

Blasthole Klaw drill bits





Klaw drill bits

– Quality drilling for life of bit
and improved driller comfort

Epiroc'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 offerst four times 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 alloy 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 Epiroc product specialist for more information.



Klaw drill bits

Size		Product number	Catalogue code	Pin thread	Make-Up Torque			
in	mm				kNm		kft-lbs	
6	152	91002894	114-K152-3,8,19,2-3L-F	3½" API REG.	9.49	12.20	7.00	9.00
6¼	159	91002895	114-K159-3,8,19,2-3L-F	3½" API REG.	9.49	12.20	7.00	9.00
6½	165	91003284	114-K165,3,7,19,2-6L-F	3½" API REG.	9.49	12.20	7.00	9.00
6¾	171	91003022	114-K171-3,7,19,2-6L-F	3½" API REG.	9.49	12.20	7.00	9.00
7⅝	187	91003283	117-K187-3,19,1-4L-F	4½" API REG.	16.27	21.02	12.00	15.50
7⅞	200	91003282	114-K200-3,9,19,2-4L-F	3½" API REG.	9.49	12.20	7.00	9.00
7⅞	200	91003281	117-K200-3,19,1-4M-F	4½" API REG.	16.27	21.02	12.00	15.50
7⅞	200	91003021	117-K200-3,9,19,2-4L-F	4½" API REG.	16.27	21.02	12.00	15.50
8¾	222	91002896	117-K222-3,10,19,1-4M	4½" API REG.	16.27	21.02	12.00	15.50
8¾	222	91003280	117-K222-3,9,19,1-4M-F	4½" API REG.	16.27	21.02	12.00	15.50
9	229	91002893	117-K229-3,10,19,1-4L	4½" API REG.	16.27	21.02	12.00	15.50
9	229	91002583	117-K229-3,10,19,2-4L	4½" API REG.	16.27	21.02	12.00	15.50
9	229	91003325	118-K229-3,13510-01	6⅝" API REG.	37.96	43.38	28.00	32.00
9⅞	251	91003279	118-K251-3,12,19,1-4L	6⅝" API REG.	37.96	43.38	28.00	32.00
9⅞	251	91002585	118-K251-4,13,19,1-5L	6⅝" API REG.	37.96	43.38	28.00	32.00
10⅝	270	91002681	117-K270-4,14,19,1-5L	4½" API REG.	16.27	21.02	12.00	15.50
10⅝	270	91002682	118-K270-4,14,19,1-5L	6⅝" API REG.	37.96	43.38	28.00	32.00
10⅝	270	91002586	118-K270-4,14,19,2-5L	6⅝" API REG.	37.96	43.38	28.00	32.00
11	279	91002590	118-K279-4,15,19,1-5L	6⅝" API REG.	37.96	43.38	28.00	32.00
11¼	286	91002588	118-K286-4,15,19,1-5L	6⅝" API REG.	37.96	43.38	28.00	32.00
12¼	311	91002589	118-K311-4,18,19,1-5L	6⅝" API REG.	37.96	43.38	28.00	32.00
12¼	311	91003040	118-K311-4,18,19,1-5L-F	6⅝" API REG.	37.96	43.38	28.00	32.00
12¼	311	91002656	118-K311-4,18,19,2-5L	6⅝" API REG.	37.96	43.38	28.00	32.00
13½	343	91002899	118-K343-4,20,19,1-5L	6⅝" API REG.	37.96	43.38	28.00	32.00
13¾	349	91003049	118-K337-4,21,19,1-5L-F	6⅝" API REG.	37.96	43.38	28.00	32.00

United in performance. Inspired by innovation.

Performance unites us, innovation inspires us, and commitment drives us to keep moving forward. Count on Epiroc to deliver the solutions you need to succeed today and the technology to lead tomorrow.

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