

Secoroc Rock Drilling Tools

# *Secoroc Klaw drill bits*

Atlas Copco





# Klaw

## drill bits

– quality drilling  
for life of bit and  
improved driller  
comfort

Atlas Copco Secoroc's patented Klaw drill bits deliver exceptional penetration rates in most shallow drilling applications. Klaw carbide pick cutters "plow" the formation, resulting in large cuttings and highly efficient formation removal.

### Designed for safety

Klaw cutting structure (picks) can be easily changed while bit is still made up to drill rod in just a few minutes. This means less bit changes below the deck, and more time spent drilling.

- Tools provided for pick changes.
- Bit is lightweight for improved manual handling.
- Options for breakout flats to suit your drill – no more bit baskets!
- Klaw plowing action causes less dust pollution at work site

### Lower drilling costs

With less repairs, there is less need for repair stock. Inventory levels and freight costs are minimized.

- Reduced inventory holding and freight costs.
- Klaw bit increases drilling ROP lowering drilling costs per meter.
- Single piece 4140 steel body will far outlast competitor bit life.
- Klaw body offers 4X the life of competitor's product.

## Productivity

Consistent drilling for the life of the bit due to bit design and manufacture.

- Single piece steel bit body offers improved durability and bit life, decreasing lost time changing bits.
- Decreased in cab vibration and rod rattle is easier on equipment, and keeps drillers comfortable and drilling ahead.
- Bit design improves pick life, increasing time between pick changes when compared to competitor bits.
- Open face design – no center lead pick to change - time savings.



# Design features for Klaw drill bits

- Klaw cutters are placed at specific locations and attack angles for maximum formation removal.
- 3D designed cutter locations and bit features are CNC machines to meet exact design specifications and ensure product repeatability.
- Open center design for maximum air or fluid flow to all cutters on bit.
- One-piece 4140 allow steel bit body ensures maximum blade and body strength.
- Strategically placed Tungsten Carbide inserts protect the bit body.
- Receptacle in shank allows use of air flow reduction washer when needed in 4-1/2" and 6-5/8" Regular API pin connections.

The Klaw has steel body bits with replaceable carbide picks for:

- Blasthole
- Waterwell
- Geothermal
- Exploration
- HDD
- Mining
- Fiber optic

It's available in sizes from 6 inches (152 mm) to 26 inches (660 mm) in diameter.

***Please consult an Atlas Copco product specialist for more information.***



## Sustainable Productivity

We stand by our responsibilities towards our customers, towards the environment and the people around us. We make performance stand the test of time. This is what we call – Sustainable Productivity.

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