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Made in Korea

EXPERT IN DRILLING SOLUTIONS



PNJ INTERNATIONAL CO.,LTD

***Stronger Penetration,
Greater Joy!***



PNJ INTERNATIONAL CO.,LTD

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About us



PNJ International

Expert in Drilling Solutions, Stronger Penetration, Greater Joy

About us : PNJ International specializes in the distribution and supply of premium construction machinery parts. With over 14 years of experience in the industry, we understand the evolving demands of the global market and strive to exceed customer expectations with reliable products and services.

Mission Statement : At PNJ International, we are committed to delivering high-quality construction and mining equipment components, ensuring efficiency and durability in the industry. Our goal is to provide innovative solutions that enhance operational performance and customer satisfaction.

Why Choose Us?

- **Industry Expertise :** A decade-long track record in the construction and mining sector.
- **Global Network :** Strong partnerships with reputable suppliers and manufacturers worldwide.
- **Quality Assurance :** Commitment to premium materials and rigorous testing standards.
- **Customer-Centric Approach :** Personalized service and technical support to meet unique client needs.

Exporting To Over 40 Countries Around The World



DTH HAMMER

PNJ International manufacture wide range and most efficient Down-the-Hole(DTH)hammers and bits for the water well, construction, geothermal, mining and foundation projects.

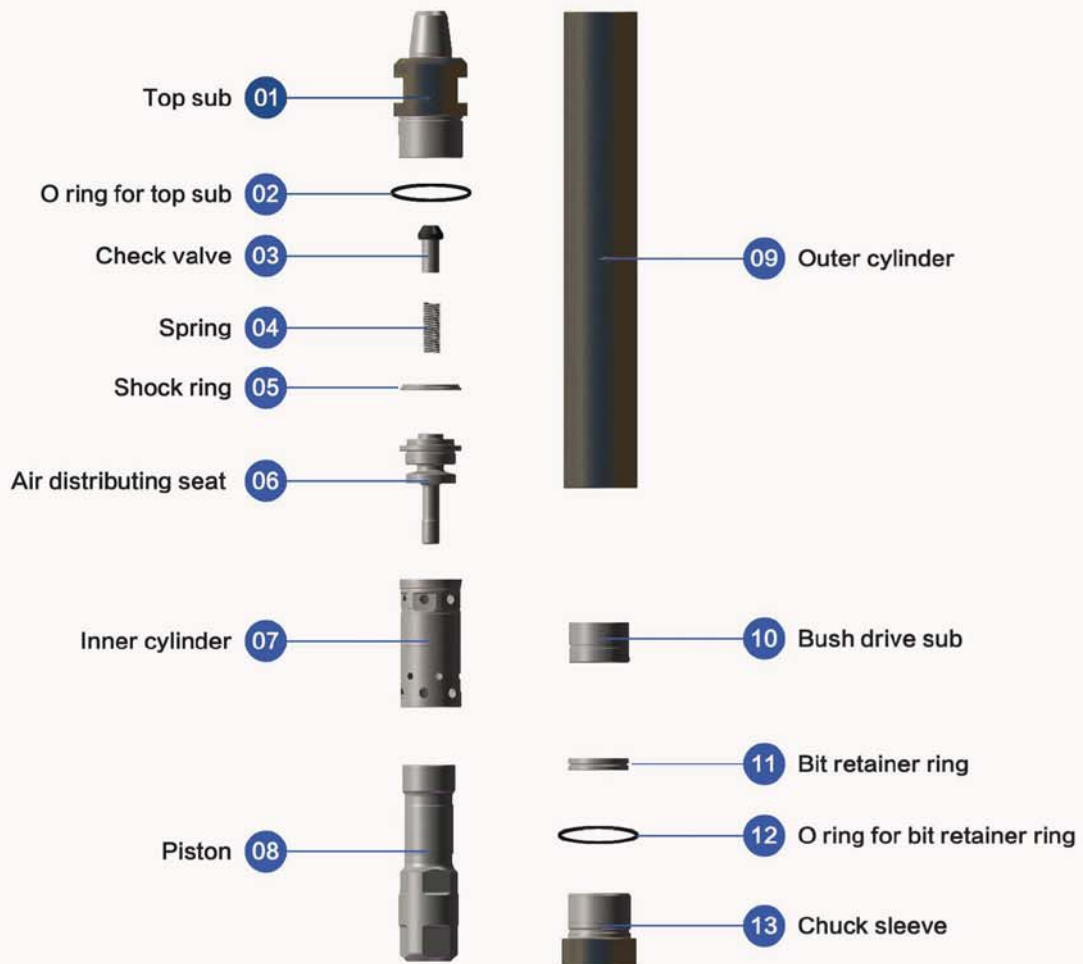
- ▲ P Series DTH Hammer with Foot Valve
- ▲ P Series DTH Hammer without Foot Valve
- ▲ Large Size DTH Hammer



P SERIES DTH HAMMER(W)

P Series DTH Hammer with foot valve excels not only in water well drilling but also in construction, solar panel installation, and geothermal projects.

- ★ High impact frequency ensures smooth operation.
- ★ High quality special steel with hardened surfaces for better durability.
- ★ Simple structure, easy Assemble/Disassemble and maintenance.



Top sub with carbides is available



Hammer mode	Dth bit shank	Foot valve	Thread connection	Hammer OD(mm)	Rec. hole size(mm)	Length without bit(mm)	Piston (kg)	Hammer weight(kg)	Working pressure(bar)
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3" Hammer

PD3.5	DHD3.5	Yes	API 2 3/8" REG pin	80	90-105	863	4.1	23	14-20
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4" Hammer

PD40	DHD340	Yes	API 2 3/8" REG pin	99	105-130	952	9.4	38	16-25
PS40	SD4	Yes	API 2 3/8" REG pin	99	105-130	998	9.4	38.8	16-25
PQ40	QLX40	Yes	API 2 3/8" REG pin	99	105-130	950	9.4	37	16-25

5" Hammer

PD50	DHD350	Yes	API 2 3/8" or API 3 1/2"	126	140-152	1070	15.5	68.5	16-28
PS50	SD5	Yes	API 2 3/8" or API 3 1/2"	126	140-152	1070	15.5	69.4	16-28
PQ50	QL50	Yes	API 2 3/8" or API 3 1/2"	126	140-152	1069	15.5	69	16-28

6" Hammer

PD60	DHD360	Yes	API 3 1/2" REG pin	148	155-190	1163	25.4	101.5	16-30
PS60	SD6	Yes	API 3 1/2" REG pin	148	155-190	1180	25.4	99	16-30
PQ60	QL60	Yes	API 3 1/2" REG pin	148	155-190	1109	25.4	98	16-30

8" Hammer

PD80	DHD380	Yes	API 4 1/2" REG pin	185	203-245	1305	42	173	16-30
PS80	SD8	Yes	API 4 1/2" REG pin	185	203-245	1273	42	173	16-30
PQ80	QL80	Yes	API 4 1/2" REG pin	185	203-245	1285	42	180	16-30

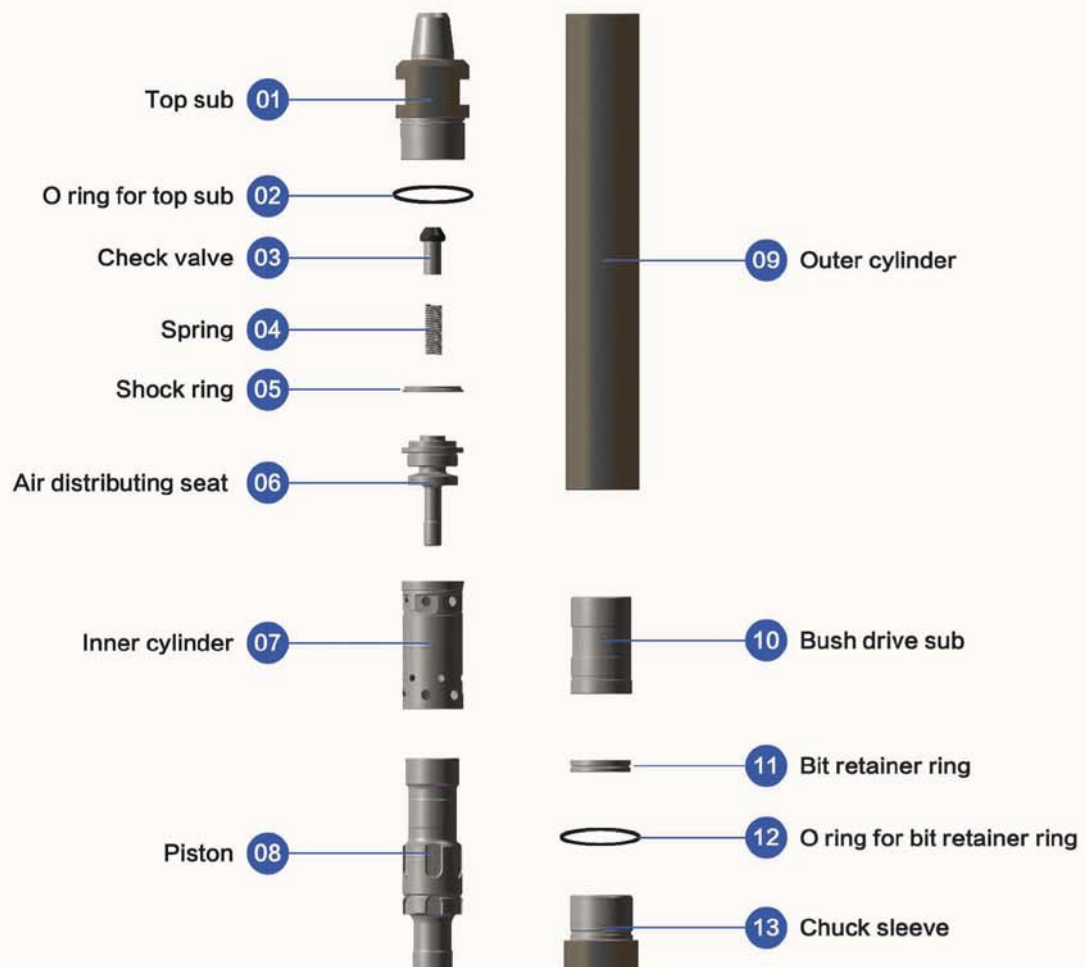
10" Hammer

PN100	Numa IOO	Yes	API 5 1/2" or API 6 5/8"	225	245-305	1522	73	302	16-35
PS100	SD10	Yes	API 5 1/2" or API 6 5/8"	225	245-305	1503	73	295	16-35

P SERIES DTH HAMMER(W/O)

P Series DTH Hammer without foot valve excels not only in water well drilling but also in construction, solar panel installation, and geothermal projects.

- ★ High impact frequency ensures smooth operation.
- ★ High quality special steel with hardened surfaces for better durability.
- ★ Simple structure, easy Assemble/Disassemble and maintenance.
- ★ Bits are valves to prevent the issue of foot valve breakage.



Top sub with carbides is available



Hammer mode	Dth bit shank	Foot valve	Thread connection	Hammer OD(mm)	Rec. hole size(mm)	Length without bit(mm)	Piston (kg)	Hammer weight(kg)	Working pressure(bar)
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3" Hammer

PB3.5	BR33	No	API 2 3/8" REG pin	80	90-105	847	4.1	24.0	14-20
PD3.5	DHD3.5	No	API 2 3/8" REG pin	80	90-105	863	4.1	24.0	14-20

4" Hammer

PD40	DHD340	No	API 2 3/8" REG pin	99	105-130	967	8.7	40.0	16-25
PS40	SD4	No	API 2 3/8" REG pin	99	105-130	998	8.7	40.0	16-25
PM40	M40	No	API 2 3/8" REG pin	99	105-130	986	8.7	41.0	16-25
PQ40	QLX40	No	API 2 3/8" REG pin	99	105-130	967.5	8.7	40.0	16-25

5" Hammer

PD50	DHD350	No	API 2 3/8" or API 3 1/2"	126	140-152	1089	14.8	69.5	16-28
PS50	SD5	No	API 2 3/8" or API 3 1/2"	126	140-152	1089	14.8	69.8	16-28
PM50	M50	No	API 2 3/8" or API 3 1/2"	126	140-152	1089	14.8	68.8	16-28
PQ50	QL50	No	API 2 3/8" or API 3 1/2"	126	140-152	1089	14.8	70.0	16-28

6" Hammer

PD60	DHD360	No	API 3 1/2" REG pin	148	155-190	1163.5	23.3	101.5	16-30
PS60	SD6	No	API 3 1/2" REG pin	148	155-190	1180	23.3	99	16-30
PM60	M60	No	API 3 1/2" REG pin	148	155-190	1087	23.3	100	16-30
PQ60	QL60	No	API 3 1/2" REG pin	148	155-190	1161	23.3	105	16-30

8" Hammer

PD80	DHD380	No	API 4 1/2" REG pin	185	203-245	1365	42.5	195	16-30
PS80	SD8	No	API 4 1/2" REG pin	185	203-245	1333	42.5	195	16-30
PM80	M80	No	API 4 1/2" REG pin	185	203-245	1342	42.5	193	16-30
PQ80	QL80	No	API 4 1/2" REG pin	185	203-245	1283	42.5	192	16-30

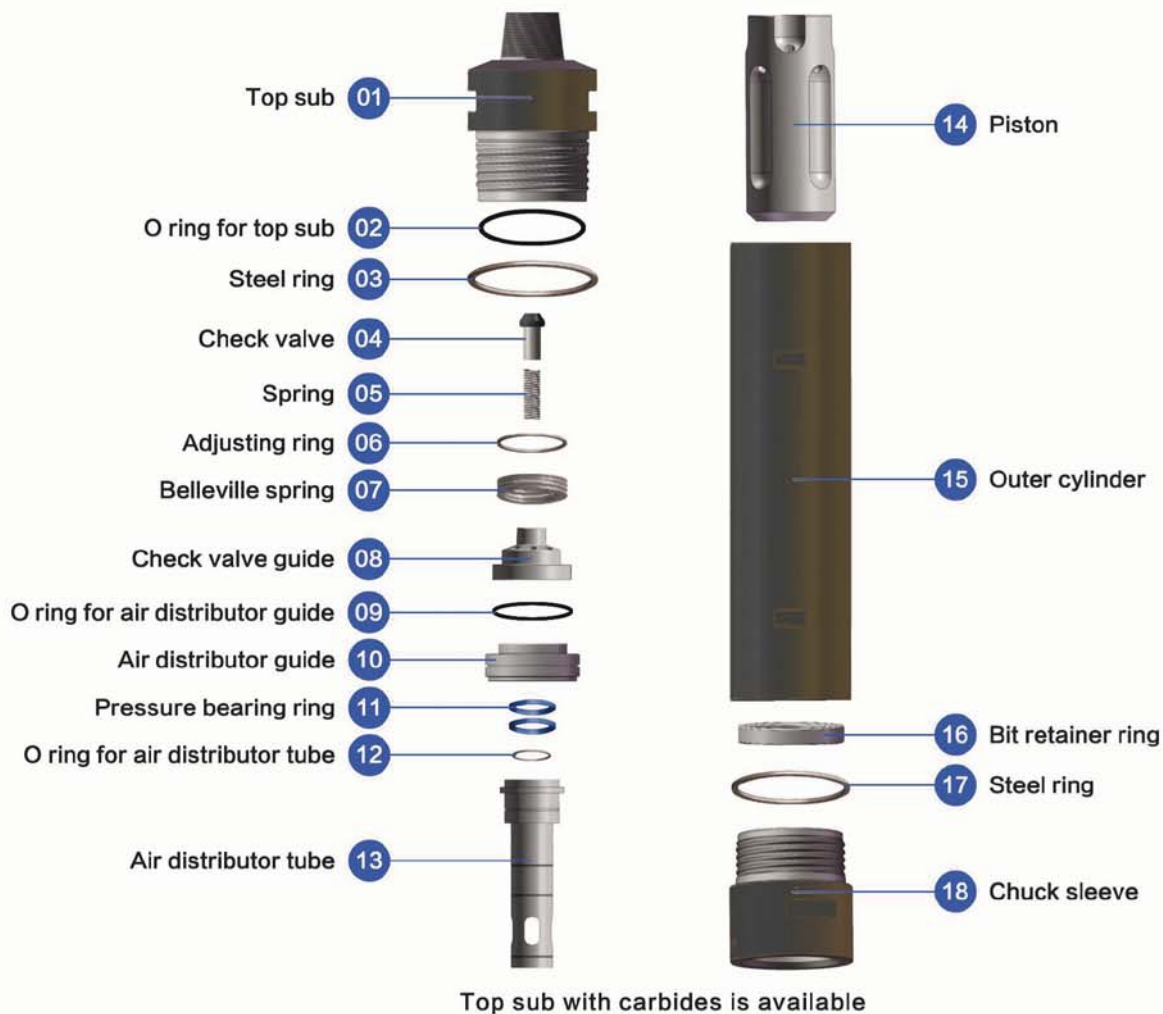
10" Hammer

PN100	Numa IOO	No	API 5 1/2" or API 6 5/8"	225	245-305	1492	70.5	295	16-35
PS100	SD10	No	API 5 1/2" or API 6 5/8"	225	245-305	1490	70.5	293	16-35

LARGE SIZE DTH HAMMER

The large-size hammer designed by PNJ features stable performance and powerful striking force. It is extensively used in pile foundation, water well drilling, and various other projects.

- ★ Simple structure, ensuring high reliability and easy maintenance.
- ★ Drilling hard rock with high penetration rates.
- ★ Manufactured from high quality steel, resulting in low failure and breakage rates.





Hammer mode	Dth bit shank	Foot valve	Thread connection	Hammer OD(mm)	Rec. hole size(mm)	Length without bit(mm)	Piston (kg)	Hammer weight(kg)	Working pressure(bar)
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12" Hammer

PD112	DHD112	Yes	API 6 5/8"REG	275	305-380	1698.5	116.5	551	16-35
PD112	DHD112	No	API 6 5/8"REG	275	305-380	1818	121.5	560	16-35
PS112	SD12	Yes	API 6 5/8"REG	275	305-380	1678.5	121.5	548	16-35
PS112	SD12	No	API 6 5/8"REG	275	305-380	1743.5	121.5	545	16-35
PN120	NUMA120	Yes	API 6 5/8"REG	275	305-380	2015	120.5	578	16-35
PN125	NUMA125	Yes	API 6 5/8"REG	275	305-380	1699	116.5	550	16-35
PQ120	QL120	Yes	API 6 5/8"REG	275	305-380	1699	116.5	550	16-35

14" Hammer

P320	320	Yes	API 7 5/8"REG	320	380-530	2090	198	950	16-35
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18" Hammer

P410	NUMA180 SD18	Yes	API 8 5/8"REG	410	457-650	2053	329	1510	16-35
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24" Hammer

P530	NUMA240	Yes	Hexagonal	530	675-800	2489	680	2764	16-35
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28" Hammer

P640	640	Yes	Hexagonal	640	775-975	2399	790	3839	16-35
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DTH BUTTON BIT

Bit Face Selection



Flat Face

Hard to very hard and abrasive rock



Concave Face

Uniform rock



Convex Face

Soft-medium hard rock



Drop Center Bit

Soft to medium-hard and fissured rock

Button Shape Selection



Spherical



Parabolic

Features

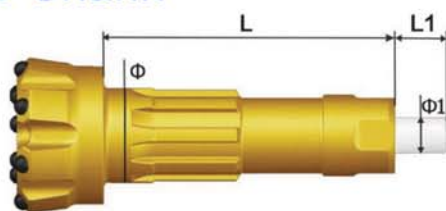
- 1.Enhanced fatigue strength through advanced forging technology.
- 2.High quality carbide in optimal sizes for stable longevity.
- 3.Precision inlaying technology prevents carbide detachment.
- 4.State of the art heat treatment ensures superior hardness and wear resistance.
- 5.Tailored design and specialized processing for extended service life across various rock formations.





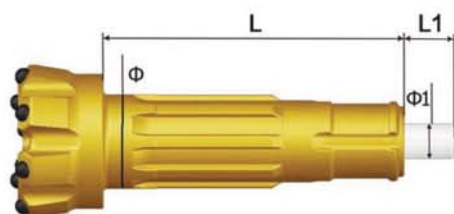
DTH BUTTON BIT WITH FOOT VALVE

DHD Shank



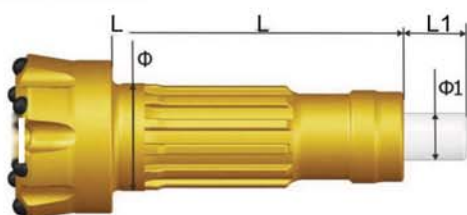
Model	Bit shank	L	φ	L1	φ1	Spline	Air hole	Rec.hole size(mm)
PD3.5	DHD3.5	181	54.6	54.6	24.5	8	2	90-105
PD40	DHD340	209	65	59	27	8	2	105-130
PD50	DHD350	260	84	56	35	8	2	140-152
PD60	DHD360	308	101.5	55	38	8	2	152-190
PD80	DHD380	350	128.5	51	50.6	10	2	203-245
PD112	DHD112	490	183	52.2	63.2	8	3	305-380

SD Shank



Model	Bit shank	L	Φ	L1	Φ1	Spline	Air hole	Rec.hole size(mm)
PS40	SD4	260	67	54	26	8	2	105-130
PS50	SD5	258	82.5	54.5	32	8	2	140-152
PS60	SD6	324	102	53	36.4	8	2	152-190
PS80	SD8	321	118	57	41	8	2	203-245
PS100	SD10	355.8	164.5	60.3	56	8	3	245-305
PS112	SD12	470	185.5	48	63.2	8	3	305-380

QL Shank

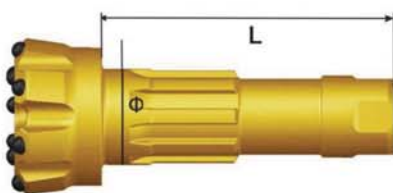


Model	Bit shank	L	Φ	L1	Φ1	Spline	Air hole	Rec.hole size(mm)
PQ40	QLX40	209.5	69	58	32.2	12	2	105-130
PQ50	QL50	240	88.5	52	38.5	12	2	140-152
PQ60	QL60	253	106	59	46	12	2	152-190
PQ80	QL80	331	136	54	54.6	16	2	203-245
PQ112	QL120	492	208.5	52.2	71.5	12	3	305-380



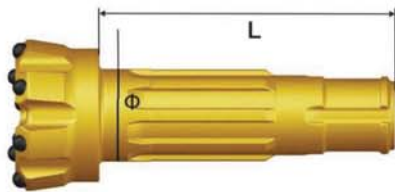
DTH BUTTON BIT WITH FOOT VALVE

DHD Shank



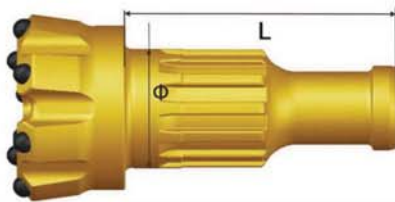
Model	Bit shank	L	Ø	Spline	Air hole	Rec.hole size(mm)
PB3.5	BR33	165	54	7	2	90-105
PD3.5	DHD3.5	181	54.6	8	2	90-105
PD40	DHD340	209	65	8	2	105-130
PD50	DHD350	260	84	8	2	140-152
PD60	DHD360	308	101.5	8	2	152-190
PD80	DHD380	350	128.5	10	2	203-245
PD12	DHD112	490	183	8	3	305-380

SD Shank



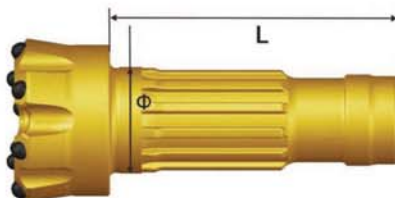
Model	Bit shank	L	Ø	Spline	Air hole	Rec.hole size(mm)
PS40	SD4	260	67	8	2	105-130
PS50	SD5	258	82.5	8	2	140-152
PS60	SD6	324	102	8	2	152-190
PS80	SD8	321	118	8	2	203-245
PS100	SD10	355.8	164.5	8	2	245-305
PS112	SD12	470	185.5	8	3	305-380

MISSION Shank



Model	Bit shank	L	Ø	Spline	Air hole	Rec.hole size(mm)
PM3.5	MISSION35	225	55	8	2	90-105
PM40	MISSION40	228	68	12	2	105-130
PM50	MISSION50	260	82.5	12	2	140-152
PM60	MISSION60	231	106.5	12	2	152-190
PM80	MISSION80	329	128.5	12	2	203-245

QL Shank



Model	Bit shank	L	Ø	Spline	Air hole	Rec.hole size(mm)
PQ40	QLX40	209.5	69	12	2	105-130
PQ50	QL50	240	88.5	12	2	140-152
PQ60	QL60	253	106	12	2	152-190
PQ80	QL80	331	136	16	2	203-245
PQ112	QL120	492	208.5	12	3	305-380

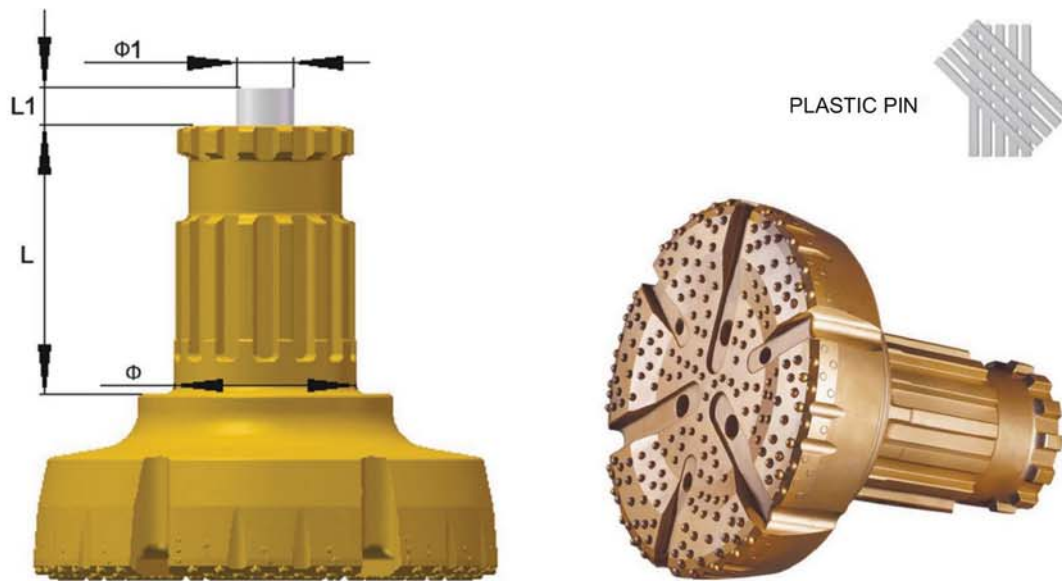
LARGE SIZE DTH BUTTON BIT

Features

- ★ Manufactured from high quality steel, resulting in low failure and breakage rates.
- ★ Advanced forging process enhances the fatigue strength of the drill bit steel body.
- ★ Larger carbides extend the service life of the drill bit.
- ★ CNC machining ensures precise dimensions of the drill bit.



Numa Shank



Model	Bit shank	L	ø	L1	ø1	Spline	Air hole	Rec.hole size(mm)
PN100	NUMA100	375	165	53	54	10	3	245-305
PN120	Numa120	490.5	191	56.5	75.6	12	3	305-380
PN125	Numa125	491	209	54	74.5	10	3	305-380
P320	P320	520	235	/	/	10	3	400-500
P410	NUMA180	527.5	297	80.7	93.2	12	6	500-600
P530	P530	560	380	80	118.2	14	6	600-800
P640	P640	560	430	80	118.2	16	6	800-1150

PNJ CLUSTER HAMMER(BUCKET TYPE)

The cluster hammer consists of multiple small-sized (6" standard) hammers and bits, forming a larger size. It is primarily used in civil engineering and foundation projects, especially in hard rock conditions with UCS of at least 50 MPa.

Features

- ★ Advanced design, easy to replace hammers and bits
- ★ Adopts an air-regulating system with individually free-rotating bits.
- ★ Adopts high-quality steel (Hardox) for the most wear-resistant positions.

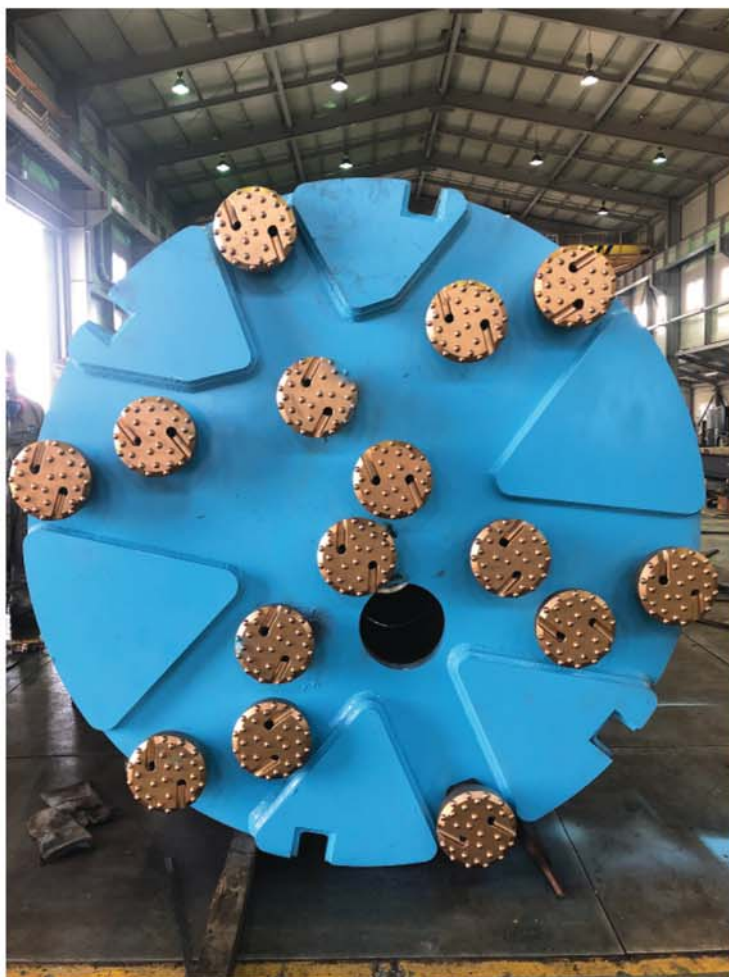


PNJ Cluster Hammer Spec / Bucket Type	Model	CD 1000	CD1180	CD1350
	Length	2,800mm	3,853mm	4,068mm
	Out dia.	1,000mm	1,180mm	1,350mm
	Weight	Estimate 3,500kg	Estimate 4,500kg	Estimate 5,700kg
	Air consumption	150psi / 2,030cfm	150psi / 2,580cfm	150psi / 3,120cfm
		200psi / 2,500cfm	200psi / 3,000cfm	200psi / 3,680cfm
		250psi / 3,260cfm	250psi / 3,850cfm	250psi / 4,860cfm
	Pull down	1,800 ~ 5,800kgf	2,800 ~ 6,800kgf	4,000 ~ 8,000kgf
	Rotation speed	4-5rpm	4-5rpm	3-4rpm
	Composition	PC60-Hammer(W/O) + 225mm Bit / 6 SET	PC60-Hammer(W/O) + 225mm Bit / 7 SET	PC60-Hammer(W/O) + 225mm Bit / 8 SET

PNJ CLUSTER HAMMER(RC TYPE)

Features

- ★ Advanced design, easy to replace hammers and bits
- ★ Adopts an air-regulating system with individually free-rotating bits.
- ★ Adopts high-quality steel (Hardox) for the most wear-resistant positions.
- ★ Adopts a replaceable RC pipe, saving cost and time on maintenance.



PNJ Cluster Hammer Spec / RC Type	Model	RC Cluster OD1200	RC Cluster OD2000	RC Cluster OD2500
	Length	2,836mm	2,836mm	2,836mm
	Out dia.	1,200mm	2,000mm	2,500mm
	Weight	Estimate 5,000kg	Estimate 12,600kg	Estimate 16,400kg
	Air consumption	150psi / 2,730cfm	150psi / 5,700cfm	150psi / 8,970cfm
		200psi / 3,220cfm	200psi / 6,750cfm	200psi / 10,580cfm
		250psi / 4,260cfm	250psi / 8,170cfm	250psi / 14,030cfm
	Pull down	3,325 ~ 6,500kgf	7,125 ~ 17,600kgf	10,925 ~ 21,400kgf
	Rotation speed	4-5rpm	2-3rpm	2-3rpm
	Composition	PC60-Hammer(W/O) + 225mm Bit / 7 SET	PC60-Hammer(W/O) + 225mm Bit / 15 SET	PC60-Hammer(W/O) + 225mm Bit / 23 SET

PNJ CLUSTER HAMMER(DOMESTIC TYPE)

Features

- ★ Advanced design, easy to replace hammers and bits
- ★ Designed to meet domestic requirements, minimizing vibration and noise for urban use.



Model	Out diameter	No of Mammer	Weight	Air Consumption
	ø	Quantity	Kg	CFM
CD38	380	5" x 3pcs	1,200	1,300 ~ 1,500
CD445/460	445/460	6" x 3pcs	1,570	1,800 ~ 2,000
CD470	470			
CD525	525	8" x 3pcs	2,600	3,000 ~ 3,500
CD575	575		2,700	
CD625	625	10" x 3pcs	3,600	
CD975	975	12" x 5pcs	8,300	4,500 ~ 6,000
CD1185	1185		9,500	5,500 ~ 6,000
CD1485	1485	15" x 5pcs	13,000	5,800 ~ 5,600

CASING DRILLING TOOLS

INTRODUCTION

Drilling through formations with loose, unconsolidated formation always comes with problems such as the bore hole caving in or collapsing.

With years of research and practice, Tianhe has developed different casing drilling tools for the widest applications, including Eccentric casing system and several types of Concentric casing systems.

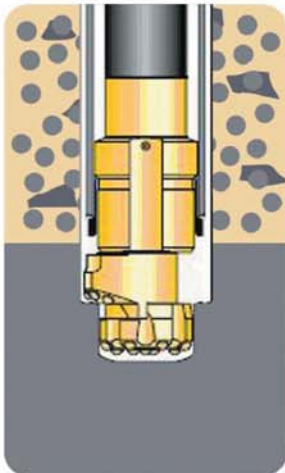
These casing systems have simple structure, high stability, and fast drilling speed. It adopts a unique locking system structure, which makes the connection reliable and easy to disassemble.

These casing systems are suitable for overburden drilling with more complex geological conditions, such as pebbles, cracks, dead stones, boulders, construction backfill waste, etc.

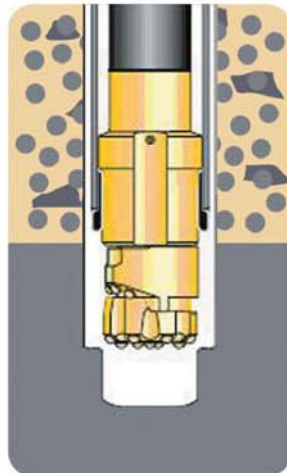


WORKING PROCEDURE

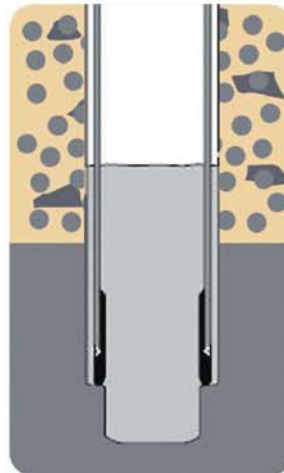
TYPE ONE: ECCENTRIC CASING(ODEX)



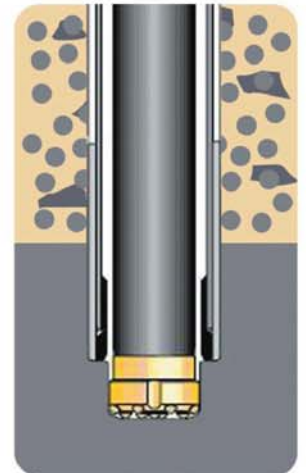
1. When drilling starts, the reamer/three claws/blocks/wings open.



2. When drilling finishes, carefully reverse the drill and retract it from the tube.

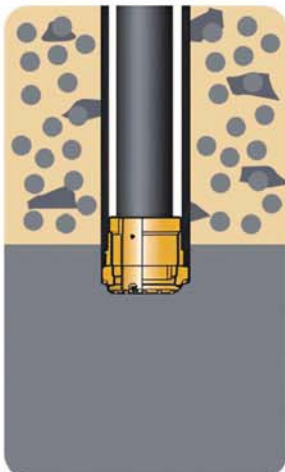


3. The casing tube can be left in the hole or grouting can be done while the tube is being pulled out.

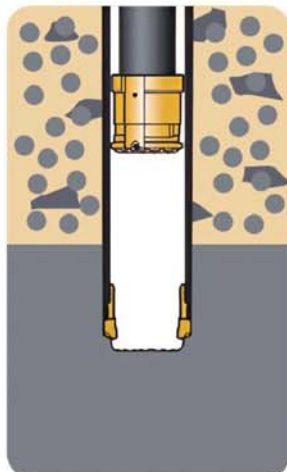


4. Use normal bit to drill to the desired depth.

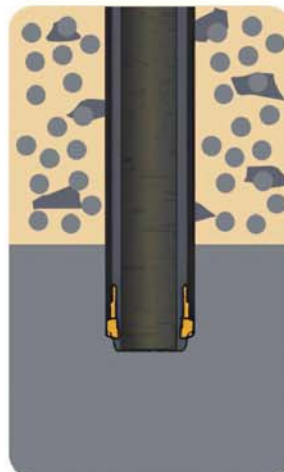
TYPE TWO: CONCENTRIC CASING SYSTEM



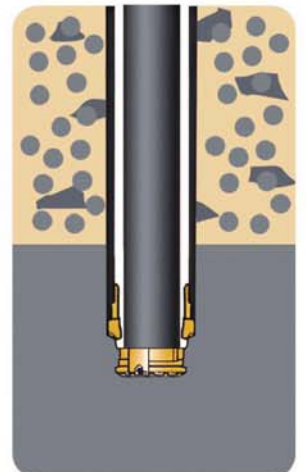
1. When the drilling starts, the pilot bit drive the ring bit down to the hole, followed the casing shoe and casing tube.



2. When drilling the bed-rock, reverse rotation of the tools and pull the pilot bit out from the hole, leaving the ring bit in the hole.

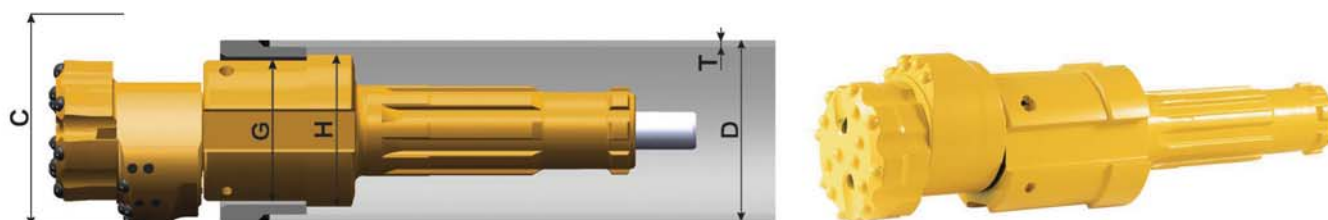


3. Pour the concrete or do the next construction work.



4. Using normal bit to drill to the desired depth.

ECCENTRIC CASING SYSTEM(ODEX)



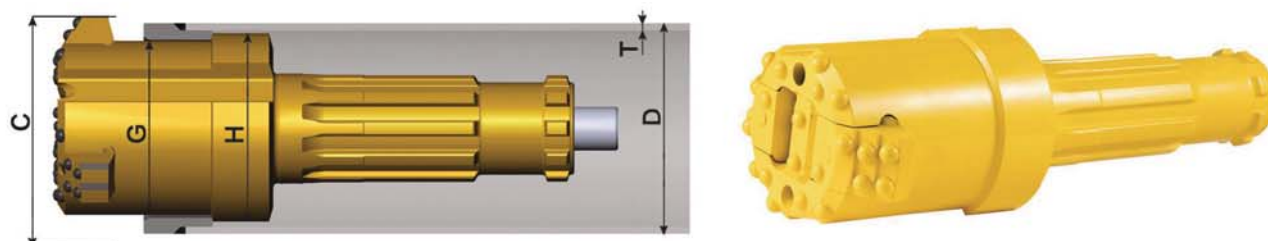
Model	D	T	H	C	G	Bit shank	Weight (kg)
	Casing tube OD(mm)	Thickness (mm)	Max OD of guide device (mm)	Reamed diameter(mm)	Max OD of normal bit(mm)		
ODEX85	108	7	92	117	85	DHD3.5	12
ODEX90	114	6.5	99	125	90	DHD3.5	13.1
ODEX98	127	9.5	106	138	98	DHD3.5	15.3
ODEX110	140	9	120	150	110	DHD340,SD4,QL40	26.6
ODEX115	146	10	123.5	155	115	DHD340,SD4,QL40	27.5
ODEX140	168	10	146	180	136	DHD350,SD5,QL50	34.7
	168	7.5	151	185	141	DHD350,SD5,QL50	35.7
ODEX145	178	10	156	192	146	DHD350,SD5,QL50	43.9
ODEX152	183	10	161	196	152	DHD350,SD5,QL50	45
ODEX165	194	10	172	206	160	DHD360,SD6,QL60	59.2
	194	8	176	206	165	DHD360,SD6,QL60	60.7
ODEX190	219	10	196	237	185	DHD360,SD6,QL60	73.3
	219	6	205	237	190	DHD360,SD6,QL60	76.3
ODEX208	245	12.5	218	258	203	DHD380,SD8,QL80	106
ODEX240	273	10	251	305	240	DHD380,SD8,QL80	134.7
	273	8	255	305	240	DHD380,SD8,QL80	136.2
ODEX280	325	10.5	302	350	280	NUMA100,DHD380	224,202
	325	8.5	306	350	290	NUMA100,DHD380	227.4,205.5
ODEX305	355	11	330	383	305	NUMA100,DHD112	292.5,322
ODEX330	377	10	354	405	330	DHD112,NUMA120	345

CONCENTRIC CASING SYSTEM WITH RINGS



Model	D	T	H	C	G	Bit shank	Weight (kg)
	Casing tube OD(mm)	Thickness (mm)	Max OD of pilot bit(mm)	Reamed diameter(mm)	Max OD of normal bit(mm)		
P76	76	8	57	88	39	R32	3.2
P89	89	8	70	102	58	T38	4.8
P114	114	9	94	128	74	T38,R38	9.5
P127	127	10	105	142	93	T45	11
P140	140	10	116.5	161	99	T45,T51	11.5
P114	114	10	92	128	74	DHD3.5	10
P127	127	10	105	142	93	DHD3.5	13.4
P140	140	10	116.5	161	99	DHD340,SD4,QL40	17
P146	146	10	123	165	110	DHD340,SD4,QL40	21
P168	168	10	141	188	127	DHD350,SD5,QL50	28.7
P178	178	10	155	198	136	DHD350,SD5,QL50	33.6
P194	194	12.7	166	214	145	DHD360,SD6,QL60	44
P219	219	12.7	191	243	170	DHD360,SD6,QL60	59.3
P245	245	12.7	214	268	195	DHD380,SD8,QL80	80.7
P254	254	12.7	224	276	203	DHD380,SD8,QL80	85.7
P273	273	12.7	241	305	221	DHD380,SD8,QL80	102.7
P325	325	12.7	292	350	276	DHD380,NUMA100,SD10	142.3
P355	355	12.7	326	380	306	NUMA100,SD10	189
P406	406	12.7	377	442	350	DHD112,QL120,SD12,NUMA120	292.4
P480	480	12.7	452	510	426	TK14,NUMA125	390
P508	508	12.7	476	541	449	TK18,NUMA180	503.6
P560	560	12.7	530	590	480	TK18,NUMA180	620
P610	610	12.7	558	642	513	TK18,NUMA180	717
P711	711	14.5	676	742	636	TK24	1124
P813	813	18	740	840	700	TK24	1504

CONCENTRIC CASING SYSTEM WITH BLOCKS



Model	D	T	H	C	G	Qty of blocks	Bit shank	Weight (kg)
	Casing tube OD(mm)	Thickness (mm)	Max OD of pilot bit(mm)	Reamed diameter(mm)	Max OD of normal bit(mm)			
T115	140	6	126	150	115	2	DHD340,SD4,QL40	17.2
T136	168	10	146	182	136	2	DHD350,SD5,QL50	25
T146	178	10	156	192	146	2	DHD350,SD5,QL50	30
T160	194	10	172	212	160	2	DHD360,SD6,QL60	41.2
T185	219	10	196	234	185	3	DHD360,SD6,QL60	58.6
T203	245	12	218	260	203	3	DHD380,SD8,QL80	85.5
T240	273	10	251	305	240	3	DHD380,SD8,QL80	105.6
T280	325	10	302	346	280	3	NUMA100,SD10,DHD380	167.2
T305	355	10	332	376	305	3	DHD112,NUMA120	232.5
T330	377	10	354	398	330	3	DHD112,NUMA120	256
T360	406	11.5	380	428	360	4	DHD112,NUMA120,NUMA125	282
T380	426	11.5	400	448	380	4	DHD112,NUMA120,NUMA125	305.8
T412	460	11.5	434	485	412	4	NUMA125,TK14	383
T432	480	12.7	450	505	432	4	NUMA125,TK14	426.6
T457	508	12.7	479	534	457	4	NUMA180,TK18,TK14	590
T510	560	12.7	530	590	510	4	NUMA180,TK18	735
T551	610	12.7	582	639	551	4	NUMA180,TK18	922
T600	660	14	628	684	600	4	TK24,NUMA180	1192
T645	711	16	675	741	645	4	TK24	1340
T694	762	16	726	800	694	4	TK24	1603
T750	813	16	776	845	750	5	TK24	1790
T794	862	16	824	900	794	5	TK24,TK28	2009
T846	914	16	876	960	846	5	TK28,QL300	2345
T892	960	16	922	1000	892	5	TK28,QL300	2536
T950	1016	16	980	1060	950	6	TK28,QL300	2965

DTH DRILL ROD

Outer diameter		Wall thickness (mm)	Thread pin/box	Length range (m)
inch	mm			
2 8/7	73	4.5–6.5	API 2 3/8" REG or 2 3/8" IF	1–9.14
3 1/2	89	4.5–6.5	API 2 3/8" REG or 2 3/8" IF	1–9.14
4	102	6.5–8.5	API 3 1/2" REG or 2 7/8" IF	1–12
4 1/2	114	6.5–8.5	API 3 1/2" REG or 2 7/8" IF	1–12
5	127	6.5–8.5	API 3 1/2" REG or 2 7/8" IF	1–12
5 3/4	146	8.5–10	API 4 1/2" REG	1–12
6 5/8	168	8.5–10	API 6 5/8" REG	1–12
7	178	19–25	API 4 1/2" REG or BECO 4 1/2"	6–12
7 5/8	194	19–25	BECO 5 1/4" or BECO 6"	6–12
8 5/8	219	19–25	API 5 1/2" REG or API 6 5/8" REG	6–12
10 3/4	273	19–25	API 7 5/8" REG or BECO 8"	6–12

Other sizes can be customized upon requesting.



Shock Absorbers & Swivel

Along with our main products, we also develop and manufacture a variety of auxiliary equipment. Especially we are providing optimized auxiliary equipment, such as shock absorbers, rotary heads and mud pumps to extend the service life of rigs and ensure more convenient and safer work.



Rotary Head



Shock Absorber Specifications

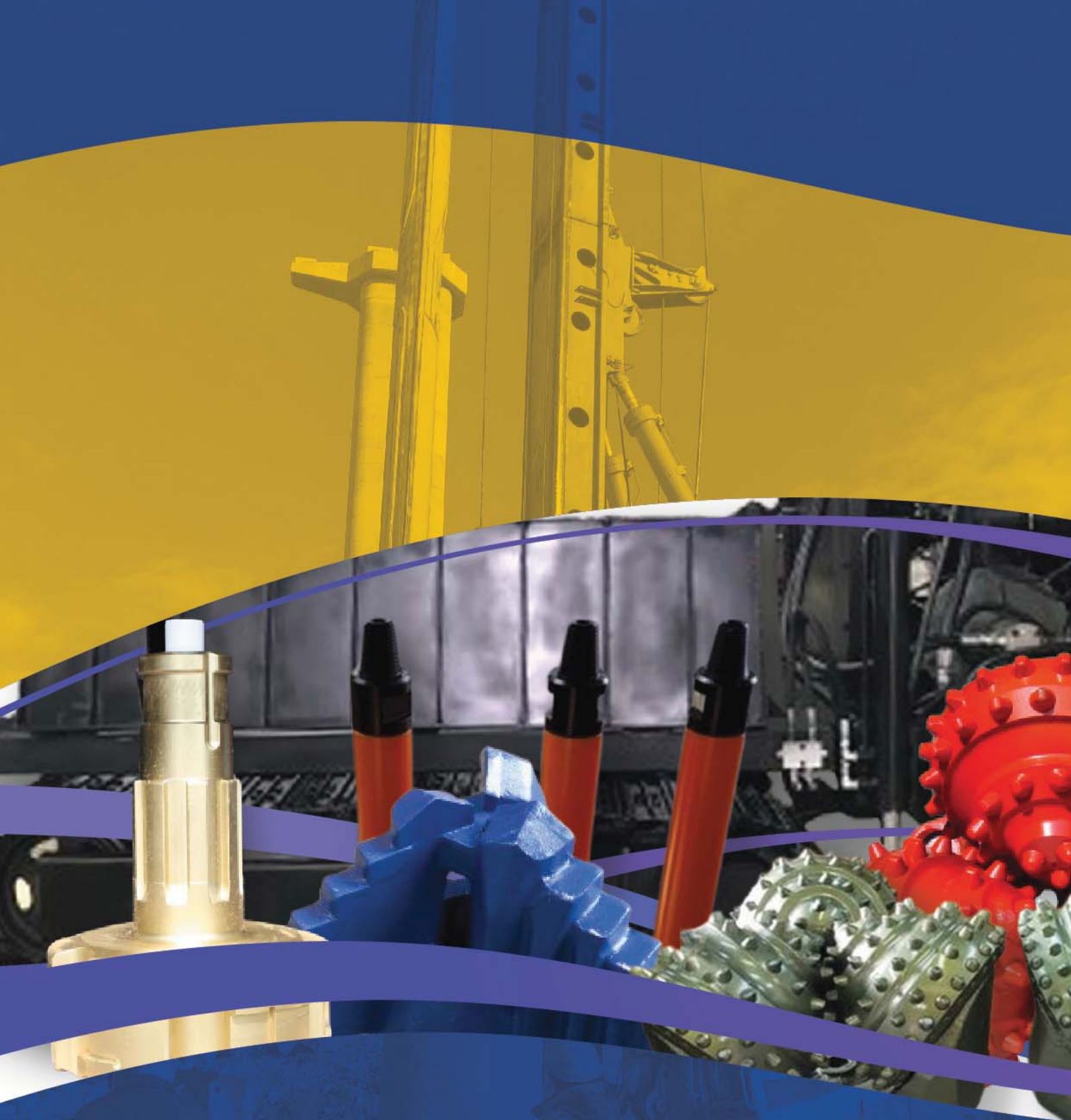
Size	Outside Dia. /mm	Length /mm
3"	77 mm	496 mm
4"	97 mm	496 mm
5"	117 mm	580 mm
6"	138 mm	580 mm
8"	180 mm	656 mm
10"	225 mm	1,017 mm
12"	270 mm	1,017 mm

Breakout Bench

The breakout bench is a cost effective way of recovering bits and bottom subs from bent or broken drill rods.

Our Breakout Bench is a great help when servicing, maintaining and repairing a DTH-hammer.





Contact us

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