艾德

Build a dream for Ai
D is far-reaching

Pick Cutter

Tunnel/Mine Mining Tools



AID

艾德

Build a dream for Ai
D is far-reaching

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Company Introduction

Professional Manufacturer of Pick



艾德

AID is a first-line brand with comprehensive advantages in materials, equipment, technology, research and development, inspection, management, after-sales and logistics, with the business philosophy of "Build a dream for Ai D is far-reaching" and the mission of replacing imports and creating a national brand with ingenuity.

Won 10+ corporate honors.

State-level high-tech enterprises, provincial specialized small and medium-sized enterprises, Yantai municipal gazelle enterprises, municipal economic development representative enterprises, ISO9001 quality management system certification, etc.

1000+ cooperative customers

Competitive distribution/agency policy, vigorously support partners to explore the market, protect the interests of dealers and agents, and win-win cooperation.

Endorsement of some enterprises in the top 50 coal enterprises

The product quality, service level and enterprise reputation of the successful cases of the national large coal industry group can stand the market test.

With an annual production capacity of 1000000 pieces.

Sufficient raw materials and finished products are stocked, and modern and efficient manufacturing equipment is provided to meet the needs of large customers for mass products.

Shandong AID was established in 2012, focusing on the research, development and manufacture of pick. At present, the company has been rated as a national high-tech enterprise, a provincial-level specialized and innovative small and medium-sized enterprise and a municipal gazelle enterprise, and has 14 pick patents; It has also obtained the certification of quality, environment and occupational health. The company has five departments, one R&D center and four overseas offices in Qingdao, Jining, Yulin and Jinsha, with an annual production capacity of 1 million picks.

TECHNOLOGY

Technology Strength







Tungsten-cobalt superhard rock strengthened cemented carbide

The mature and stable brazing process is adopted, the ultra-high weld shear strength is 98%+ weld fullness, and the use does not turn around.

Hard rock buster can break rocks above F15 level.

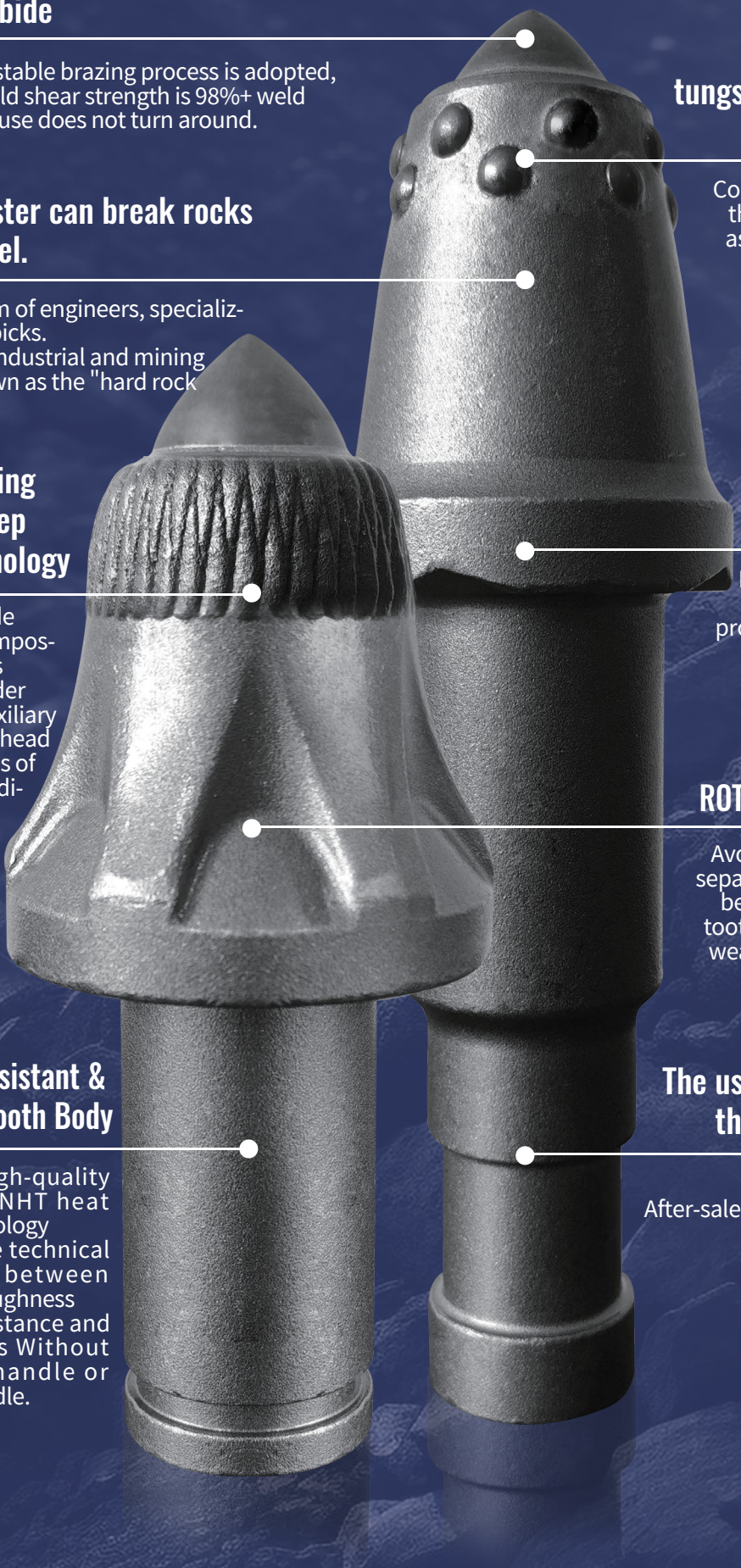
Professional team of engineers, specializing in hard rock picks.
Deal with harsh industrial and mining AID's pick is known as the "hard rock nemesis"

AID-3D Cladding Embedded Deep Melting Technology

Cemented carbide metallurgical composite material AID's proprietary powder brand Strong auxiliary cemented carbidhead Deal with all kinds of bad working conditions High wear resistance
Strong corrosion resistance

Super Wear-resistant & Super Tough Tooth Body

Forging with high-quality alloy AID-FF/ANHT heat treatment technology Overcoming the technical contradiction between hardness and toughness Super wear resistance and high toughness Without breaking the handle or bending the handle.



High performance tungsten-cobalt cemented carbide beans

Complement each other with the main alloy, and strongly assist the cemented carbide head to cope with various harsh working conditions.

Design of turbine tooth groove

Maintain the reliability and stability of the operation process and facilitate the use of tooth lifting pliers.

ROTATE tooth profile design

Avoid eccentric wear and pick separation, so that the pick can better rotate smoothly in the tooth sleeve or tooth seat, and wear evenly without eccentric wear and pick separation.

The use effect is 2-5 times that of the same model

Support against PK
After-sales engineers track the effect on site.



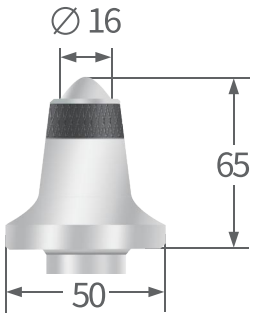


Shearer Pick

The pick of shearer is mainly suitable for different coal seams and rock strata underground, and it is a cutting tool in underground coal mining machinery. It is installed on the shearer drum together with the gear sleeve and gear seat, and belongs to one of the vulnerable parts of coal falling. Its performance directly affects the production capacity of coal mining machinery, power consumption, working stability and the service life of other related parts.

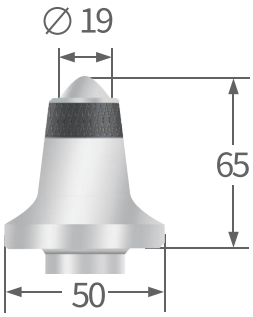
U62/U75

AID-U62-16

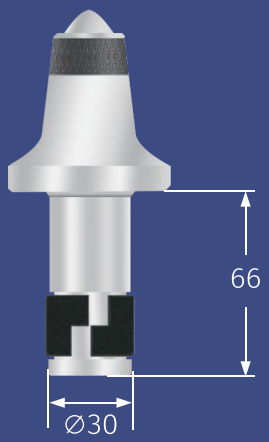


- Suitable for medium and small power shearer.
- The latest cemented carbide has strong permeability and high cutting efficiency.

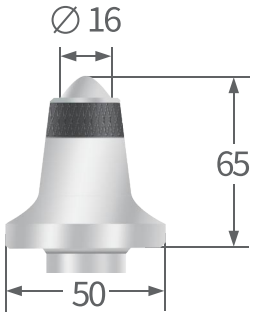
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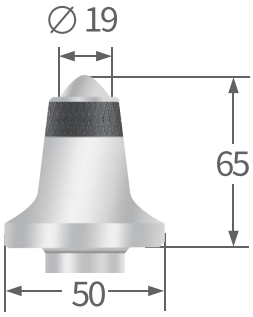
- The wear-resistant layer with high hardness protects the main alloy and improves the service life of the pick.
- Cemented carbide matching range 16 mm-25 mm.



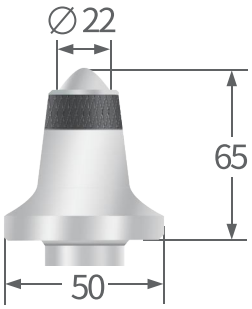
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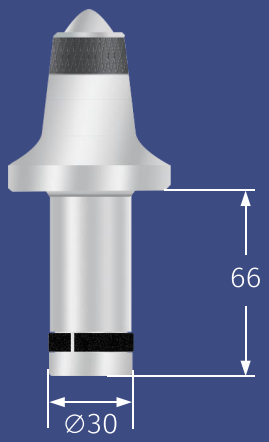


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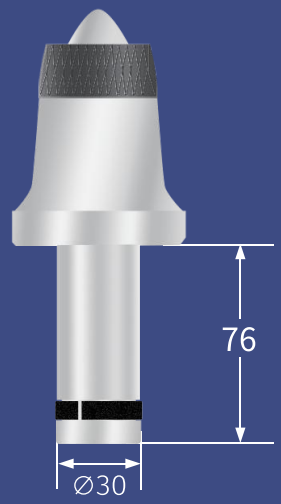


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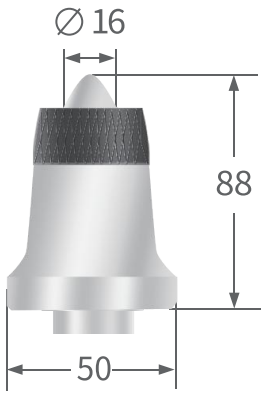
Narrow Clamp Spring Series

- Suitable for medium and small power shearer
- Standard shoulder width provides tooth sleeve and tooth seat protection.
- Suitable for light working conditions-heavy working conditions
- Embedded with the latest cemented carbide, it has strong permeability and high cutting efficiency.
- The wear-resistant layer with high hardness protects the main alloy and improves the service life of the pick.
- Cemented carbide matching range is 16 mm-30 mm.

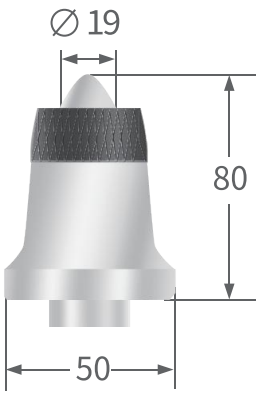
U80

* Part of common selection

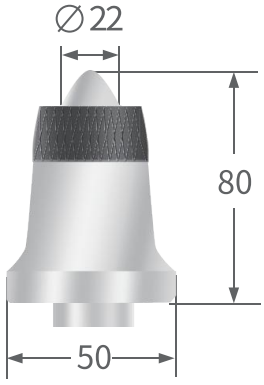
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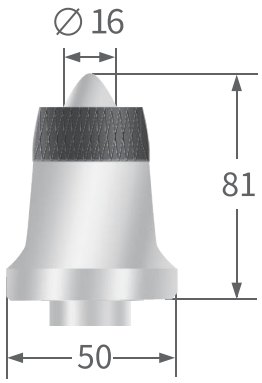
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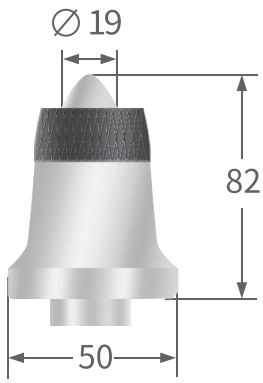
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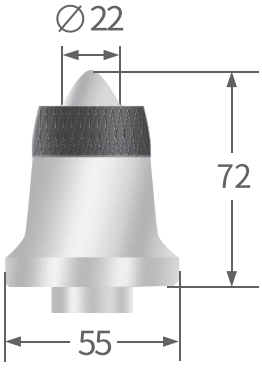
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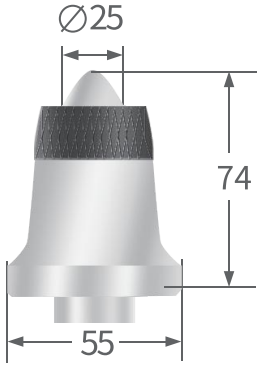
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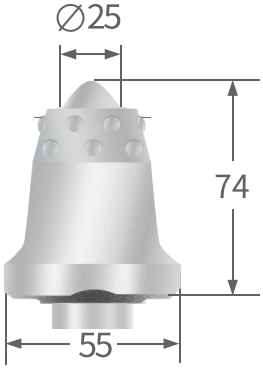
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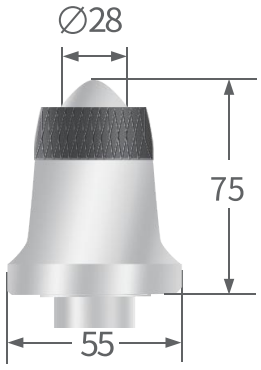
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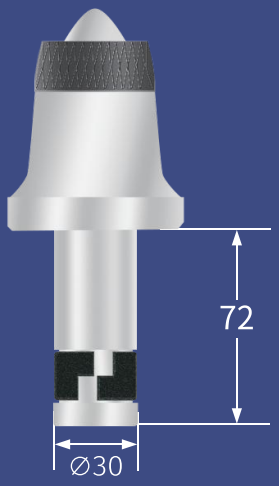


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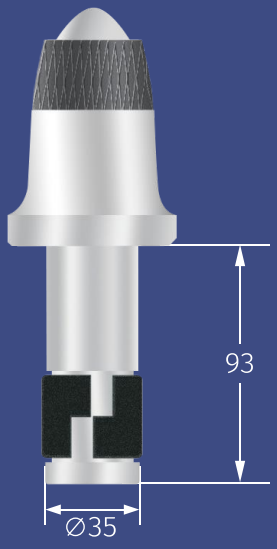


Wide Circlip Series

- Suitable for medium and small power shearer
- Standard shoulder width provides tooth sleeve and tooth seat protection.
- Suitable for light working conditions-heavy working conditions
- Embedded with the latest cemented carbide, it has strong permeability and high cutting efficiency.
- The wear-resistant layer with high hardness protects the main alloy and improves the service life of the pick.
- Cemented carbide matching range is 16 mm-30 mm.

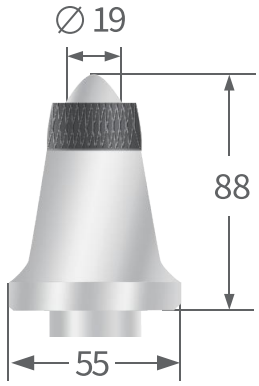
U80

* Part of common selection

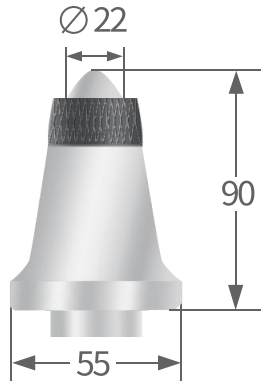


- Suitable for medium and high power shearer
- Increasing lump coal rate can customize the thin body extension type of cutting part
- Suitable for medium-sized working conditions-heavy working conditions
- Widen the tooth shoulder to better protect the tooth seat and sleeve.
- The main body has strong wear resistance, high temperature spark resistance and rapid replacement.
- Wide pick head to improve impact load
- Cemented Carbide Matching Model 16mm-35mm

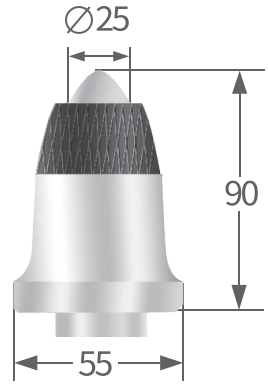
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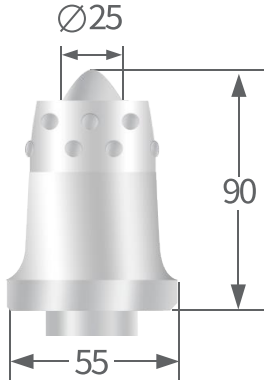
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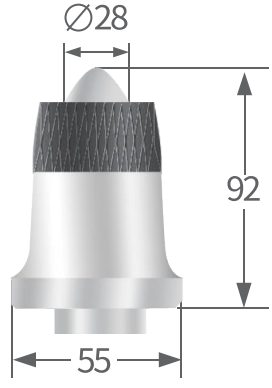
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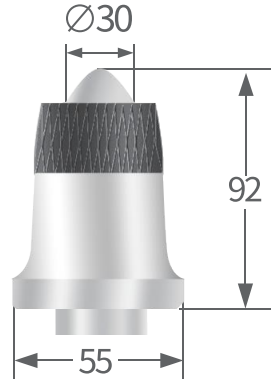
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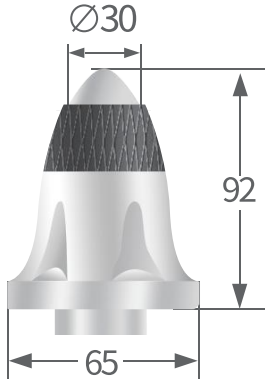
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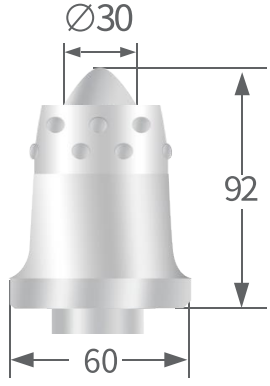
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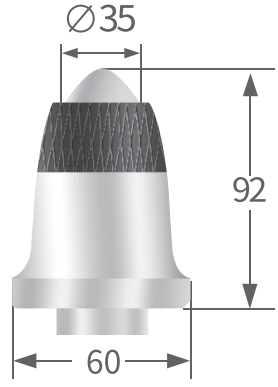
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AID-U95-30



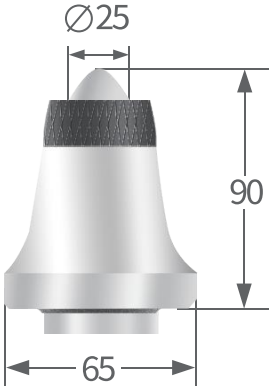
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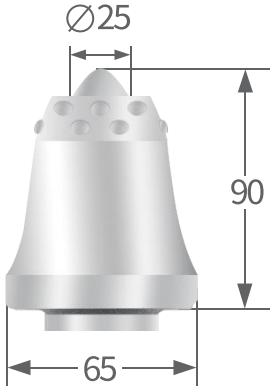
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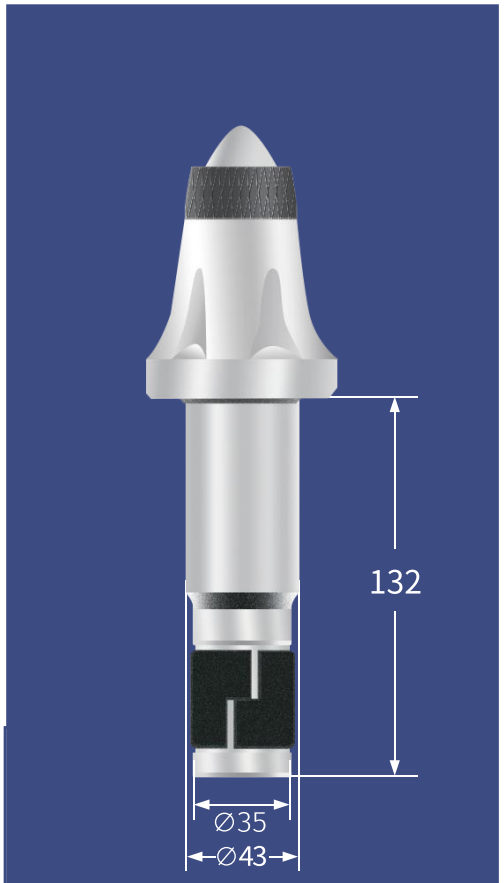
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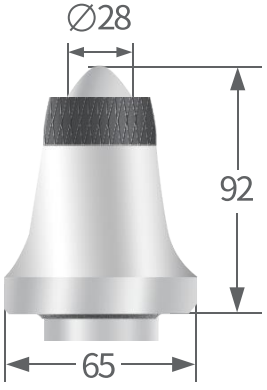


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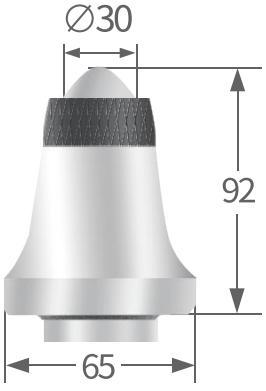




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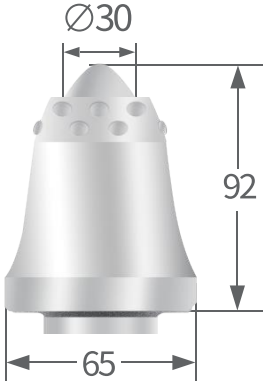


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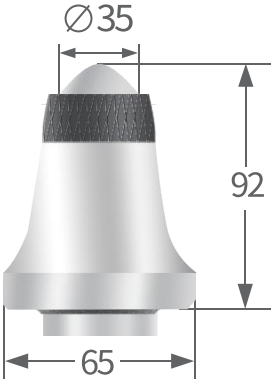


- Suitable for high-power shearer
- Design of rotary wing to solve the phenomenon of unilateral wear of pick
- Suitable for heavy-duty working conditions-super heavy-duty working conditions
- Effectively resist hard rock and corrosive working environment
- The wide flange shoulder protects the gear sleeve and the gear seat.
- The clamp spr provides reliable clam force.
- Cemented carbide matching range 22mm-35mm.

AID-U170-30



AID-U170-35



U170

* Part of common selection

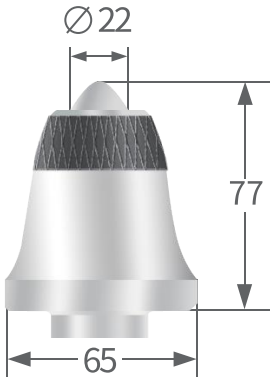
BREAKING HARD ROCK

Roadheader pick

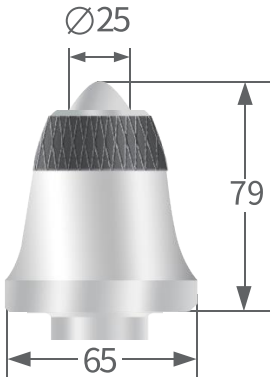
The pick of roadheader is more suitable for roadway cross-section rock stratum, subway mountain tunnel engineering, etc. It is the main tool on the cutting head (gun head) of roadheader and one of the vulnerable parts in roadway excavation. Its performance directly affects the production capacity, power consumption, working stability and the life of other related parts of the roadheader.

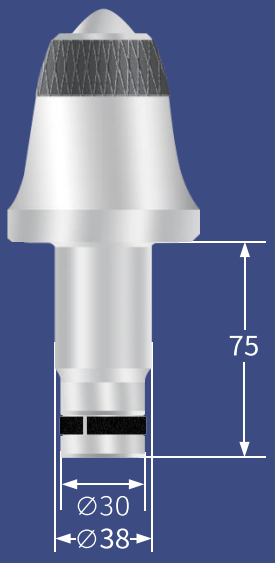


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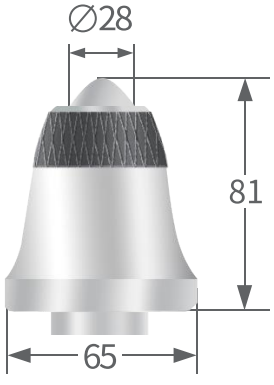


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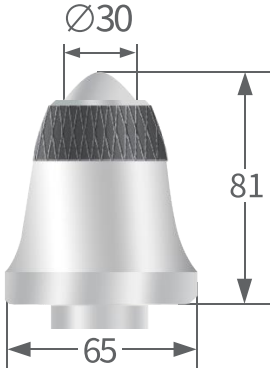




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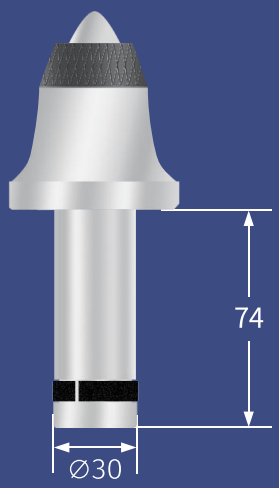
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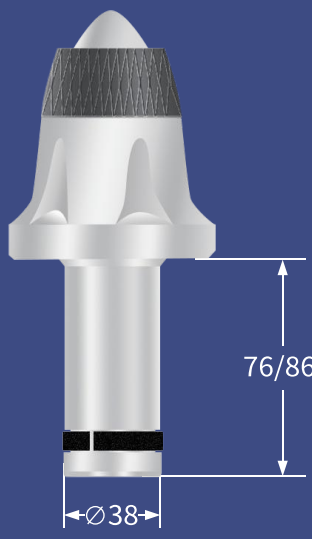
- High strength and wear resistance, suitable for medium-sized working conditions-heavy working conditions
- The pick does not generate high-temperature sparks in the working process.
- Widening the tooth shoulder provides protection for the tooth seat.
- High cutting efficiency in tunnels and mines.
- Cemented carbide matching range is 16mm-35mm.

* Part of common selection

U47



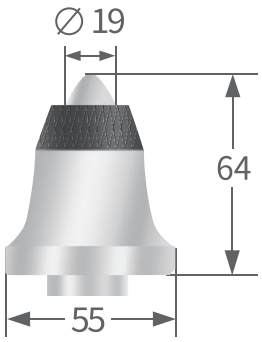
30-tooth handle series



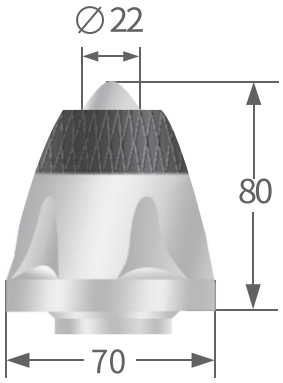
38-tooth handle series

U135

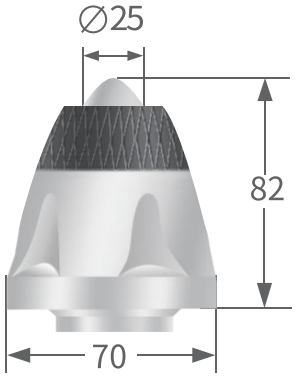
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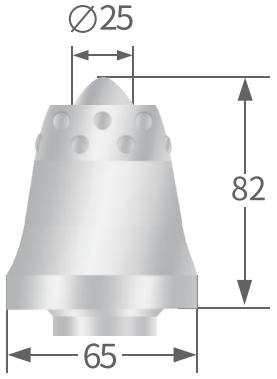
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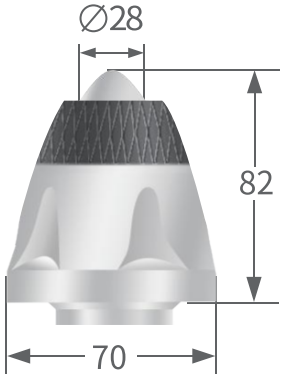
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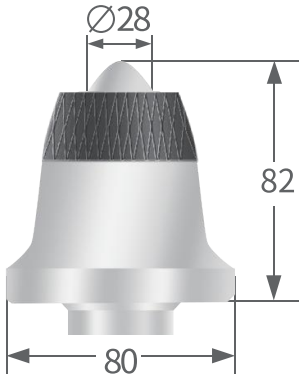
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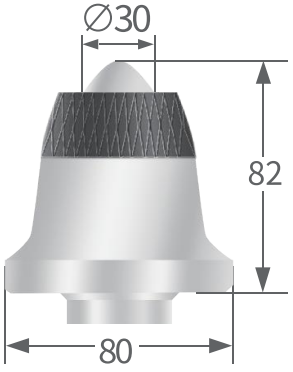
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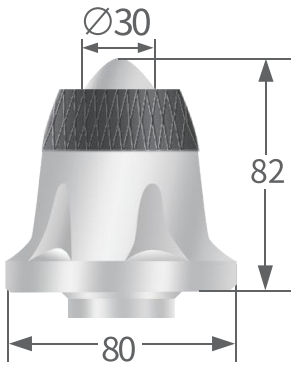
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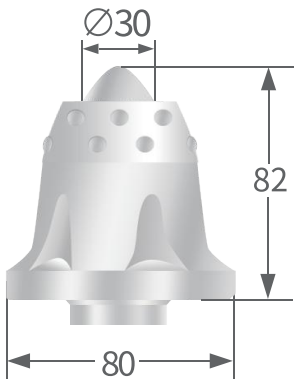
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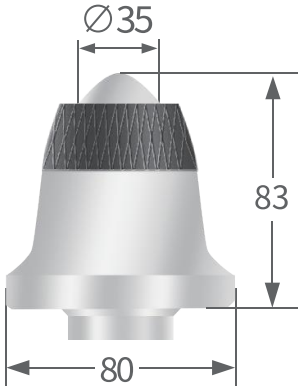
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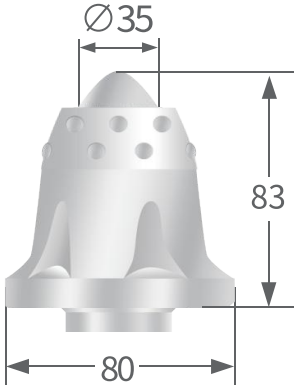
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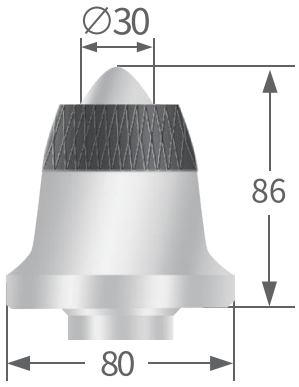
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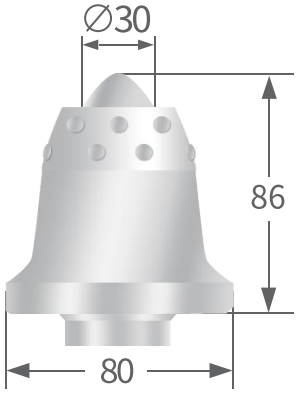
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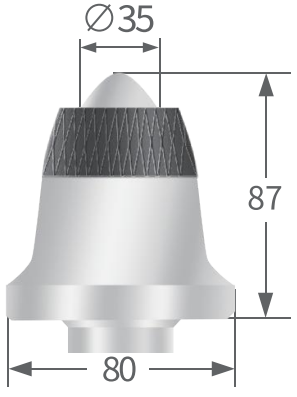
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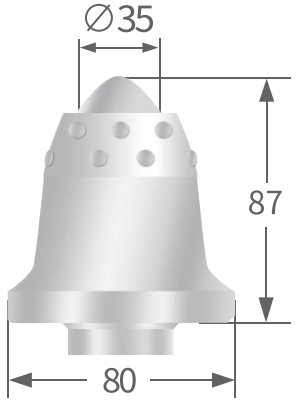
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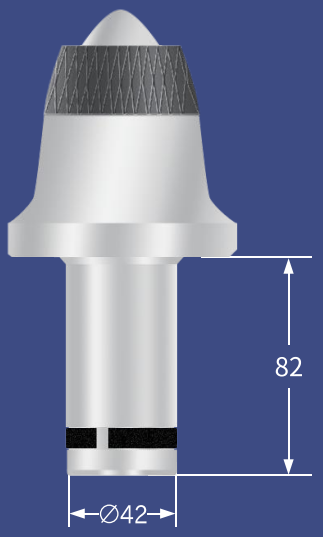


AID-4280-35



AID-4280-35





42 tooth handle series

- Hard rock level pick, suitable for heavy working conditions-super heavy working conditions.
- Standard main body design and wide flange shoulder provide the maximum protection for the tooth seat.
- It is suitable for highly corrosive rock conditions and fault-level all-rock roadways.
- High temperature spark resistance, high strength and wear resistance, and quick replacement.
- The pick for tunnel has strong impact resistance and good permeability.
- Cemented carbide matching range is19mm-35mm.
- Suitable for all types of roadheader.

* Part of common selection

U135

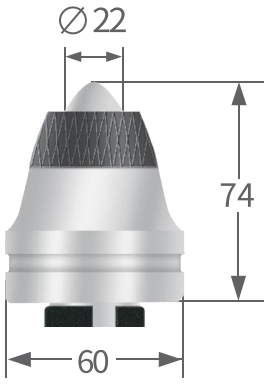
ROTARY EXCAVATOR

Rotary excavator pick

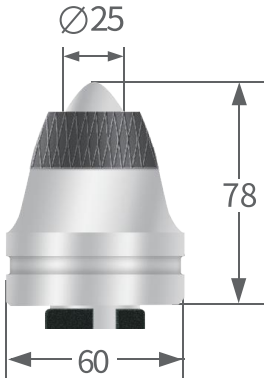
The pick of rotary excavator is one of the vulnerable parts for dry excavation with short auger bit, and it can also be used as rotary drill bit for wet excavation under the condition of mud arm protection, and can also be used for digging holes after drilling hard stratum with impact hammer. Its performance directly affects the auxiliary drilling time and the production capacity. It is cost-saving and pollution-free, and is especially suitable for the basic construction of urban construction.

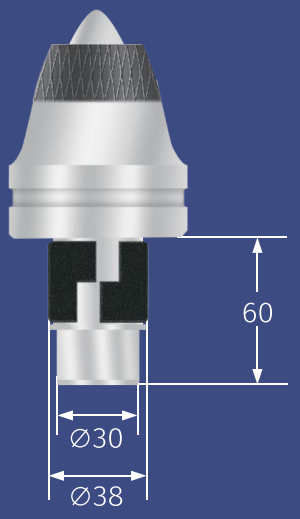


AID-3060-22

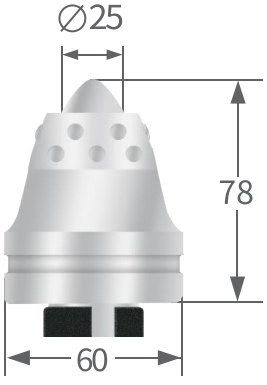


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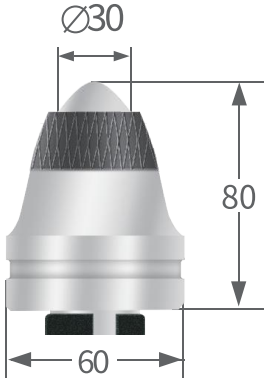




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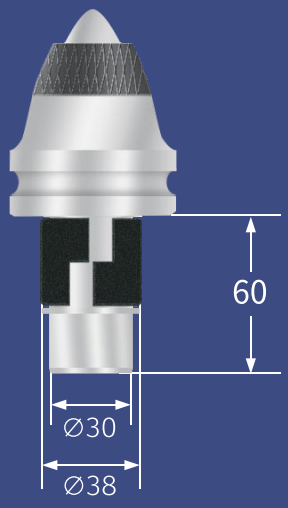
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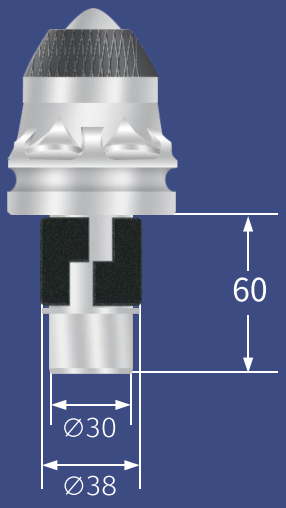
- Hard rock pick, suitable for heavy working conditions.
- Standard main body design and wide flange shoulder provide the maximum protection for the tooth seat.
- Suitable for foundation construction of urban construction
- High temperature spark resistance, high strength and wear resistance, and quick replacement.
- Strong impact resistance and good permeability
- Cemented carbide matching range is 19mm-35mm.
- Suitable for rotary excavators

* Part of common selection

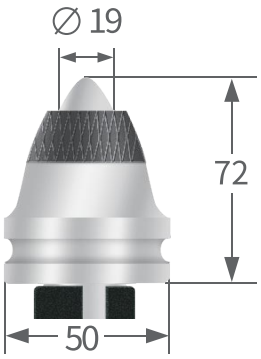
3060



3050/3055

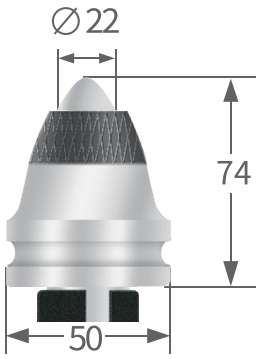


AID-3050-19



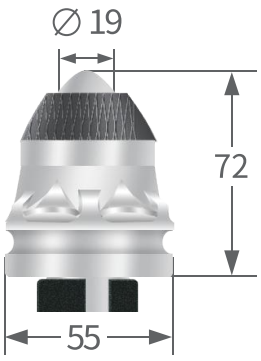
- Standard main body design and wide flange shoulder provide the maximum protection for the tooth seat.
- Suitable for foundation construction of urban construction
- Suitable for rotary excavators

AID-3050-22

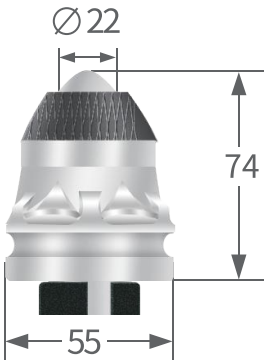


- High temperature spark resistance, high strength and resistance, quick replacement, strong impact resistance and good permeability.
- Cemented carbide matching range is 19mm-30mm.

AID-3055-19



AID-3055-22



* Part of common selection

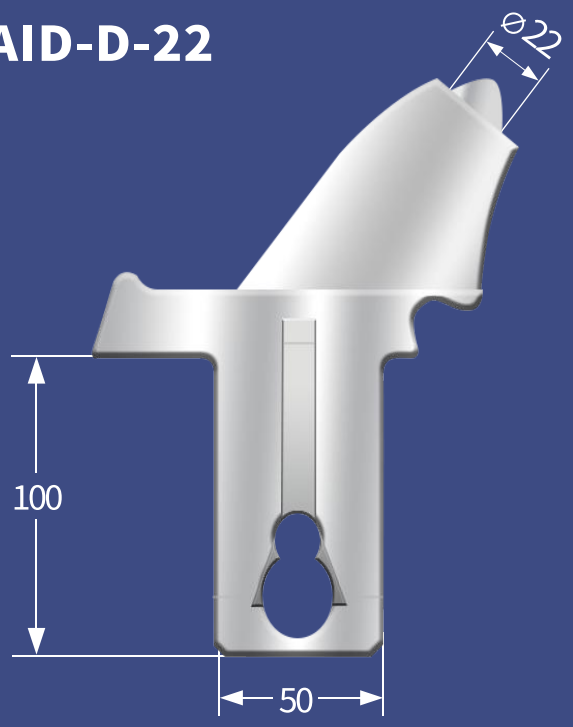
KNIFE SHAPED

Knife pick

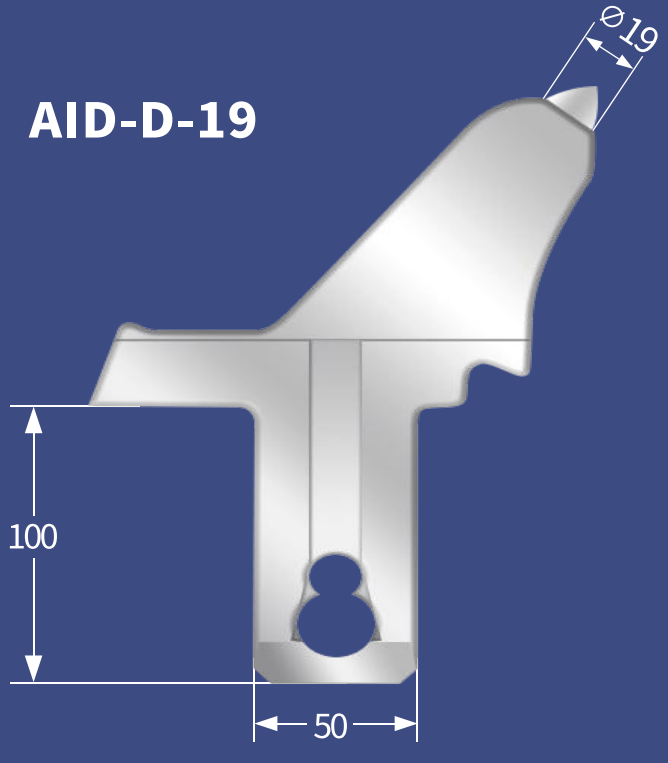
The cutter tooth is one of the vulnerable parts of mining machinery. Through long-term analysis and research on the cutter tooth, AID Company has refined the selection of raw materials and new cutter tooth.

* Part of common selection

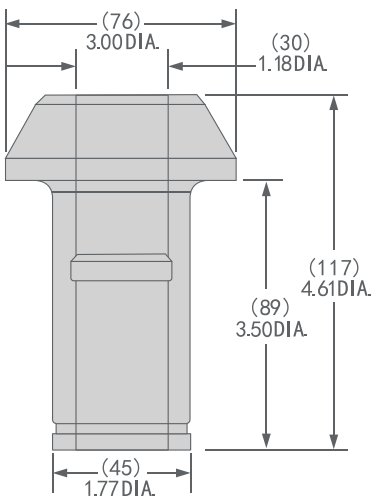
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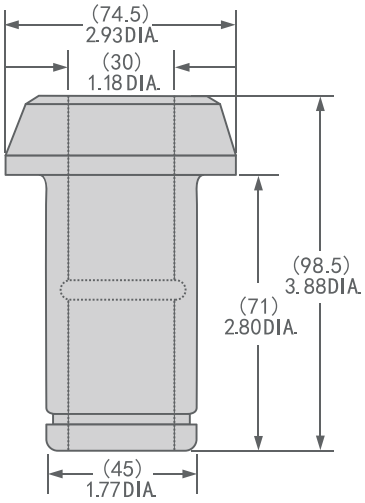
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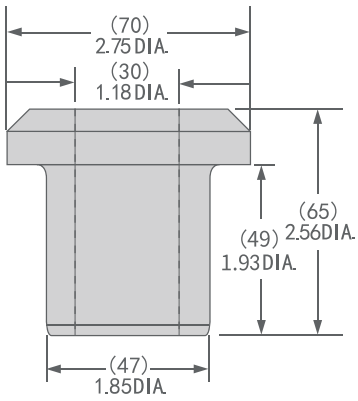
CTY84-45



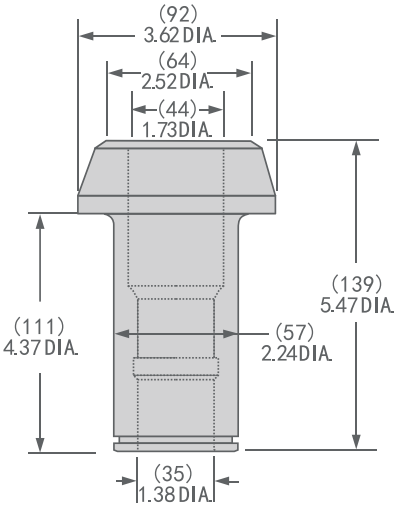
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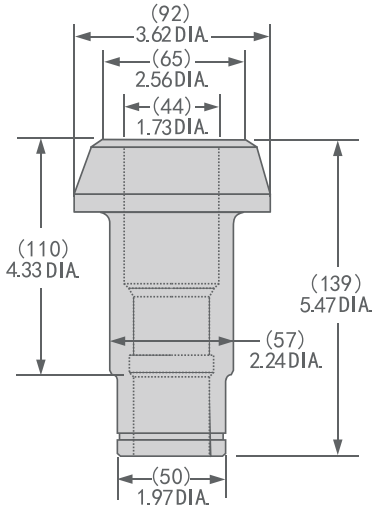
CTY85-47



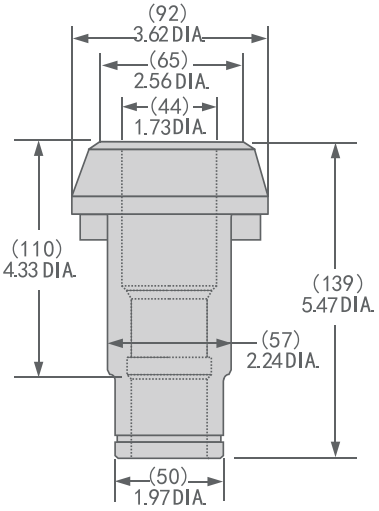
CTY170-57



CTY170-57/T

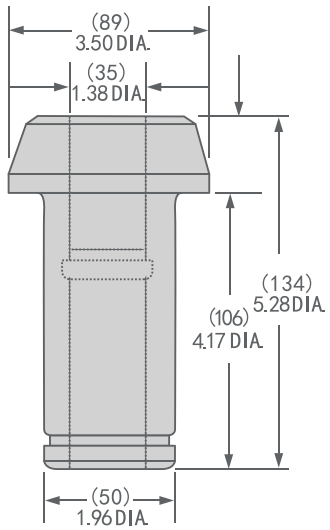


CTY170-57/D/T

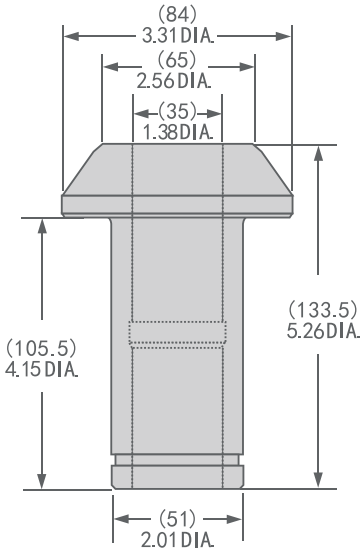


»» ROCK CUTTING TOOL SET

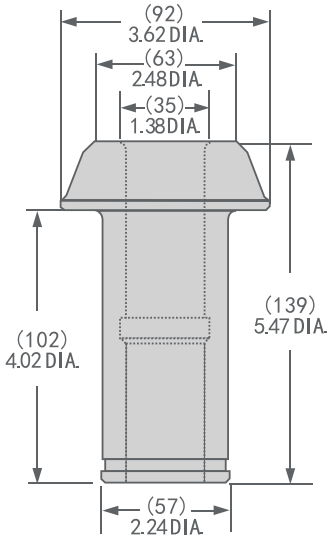
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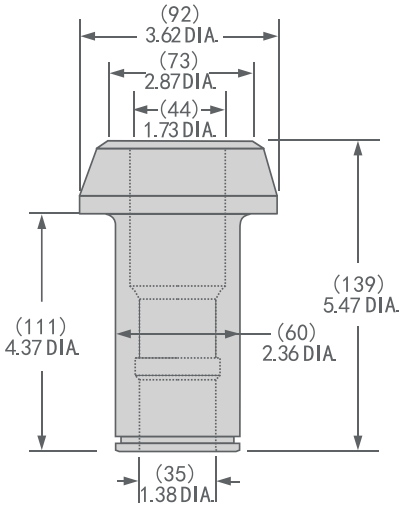
CTY95-51



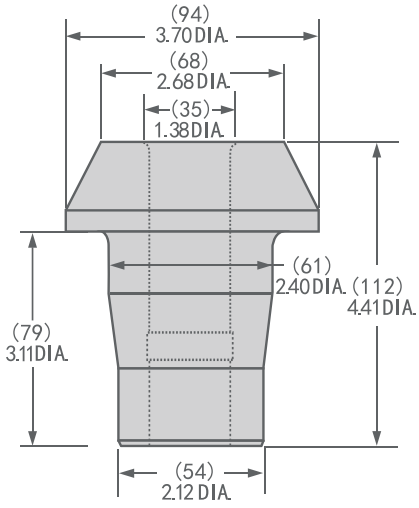
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CTY170-60

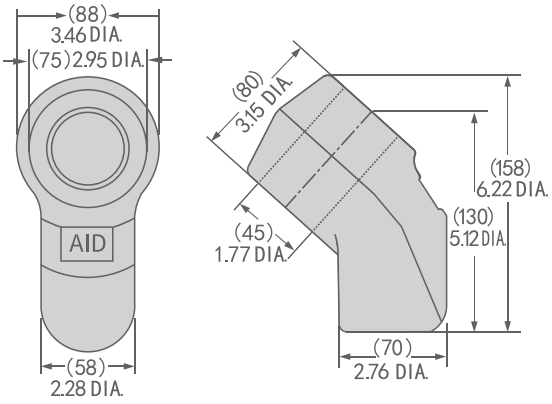


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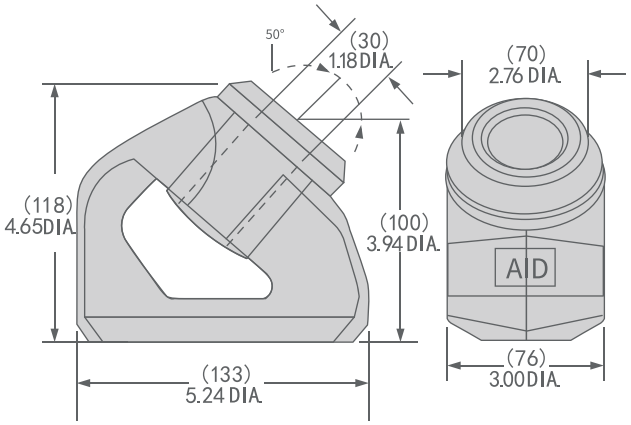




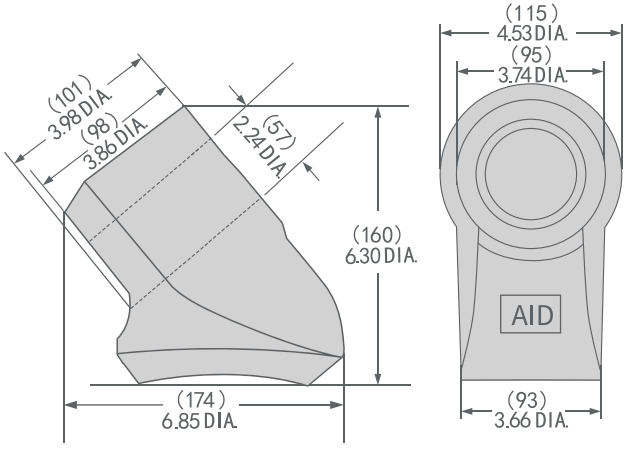
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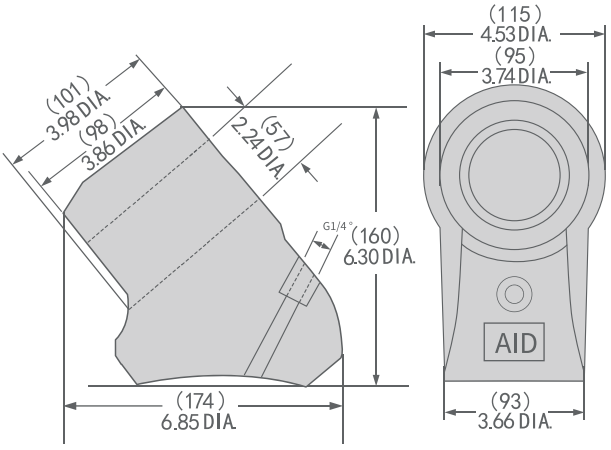
CZY85



CZY170

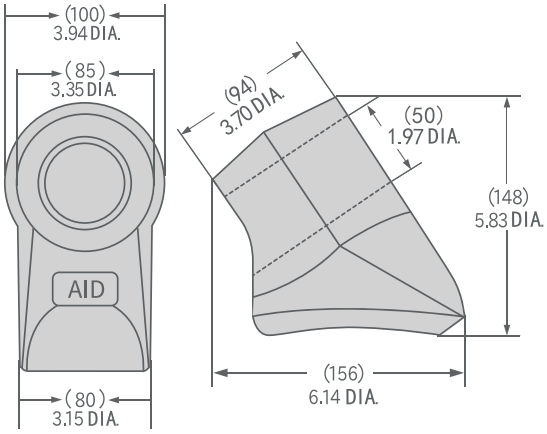


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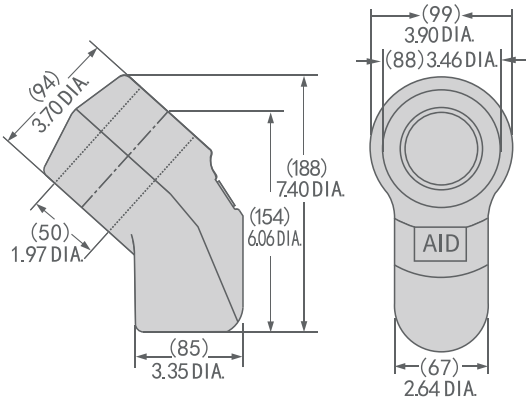


»» ROCK CUTTING TOOL SET

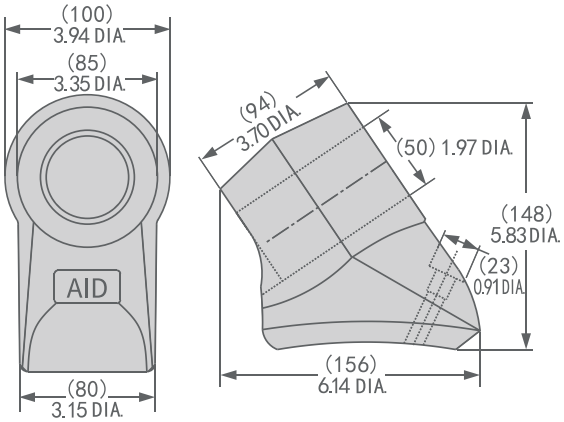
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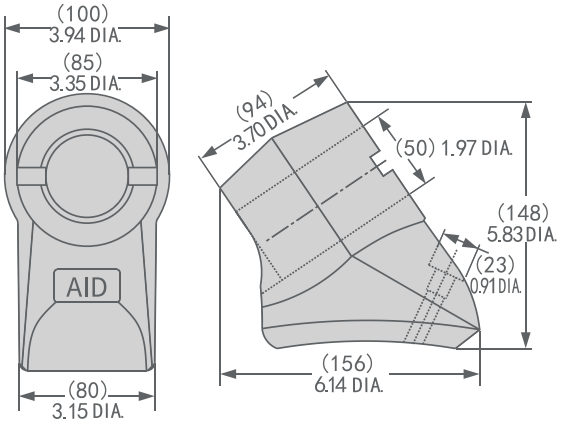
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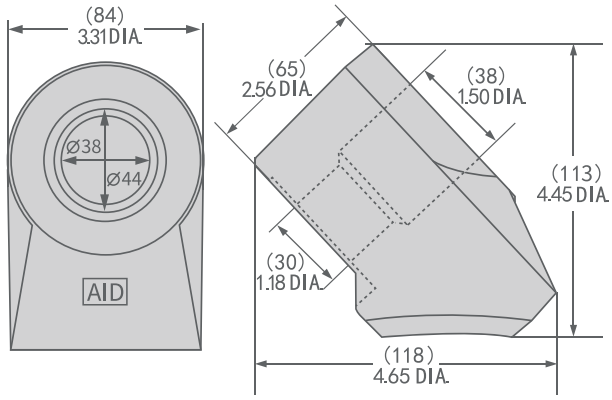


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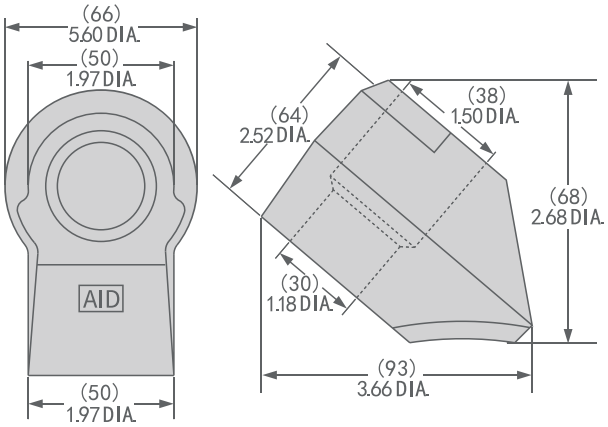




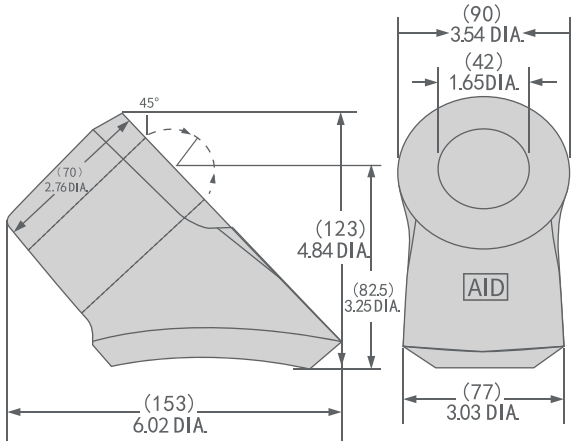
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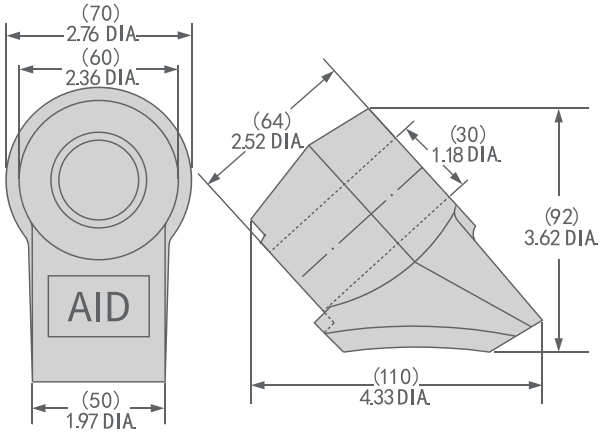
CZF47



CZY42

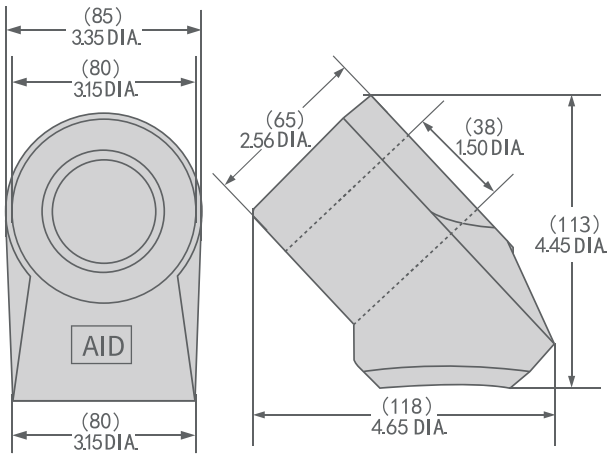


CZY120

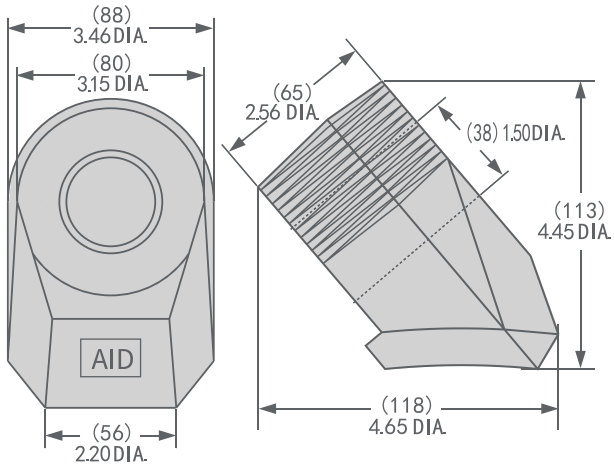


»» ROCK CUTTING TOOL SET

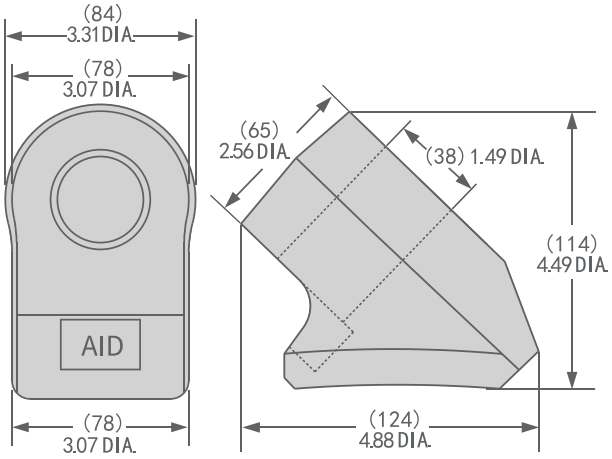
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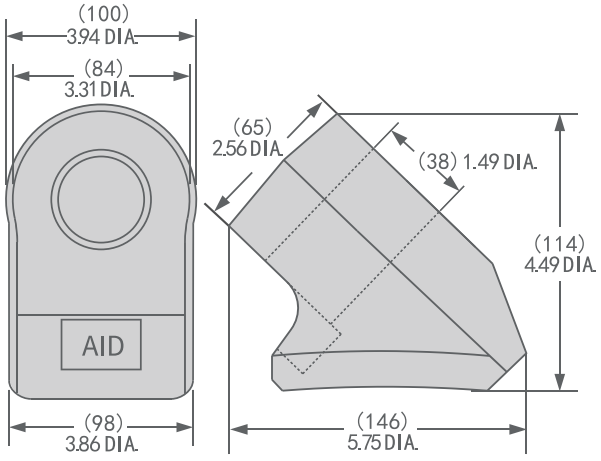
CZY135/D1



CZY135/D2



CZY135/D3





Endorsement of some enterprises in the top 50 coal enterprises

And maintain long-term and good cooperative relations with many large coal industry groups in China.

晋能控股 JINNENG HOLDING
山东能源集团 SHANDONG ENERGY GROUP
抚顺矿业
SANY 三一重工
汇能集团 HUINENG CNOUP
大西南投资集团
中国平煤神马 CHINA PINGMEI SHENMA
兖矿集团 YANKUANG GROUP
中煤集团
陕西煤化
蒙泰集团 MENG TAI
盘江集团 PANJIANG GROUP
鲁泰控股
朗月矿业 LANGYUE MINING
信发集团 XINFA GROUP
济矿集团 JIKUANGGROUP
HNEC 河南能源
华能煤业
国家能源集团 CNN ENERGY
中国华电 CHD

AID picks are exported at home and abroad, and has maintained long-term and good cooperative relations with many large coal mining groups in China. The cooperative enterprises are all over the country, and the products are small, but they have achieved full coverage in the provinces. Because of its comprehensive advantages, the company's quality, service and reputation can stand the market test and get unanimous recognition from users.

Distribution • Agent

Partnership cooperation

Channel

Dealer: Fixed-point authorization

Agent : Group authorization Regional authorization

preferential policy	Exclusive authorization	After-sales support	Quality assurance	Flow support

Maximize the protection of the interests of dealers and agents!



Shandong AID attaches great importance to channel development and vigorously develops distributors and agents.

The company implements competitive channel policies, vigorously supports channel partners to explore the market, protects the interests of channel providers, and achieves win-win cooperation.

From dealers to agents, partnership cooperation-cultivation, development, trust, hand in hand, strong alliance, create good results, broad market, and make great achievements.

Shandong AID Industrial Co., Ltd

• Professional Manufacturer of High-End Pick Cutters •

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