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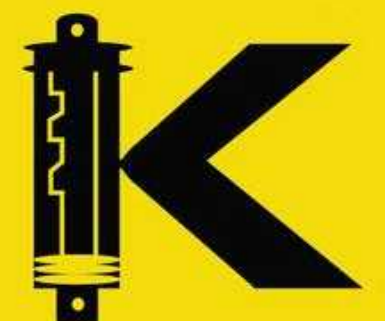


Hunan Kaizer Piling Machinery Co.,Ltd

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About Us

Hunan Kaizer Piling Machinery Co., Ltd.

Focuses on the designing and manufacture of kelly bar and rock drilling tools and provides supporting kelly bar and drilling tools for many rotary drilling rig equipment factories, mainly used for Bauer drilling rigs, Soilmec drilling rigs, Sany drilling rigs, XCMG drilling rigs, etc., have a fully automated welding robot production line, a professional product design team, more than 30 experienced welders, and more than 15 years of experience in the field of basic drilling equipment. Long-term cooperation with domestic brand companies, products sell well all over the world, especially Russia, Colombia, Chile, Malaysia, the United States, Japan, Egypt, India, etc.

KAIZER KELLY BAR

Kelly bars are key components in the execution of boreholes by hydraulic rotary drilling rigs. They transfer the torque of the rotary drive and the crowd pressure of the crowd system concurrently to the drilling tool. A kelly bar consists of more telescopic tubular sections with a system of drive keys and lock recesses, welded onto their outer surfaces. Standard kelly bars are fabricated with a total of 6 drive keys on each section. The tubular kelly sections are manufactured from high-tensile steel to ensure minimum weight at adequate strength. Standard kelly bars are delivered as friction Kelly bar or fully interlocking Kelly bar, suitable for Soilmec, Casagrande, Liebherr, Bauer, Sany, Xcmg, Zoomlion, IMT, MAIT, and more drilling rigs.



We are Specializing in the design and production of kelly bars, our team of engineers can provide solutions according to your drawings or needs.



Various models and styles of kelly bar can be provided, and kelly bar related accessories are provided according to your needs.



INTERLOCKING KELLY BAR FRICTION KELLY BAR FULL LOCK KELLY BAR

*2 - 5 fold telescopic construction for a depth range from 15 - 150 m.

*torque transfer capacity 120 - 480 kNm.

*standardized square kelly drive stub for connecting all types of drilling tools .

*High-strength seamless steel pipe,35crmo,Q345B.

Packing and shipping for Kelly Bar

All kelly bars will be wrapped with plastic bubble film, waterproof and dustproof. The iron frame is installed to keep the height of the kelly bar consistent and balanced. At the same time, it is convenient for crane loading and unloading during transportation.



1. If the total length of the kelly bar is less than 11.5 meters and the total weight does not exceed 28T, we will use containers for shipment.
2. If the total length of the kelly bar exceeds 11.5 meters, we will ship it in bulk.
3. Our kelly bar delivery and packaging pictures for your reference.



Kaizer-Drilling Bucket

- *Clay Drilling Bucket
- *Rock Drilling Bucket
- *Cleaning Bucket
- Centrifugal Bucket



- *Kelly Box size:130;150;200mm,or as per customer requirement.
- *Material: Q345B
- *Single Cut size from 520-1500mm
- *Double Cut size from 1000-2500mm



Clay Drilling Bucket



Rock Drilling Bucket



Cleaning Bucket



Centrifugal Bucket

Kaizer-Drilling Auger

- *Flat Clay Auger
- *Flay Rock Auger
- *Conical Rock Auger



Flat Clay Auger



Flat Rock Auger

Packing And Shipping For Drilling Tools

- *Kelly Box size:130;150;200mm,or as per customer requirement.
- *Material: Q345B
- *Single Cut size from 520-1500mm
- *Double Cut size from 520-2500mm



Conical Rock Auger



Kaizer-Core Barrel

*Roller Bits Core Barrel

*Core Barrel With Round Shank Chisel Teeth



Rollar Bits Core Barrel

Core Barrel with Round Shank Chisel Teeth

Kaizer Core Barrels are used for cutting an annular ring in rock or concrete (also reinforced concrete). The center core is usually broken with a chisel, rock auger, or cross-cutter. The advantage of a core barrel is the concentration of the crowd force and torque on a small ring of cutting teeth. The diameter series of Kaizer Core barrels are standard sizes. Other lengths and diameters can be supplied on request.

*Size: 520-2500mm.

*Up to strong rock of 100Mpa suitable for cutting through fissured rock.

*Kelly Box size: 130; 150; 200mm, or as per customer requirement.

*The round shank chisels can be easily replaced when using suitable tools.

Kaizer-Casings

***Kaizer Casing** used Q420B or Q345B steel pipe, Thickness 8-60mm, Outer Diameter(Round):620 - 2500 mm, Length:1m to 6m. *The use of powerful rotary drives or the use of oscillators requires the application of heavy-duty casings. Kaizer offers two types of casings: Double-walled casings and Single-walled casings.

*Double walled casings can be used universally, as they are designed especially for transmitting high rotational and vertical forces as created by the rig rotary drives or oscillations. The use of double-walled casings ensures a flush drill string.



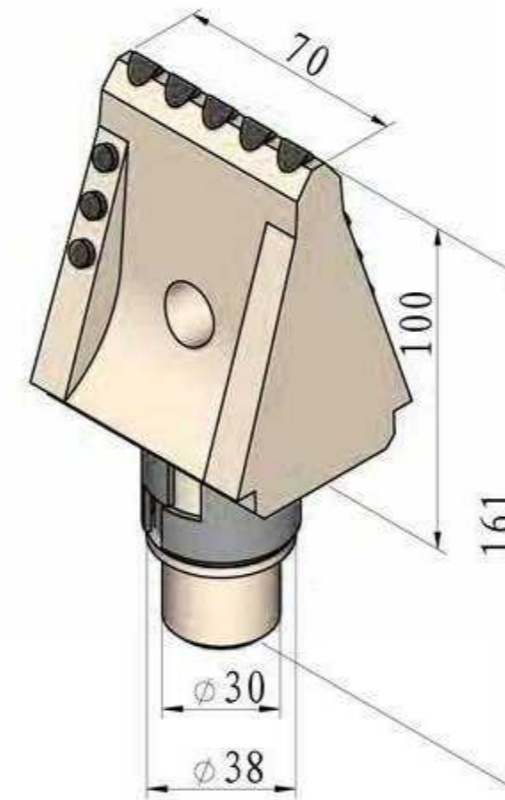
*Single-walled casings can be used for applications where weight reduction is important. *The upper end of the sleeve can be connected with the protective cylinder driver or the sleeve through a pin shaft, and the lower end of the sleeve can be connected with the sleeve shoe or the sleeve. The casing has protective support and guiding functions.

Kaizer-Flat Teeth

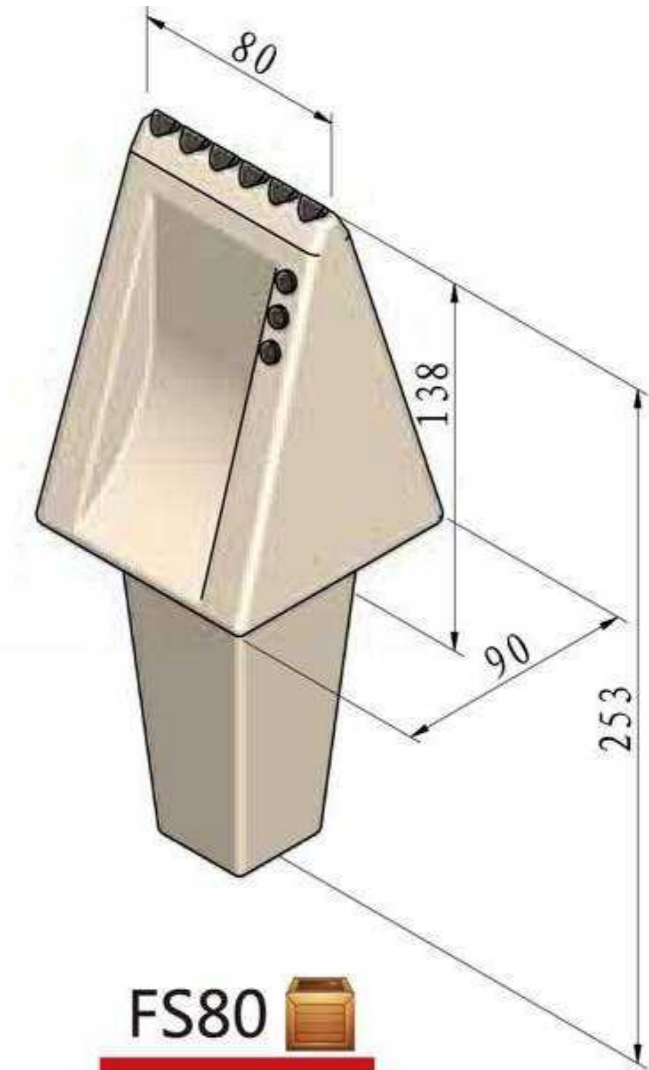
They are used as cutting teeth on augers, drilling buckets, and CFA starter augers in medium-soft clay conditions. Different models are designed according to different geology and applications.


Features of Flat Teeth:

- 1, Changeable holder welding position for cutting angle adjusting.
- 2, Quick-change connection design for easy replacement.
- 3, Embedded carbides on cutting edge and two sides for long-lasting tool life in abrasive condition.
- 4, Forging technology provides high strength properties.



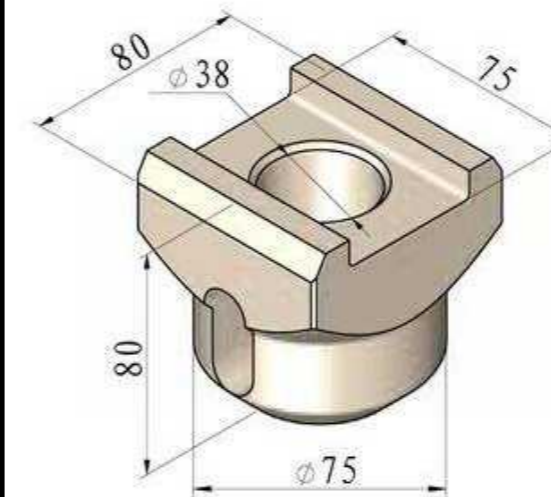
FS70 



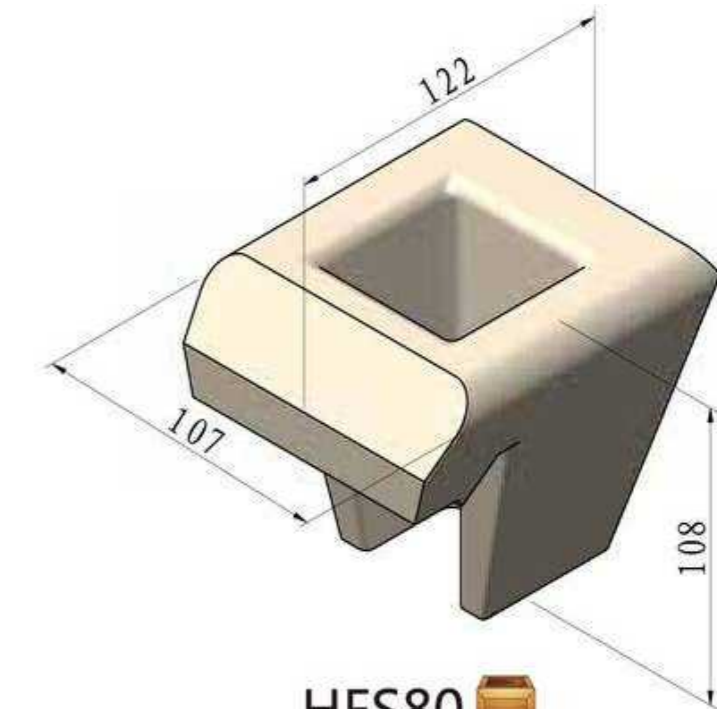
FS80 

Flat Teeth Holder

The excellent performance comes from reliable cooperation between flat teeth and the following holders.



HFS70 



HFS80 

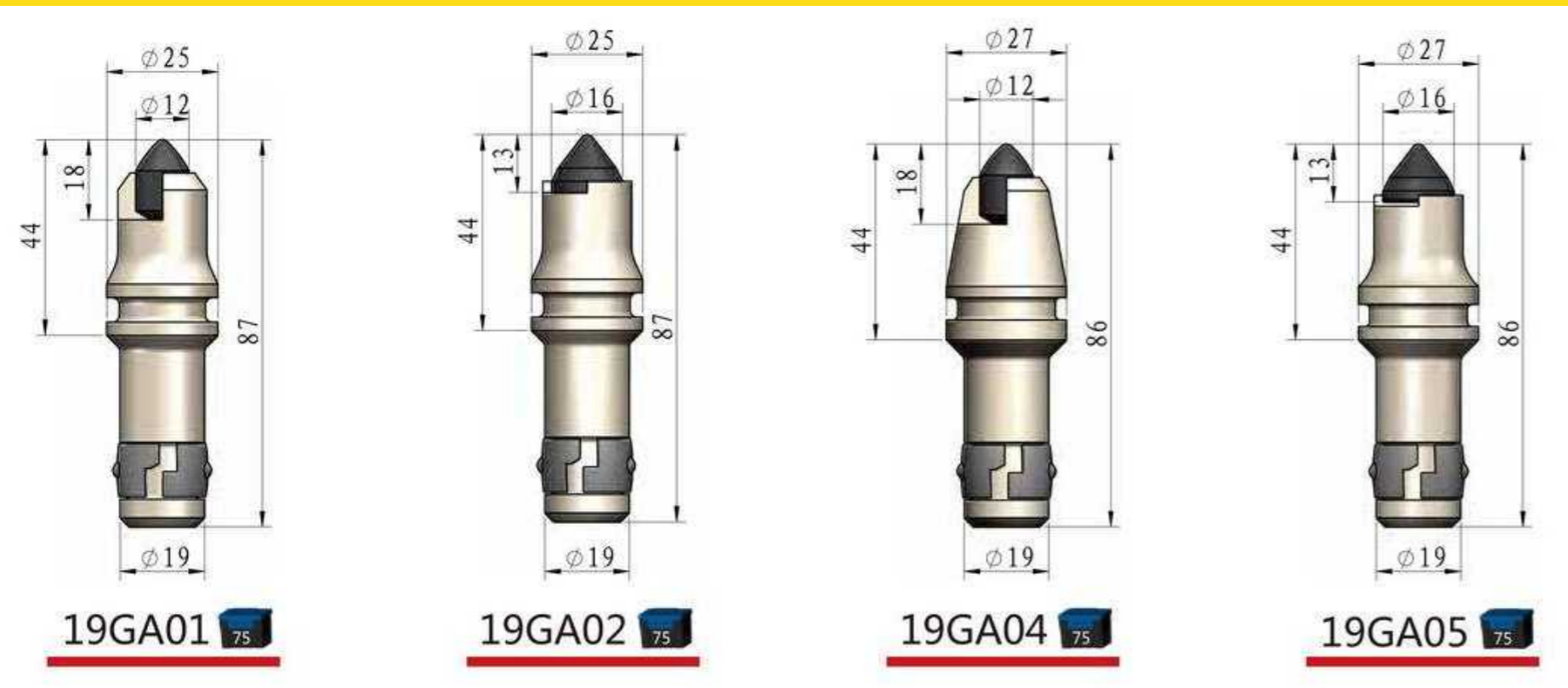
Kaizer-Foundation Teeth

Foundation Drilling Teeth

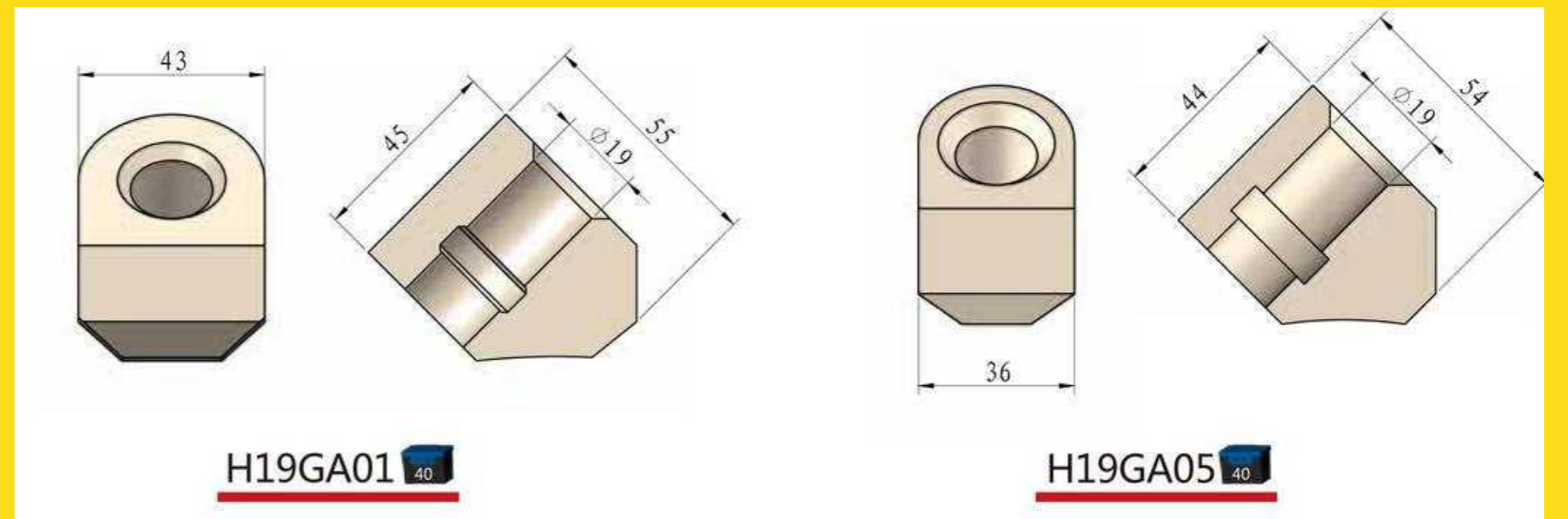
They are mounted on augers, drilling buckets, and coring barrels for ripping rocks in cobble and hard conditions. Kaizer can design customized teeth for different geological applications.

Features of Foundations Drilling Teeth:

- 1, High-grade tungsten carbide.
- 2, High Brazing Quality.
- 3, Advanced heat treatment technology provides good abrasive and impacts resistance.
- 4, Innovative design combines strength and penetration.
- 5, Excellent rotation in partnership with Kaizer Holder.



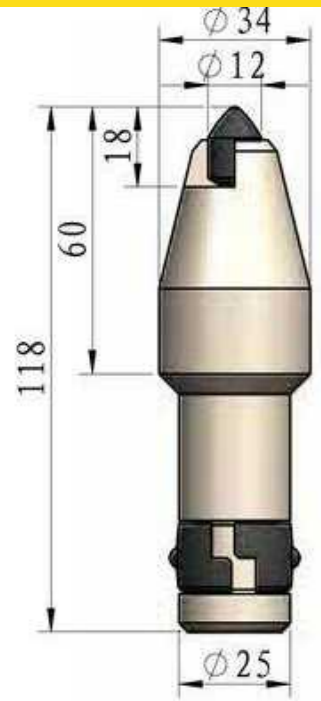
19GA Series For Small Diameter Augers and Drilling Buckets



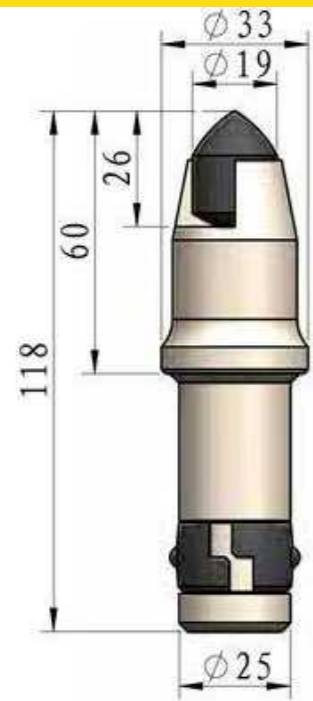
H19GA Series for ϕ 19mm Shank Tools

Kaizer-Foundation Teeth

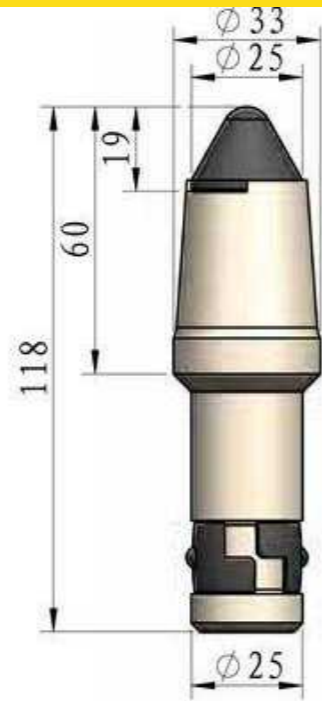
25GA Series for small to medium diameter augers and drilling buckets.



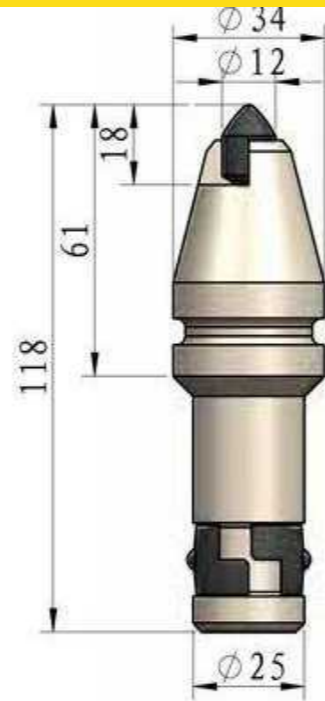
25GA01  30



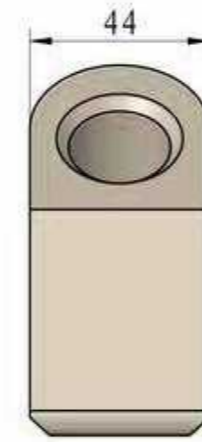
25GA02  30



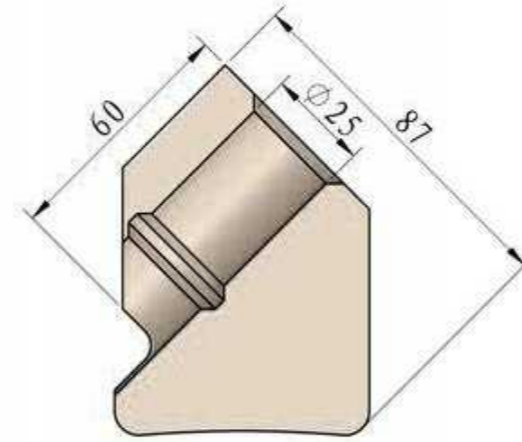
25GA03  30



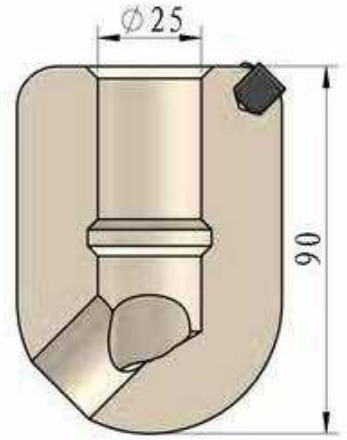
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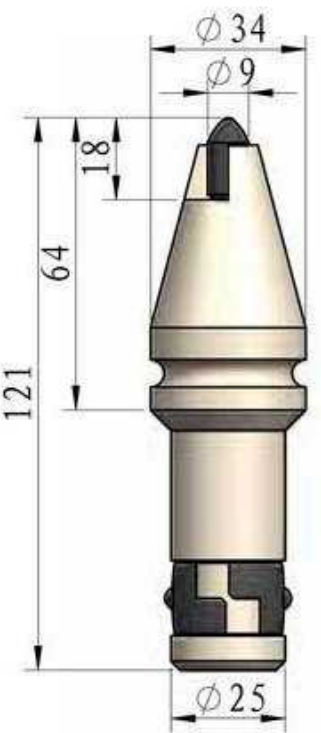
H25GA01  15



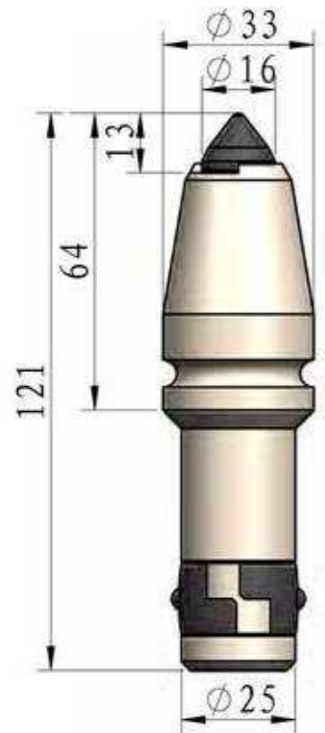
H25GA03  15



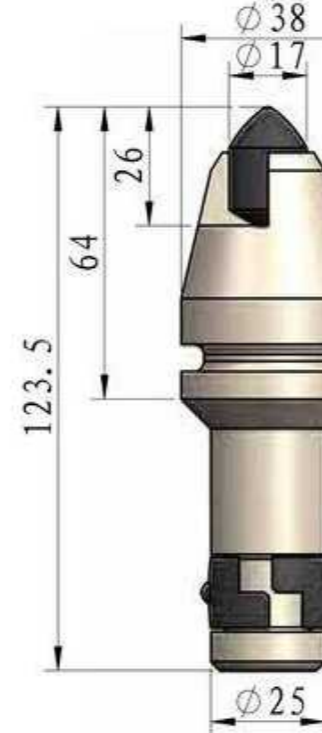
Holder for $\phi 25$ mm Shank Tool



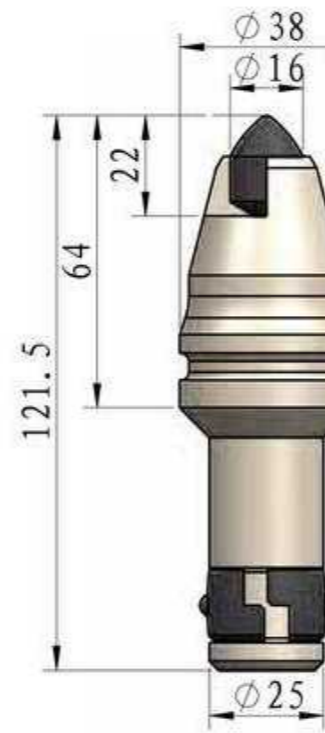
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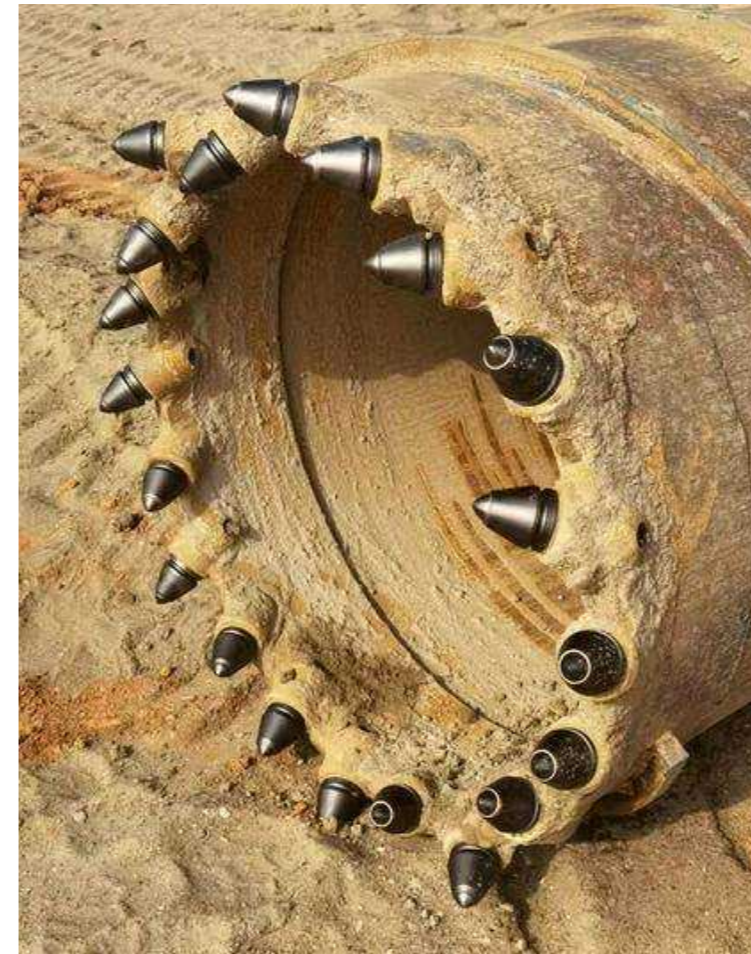
25GA06  30



25GA07  30

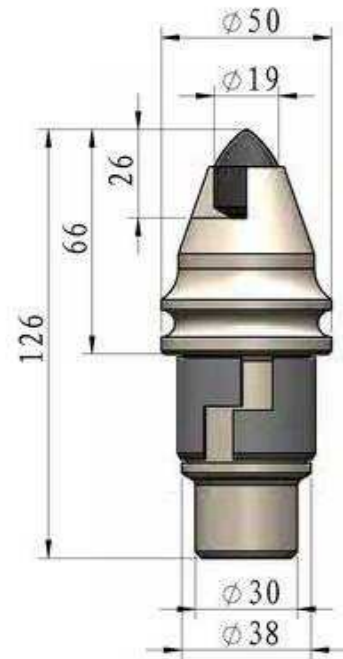


25GB01  30

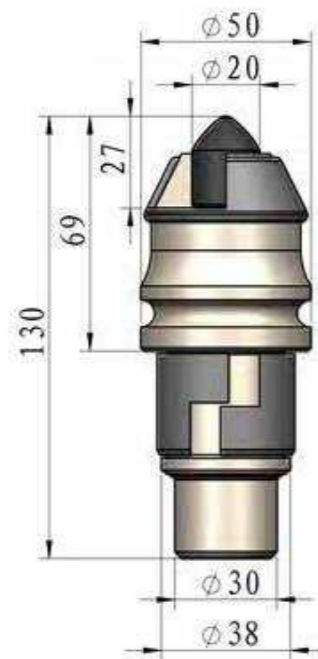


Kaizer-Foundation Teeth

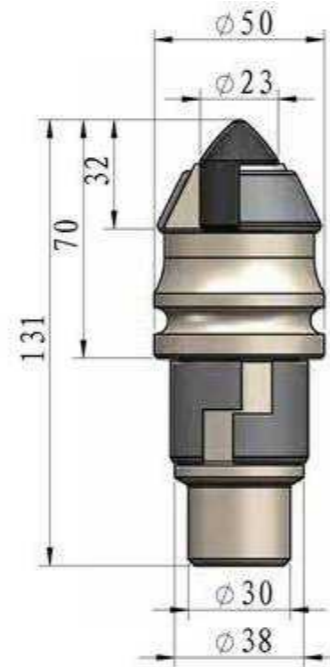
3038NA Series for medium to large diameter augers, drilling vuckets and core barrels.



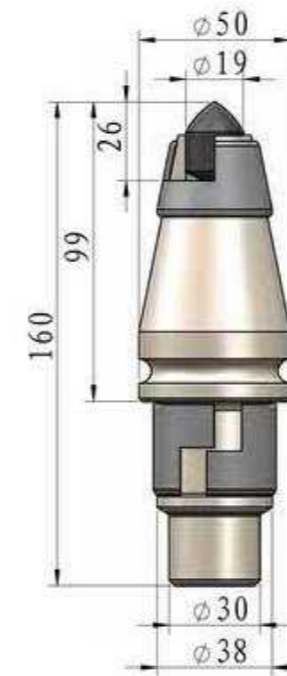
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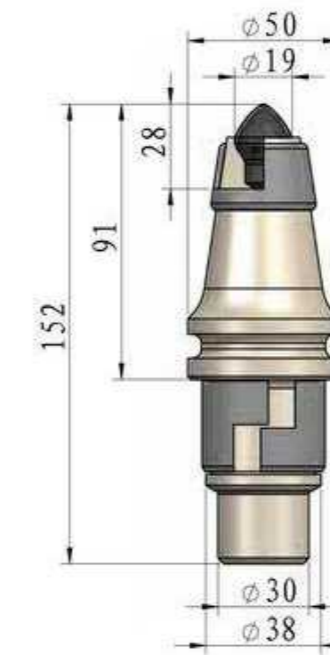
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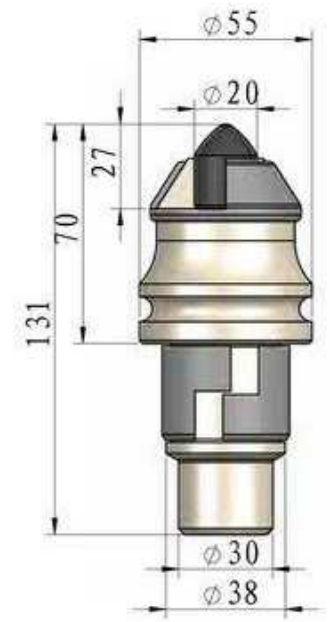
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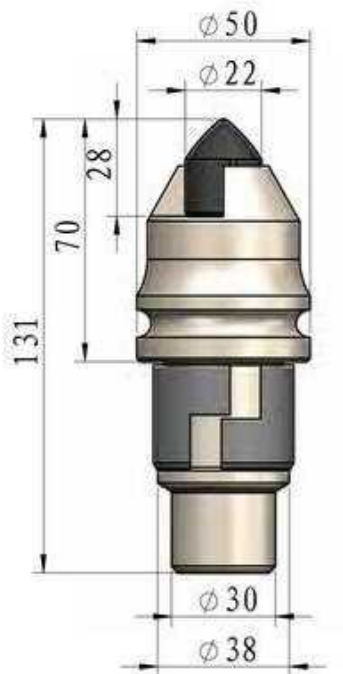
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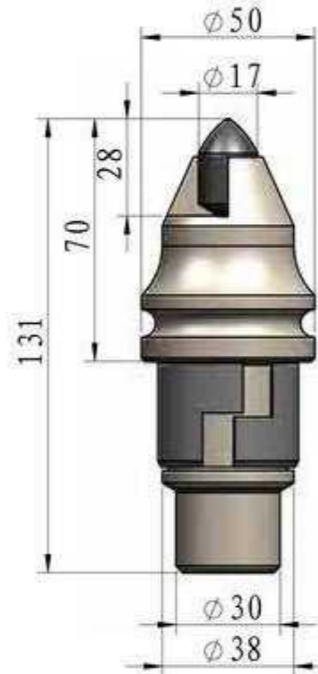
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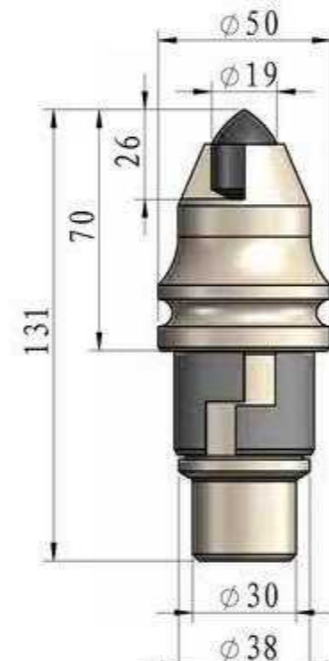
3038NB01H 15



3038NA04 15



3038NA05 15



3038NA06 15



Kaizer- Used Rotary Drilling Rig



Soilmec SR65
2010 manufacture
15000 Hours



Soilmec SR80C
2011 manufacture
13000 Hours