FES

EXPERTISE MAKES DIFFERENCE





FOUNDATION DRILLING WEAR TEETH











ABOUT FES

Since 2005, FES has been providing top-quality drilling equipment and tools for global clients. At the same time, to meet market demand, we have established our branch in North America in 2023.

FES factory has a daily production capacity of 40,000 pieces of wear teeth, with a well-established production facility that occupies a floor area of 40,000m.

Our affiliated manufacturer possesses 2500 tons, 1600 tons,1000 tons, 630 tons, and 400 tons amount 10 forging production lines, as well as carbide production line, mold-making center, automatic welding center, CNC machining center, and advanced product quality inspection center.

COMPANY TIMELINE

1990S

Began business in the piling industry.

2005

Established FES (China) limited, entering the North American market with competitive piling equipment, tools, parts & accessories.

2008-2013

Expanded into Australia, New Zealand, Germany and other Asian pacific countries and built cooperation with local leading suppliers.

2016

Started strategic partnership with XCMG, the world's largest manufacturer of rotary drill rigs.

2020

Began engineering of the world's first hydraulic DTH rotary hammer, and the prototype was delivered in 2021.

2021-now

Built partnership with JUNTTAN in 2021. FES has established its branch in North America in 2023.



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ADVANTAGES OF FES DRILLING TOOLS





RAW MATERIAL

We source the best quality raw material to ensure high quality standards of our products. Our powdersupplier is the same one as Betek.



QUALITY CONTROL

We use international quality standards to measure our products. Strict quality control and inspection are carried out during different phases of the manufacturing process.



PRODUCTION

Starting from the mixing of carbide powder until the completion of the product, we monitor each process on our world-class teeth production line.



WEAR PROTECTION

Various types of wear protection elements applied on the teeth greatly reduce the direct abrasion on the steel, and make our teeth more wearable than the regular ones.

MANUFACTURING PROCESS



FORGING



CNC MACHINING CENTER



AUTOMATIC WELDING



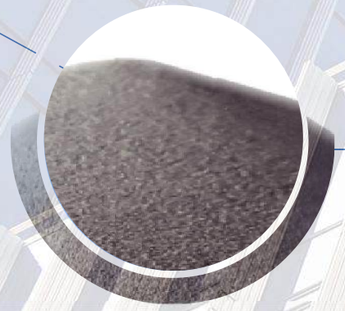
HEAT TREATMENT



SHOT BLASTING



R&D CENTER

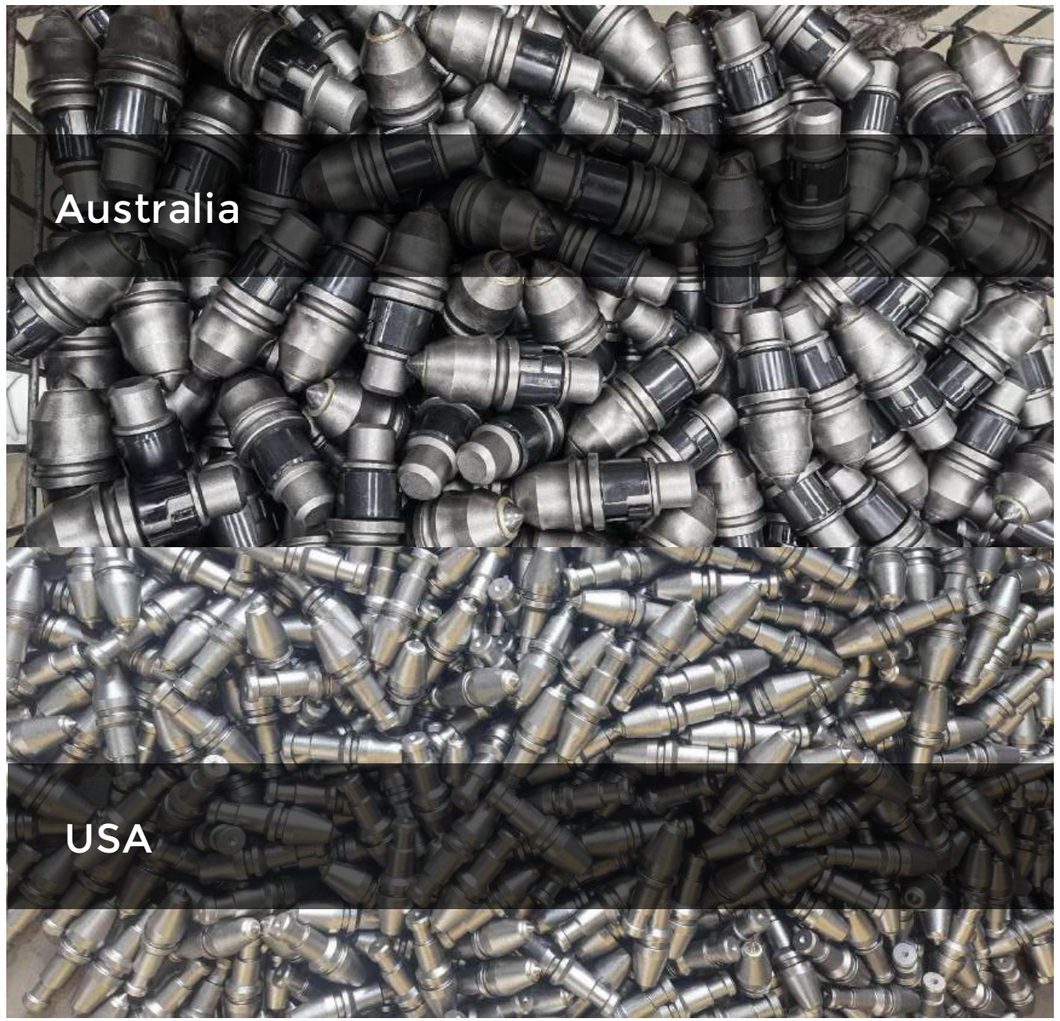


POWDER MIXING



PRESSING & SINTERING

FES PROJECTS

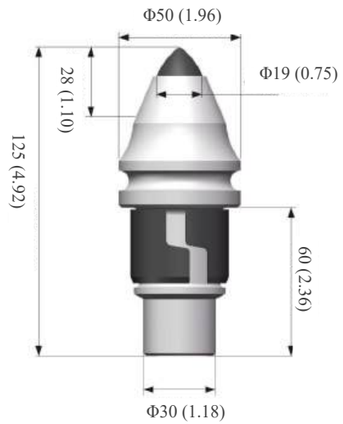




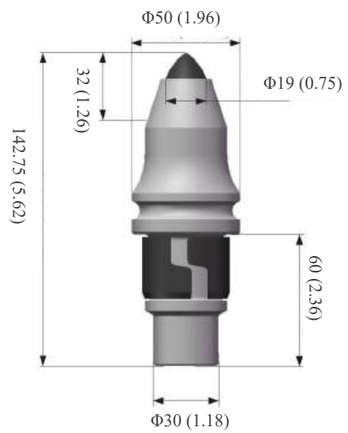
BULLET TEETH

TEETH

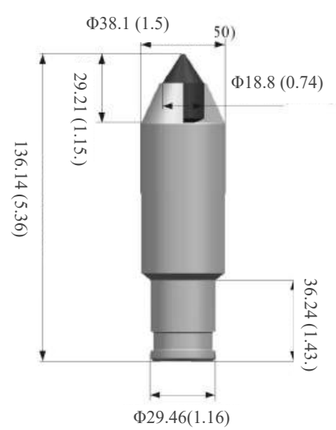
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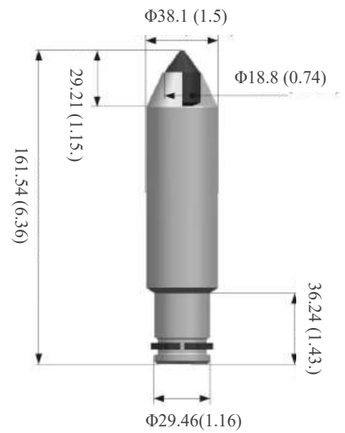
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FES	FC4



FES	FC4-1



TEETH

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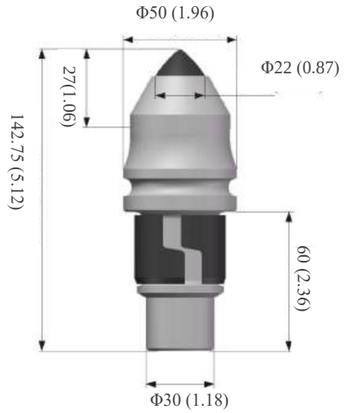


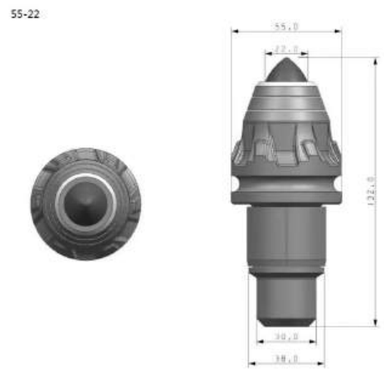
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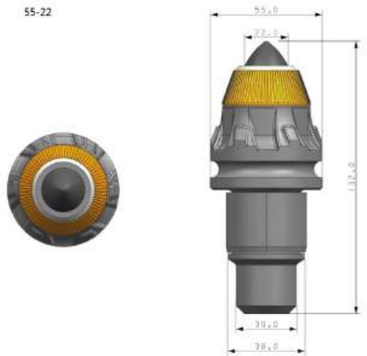
BULLET TEETH

TEETH

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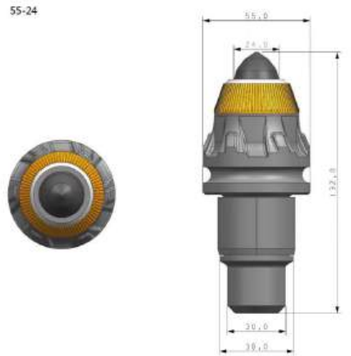
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FES	F55-24



FES	F55-24



TEETH

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FES	F55-9T22



FES	F55-10K22



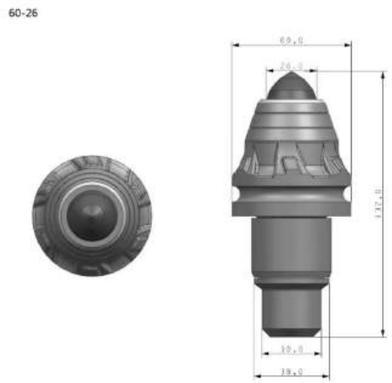
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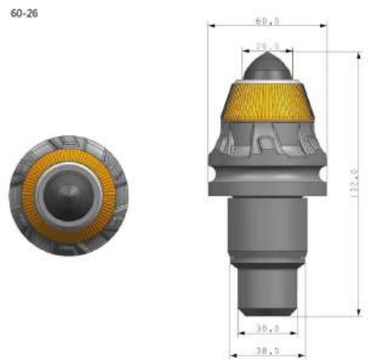
BULLET TEETH

TEETH

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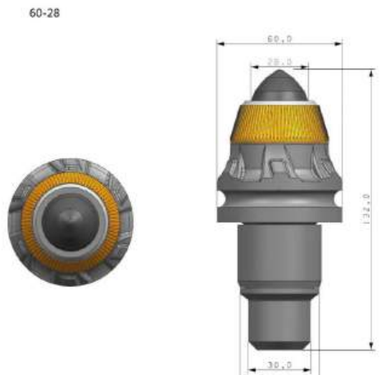
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FES	F60-28



FES	F60-28



TEETH

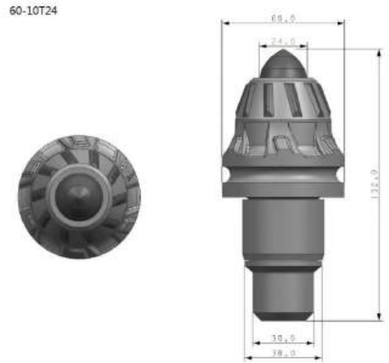
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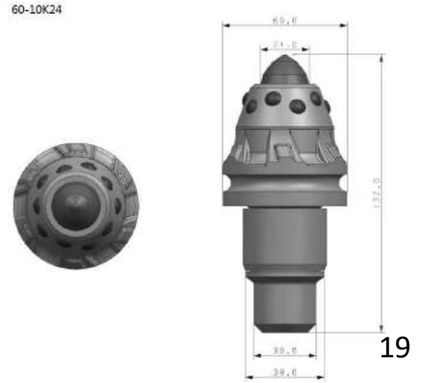
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FES	F60-10T24



FES	F60-10K24



BULLET TEETH

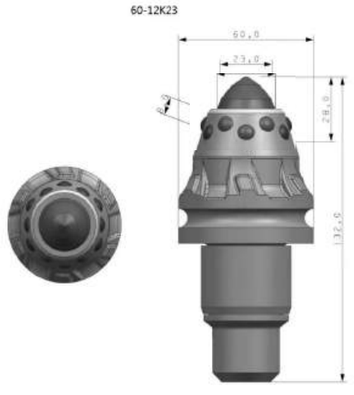
FES (China) Limited

TEETH

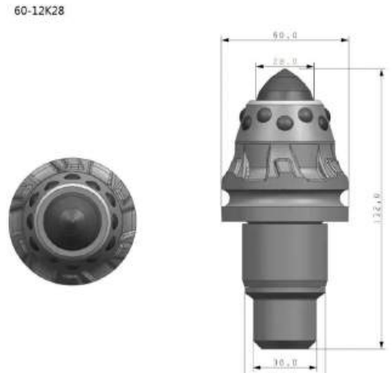
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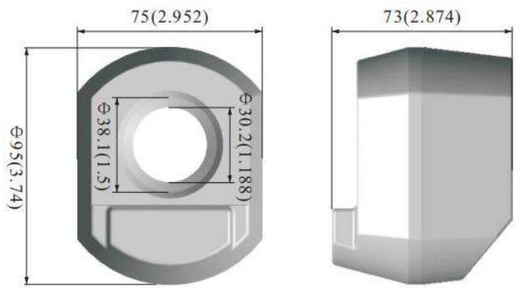


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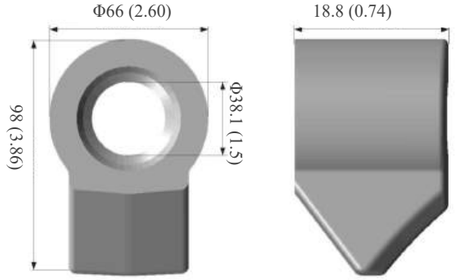


TEETH HOLDER

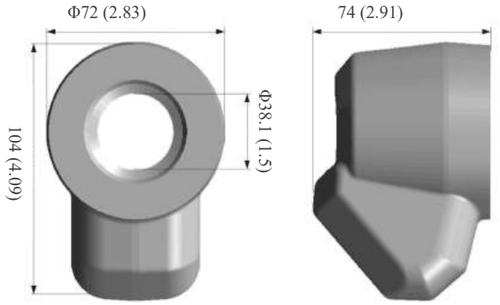
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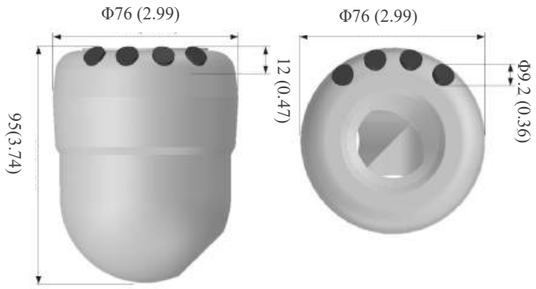
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FES	F43K



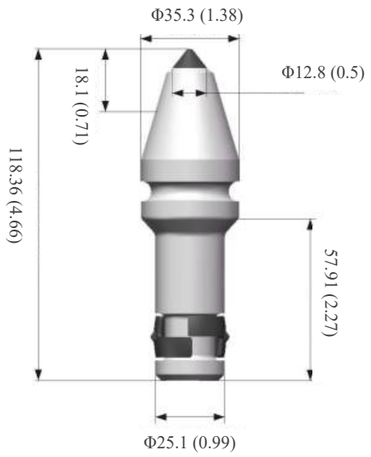
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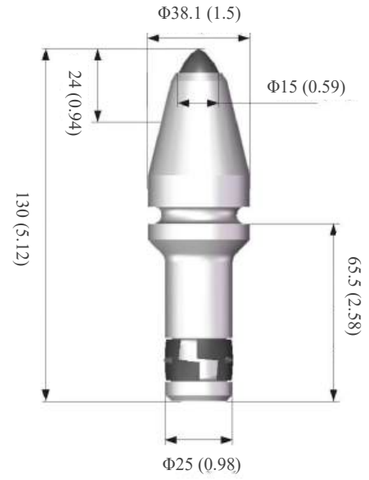
BULLET TEETH

TEETH

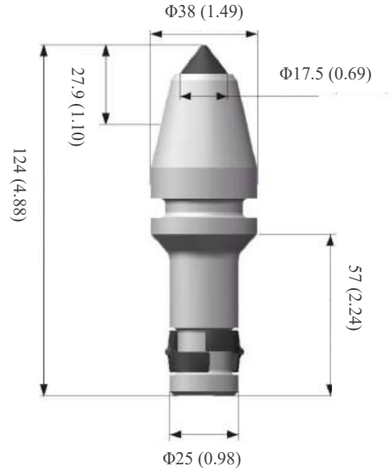
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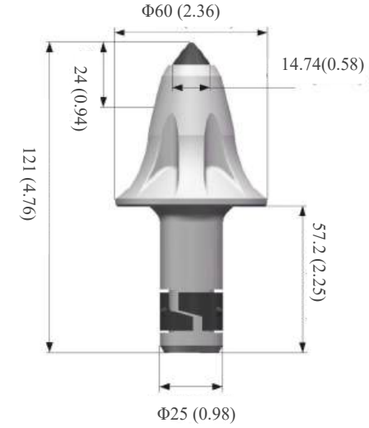
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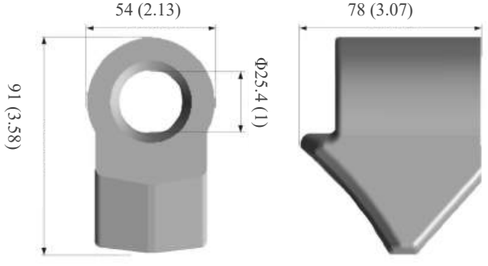


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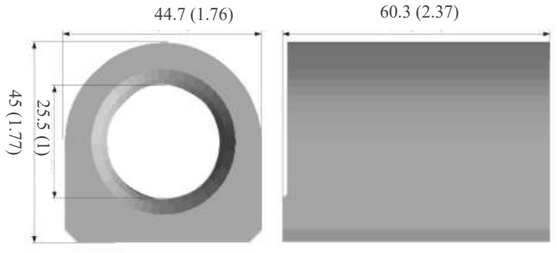


TEETH HOLDER

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FES FC30FLAT



FES FC30-2

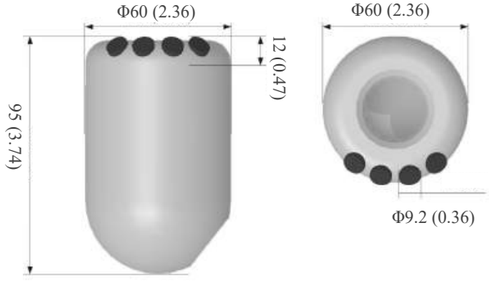


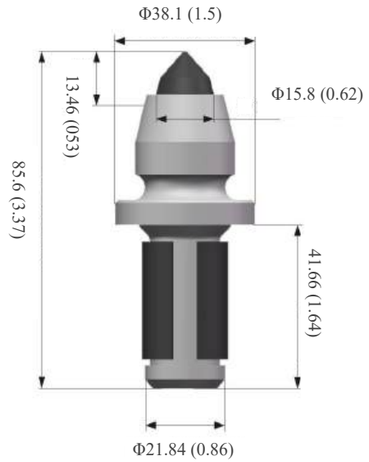
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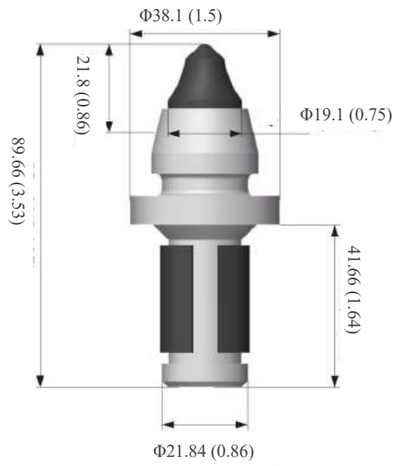
BULLET TEETH

TEETH

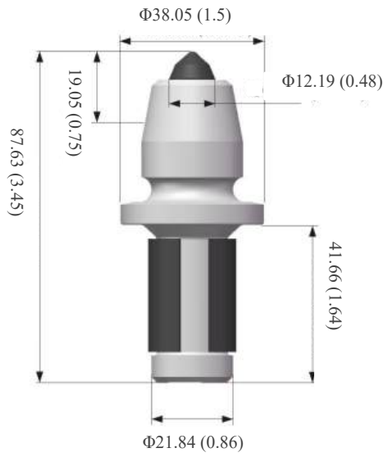
FES FM02



FES FM04



FES FM06



TEETH HOLDER

FES FLB01-G

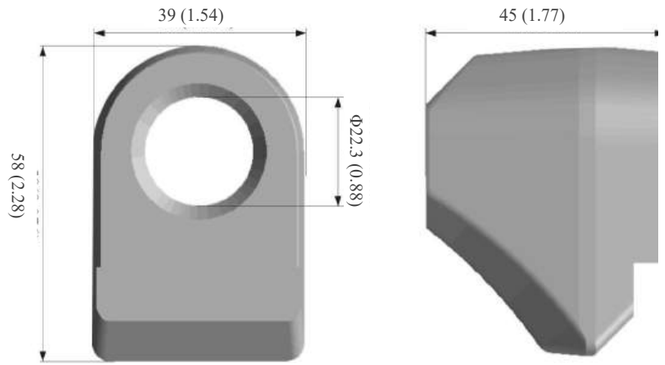


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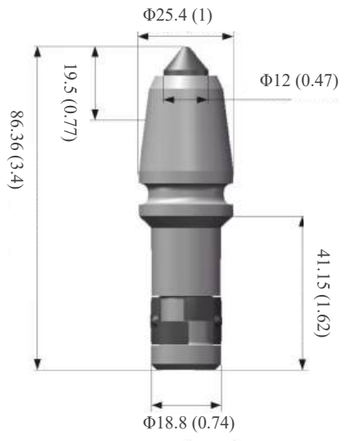


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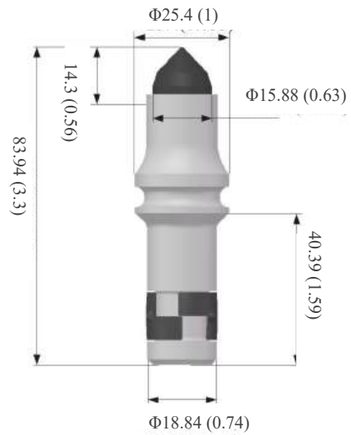
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TEETH

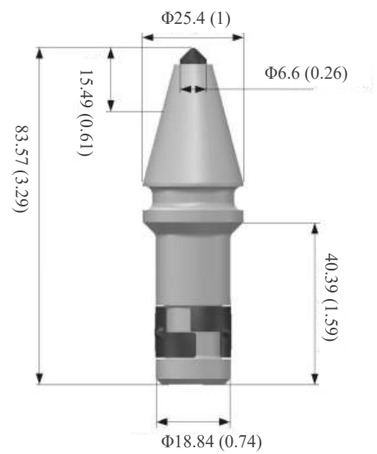
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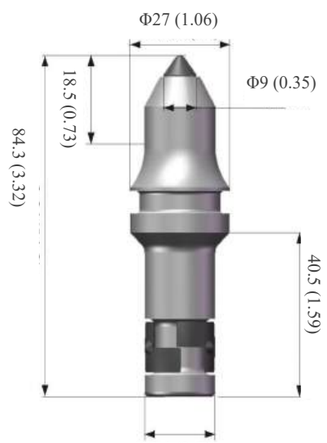
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FES | FC24

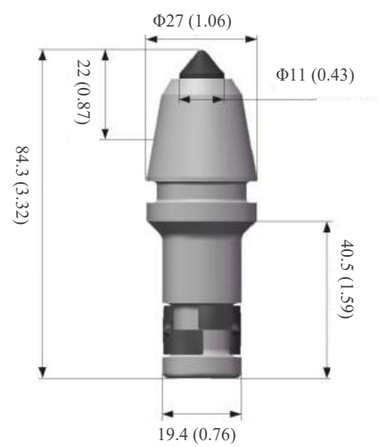


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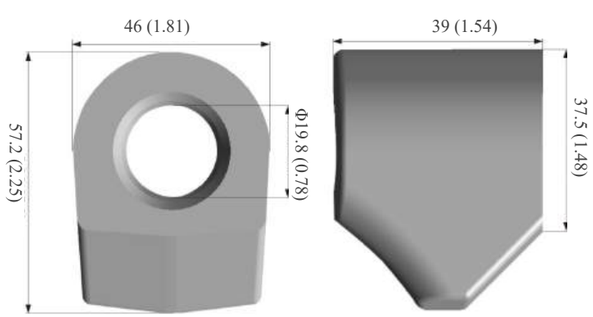
TEETH

FES | FSK16



TEETH HOLDER

FES | FC20HD



FES | FV9

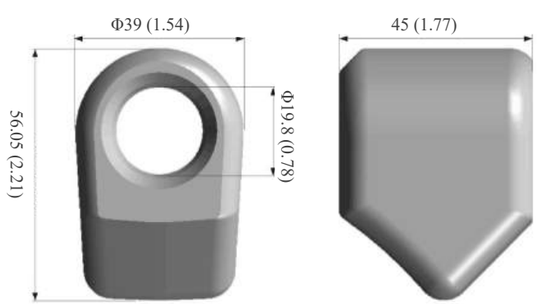


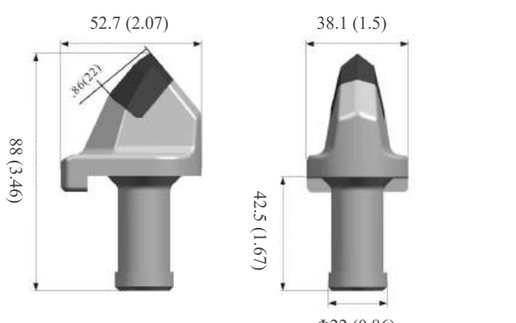
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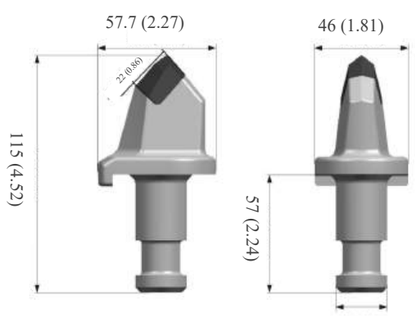
BULLET TEETH

TEETH

FES	FFR07

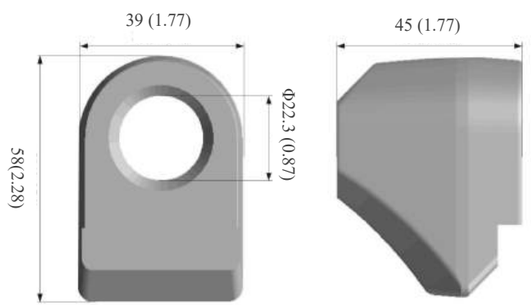


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TEETH HOLDER

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FES	FV25

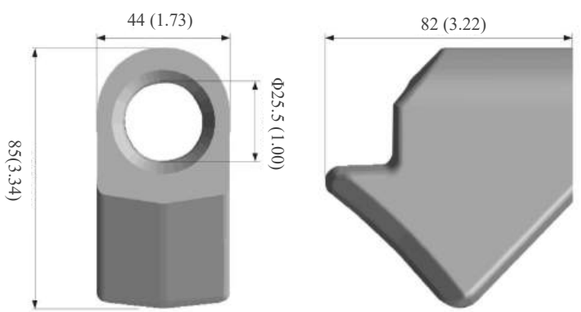


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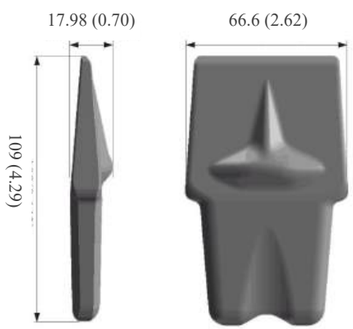




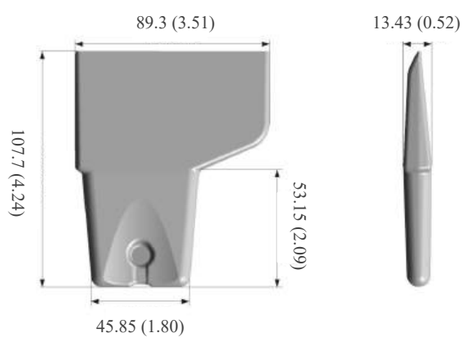
FES (China) Limited

TEETH

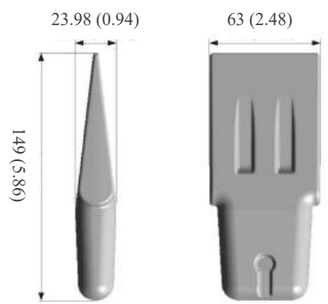
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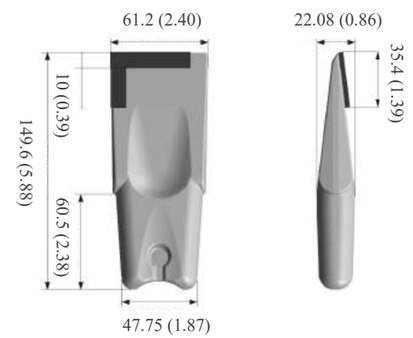
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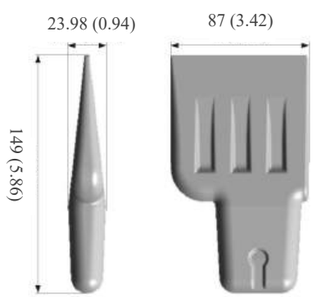


FES F201 with carbide

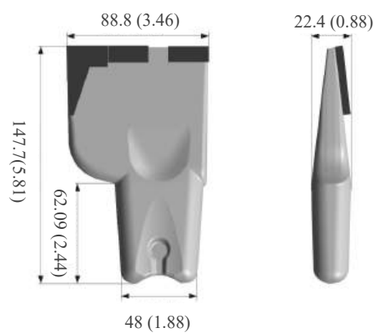


TEETH

FES F211

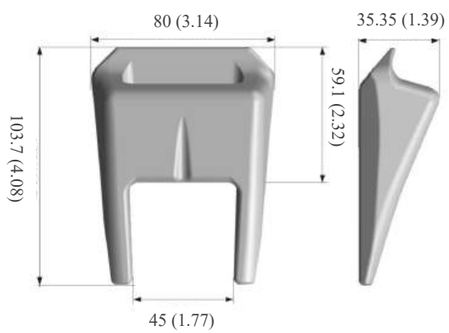


FES F211 with carbide

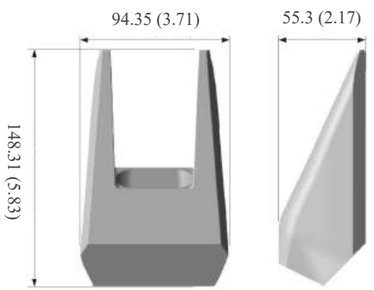


TEETH HOLDER

FES FO-1



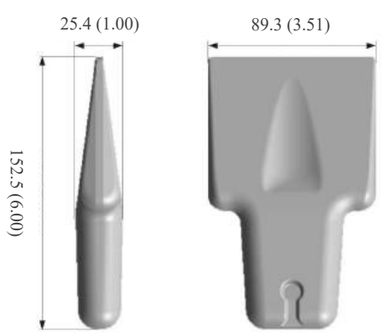
FES FO-5



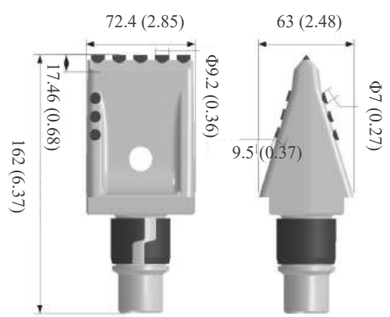
FES (China) Limited

TEETH

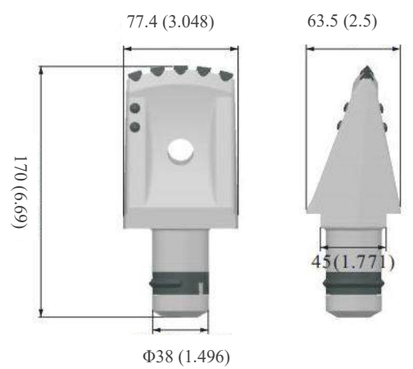
FES | F132



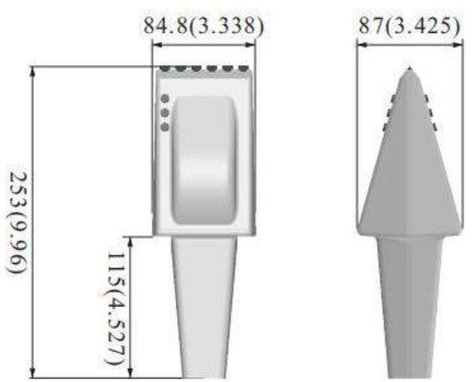
FES | FFZ70



FES | FFZ72

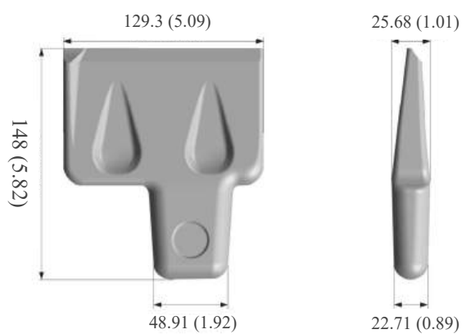


FES | FFZ80



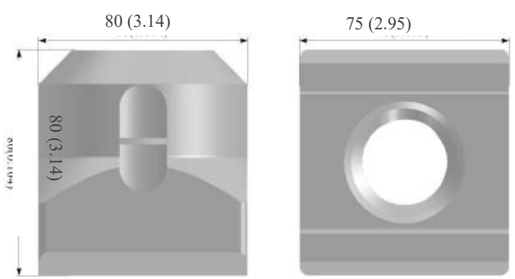
TEETH

FES | F134



TEETH HOLDER

FES | FHR112



FES | FHR73

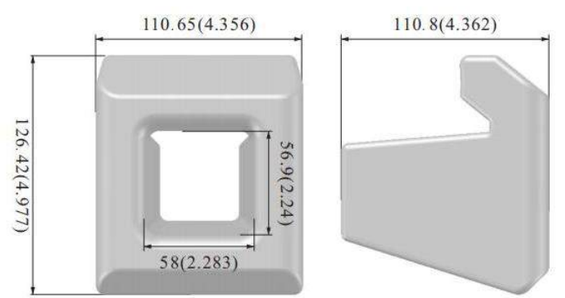


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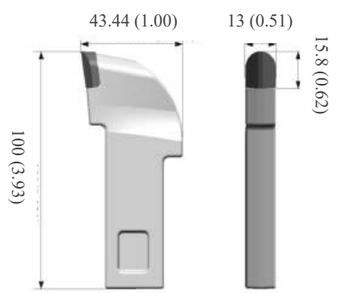


CASING TEETH

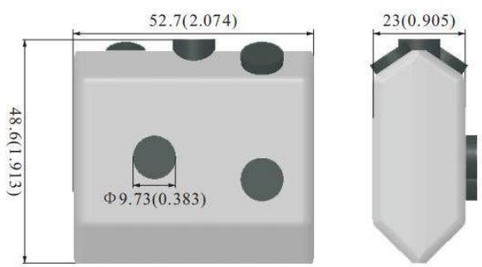
FES (China) Limited

TEETH

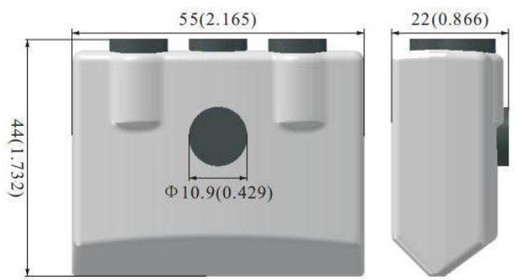
FES	F7L



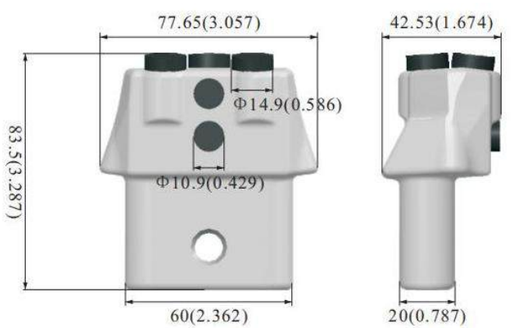
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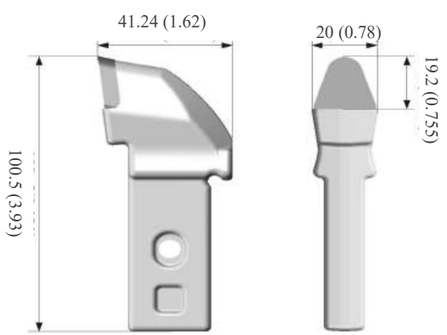


FES	FA80-31



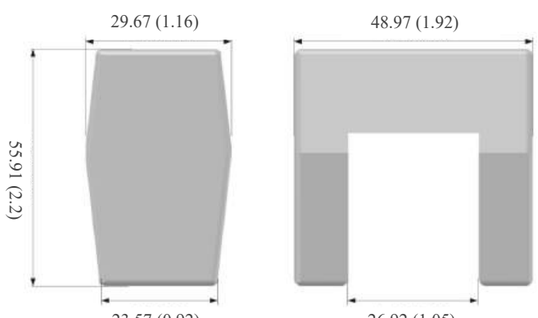
TEETH

FES	FJ2



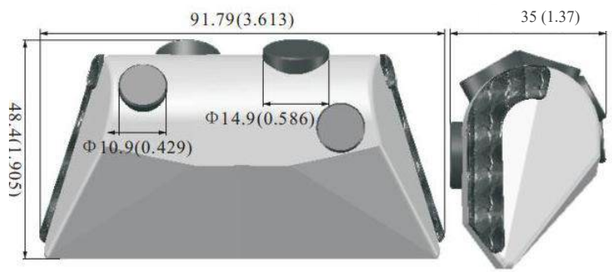
TEETH HOLDER

FES	FJ2 BLOCK

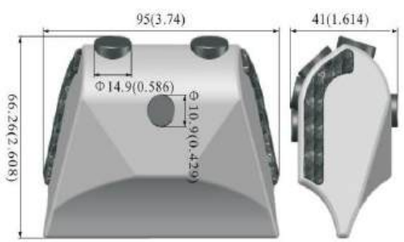


TEETH

FES	FA90-35



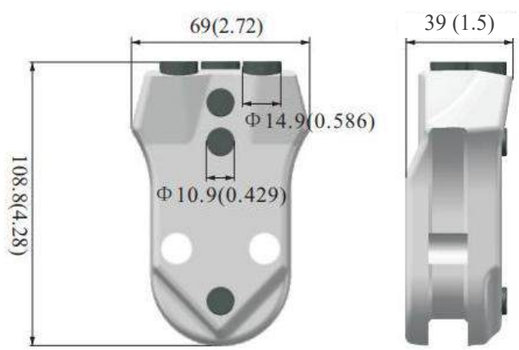
FES	FA90-42



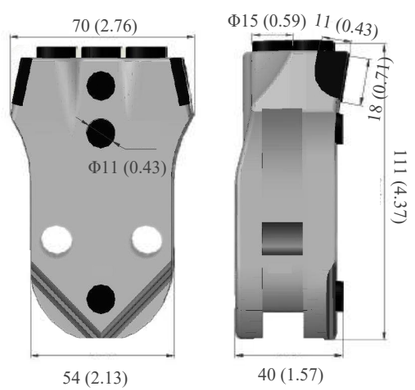
FES (China) Limited

TEETH

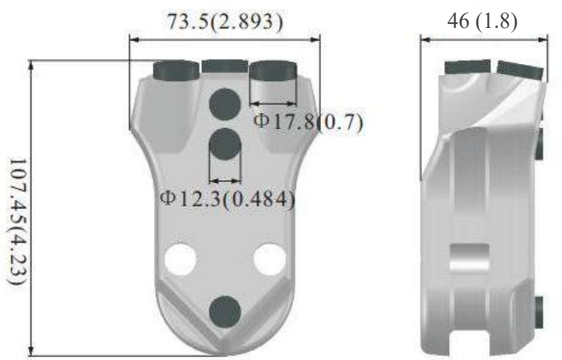
FES | FS39



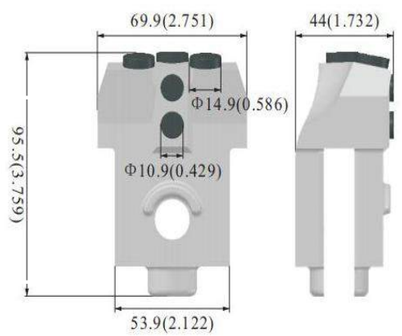
FES | FS39S



FES | FS46



FES | FA47



TEETH HOLDER

FES | FH35

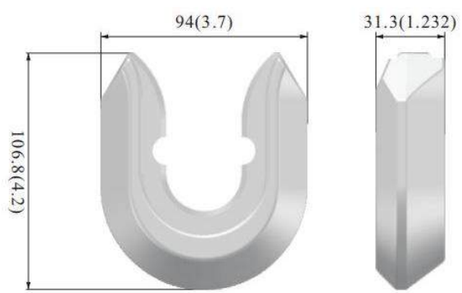


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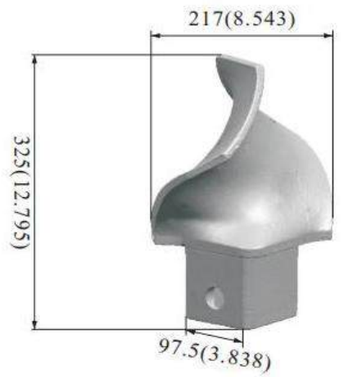




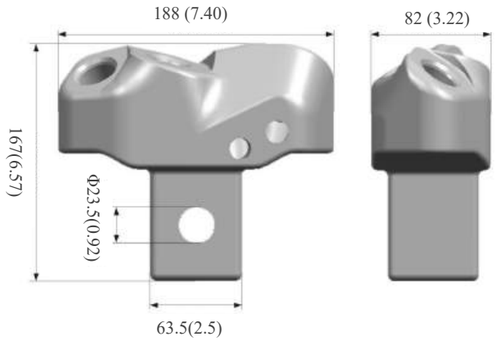
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PILOT

FES	F240S



FES	FPM203



FES	FRP4

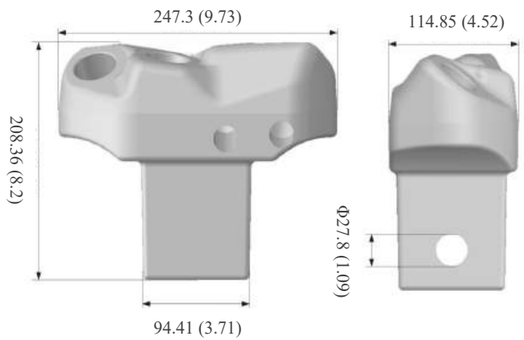
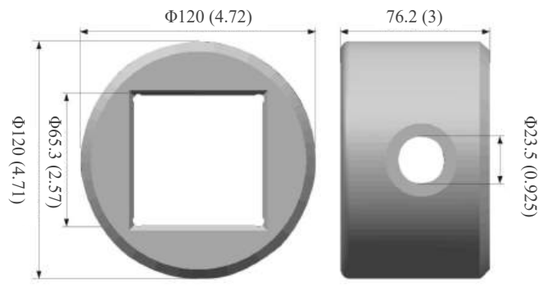


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PILOT HOLDER

FES	FPM23 POCKET



FES	FRP4 POCKET

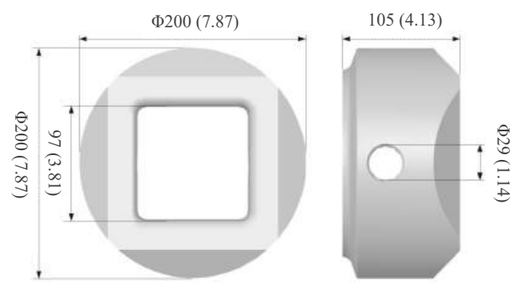


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TEETH PULLER

FES	SIMPLE TEETH PULLER





FES	HAMMER TYPE TEETH PULLER



FES	FORK TYPE TEETH PULLER



ROLLER BITS

ROLLER BITS

FES	8 1/2” TYPE A



FES	8 1/2” TYPE B

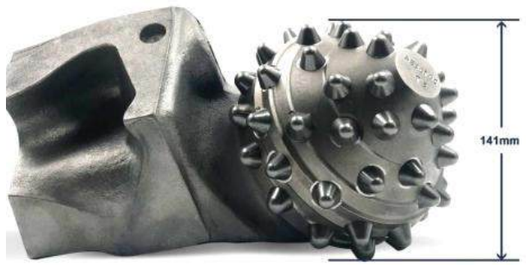


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TEETH

FES	8 1/2” TYPE C

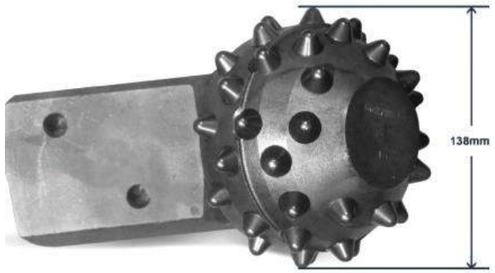


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MORE APPLICATION








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