

FES

EXPERTISE MAKES DIFFERENCE



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.



2008-2013

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



2020

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



2005

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



2016

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



2021-now

Built partnership with JUNTAN 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 powder supplier is the same one as Betek.



PRODUCTION

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



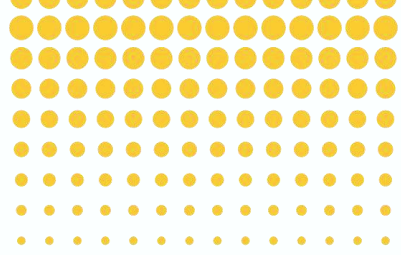
QUALITY CONTROL

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



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



R&D CENTER



FORGING



**CNC MACHINING
CENTER**



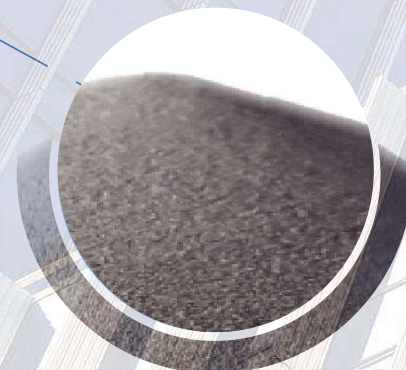
**AUTOMATIC
WELDING**



HEAT TREATMENT



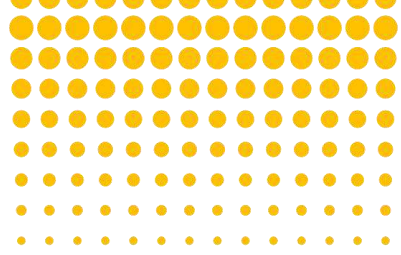
SHOT BLASTING



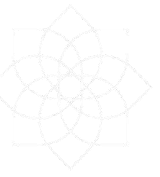
POWDER MIXING



**PRESSING &
SINTERING**

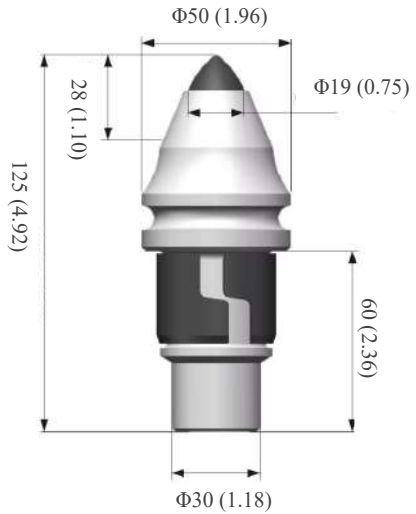


FES PROJECTS

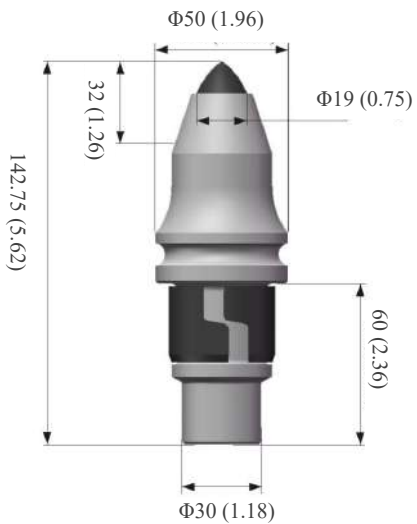


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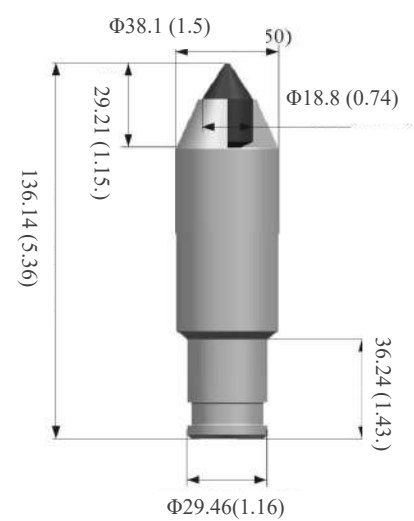
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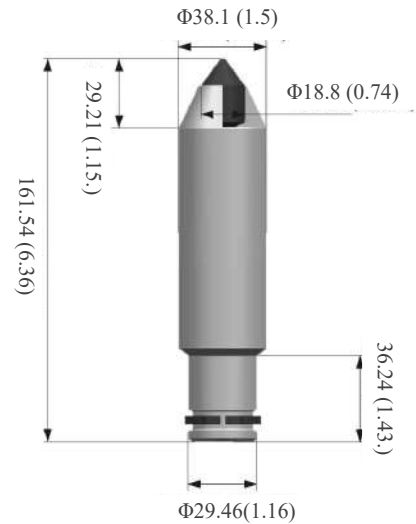
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FES FC4



FES FC4-1



TEETH

FES F47K22H

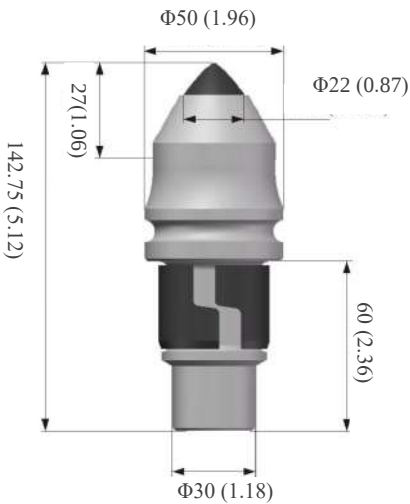


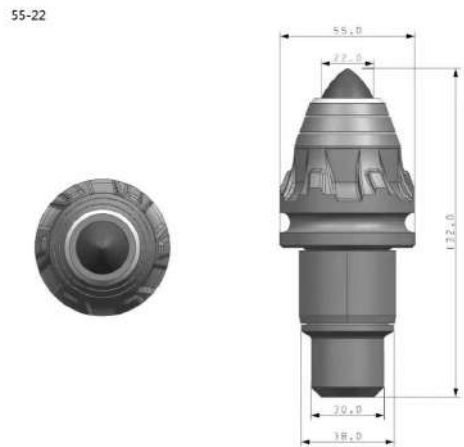
PHOTO GALLERY



TEETH

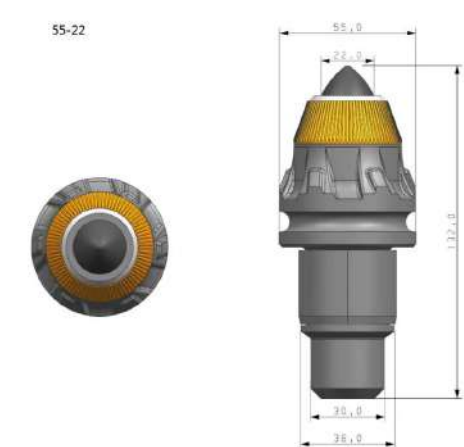
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F55-22



FES

F55-22



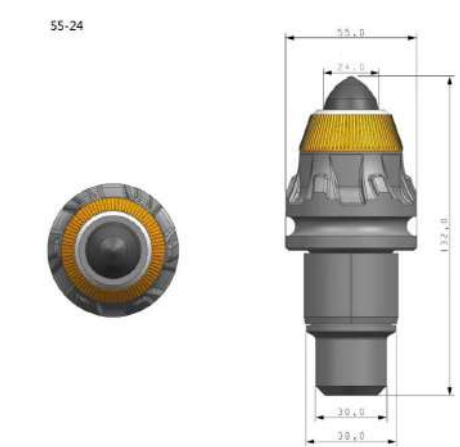
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F55-24



FES

F55-24



TEETH

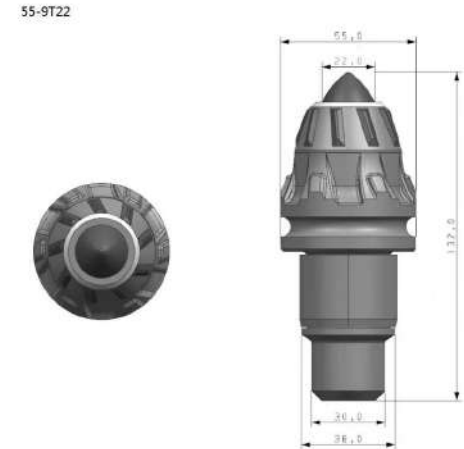
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F55-8T20



FES

F55-9T22



FES

F55-10K22

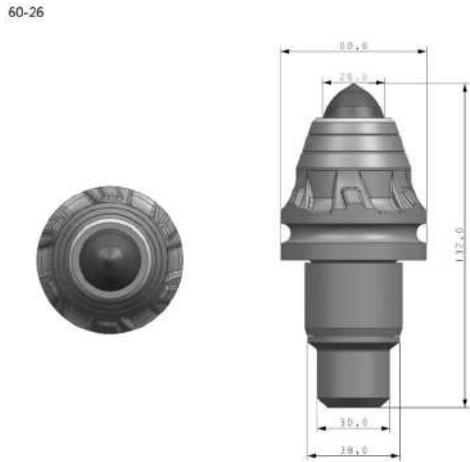


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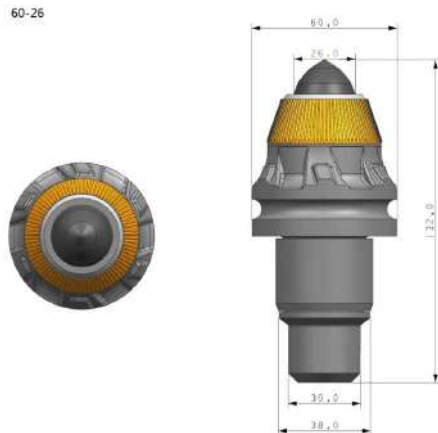


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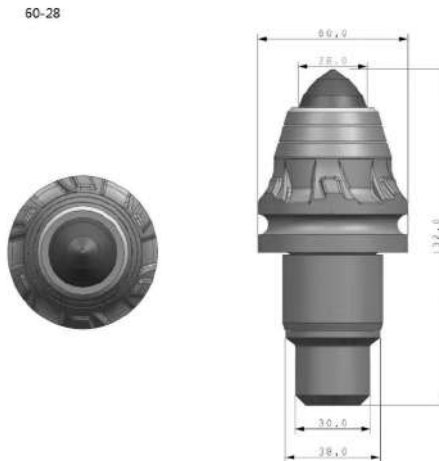
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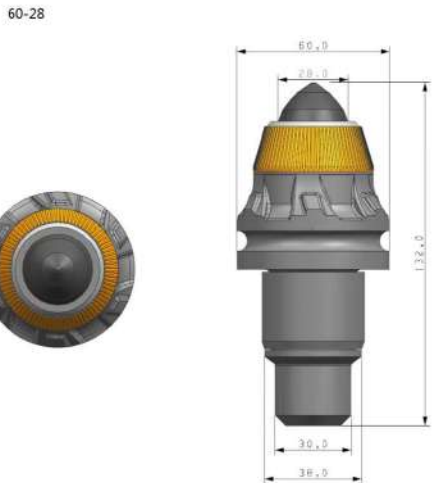
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FES F60-28



FES F60-28

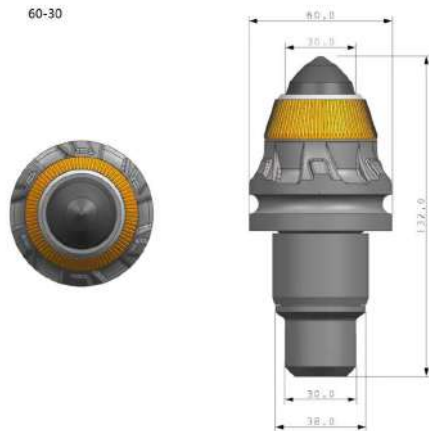


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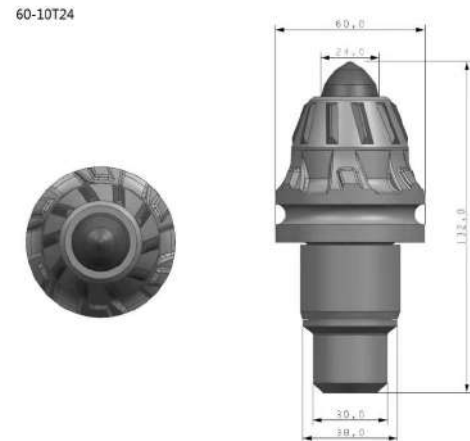
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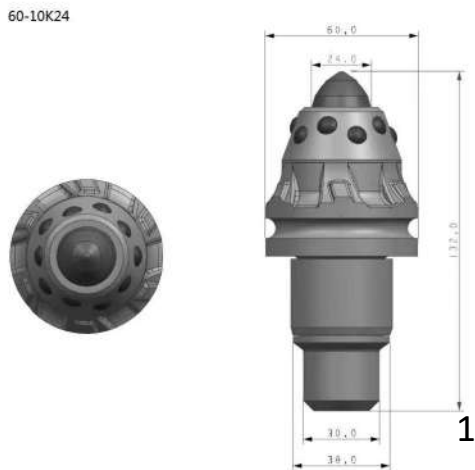
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FES F60-10T24



FES F60-10K24

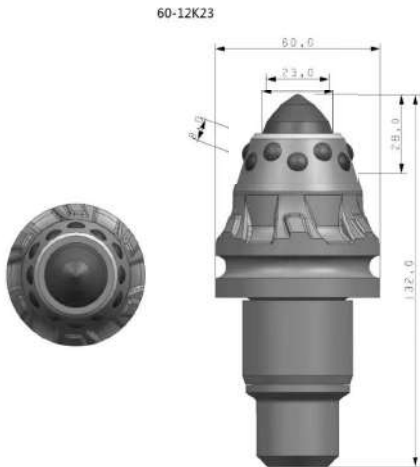


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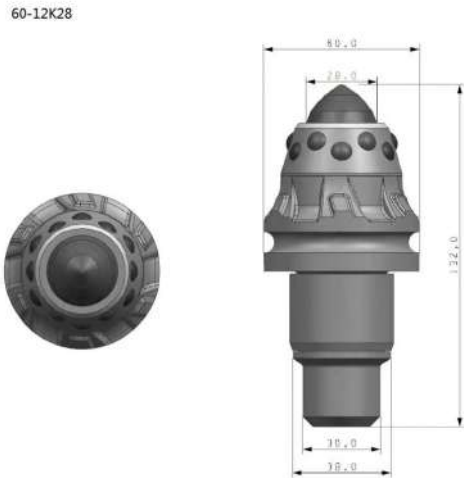
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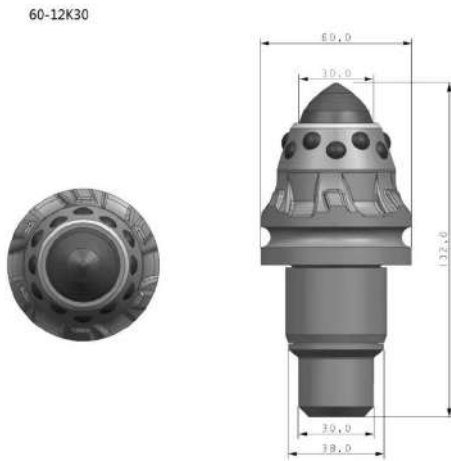
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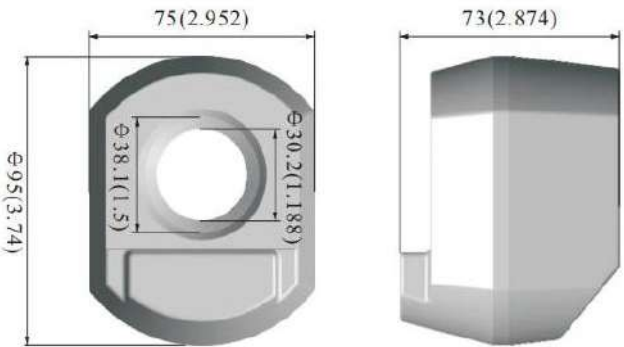


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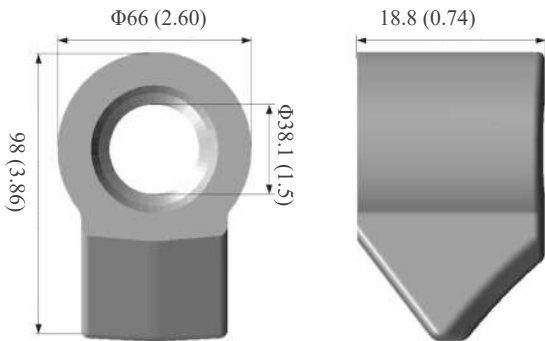


TEETH HOLDER

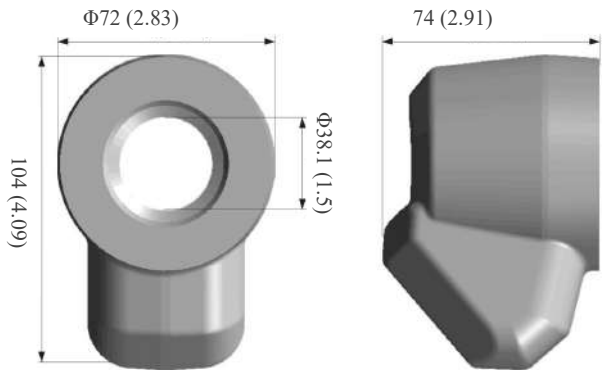
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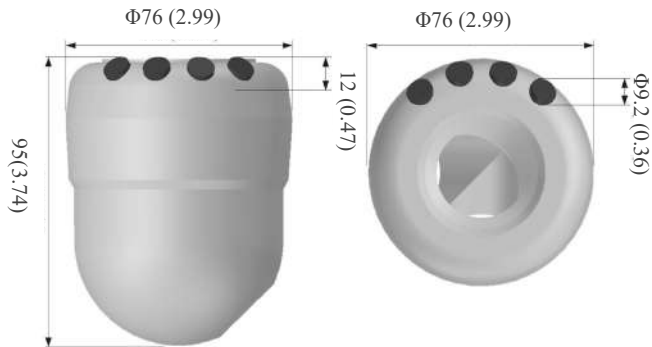
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FES F43K

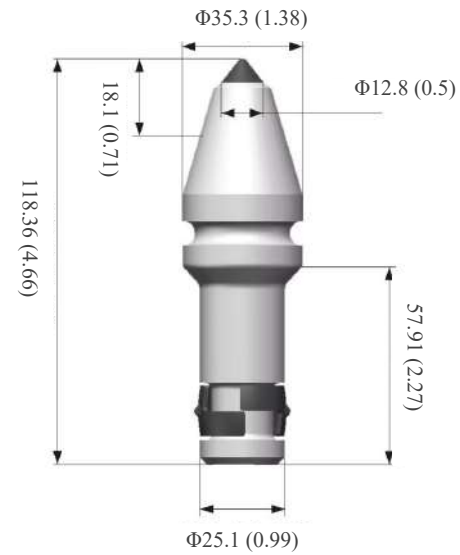


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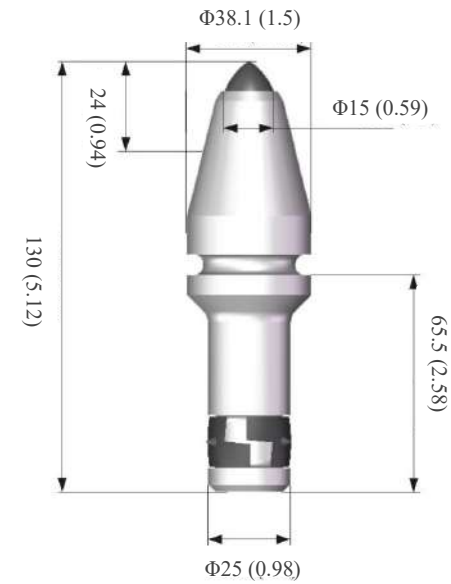


TEETH

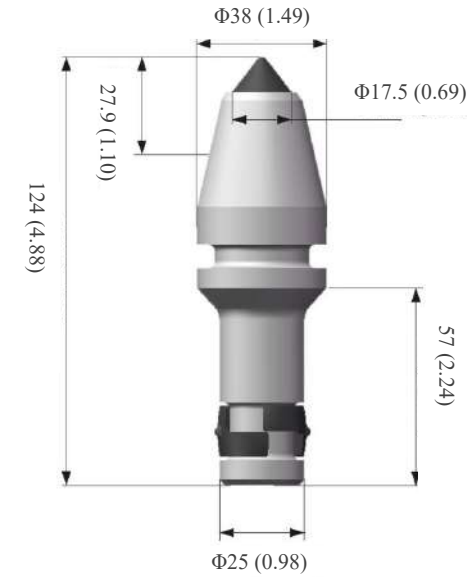
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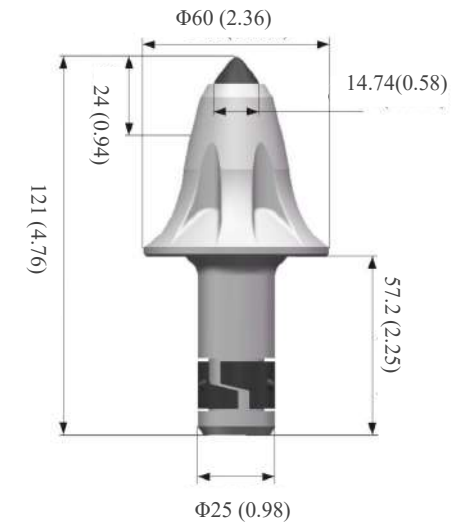
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FES FTK70

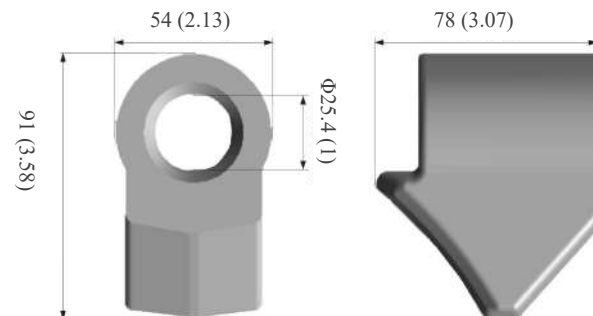


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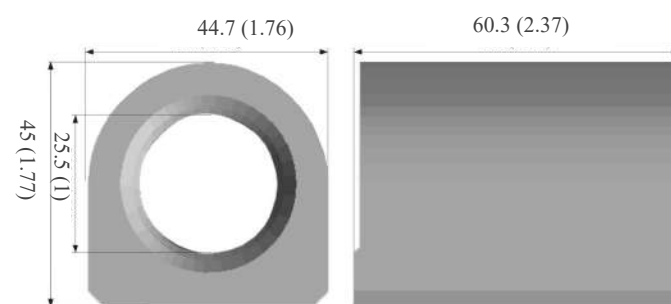


TEETH HOLDER

FES FC30HD



FES FC30FLAT



FES FC30-2

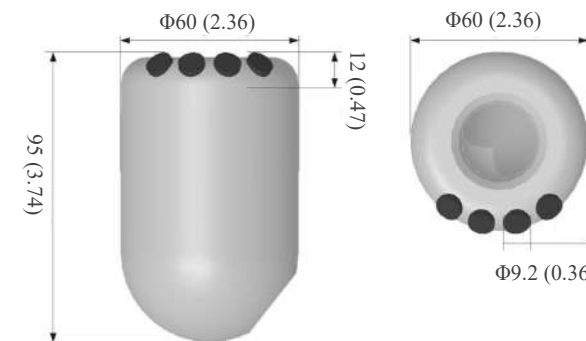
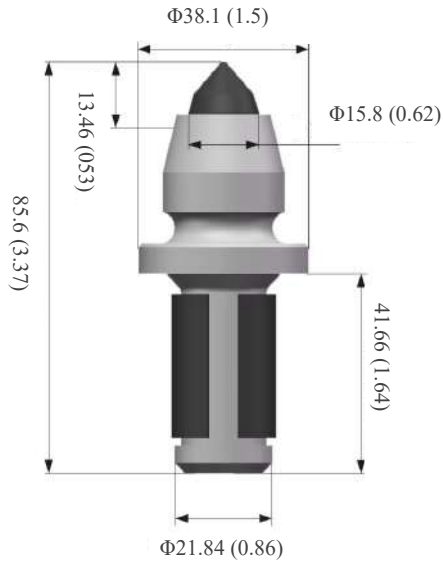


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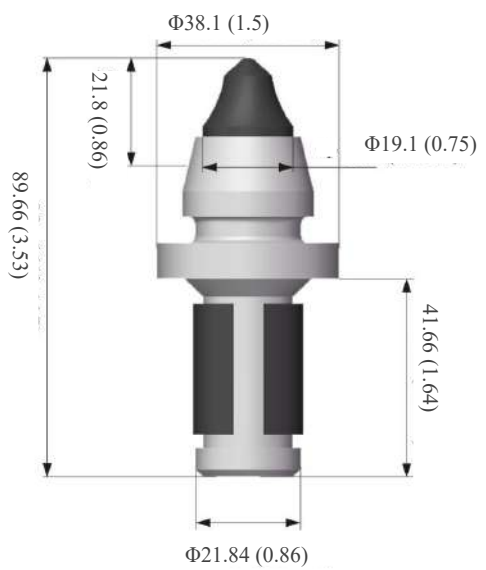


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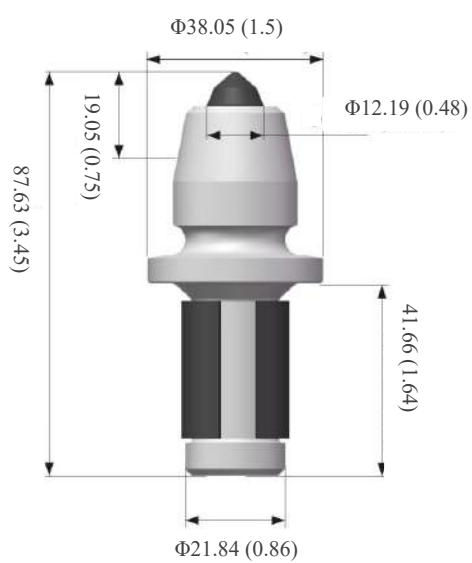
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FES FM04



FES FM06



TEETH HOLDER

FES FLB01-G

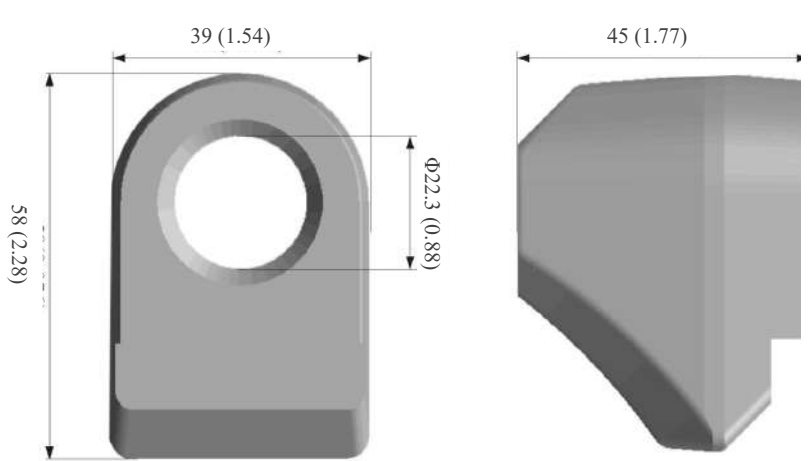
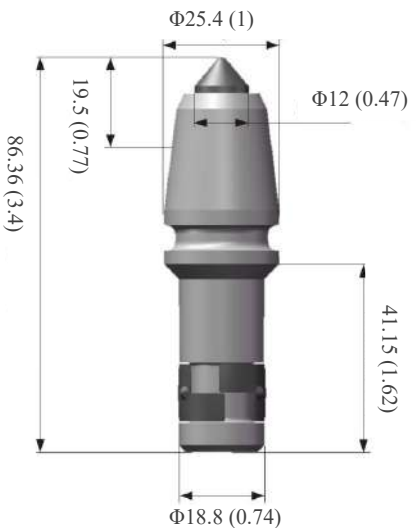


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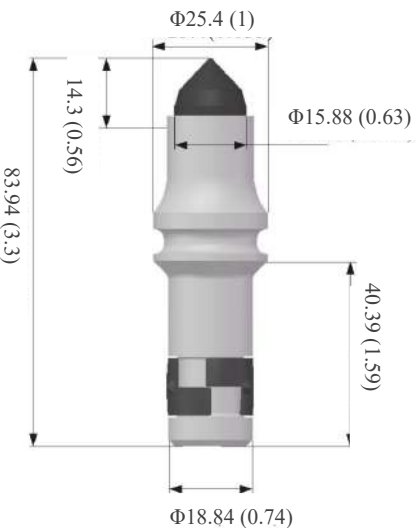


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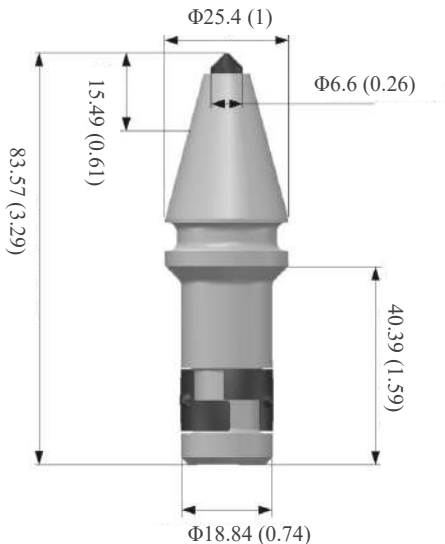
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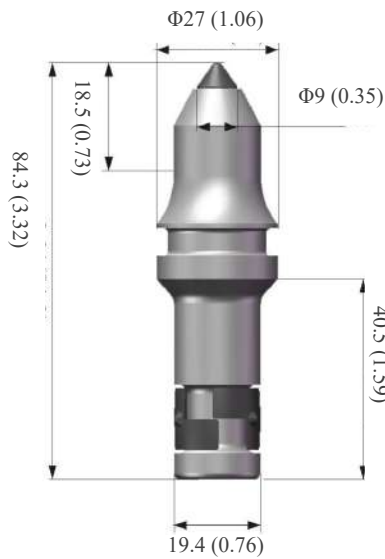
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FES FC24

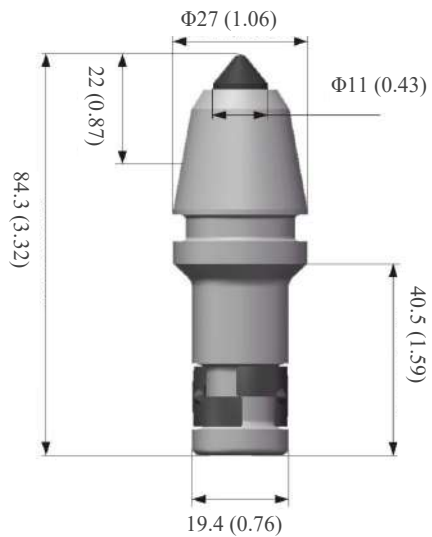


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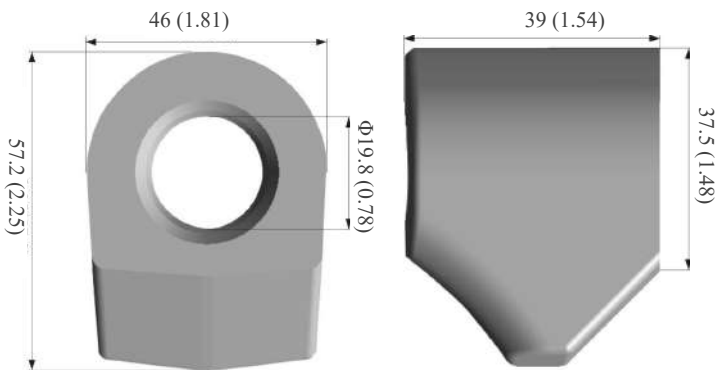
TEETH

FES FSK16



TEETH HOLDER

FES FC20HD



FES FV9

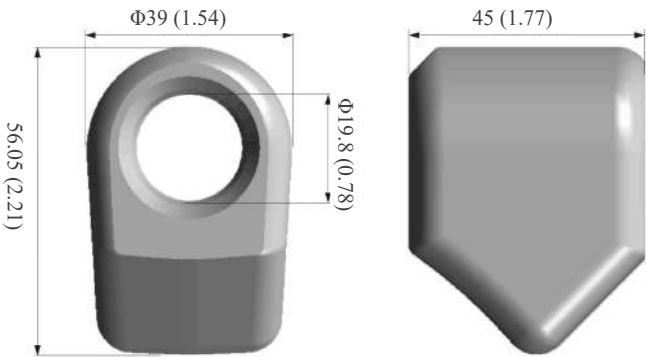
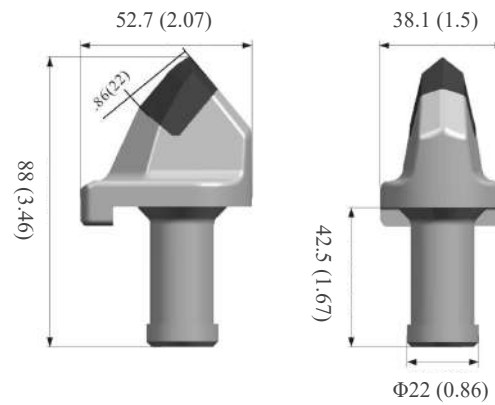


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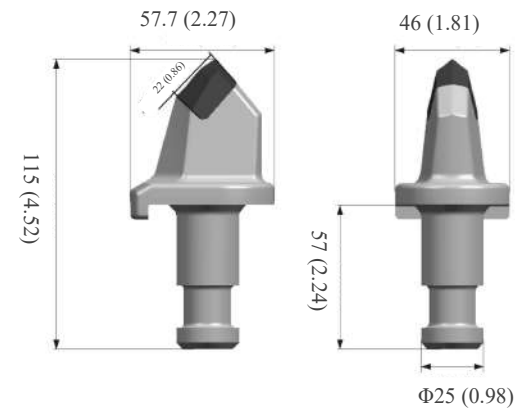


TEETH

FES	FFR07
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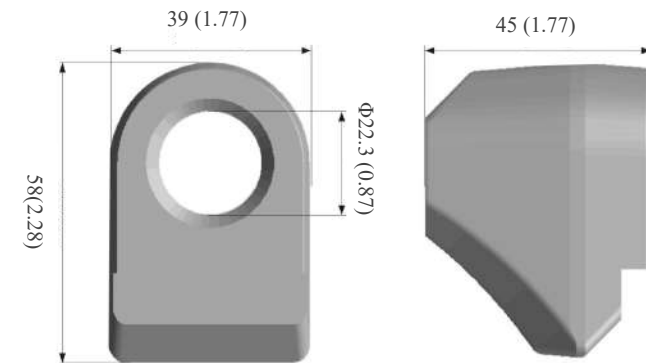


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TEETH HOLDER

FES	FHR133
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FES	FV25
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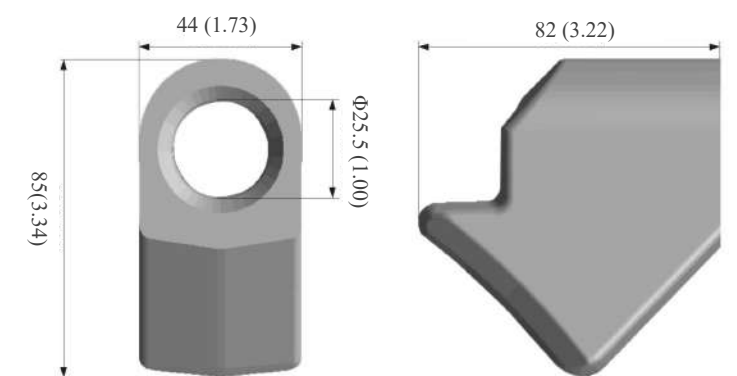


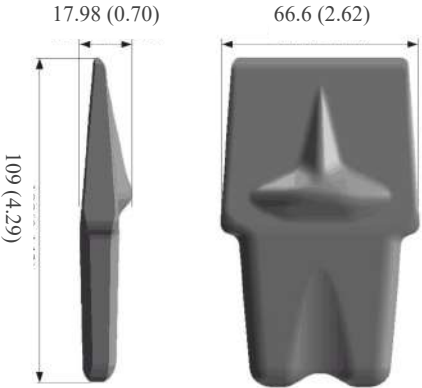
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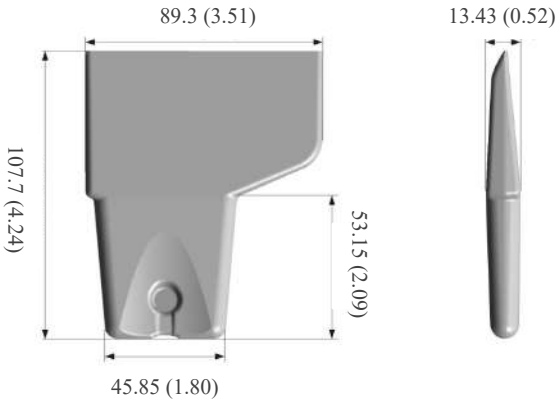
FLAT TEETH

TEETH

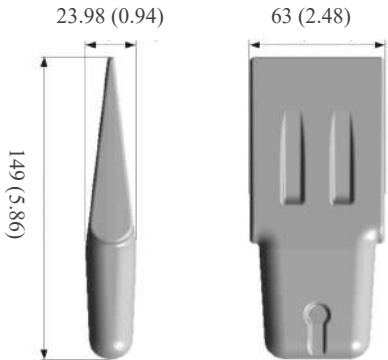
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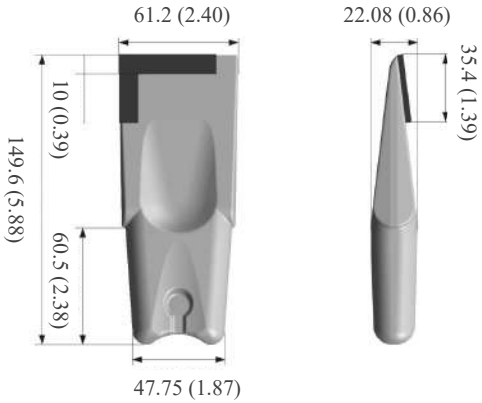
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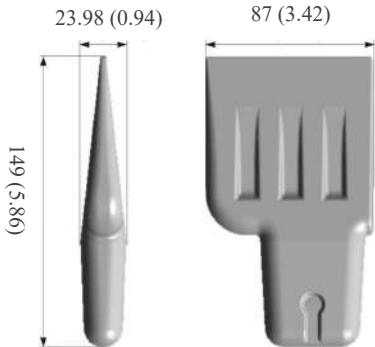


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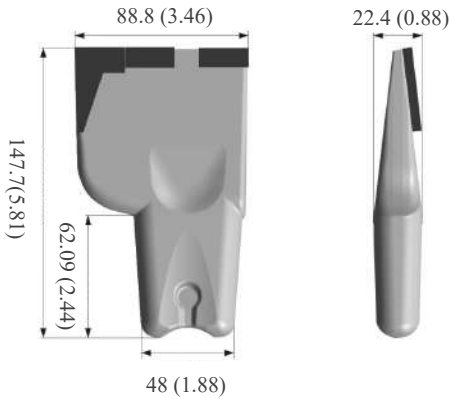


TEETH

FES F211

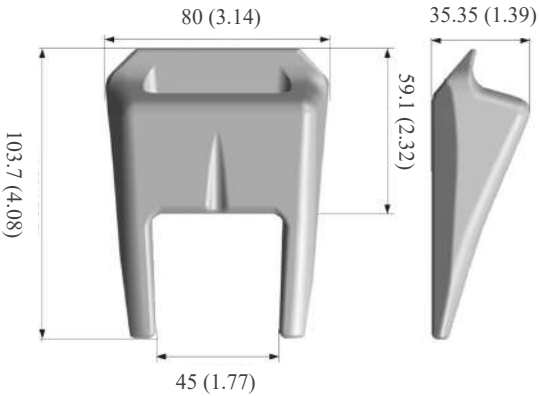


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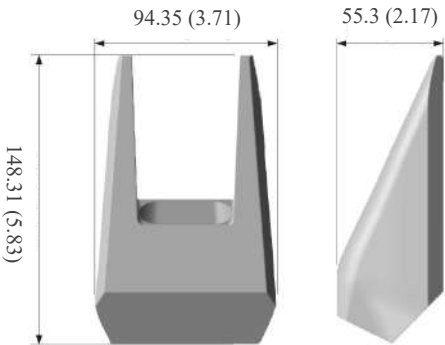


TEETH HOLDER

FES FO-1

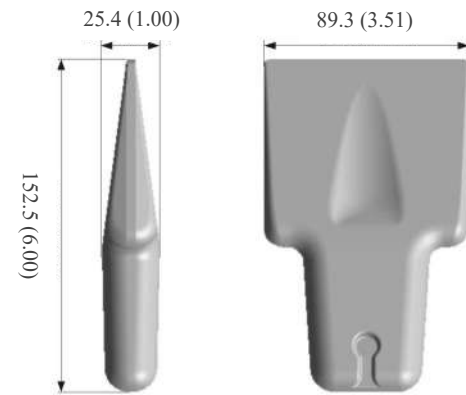


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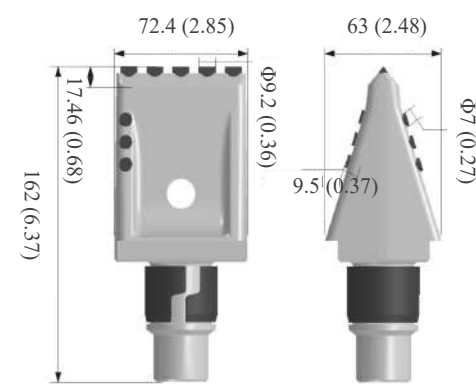


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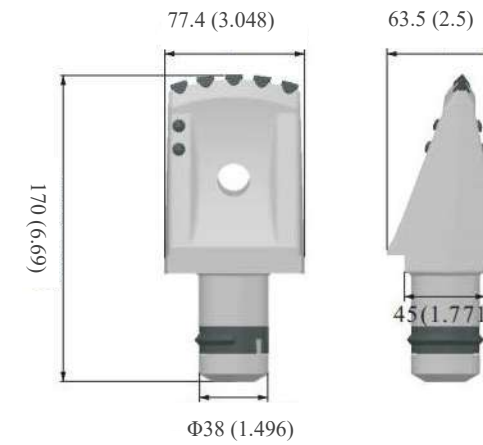
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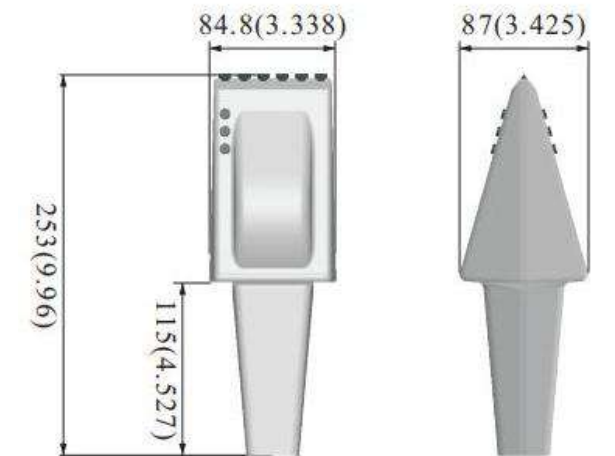
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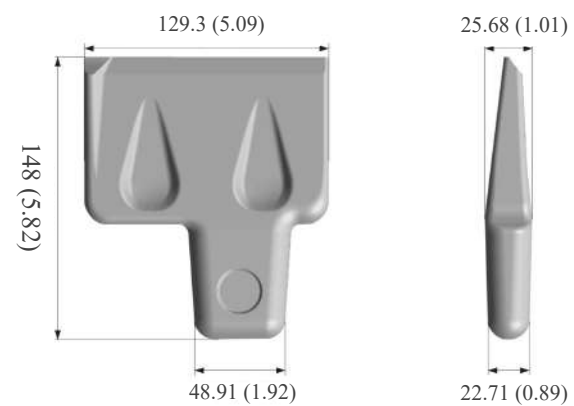


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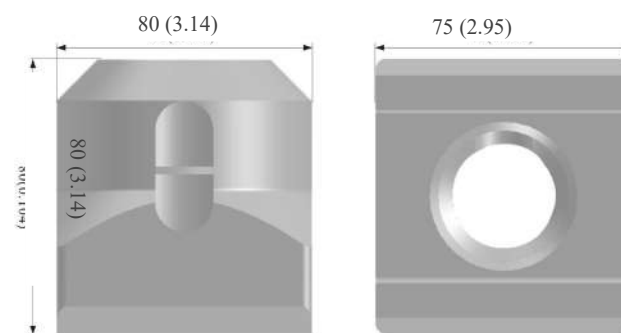
TEETH

FES F134



TEETH HOLDER

FES FHR112



FES FHR73

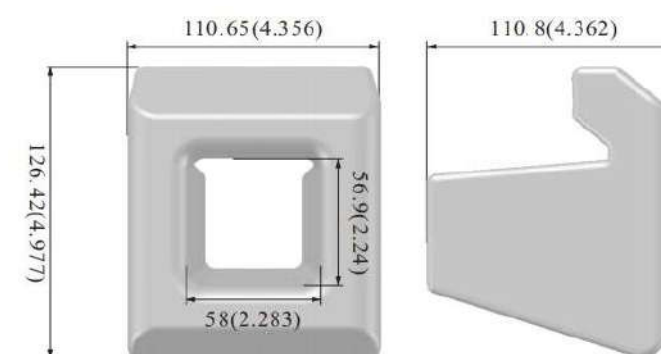
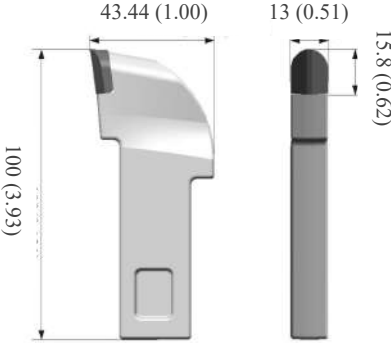
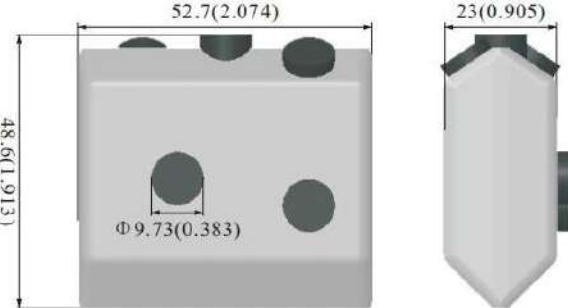
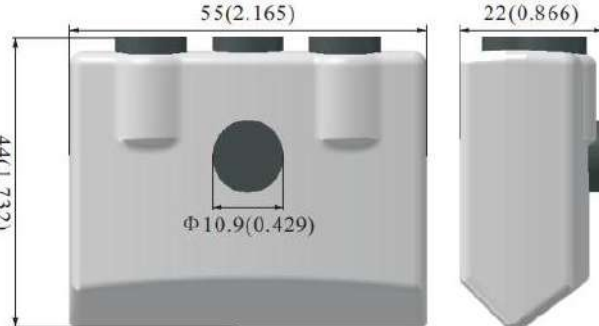
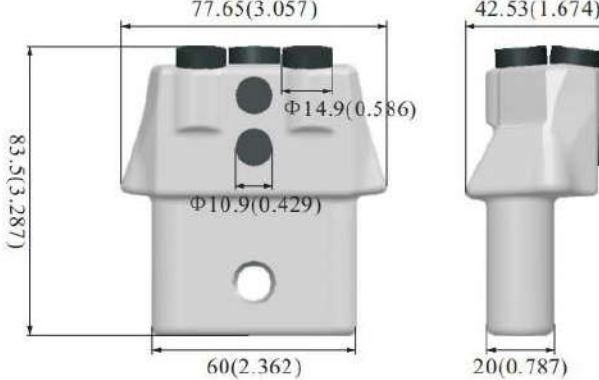


PHOTO GALLERY



CASING TEETH

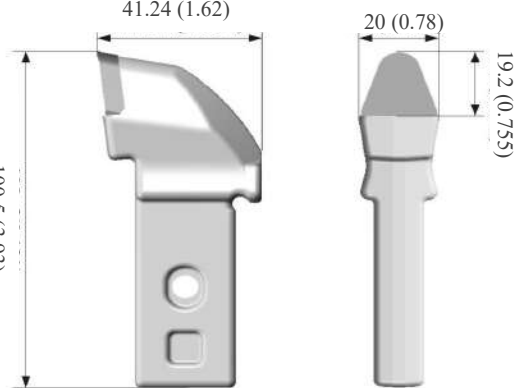
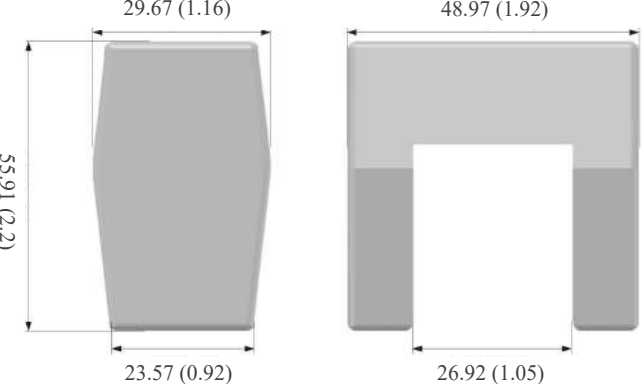
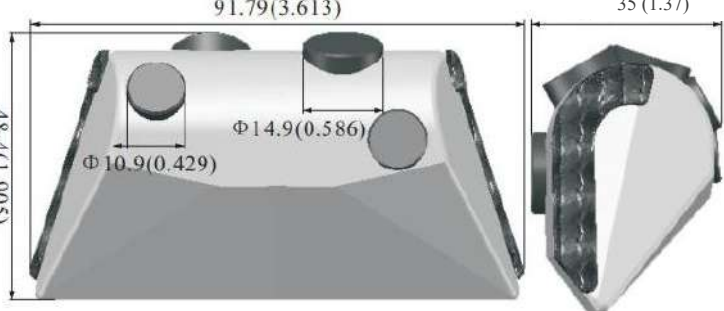
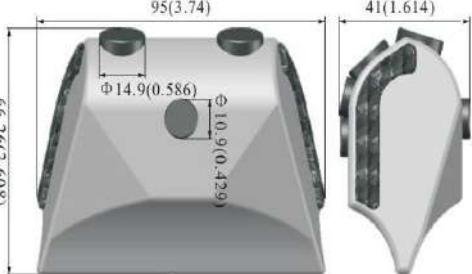
TEETH

FES	F7L	FES	FA10	FES	FA13	FES	FA80-31
							

TEETH

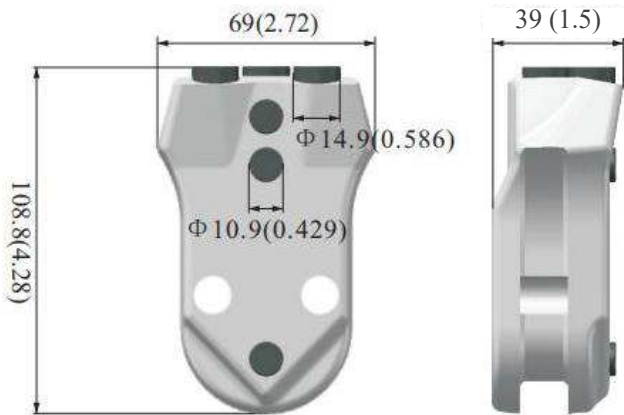
TEETH HOLDER

TEETH

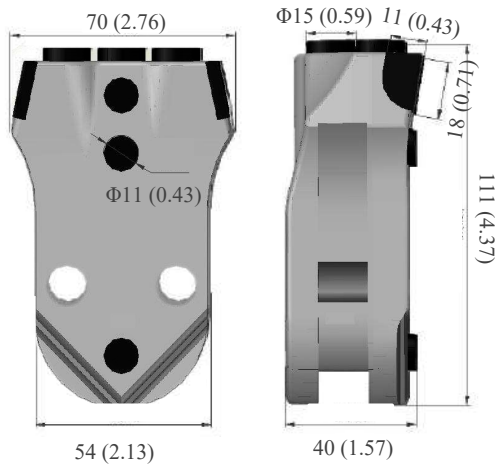
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TEETH

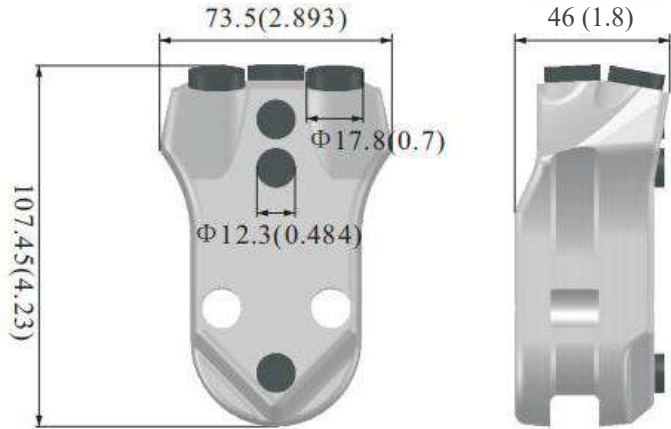
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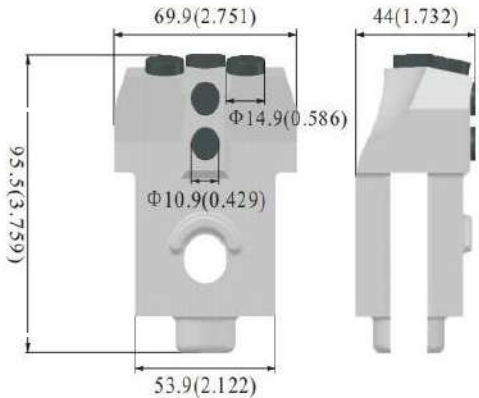
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FESFS46



FESFA47



TEETH HOLDER

FESFH35

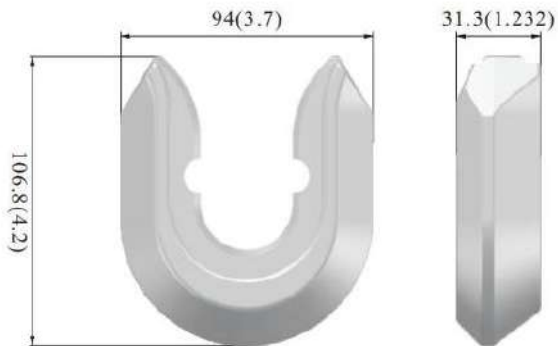
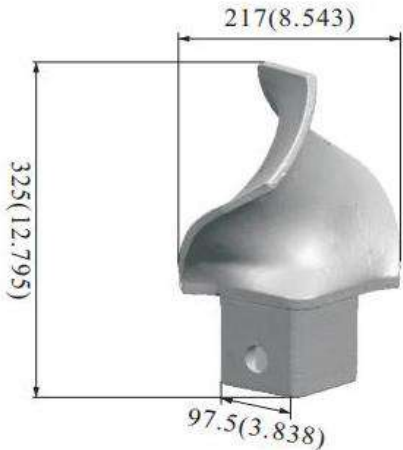


PHOTO GALLERY

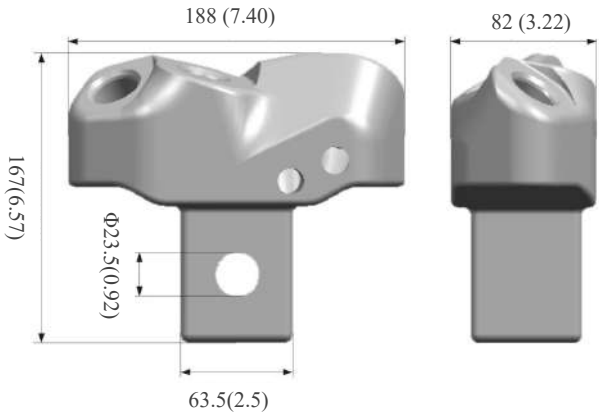


PILOT

FES F240S



FES FPM203



FES FRP4

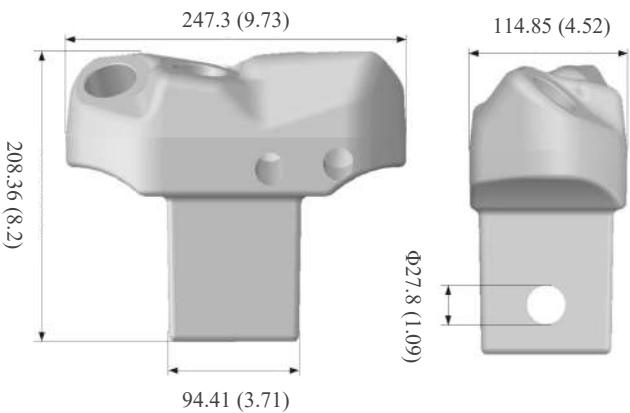
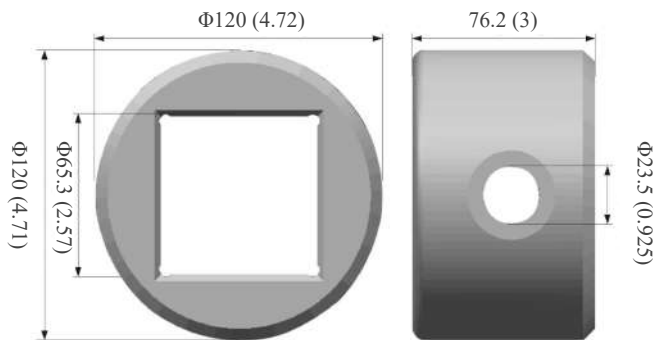


PHOTO GALLERY



PILOT HOLDER

FES FPM23 POCKET



FES FRP4 POCKET

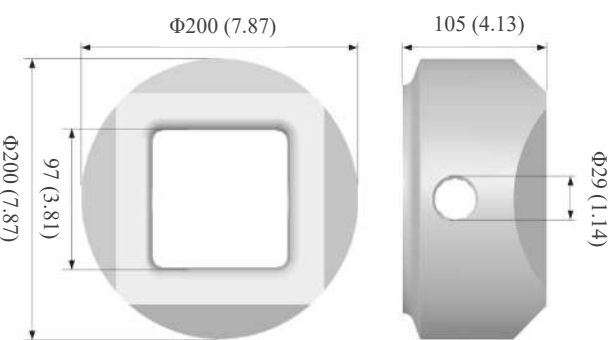


PHOTO GALLERY



TEETH PULLER

FES | SIMPLE TEETH PULLER



FES | HAMMER TYPE TEETH PULLER



FES | FORK TYPE TEETH PULLER



ROLLER BITS

FES

8 1/2" TYPE A



FES

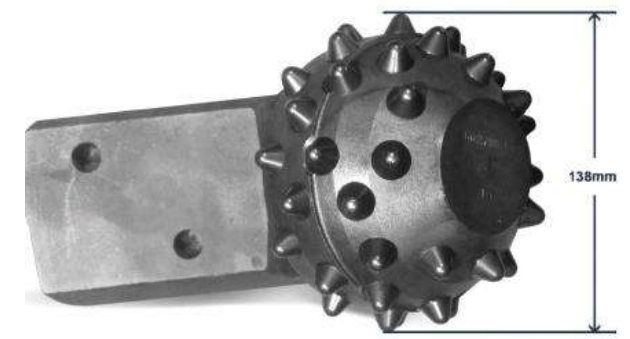
8 1/2" TYPE B



TEETH

FES

8 1/2" TYPE C



ROLLER BITS

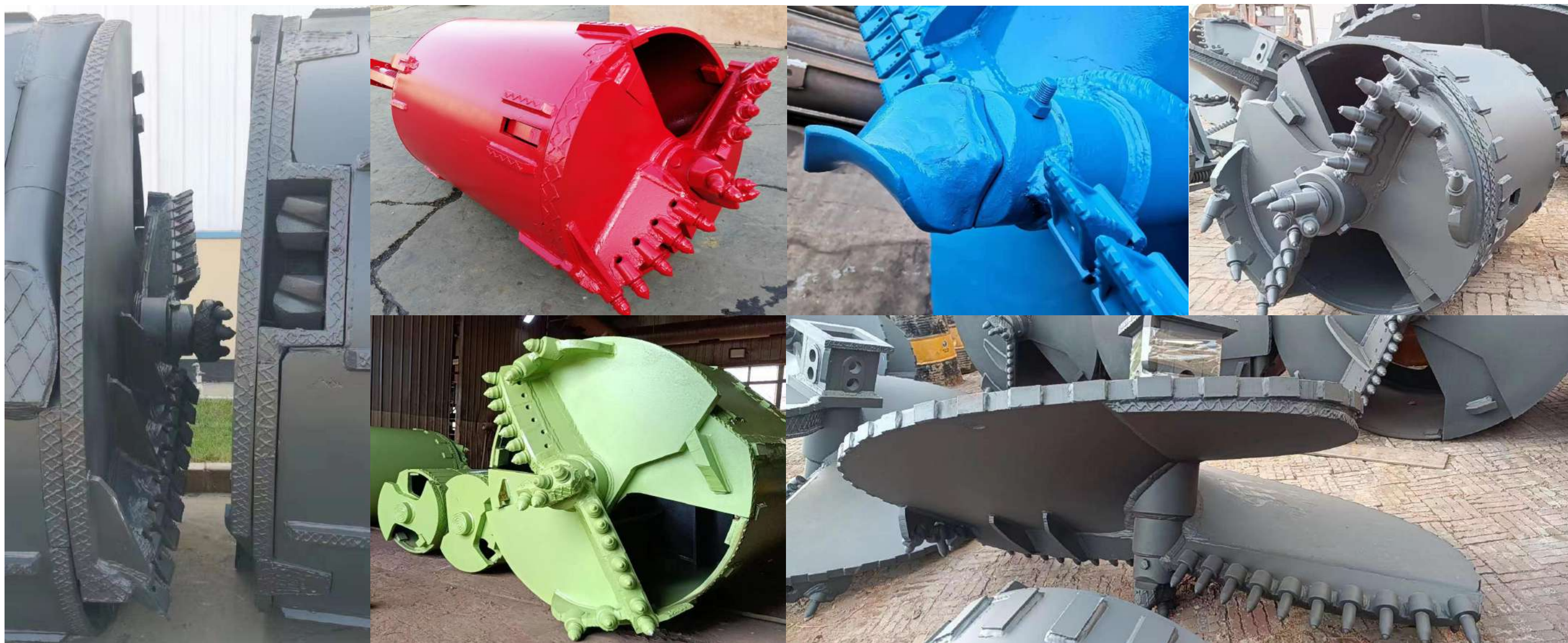
PHOTO GALLERY



PHOTO GALLERY



MORE APPLICATION



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