

ENDURANCE  
**CARBIDE**

CULTIVATOR  
**POINTS**

To fit as Amazone  
Part no.: 179016661



These replacement parts are not intended to be sold as OEM parts.

ENGINEERED  
**TO RESIST**



**GRANIT**  
QUALITY PARTS



# ENDURANCE **CARBIDE** POINTS

We at GRANIT know what our customers want: high-strength, low-wear tillage tools. Our new ENDURANCE **CARBIDE** line has been developed to exceed our customers' expectations. For these tools we have exclusively chosen materials tailored to the particular requirements of the agriculture industry.

Our steel is characterised by its high strength following heat treatment. However this also gives the body a certain flexibility, meaning that it is able to withstand impacts from stones. Lower wear, even under the harshest conditions, is also made possible by hard metal plates made of high-strength tungsten carbide compounds.

## HARD FACTS

- Excellent price-performance ratio
- Consistent working depth
- Significantly longer service life compared with traditional steel tools
- Easier insertion and lower tensile force requirement thanks to permanently sharp cutting edges
- No depth guidance readjustment as a result of wear
- Time and cost saving thanks to less frequent share changes
- Perfect tool utilisation thanks to longer operating time for machines
- Lower tool costs

## LOW-WEAR DESIGN

Areas exposed to wear are specially reinforced to prevent scouring.

The solid body ensures long-term dimensional stability and a fixed tool position over long periods of use.

## WEAR PROTECTION FOR BOLT HEADS

To prevent scouring, the areas around the bolt heads are reinforced.

## HARD METAL

Additional hard metal plates are firmly embedded in areas of the body exposed to particularly high stresses.

## TEMPERING AFTER SOLDERING

Tempering after soldering results in maximum hardness, making our points superior to many competition products.

## SOPHISTICATED SOLDERING PROCESS

A durable soldered connection between the hard metal plates and the body ensures a perfect hold, and compensates for impacts from stones without causing damage.

## MADE IN GERMANY

Development and production by mining and road construction specialists in Germany.