



TK BRAKES STRENGTHS'

1. **MATERIALS:** we use only high grade materials, result of years of ongoing research and development on the race competitions : their quality, combined with the special shape of the discs, guarantee less wear. The materials are all certified and the manufacturing process takes place with a production line that allows the traceability of the finished product.

2. **WEIGHT:** the particular holes increase the material removed respect to traditional ones, it reduces the weight of the piece, also resulting in a reduction of the gyroscopic effect: less weight on the front axle helps the rider and increase the handling of the bike.

	TK	Other Discs	Pot. Diff. %*
Moto2	1180	1441	18.1
Moto3	590	620	4.8
SBK	1350	1545	12.6
Stock	1450	1676	13.5

* The potential difference of the weight percentage shows how the inclined holes help to decrease the masses in the discs TK compared to other disks on the market.

3. **PAD BENEFITS:** the particular drilling allows a better cleaning of the pad by removing the residues of braking and various impurities away from the braking surface: this system allows to use the pads for longer life without losing performance in the braking.

4. **BRAKE TORQUE:** thanks to the inclined holes, it is ensured better dissipation of heat and reduction of the residual torque on the wheel.

5. **MODULABLE BRAKING:** braking has bite in any situation regardless the pressure in the pump, increasing the feeling between the driver and the brake.

6. **LESS PRESSURE:** test bench and on track have shown, for a given deceleration with brake discs currently on the market, a reduction of the pump pressure with TK discs.