders, and at just 110g, they are among the lightest dual clamp lock-on grips on the market.

- MICRO-DIAMOND TREAD pattern is used to keep the diameter of the grips as low as possible, and allow a good level of traction with and without gloves.
- KRATON rubber tread ensures a reasonable level of cushioning and high level of tackiness.
- DOUBLE ALLOY LOCK RINGS with stainless steel hardware, ensure security on bars no matter the conditions, and are available in a variety of colors to match any build.
- PLASTIC SAFETY ENDPLUGS are included with each set to protect the rider from sharp handlebar ends in the event of crashes or accidents.
- RETAIL PRICE of just 15.90, makes Spoon Grips some of the best priced lock-on grips on the market.



3
ASYMMETRIC FIRMNESS has been designed into the Grip 33, to offer the benefits of an ergonomically shaped grip, in a truly round grip profile. Fins to the upper rear of the grip, where the rider's weight is supported are taller, providing a softer zone which damps vibration and shock more effectively.



// **SPOON GROM GRIPS** are tailored for young riders with smaller hands. Grom Grips have a shorter 100mm length, which helps to position small hands safely within reach of brakes and shifters. They share the same 30mm ultra-low profile, Kraton rubber micro-diamond tread, and colorful dual alloy lock rings as Spoon Grips. At just 95g/pair, they are also perfect for weight optimized builds.

MODEL	TREAD PATTERN	DIAMETER	LENGTH	MATERIAL	WEIGHT	RETAIL PRICE
Spike Grip 33	Human Factor	33mm	145mm	Fiber Reinforced Nylon / Kraton Rubber / Alloy Clamp	129g/pr	25.90
Spike Grip 30	Human Factor	30mm	145mm	Fiber Reinforced Nylon / Kraton Rubber / Alloy Clamp	100g/pr	25.90
Spoon Grips	Micro-Diamond	30mm	130mm	Kraton Rubber / Alloy Clamps	110g/pr	15.90
Spoon Grom Grips	Micro-Diamond	30mm	100mm	Kraton Rubber / Alloy Clamps	95g/pr	15.90