

GORILLA GEAR



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EK 43 BLACK G4 98mm

The EK 43 has been the modern go-to grinder for filter coffee & single dose espresso for a little while now, Coffee pro's have been tweaking & modifying them, painting & printing custom dials to individualise & push the boundaries of coffee brewing.

It was only a matter of time before it was taken a step further, The Gorilla Gear Black G4 for the EK 43 are fully machined creating an even and smooth surface from start to finish.

The G4 refers to the 4 pre-breaking teeth that aids in breaking down the coffee faster and easier, allowing the finishing area of the burr to deal with smaller sections of coffee and reducing the force needed to grind the coffee.

As we continue to evolve, learn and grow so will our products. We endeavour to provide the coffee industry with as much information as possible about the benefits of our products and will continue to build this library with the aim of making coffee tastier.

All Gorilla Gear burrs are pre-seasoned during the manufacturing process. Once pre-seasoned they are hardened, post-hardening the burrs they are then treated with a low friction coating to drastically reduce surface friction. This aids in reducing equipment operating temperature, static and excessive heat.

Hardness

The life of your burrs is important and as well as using a high-quality tooling steel, after our custom pre-seasoning treatment the burrs are also hardened.

Hardness - HV (Vickers Pyramid Number)

Standard Steel Burrs - 800 HV

Gorilla Gear Black Burrs - 2,500 - 3,000 HV

Friction

Our aim is to produce products that aid in attaining as close to a unimodal grind as possible.

Through thorough testing, we have been able to gain higher extractions and clarity in the cup through reducing surface friction.

Our low friction coating is the final stage of production and also gives our burrs a stunning black finish.

Friction Factor Comparison

Standard Steel Burrs - 0.8-1.0

Gorilla Gear Black Burrs - 0.1



MYTHOS BLACK 75mm

The Mythos is the current go-to espresso grinder, Coffee bars all around the world are placing multiple Mythos grinders on the bar and with it's Clima Pro technology aiming to increase consistency, we aim to push that bar higher with the new Gorilla Gear Black for Mythos that will increase your dose consistency and extraction, reduce static and clumping, increase the operating temperature stability and bring a higher taste quality and clarity in the cup.

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Hardness

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Hardness - HV (Vickers Pyramid Number)

Standard Steel Burrs - 800 HV (Mythos Titanium Burrs - 2,500 - 2,700 HV)
Gorilla Gear Black Burrs - 2,500 - 3,000 HV

Friction

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Friction Factor Comparison

Standard Steel Burrs - 0.8-1.0 (Mythos Titanium Burrs - 0.75)
Gorilla Gear Black Burrs - 0.1



RoBLACK 71mm Conical

The Robur has been a solid international workhorse all around the world for a very long time, as we strive for higher extractions but are in still great need of speed, we decided to fill a gap and make an improvement to this hard working veteran espresso grinder.

The Gorilla Gear RoBlack is all about improving the quality of a conical extraction and reducing operating temperature. Real-time cafe environment tests have shown a reduction of up to 10°C on the adjustment collar.

This reduction in temperature minimises the necessary grind adjustment in busy periods.

With adjustments made to the finishing cut of the burr the exit point of the conical burrs aids in improving exit flow of ground coffee, reducing static, clumping and increasing consistency.

PLEASE NOTE, The Gorilla Gear RoBLACK are suited for single phase Mazzer Robur or similar.

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Hardness - HV (Vickers Pyramid Number)

Standard Steel Burrs - 800 HV

Gorilla Gear Black Burrs - 2,500 - 3,000 HV

Friction

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Friction Factor Comparison

Standard Steel Burrs - 0.8-1.0

Gorilla Gear Black Burrs - 0.1



Performance data

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Hardness

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Hardness - HV (Vickers Pyramid Number)

Standard Steel Burrs - 800 HV
Gorilla Gear Black Burrs - 2,500 - 3,000 HV

Friction

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Friction Factor Comparison

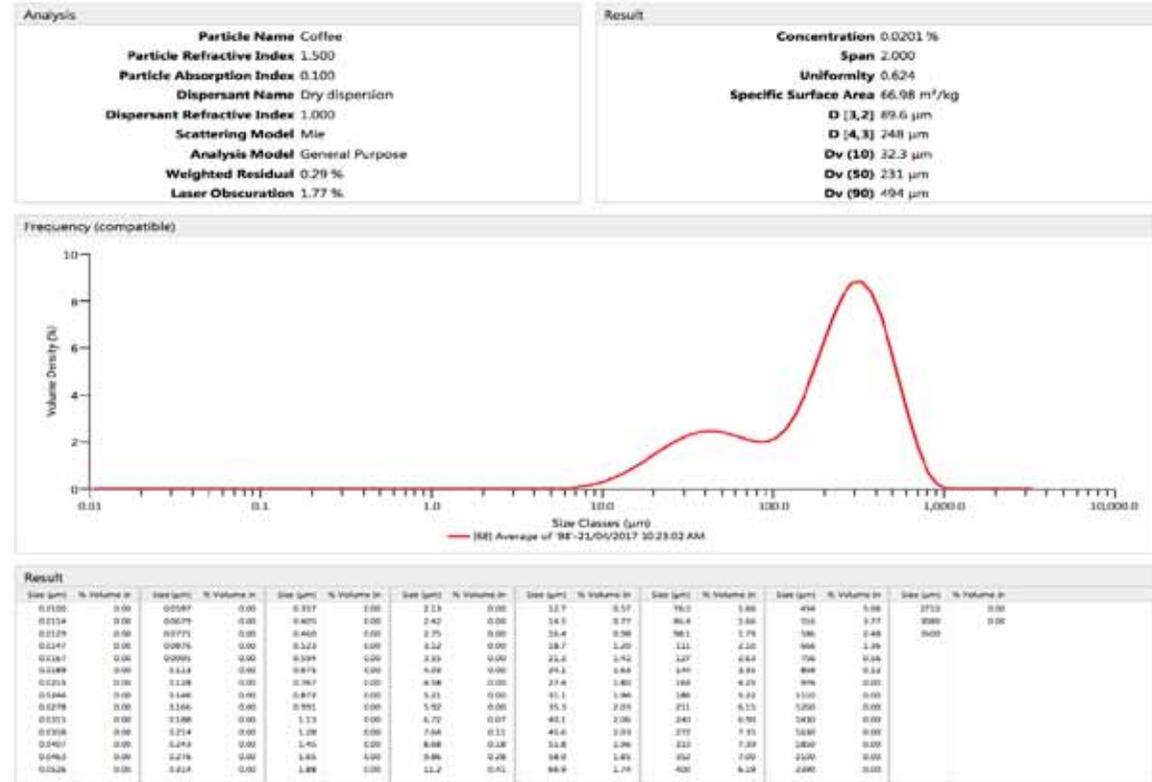
Standard Steel Burrs - 0.8-1.0
Gorilla Gear Black Burrs - 0.1

LPA (Laser Particle Analysis)

Pictured right is one of many test conducted with the Gorilla Gear Black G4 burrs for the EK 43, this test alone is made up of an average from multiple passings of the same 18 gram dose that was used to achive a 36 gram beverage yeild with a TDS of 12.0 and extraction of 24.0%.

Gorilla Gear burrs are not just focused on improving extraction quality through particle distribution but also by increasing the quality and structure of your grind.

We will continue to test on a regular basis and share our finding with the global coffee community and make improvements where needed, constantly evolving with our ever growing industry.



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