

Application Fields



Anchor Project



Water Well Drilling



Tunnel Project



Road Construction



Rock Mining



Geological Drilling



Anchor Project



Golden Mining



Water Well Drilling



Quarry Project



Coal Mining



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» PDC Drill Bit



» PDC Drill Bit

Our company mainly produce PDC drill bit type: PDC anchor drill bit, PDC no-core drill bit, PDC core drill bit, PDC reamer drill bit, PDC drag drill bit, they are mainly used in coal mining, rock mining, geological drilling, water well drilling, road construction, tunnel construction etc.

» Technical Parameters

Diameter		Wings	PDC Tip	Thread
mm	inch			
28	1.1024"	2	1304, 1308 or As request	API,NQ,HQ,PQ, AW,AWJ,or as request
32	1.2599"	2		
45	1.7717"	2		
54	2.1260"	3		
55	2.1654"	3		
65	2 1/2"	3		
76	3"	3		
89	3 1/2"	3		
92	3 5/8"	3 / 4		
95	3 3/4"	3 / 4		
98	3 7/8"	3 / 4		
102	4"	3 / 4		
108	4 1/4"	3 / 4		
114	4 1/2"	3 / 4		
127	5"	3 / 4		
133	5 1/4"	3 / 4		
146	5 3/4"	3 / 4		
152	6"	3 / 4		
171	6 3/4"	3 / 4 / 5		
191	7 1/2"	3 / 4 / 5		
216	8 1/2"	4 / 5 / 6		
Other item	Customize as your request			

» Tungsten Carbide Drill Bit



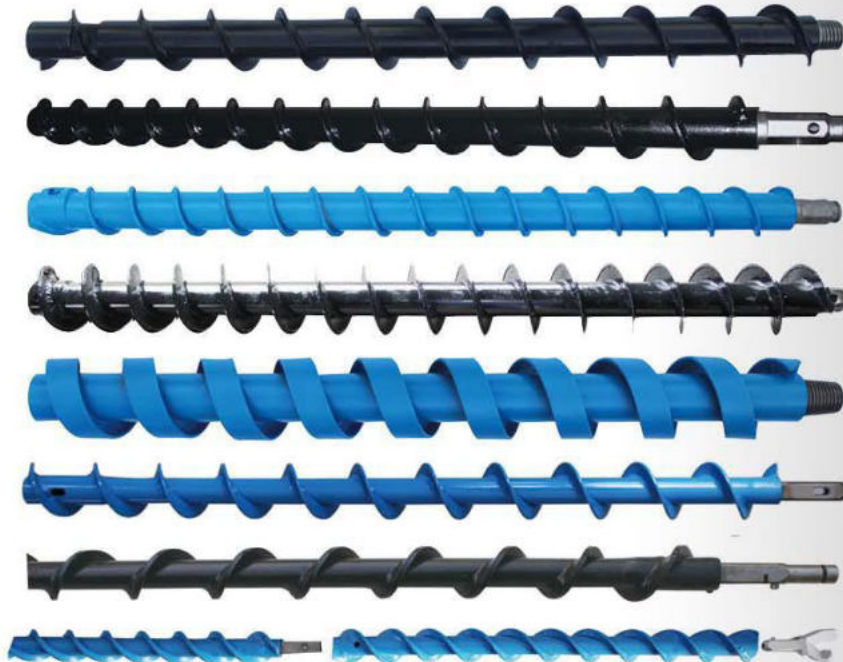
» Tungsten Carbide Drill Bit

tungsten carbide drill bit mainly are: Water exploration drill bit,coal mining drill bit, soft rock drill bit, composed drill bit and reaming drill bit. Drill bits are manufactured by casting, precision forging and medium carbon alloy machining and can adapt to different drilling conditions. This product is widely used in coal, gypsum mine and other soft rock drilling and reaming.

» Technical Parameters

No.	Specification and Size		Cutters
	Dia	Connecting type	
1	27	Screw Thread	As Request
2	28	Screw Thread	As Request
3	30	Screw Thread	As Request
4	32	Screw Thread	As Request
5	34	Screw Thread	As Request
6	36	Screw Thread	As Request
7	38	Screw Thread	As Request
8	42	Screw Thread	As Request
9	45	Screw Thread or Square,hex shank	As Request
10	55	Screw Thread or Square,hex shank	As Request
11	65	Screw Thread or Square,hex shank	As Request
12	75	Screw Thread or Square,hex shank	As Request
13	82	Screw Thread or Square,hex shank	As Request
14	85	Screw Thread or Square,hex shank	As Request
15	89	Screw Thread or Square,hex shank	As Request
16	95	Screw Thread or Square,hex shank	As Request
17	110	Screw Thread or Square,hex shank	As Request
18	125	Screw Thread or Square,hex shank	As Request
19	135	Screw Thread or Square,hex shank	As Request
20	Other items can be customized as your request		

» Auger Rod



» Auger Rod

High efficiency drill rod is end to end connected by Square and Hexagon Joint, This series products combine the German engineer with our newest technology.

The body of drill rod is made of high grade geological special alloy steel tube, The spiral blade selects high wear-resisting T steel belt, through prestressed wire winding process, the joint of drill rod is made of high quality carbon alloy steel, through vacuum hardening and tempering processing, high Pressure Forming process, friction welding process to be produced.

The connection of this series drill products adapt spring auto pin lock pin or half pin, straight pin, U-shape, Slotted wedge pin.

This series products major apply to portable and hand-held drill rig, drill rod has light weight, high elasticity, difficult to bend, connect quickly, slag discharge faster advantages, greatly improves the work efficiency, so it's named high efficiency spiral drill pipe.

This series products widely apply to water and gas exploration of coal seam or similar stratum, there are wet and dry two types. product specific can be as customize request.

» 技术参数表 / Technical Parameters

NO.	Specification(mm)				(N.M) Torque (N.M)	Connection Type
	Dia. (spiral+tube)	Tube Dia.	Length	Connector Size		
1	Φ28	Φ18	500 ~ 3000	F12 × 48 or as request	150 ~ 200	Square shank, API or as your request
2	Φ30	Φ18	500 ~ 3000	F12 X 48 or as request	150 ~ 200	
3	Φ32	Φ18	500 ~ 3000	F12 X 48 or as request	150 ~ 200	
4	Φ38	Φ21	500 ~ 3000	F14 X 50/80 or as request	100 ~ 350	
5	Φ40	Φ21 ~ 22	500 ~ 3000	F14 × 50/80 or as request	100 ~ 350	
6	Φ42	Φ22	500 ~ 3000	F13 × 80 or as request	200 ~ 350	
7	Φ69	Φ25 ~ 27	500 ~ 3000	F18 X 60/85 or as request	250 ~ 350	
8	Φ69	Φ25 ~ 27	500 ~ 3000	H20 X 90 or as request	350 ~ 450	Hex shank, API or as your request
9	Φ75	Φ32 ~ 42	500 ~ 3000	F24 X 85 or as request	350 ~ 450	Square shank, API or as your request
10	Φ89	Φ32 ~ 50	500 ~ 3000	F26 X 45 / 90 or as request	350 ~ 450	
11	Φ98	Φ73	500 ~ 6000	H45 × 1 00 or as request	10000-12000	Hex shank, API or as your request
12	Φ113	Φ63 ~ 73	500 ~ 6000	H45 X 1 00 or as request	8000-12000	
13	120	73-89	500-6000	H45,H51 or as request	10000-15000	
14	130	73-89	500-6000	H45,H51 or as request	10000-15000	
15	150	73-89	500-6000	H45,H51 or as request	10000-15000	
16	165	73-89	500-6000	H45,H51 or as request	10000-15000	
17	170	73-89	500-6000	H45,H51 or as request	10000-15000	
18	200	73-89	500-6000	H45,H51 or as request	10000-20000	
19	250	73-89	500-6000	H45,H51 or as request	10000-20000	
20	300	73-89	500-6000	H45,H51 or as request	10000-20000	
Other items can be customized as your request						

» Taper Rock Drill Tools



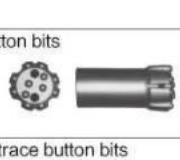
Name of product	Diam(mm)	Tip size(mm) Gauge	Tapper	Weight (kg)	RL P/N
Button bits (weld by induction)	28	3 × 7	7	0.17	ZQH28B-722B1
	32	3 × 8	7	0.27	ZQH32B-722B1
	42	3 × 9	7	0.41	ZQH42B-723B1
	43	3 × 7	7	0.41	ZQH43B-723B1
	40	3 × 9	7	0.35	ZQH40B5-723B1
Button bits	45	4 × 11	7	0.55	ZQH45S-725B1
Button bits	29	5 × 7	10	0.22	ZQ28S-12220
	33	6 × 7	12	0.26	ZQ32S-1222
	40	5 × 9	7	0.40	ZQ40S1-722
Name of product	Diam(mm)	Tip size(mm) Gauge	Tapper	Weight (kg)	RL P/N
Chisel bits	20	12 × 6	4	0.10	YX20F-415
	32	14 × 8	6	0.25	YX32D-622
	34	14 × 8	6	0.30	YX34D-422
	36	14 × 8	6	0.35	YX36D-622
	38	15 × 10	6	0.36	YX38-622
		18 × 10	6	0.40	YX38D-622
	40	15 × 10	6	0.38	YX40-622
		18 × 10	6	0.40	YX40A-622
Cross bits	32	12 × 8	7	0.30	SQ32H1-722
	34	12 × 8	7	0.35	SQ34H1-722
	36	12 × 8	7	0.37	SQ36H1-722
	38	12 × 8	7	0.39	SQ38H1-722
	40	12 × 8	7	0.40	SQ40H1-722
	42	14 × 8	7	0.41	SQ42G-722
	45	14 × 8	7	0.47	SQ45G-722

» Taper Rock Drill Tools

Name of product	Diam(mm)	Tip size(mm) H × w	Tapper	Weight (kg)	RL P/N
Normal chisel bits	38	15 × 10	7	0.36	YQ38-722
		18 × 10	7	0.36	YQ38A-722
		14 × 9	7	0.36	YQ38C-722
		14 × 8	7	0.36	YQ38D-722
	40	15 × 10	7	0.38	YQ40-722
		18 × 10	7	0.38	YQ40A-722
		14 × 9	7	0.38	YQ40C-722
		14 × 8	7	0.38	YQ40D-722
	43	15 × 10	7	0.40	YQ43-722
		18 × 10	7	0.40	YQ43A-722
		14 × 9	7	0.40	YQ43C-722
		14 × 8	7	0.40	YQ43D-722
Straight horseshoe bits	26	12 × 6	7	0.13	YQM26F-719
	28	12 × 8	7	0.15	YQM28E-719
	32	14 × 8	7	0.22	YQM32D-722
	34	14 × 8	7	0.29	YQM34D-722
	36	14 × 8	7	0.32	YQM36D-722
		15 × 10	7	0.33	YQM36-722
	38	15 × 10	7	0.36	YQM38-722
		18 × 10	7	0.38	YQM38A-722
	40	15 × 10	7	0.39	YQM40-722
		14 × 9	7	0.39	YQM40C-722
		18 × 10	7	0.39	YQM40A-722
	43	15 × 10	7	0.41	YQM43-722
Straight horseshoe bits	38	15 × 10	7	0.37	YMD38-722
		14 × 9	7	0.37	YMD38C-722
		18 × 10	7	0.37	YMD38A-722
	40	15 × 10	7	0.39	YMD40-722
		18 × 10	7	0.39	YMD40A-722
		14 × 9	7	0.39	YMD40C-722
		14 × 8	7	0.39	YMD40D-722
	43	15 × 10	7	0.41	YMD43-722
		14 × 9	7	0.41	YMD43C-722
		18 × 10	7	0.41	YMD43A-722
		14 × 8	7	0.41	YMD43D-722

Thread Rock Drill Tools

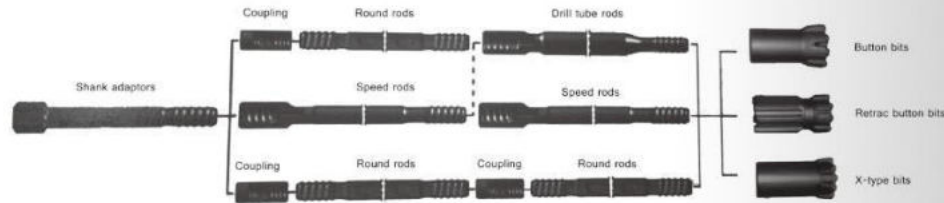


R32(1 1/4')		Diameter		Tip size(mm)		Gauge Button Angle	NO. of flushing holes		Weight (kg)	RL P/N
		mm	Inch	Gauge	Front		Side	Front		
Button bits		42	1 5/8	5×9	2×8	30	2	1	0.64	ZQ41C2-R32
	43.3	1 11/16	5×10	2×8	35	1	1	0.61	ZQ43C4-R32	
	46.5	1 3/4	5×11	2×9	40	3	2	0.63	ZQ45C5-R32	
			5×11	2×9	30	2	1	0.75	ZQ45C7-R32	
			5×11	2×9	30	2	1	0.77	ZQ45C8-R32	
			5×11	2×9	35	–	2	0.74	ZQ45C4-R32	
	48	1 7/8	5×10	2×9	35	2	1	0.76	ZQ48C3-R32	
	49		5×11	2×10	30	2	1	0.77	ZQ48C5-R32	
	48		5×11	2×9	35	1	1	0.77	ZQ48C6-R32	
	49		5×11	2×10	35	2	1	0.77	ZQ48C7-R32	
	51	2	5×10	2×10	35	1	1	0.95	ZQ51C-R32	
Button bits		43.5	1 11/16	6×9	2×8	35	1	3	0.6	ZQ43D8-R32
	46.3	1 3/4	6×10	3×8	35	1	3	0.7	ZQ45D8-R32	
	46.5		6×10	3×8	35	1	3	0.71	ZQ45D24-R32	
	46		6×9	3×8	40	–	3	0.7	ZQ45D16-R32	
	46		6×9	3×8	40	1	3	0.77	ZQ45D17-R32	
	46		6×9	3×8	35	1	1	0.73	ZQ45D18-R32	
	49	1 7/8	6×9	3×9	30	1	3	0.83	ZQ48D-R32	
			6×10	2×9	30	2	2	0.92	ZQ48D1-R32	
	52	2	6×10	3×9	30	–	3	1.08	ZQ51D2-R32	
			6×10	3×9	30	1	3	1.08	ZQ51D5-R32	
	58	2 1/4	6×11	3×10	30	1	3	1.27	ZQ57D2-R32	
64	2 1/2	6×12	3×11	35	2	1	1.53	ZQ64D1-R32		
Button bits		65	2 1/2	8×10	4×10	30	2	2	1.63	ZQ64F-R32
	77	3	8×11	4×11	35	2	2	2.7	ZQ76F1-R32	
	90	3 1/2	8×12	4×12	35	–	2	2.9	ZQ89F-R32	
Retrace button bits		46	1 3/4	6×9	3×8	30	1	3	1.0	ZQY45D-R32
	48	1 7/8	6×9	3×8	30	1	3	1.1	ZQY48D-R32	
	49		6×10	3×8	30	1	73	1.14	ZQY48D1-R32	
	52	2	6×10	3×9	30	1	3	1.33	ZQY51D2-R32	
	57	2 1/4	6×10	3×10	30	1	3	1.64	ZQY57D-R32	

Thread Rock Drill Tools

R32(1 1/4')		Diameter		Tip size(mm)		Gauge Button Angle	NO. of flushing holes		Weight (kg)	RL P/N
		mm	Inch	Gauge	Front		Side	Front		
 	61	2 3/8	8 × 10	4 × 9	30	1	2	1.67	ZQY60F-R32	
	65	2 1/2	8 × 10	4 × 10	35	–	2	2.36	ZQY64F3-R32	
	70	2 3/4	8 × 10	4 × 10	35	2	2	2.51	ZQY70F-R32	
	90	3 1/2	12 × 11	2 × 11 1 × 10	35	3	–	2.95	ZQY89F-R32	
	102.5	4	12 × 12	2 × 12 1 × 10	35	3	–	3.44	ZQY102F-R32	
			12 × 12	2 × 12 1 × 10	35	3	–	3.45	ZQY102F1-R32	
	127	5	8 × 14	8 × 12 1 × 11	35	5	–	6.24	ZQK127F-R32	
	77	3	8 × 11	2 × 11	35			1.25	ZQY76F-634	
	89	3 1/2	8 × 12	4 × 12	35			1.69	ZQY89F-634	
	76	3	8 × 9	4 × 8	35			1.08	ZQK76F-646	
	90	3 1/2	8 × 12	4 × 11	35			1.7	ZQK89F-646	
	89		8 × 12	4 × 10	35			1.64	ZQK89F-1251	
	102	4	8 × 12	4 × 12	35			2.53	ZQK102F-1251	
			8 × 14	6 × 12	35			2.71	ZQK102F1-1251	
	Diam.		Tip size(mm)		Thread		Weight(kg)	RL P/N		
	mm	In	H × W							
	40	1 37/64	15 × 10		R32		1.8	KQD40-6R32		
			15 × 10		R32		1.8	KQD40-12R32		
18 × 10			R32		1.8	KQD40A-12R32				
 	45	1 3/4	16 × 10		R32		0.7	SQ45-R32		
	48	1 7/8	16 × 10		R32		0.8	SQ48-R32		
	51	2	16 × 10		R32		1	SQ51-R32		
	57	2 1/4	16 × 10		R32		1.25	SQ57-R32		
	64	2 1/2	18 × 13		R32		1.5	SQ64D-R32		
	76	3	18 × 13		R32		2.0	SQ76D-R32		
Name of product	Length		Diam.(mm)		Tread		Weight(kg)	RL P/N		
	mm	ft								
	1000		Hex.32		R32-R32		7.7	LGR32-1000		
	1220	4			R32-R32		7.9	LGR32-1200		
	1525	5			R32-R32		9.9	LGR32-1525		
	1830	6			R32-R32		11.9	LGR32-1830		
	2000				R32-R32		12.9	LGR32-2000		
	2475	8			R32-R32		15.8	LGR32-2475		
	3090	10			R32-R32		19.8	LGR32-3090		
	3700	12			R32-R32		23.7	LGR32-3700		

Thread Rock Drill Tools



R38(1 1/2')		Diameter		Tip size(mm)		Gauge Button Angle	NO. of flushing holes		Weight (kg)	RL P/N
		mm	Inch	Gauge	Front		Side	Front		
Button bits		58	2 1/4	6 × 11	3 × 10	30	2	1	1.55	ZQ57D1-T38
		65	2 1/2	6 × 12	3 × 11	35	1	1	1.65	ZQ64D1-T38
		76	3	6 × 12	3 × 12	35	1	3	2.45	ZQ76D-T38
Button bits		65	2 1/2	8 × 10	4 × 10	30	-	2	1.79	ZQ64F5-T38
				8 × 10	4 × 10	30	2	2	1.75	ZQ64F7-T38
		76	3	8 × 12	4 × 11	30	2	2	2.6	ZQ76F3-T38
		77		8 × 12	4 × 12	30	2	2	2.6	ZQ76F6-T38
		89		8 × 13	5 × 12	43	2	1	3.3	ZQ89F1-T38
		90	3 1/2	8 × 12	6 × 11	35	2	2	3.35	ZQ89F2-T38
		90		8 × 12	6 × 12	35	2	2	3.38	ZQ89F3-T38
		88		8 × 14	4 × 12	35	-	2	3.3	ZQ89F5-T38
		102	4	8 × 14	7 × 12	35	2	2	4.54	ZQ102F1-T38
Drop center button bits		65	2 1/2	6 × 11	3 × 10 1 × 10	35	2	3	1.71	ZQA64D2-T38
				6 × 12	3 × 11 1 × 9	35	-	3	1.72	ZQA70D2-T38
		70	2 3/4	6 × 12	3 × 11 1 × 9	35	1	3	2.29	ZQA70D1-T38
				6 × 12	3 × 11 1 × 9	35	-	3	2.33	ZQA70D1-T38
		90	3 1/2	6 × 12	3 × 12 2 × 10	35	1	3	4.02	ZQA89D3-T38
				6 × 12	3 × 12 2 × 10	35	-	3	3.98	ZQA89D2-T38

Thread Rock Drill Tools

R38(1 1/2')		Diameter		Tip size(mm)		Gauge Button Angle	NO. of flushing holes		Weight (kg)	RL P/N
		mm	Inch	Gauge	Front		Side	Front		
Drop center button bits		65	2 1/2	8 × 10	4 × 10 1 × 9	30	1	4	1.7	ZQA64F3-T38
		70	1 3/4	8 × 11	4 × 10 1 × 9	30	1	4	2.03	ZQA70F2-T38
		77	3	8 × 11	4 × 11 1 × 10	30	1	4	2.66	ZQA76F2-T38
		90	3 1/2	8 × 12	4 × 12 2 × 10	35	1	4	3.35	ZQA89F-T38
		103	4	8 × 12	4 × 12 4 × 10	35	-	2	4.7	ZQA102F-T38
Retrace button bits		61	2 3/8	8 × 10	4 × 9	30	2	2	1.7	ZQY60F-T38
		65	2 1/2	8 × 10	4 × 10	30	2	2	2	ZQY64F3-T38
		71	1 3/4	8 × 11	4 × 10	35	2	2	2.44	ZQY70F1-T38
		76	3	8 × 11	4 × 11	35	-	2	3.45	ZQY76F3-T38
		77		8 × 12	5 × 11	30	2	2	3.46	ZQY76F6-T38
		90	3 1/2	8 × 12	6 × 11	30	-	2	5.43	ZQY89F1-T38
Drop center retrace button bits		65.5	2 1/2	8 × 10	4 × 10 1 × 9	30	-	4	1.83	ZYA64F3-T38
		71	1 3/4	8 × 10	4 × 10 1 × 9	30	1	4	2.4	ZYA70F-T38
		77	3	8 × 11	4 × 11 1 × 11	30	1	4	3.19	ZYA76F-T38
		90	3 1/2	8 × 12	4 × 12 2 × 10	35	1	4	4.78	ZYA89F-T38

R38(1 1/2')		Diameter		Tip size(mm)		Tread	Weight (kg)	RL P/N
		mm	Inch	H × W				
X-type bits		64	2 1/2	25 × 13		T38	1.8	X64A-T38
		76	3	25 × 13		T38	2.4	X76A-T38
		89	3 1/2	25 × 13		T38	3.0	X89A-T38
Retrace X-type bits		76	3	25 × 13		T38	3.9	XY76A-T38
		89	3 1/2	25 × 13		T38	4.5	XY89A-T38

Thread Rock Drill Tools

Name of product	Diameter		Tip size(mm)	Tread	Weight (kg)	RL P/N
	mm	Inch	H × W			
X-type bits 	89	3 1/2	25 × 13	T51	2.8	X89A-T51
	102	4	25 × 15		3.8	X102W-T51
Name of product	Length		Diam. (mm)	Tread	Weight (kg)	RL P/N
	mm	ft				
Round rods 	1220	4	Rd.52	T51-T51	18.4	YGT51Q-1220
	1525	5			23	YGT51Q-1525
	1830	6			27.6	YGT51Q-1830
	3050	10			46	YGT51Q-3050
	3660	12			55.2	YGT51Q-3660
	6095	20			92.5	YGT51Q-6095
Speed rods 	1220	4	Rd.52	T51-T51	20.6	KKYQT51Q-1220
	1525	5			25.2	KKYQT51Q-1525
	1830	6			29.8	KKYQT51Q-1830
	3050	10			48.2	KKYQT51Q-3050
	3660	12			57.4	KKYQT51Q-3660
	6095	20			94.1	KKYQT51Q-6095
Drill tube rods 	3050	10	Rd.76	T51-T51	63.0	KYG76T51-3050
	3660	12			73.4	KYG76T51-3660
	3660	12			75.6	KYG76T51-3660
Name of product	Length		Outside Diam. (mm)	Tread	Weight (kg)	RL P/N
	mm	in				
Coupling sleeves 	225	8 7/8	72	T51	3.80	LT51-225
	235	9 1/4	72		3.90	LT51-235
	235	9 1/4	76		4.70	LT51A-235
	250	9 13/16	76		5.55	LT51-250Q
	270	10 5/8	98	T51-ED68	11.65	LT51ED68-270Q

Thread Rock Drill Tools

ST58(2 1/4') ST68(2 3/4') ED68(2 3/4')	Diameter		Tip size(mm)		Gauge Button Angle	NO.of flushing holes		Weight (kg)	RL P/N
	mm	Inch	Gauge	Front		Side	Front		
Drop center retrace button bits 	91	3 1/2	8 × 12	4 × 12 2 × 11	35	1	4	5.1	ZYA89F-ST58
Button bits  	90	3 1/2	8 × 12	6 × 12	35	2	2	4.1	ZQ89F-ST58
	103	4	8 × 14	6 × 12	35	2	2	6	ZQ102F1-ST58
	105	4 1/8	8 × 14	6 × 12	35	—	2	8.9	ZQ105F-ED68
	110	4 3/8	8 × 16	6 × 14	35	—	2	9.4	ZQ110F-EN68
	115	4 1/2	8 × 16	6 × 14	35	—	2	9.53	ZQ115F1-ED68
	127	5	8 × 16	8 × 14	40	—	2	10.5	ZQ127F1-ED68
Drop center button bits  	90	3 1/2	8 × 12	4 × 12 2 × 10	35	—	4	4.06	ZQA89F1-ST58
	110	4 3/8	8 × 16	4 × 14 3 × 12	35	—	4	9.4	ZQA110F-ED68
	115	4 1/2	8 × 16	4 × 14 3 × 12	35	—	4	9.42	ZQA115F1-ED68
	127	5	8 × 16	4 × 14 3 × 12	40	—	4	10.8	ZQA127F-ED68
	151	6	9 × 16	9 × 14 3 × 14	40	—	3	13.16	ZQA152G-ED68
Button bits 	140	5 1/2	9 × 16	9 × 14	40	—	3	12.5	ZQ140G1-ED68
	151	6	9 × 16	9 × 16	40	—	3	16.2	ZQ152G1-ED68
Retrace button bits  	91	3 1/2	8 × 14	6 × 12	35	1	2	5.1	ZQY89F-DT58
	103	4	8 × 12	7 × 12	35	2	2	6.91	ZQY102F-ST58
	115	4 1/2	8 × 16	6 × 14	35	—	2	7.28	ZQY115F-ST58
	115	4 1/2	8 × 16	6 × 14	35	—	2	10.8	ZQY115F-ED58
	127	5	8 × 16	8 × 14	40	—	2	15	ZQY127F-ED58
Name of product	Length		Diam. (mm)		Tread		Weight (kg)	RL P/N	
mm	ft								
Drill tube rods 	1220	4	76		ST58		29.4	KYG76ST58-1220	
	1525	5	76				35.4	KYG76ST58-1525	
	1830	6	76				41.3	KYG76ST58-1830	
	2280	8	76				50.1	KYG76ST58-2280	
	1830	8	87				56.3	KYG87ST68-1830	

» Diamond Core Drill Bit



The impregnated diamond bits are the most commonly useful bits in the mineral exploration industry, as they have the widest range of application. The carefully selected grades of high quality synthetic diamond are distributed in the depth of impregnated bit's matrix series. The matrix layer of the ZM contains a uniform distribution of these crystals that are embedded in a powdered metal bond.

The matrix of our impregnated bits is designed to expose new diamonds to the bits' cutting face as wear occurs. Fast penetration rate is maintained as a result of this action. C6, C9, C12 series

Our impregnated bits are manufactured to give optimum penetration rates and bit life, which is required to keep the cost of diamond drilling to a minimum.

Size Available as follows:

AQ, BQ, NQ, HQ, PQ/AQTK, BQTK, BQ3, NQ2, NQ3, NQTT, HQ3, HQTT, PQ3, PQTT

T2 series: T2 46, T2 56, T2 66, T2 76, T2 86, T2 101

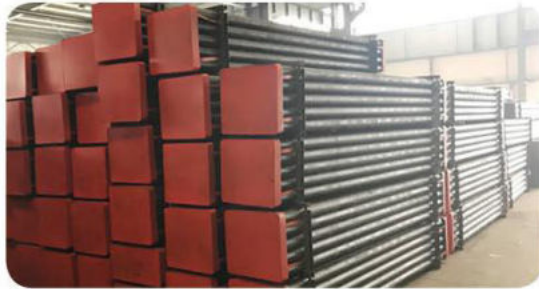
T6 series: T6 76, T6 86, T6 101, T6 116, T6 131

T series: T36, T46, T56, T66, T76, T86

» Diamond Core Drill Bit

No.	Item	OD*ID (mm)	Matrix Height	Matrix hardness
1	AQ	47.6*27.0	C9	K3 K5 K7 K9
2	BQ-0.5	59.0*36.3	C9 C12	K3 K5 K7 K9
3	BQ	59.5*36.3	C9 C12	K1-K11
4	NQ	75.3*47.6	C9 C12	K1-K11
5	NQ+2	77.3*47.6	C9 C12	K3 K5 K7 K9
6	HQ	95.6*63.5	C9 C12	K1-K11
7	HQ+2	98.0*63.5	C9 C12	K3 K5 K7 K9
8	PQ	122.0*85.0	C9 C12	K1-K11
9	SQ	147.6*102.0	C9	K3 K5 K7 K9
10	NQTT	75.3*45.0	C9 C12	K3 K5 K7 K9
11	HQTT	95.6*61.1	C9 C12	K3 K5 K7 K9
12	PQTT	122.0*83.0	C9 C12	K3 K5 K7 K9
13	NQ2	75.3*50.7	C9 C12	K3 K5 K7 K9
14	ATW	47.6*30.1	C9	K3 K5 K7 K9
15	BTW	59.5*42.0	C9	K3 K5 K7 K9
16	NTW	75.3*56.1	C9	K3 K5 K7 K9
17	NQV	76.3*50.7	C9 C12	K3 K5 K7 K9
18	HQV	95.0*68.5	C9 C12	K3 K5 K7 K9
19	BQ3	59.5*33.5	C9 C12	K3 K5 K7 K9
20	NQ3	75.3*45.0	C9 C12	K3 K5 K7 K9
21	HQ3	95.6*61.1	C9 C12	K3 K5 K7 K9
22	PQ3	122.0*83.0	C9 C12	K3 K5 K7 K9
23	SQ3	147.6*102.0	C9	K3 K5 K7 K9
24	B36	36.0*21.7	C6	K3 K5 K7 K9
25	B46	46.0*31.7	C6	K3 K5 K7 K9
26	B56	56.0*41.7	C6	K3 K5 K7 K9
27	B66	66.0*51.7	C6	K3 K5 K7 K9
28	B76	76.0*61.7	C6	K3 K5 K7 K9
29	B86	86.0*71.7	C6	K3 K5 K7 K9
30	B101	101.0*86.7	C6	K3 K5 K7 K9
31	B116	116.0*101.7	C6	K3 K5 K7 K9
32	B131	131.0*116.7	C6	K3 K5 K7 K9
33	B146	146.0*131.7	C6	K3 K5 K7 K9
34	T2-46	46.0*31.7	C6	K3 K5 K7 K9
35	T2-56	56.0*41.7	C6	K3 K5 K7 K9
36	T2-66	66.0*51.7	C6	K3 K5 K7 K9
37	T2-76	76.0*61.7	C6	K3 K5 K7 K9
38	T2-86	86.0*71.7	C6	K3 K5 K7 K9
39	T2-101	101.0*83.7	C6	K3 K5 K7 K9
40	T6-76	76.0*57.0	C6 C9	K3 K5 K7 K9
41	T6-86	86.0*67.0	C6 C9	K3 K5 K7 K9
42	T6-101	101.0*79.0	C6 C9	K3 K5 K7 K9
43	T6-116	116.0*93.0	C6 C9	K3 K5 K7 K9
44	T6-131	131.0*108.0	C6 C9	K3 K5 K7 K9
45	T6-146	146.0*123.0	C6 C9	K3 K5 K7 K9
46	T6S-76	76.3*47.7	C6 C9	K3 K5 K7 K9
47	T6S-86	86.3*57.7	C6 C9	K3 K5 K7 K9
48	T6S-101	101.3*71.7	C6 C9	K3 K5 K7 K9
49	T6S-116	116.3*85.7	C6 C9	K3 K5 K7 K9
50	T6S-131	131.3*100.7	C6 C9	K3 K5 K7 K9
51	TT36	36.0*21.7	C6	K3 K5 K7 K9
52	TT46	46.0*35.2	C6	K3 K5 K7 K9
53	TT56	56.0*45.2	C6	K3 K5 K7 K9

Core Drill Rod



Our drill rods are the highest quality, are manufactured to exacting specifications using advancing produce process. Core drill rod are manufactured by high quality heat treated materials which ensure superior strength, wear resistance and toughness in the most demanding applications.

Technical Parameters

No.	Item	length(m)	OD*Thickness(mm)	Steel Grade	Drilling Depth(m)
1	AQ	1.5	44.5*4.8	ZT850	300
2	AQ	3.0	44.5*4.8	ZT850	300
3	BQ	1.5	55.7*4.8	ZT850	600
4	BQ	3.0	55.7*4.8	ZT850	1200
5	NQ	1.5	70.5*5.0	ZT850	600
6	NQ	3.0	70.5*5.0	ZT850	1200
7	HQ	1.5	89.0*5.6	ZT850	600
8	HQ	3.0	89.0*5.6	ZT850	1200
9	PQ	1.5	114.3*6.2	ZT850	600
10	PQ	3.0	114.3*6.2	ZT850	1200
11	SQ	1.5	139.7*7.1	ZT750	300
12	SQ	3.0	139.7*7.1	ZT750	600
13	BT	1.5	55.7*4.8	ZT850	600
14	BT	3.0	55.7*4.8	ZT850	1200
15	NT	1.5	70.5*5.0	ZT850	600
16	NT	3.0	70.5*5.0	ZT850	1200
17	HT	1.5	89.0*5.6	ZT850	600
18	HT	3.0	89.0*5.6	ZT850	1200
19	PT	1.5	114.3*6.2	ZT850	600
20	PT	3.0	114.3*6.2	ZT850	1200
21	ATW	1.5	44.5*3.85	ZT850	300
22	BTW	1.5	57.0*4.2	ZT850	600
23	NTW	1.5	73.2*4.45	ZT850	600

Core Barrel



Wireline drill tools can lift drill core from drill rods without picking up bits. All the tools include principal parts of the drill tools, overshot assembly, drill rods, holding dog, circle wrench and etc, their advantages are higher penetration, higher core recovery ratio, longer bit life and lower our ab intensity, and the advantages get more clear with the increasing of hole depth.

Technical Parameters

Series	Model	Drill Bit(Mm)		Reamer	Outer Tube		Inner Tube		Unit Weight
Core Barrel		Inner Diameter	Outer Diameter	Outer Diameter	Outer Diameter	Inner Diameter	Outer Diameter	Inner Diameter	KG/Set
BQ		36.50	59.50	60.00	57.20	46.00	42.90	38.10	45.00
NQ		47.60	75.30	75.80	73.00	60.30	55.60	50.00	65.00
HQ		63.50	95.60	96.00	92.10	77.80	73.00	66.70	103.00
PQ		85.00	122.00	122.60	118.00	103.00	95.30	88.90	142.00

» Drill Pipe



Friction welding drill pipe and adaptor are in accordance with API SPEC 5DP and SY/T5561-2008 Specifications. The steel grades are DZ50, R780, E75, G105, S135 that are after partly or overall heat treatment. The adaptor part adopts thermal refining to superior alloy steel 35CrMo or 4137 after thread hardening treatment and phosphating to better antiseize. It also can be produced upon customers' requirements. They are mainly used in water well drilling, dth drilling, geological drilling etc.

» Technical Parameters

Diameter		Length		Connection Thread	Wall Thickness	
mm	inch	mm	Foot		mm	inch
34	1.338	500-3000	1.64-9.85	As request	5-8	13/64-5/16
42	1.654	500-3000	1.64-9.85	As request	5-8	13/64-5/16
50	1.969	500-3000	1.64-9.85	As request	5-8	13/64-5/16
60	2 3/8	1,000-4,500	3 3/8 ~ 14 3/4	T42 × 10 × 2	5-8	13/64-5/16
73	2 7/8	1,000-4,500	3 3/8 ~ 14 3/4	API 2 3/8" REG	5-8	13/64-5/16
76	3	1,000-4,500	3 3/8 ~ 14 3/4	API 2 3/8" REG	5-8	13/64-5/16
89	3 1/2	1,000-7,620	3 3/8 ~ 25	API 2 3/8" REG/IF	5-12	13/64-15/32
102	4	1,000-9140	3 3/8 ~ 30	API 2 3/8" REG, API 2 7/8" IF, API 3 1/2" REG	6.5-20	1/4-25/32
108	4 1/4	1,000-9140	3 3/8 ~ 30	API 2 3/8" REG, API 2 7/8" IF, API 3 1/2" REG	6.5-20	1/4-25/32
114	4 1/2	1,000-10,670	3 3/8 ~ 35	API 2 7/8" IF, API 3 1/2" REG	6.5-20	1/4-25/32
127	5	1,000-10,670	3 3/8 ~ 35	API 3 1/2" REG	8-20	5/16-25/32
133	5 1/4	1,000-10,670	3 3/8 ~ 35	API 3 1/2" REG	8-20	5/16-25/32
140	5 1/2	1,000-10,670	3 3/8 ~ 35	API 3 1/2" REG	10-22	25/64-7/8
146	5 3/4	1,000-10,670	3 3/8 ~ 35	API 3 1/2" REG	10-22	25/64-7/8
152	6	1,000-10,670	3 3/8 ~ 35	API 4 1/2" REG	10-22	25/64-7/8

» Joint / Adaptor



» Technical Parameters

External Diameter (mm)	Internal Diameter (mm)	Cutting Opening (mm)	Connection Thread		Matching drilling pipe
			Pitch	Taper	
57	22	41	6	1: 5	42
65	28	46	6	1: 5	50
75	38	55	6	1: 5	60 External Upset
86	44.5	59	4	1: 6	60 External Upset
105	50.8	80	4	1: 6	73
121	68	98	4	1: 6	89
156	95	126	4	1: 6	114 External Upset 127 Internal Upset

» Tricone Drill Bit



» Cutting structure

The wear-resistance of teeth is enhanced with premium tungsten carbide hard facing on the tooth surfaces for steel tooth bit. The durability of premium tungsten carbide inserts is improved with new formulas and new techniques for insert bit.

» Gauge Structure

Multiple gauge protection with gauge trimmers on the heel and gauge inserts on the gauge surface of the cone, tungsten carbide inserts and hard facing on the shirrtail increases gauge holding capacity and bearing life.



» Bearing Structure

High precision journal bearing with two thrust faces, Balls lock the cone. Hardfaced head bearing surface. Cone bearing inlaid with friction-reducing alloy and then silver-plated. Abrasion resistance and seizure of the bearing are improved, and suitable for high rotary speed.

» Tricone Drill Bit

» Seal and Lubrication

The advanced metal seal package consists of two metal seals and two elastic energizers. Compressed energizers ensure good contact being kept on two sealing surfaces of metal rings by elastic force, and achieves the bearing seal. In the drilling, metal seals are relatively dynamic, and the energizers are static. This will improve the reliability and durability of bearing seal. The pressure compensator system and advanced grease can greatly increase the lubricating reliability.

» Product Application

It is suitable for downhole motor and high speed applications.

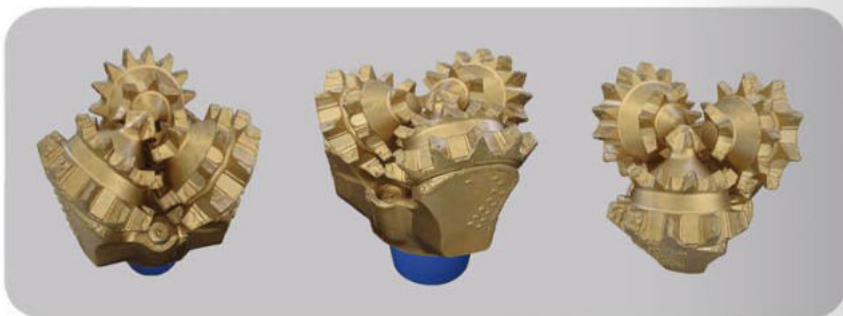
» Current Availability

Bit size		Bit type
In	Mm	
5 7/8	149.2	FJ517G、FJ527G、FJ537G、FJ547G、FJ617G
6	152.4	FJ517G、FJ527G、FJ537G、FJ547G、FJ617G
7 7/8	200.0	FJ517G、FJ27G、FJ547GY、FJ617GY、FJ627G、FJ637GY
8 1/2	215.9	FJT117GW、FJT127GW、FJT437GK、FJT517G、FJT537G、FJT617GY、FJT627G、FJT637GY
9 1/2	241.3	FJT117GW、FJT127GW、FJT437G、FJT517G、FJT537G、FJT547G、FJT617GY
12 1/4	311.1	FJT117GW、FJT127GW、FJT437G、FJT517G、FJT537G、FJT617GY、FJT627G、FJT637GY
14 3/4	374.7	FJT117G、WFJT127GW、FJT437GK、FJT517GK、FJT537GK、FJT547G
16	406.4	FJT117GW、FJT127GW、FJT437GK、FJT517GK、FJT537GK、FJT547G
17 1/2	444.5	FJT117GW、FJT127GW、FJT517G、FJT537G、FJT617GY、FJT627G、FJT37GY

» Recommended Drilling Parameters

IADC	WOB(kN/mm) (bit dia)	RPM (R/min)	Applicable Formations
117	0.35-0.8	240-80	Very soft with low compressive strength and high drillability, such as mudstone, clay and chalk, etc.
127	0.35-0.9	240-70	Soft with low compressive strength and high drillability, such as shale, clay, gypsum, mudstone, salt, and soft lime stone, chalk, etc.
437 447	0.35-0.9	240-70	Very soft with low compressive strength and high drillability, such as shale, clay, chalk, mudstone, gypsum, sandstone, soft limestone.
517 527	0.35-1.0	220-60	Soft with Low compressive strength and high drillability, such as mudstone, gypsum, salt, soft shale, soft limestone, etc.
537 547	0.45-1.0	220-50	Soft to medium with low compressive strength, such as medium soft shale, medium soft limestone, medium soft sandstone and medium formation with harder and abrasive interbeds, etc.
617 627	0.45-1.1	200-50	Medium hard with high compressive strength, such as limestone, hard shale, sandstone and dolomite, etc.
637	0.5-1.1	180-40	Hard formation with high compressive strength, such as limestone, dolomite, sandstone, hard gypsum, and marble, etc.

» Tricone Drill Bit



» Cutting Structure

The wear-resistance of teeth is enhanced with premium tungsten carbide hardfacing on the tooth surfaces.

» Bearing Structure

Non-sealed roller bearing. Drilling fluid can enter the bearing directly for cooling. Balls lock the cone. Which reduces the probability of cone-dropping to minimum.

» Product application

It is suitable for shallow well, water well and geothermal well.

» Current Availability

Bit Size		Bit Type
In	Mm	
4 1/4	107.9	FW131C FW321C
4 5/8	117.5	FW241C
4 3/4	120.6	FW241C
5 5/8	142.9	FW121 FW241 FW321
6	152.4	FW211
6 1/4	158.7	FW121 FW241 FW321
6 3/4	171.4	FW121 FW241 FW321
7 1/2	190.5	FW121
7 7/8	200.0	FW121 FW131 FW241 FW321
9 7/8	250.8	FW121 FW211 FW241 FW321
12 1/4	311.2	FW211

» Tricone Drill Bit



IADC	WOB (kN/mm) (bit dia.)	RPM (r/min)	Applicable Formations
111	0.3~0.75	200~80	Very soft formations with low compressive strength and high drillability, such as clay, mudstone, chalk, etc.
121	0.3~0.85	200~80	Soft formations with low compressive strength and high drillability, such as mudstone, gypsum, rock salt, soft shale, soft limestone, etc.
131	0.3~0.95	180~80	Soft to medium soft formations with low compressive strength and high drillability, such as medium soft shale, hard gypsum, medium soft limestone, medium soft sandstone, soft formation with harder interbeds, etc.
211	0.35~0.95	180~80	Medium formations with high compressive strength, such as medium soft shale, hard gypsum, medium soft limestone, medium soft sandstone, soft formation with harder interbeds, etc.
241	0.35~0.95	180~70	Medium hard formations with high compressive strength, such as abrasive shale, limestone, sandstone, dolomite, hard gypsum, marble etc.
321	0.4~1.0	150~70	Hard semi-abrasive formations with high compressive strength, such as abrasive shale, limestone, sandstone, dolomite, hard gypsum, marble etc.

» Anchor Drill Tools



» Anchor Drill Tools

Anchor bolt means a rod that transfers the structures or geotechnical load to a stable rock formations, if consists of rod, drill bit, coupling, plate, grouting stopper and nut. It has been widely used in tunneling, mining. Slope stabilization, tunnel diseases treatment and roof supporting of underground works. It is Suitable for loose grounds (clay, sand friable etc). Hollow anchor rod is made of seamless tube with high strength.



» Anchor Bolt



Self-Drilling Anchor Bolt

Item bodies drilling, grouting and anchoring as a whole.

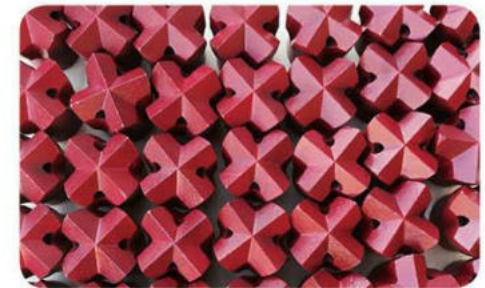
It has a wide specifications. Diameter: 25-130mm.

Quick and easy construction, high efficiency.

Used in various surrounding rocks.

	R25N	R32N	R32S	R38N	R51L	R51N	T76N	T76S
OD (mm)	25	32	32	38	51	51	76	76
ID(mm)	14	19	16	19	36	33	52	45
Ultimate load capacity(KN)	200	280	360	500	550	800	1600	1900
Yield load capacity(KN)	150	230	280	400	450	630	1200	1500
Tensile Strength,Rm(N/mm2)	800	800	800	800	800	800	800	800
Yield Strength,Rp0.2(N/mm2)	650	650	650	650	650	650	650	650
Weight(kg/m)	2.3	3.2	3.6	5.5	6.5	8	16	19.7
Thread type(left-hand)	ISO10208				ISO1720		MAIT76 Stdard	
Steel Grade	EN10083-1							

» Anchor Drill Bit



	R25N	R32N	R32S	R38N	R51L	R51N	T76N	T76S
Diameter (mm)	42,51	51,76,90		90,100,110,115,130			130,150,160,180,200	
EX	Hardened cross bit for loose to medium dense condition with samill boulders							
EXX	TC cross button bit for soft to medium rock for formations							
ES	hardened button bit for unonsoildated rock with boulders							
ESS	Button bit with TC inserts to medium rock for formations							
EC	hardened drill bit with optimized geomety for soft to medium rock formtions							
ECC	hardened cross bit for loose to medium dense ground conditions							
EY	TC drill bit for medium rock formation							
EYY	Casting clay bit optimized geometry for very soft to soft clay							
EW	Machined steel bit for casting steel bit							

» Anchor Plate



	R25N	R32N	R32S	R38N	R51L	R51N	T76N	T76S
Dimension(mm)	150X150	200X200	200X200	200X200	200X200	250X250	250X250	250X250
Thickness(mm)	8	10	12	12	30	40	40	40
Hole Diameter(mm)	30	35	35	41	60	80	80	80
Weight(kg/m)	1.4	3	3.7	3.6	8.8	18.5	18	18

» Anchor Coupling



	R25N	R32N	R32S	R38N	R51L	R51N	T76N	T76S
OD (mm)	35	42	42	52	63	63	95	95
Length (mm)	120	145	160/190	180	180	200	200	200
Weight(kg/m)	0.45	0.7	0.75	1.4	1.7	1.9	6.4	6.4

» Anchor Nut



	B25N	R32N	R32S	R38N	R51L	R51N	T76N	T76S
Key size(mm)	41	46	46	50	75	75	100	100
Length(mm)	35	45	45	55	70	70	80	80
Weight(mm)	0.25	0.35	0.35	0.5	4.55	4.55	3.6	3.6
Machined steel nut or Casting steel nut								

» T-Thread Anchor Bolt Technial Data

Bar Type	Outside Diameter(mm)	Inside Diameter(mm)	Cross Section(mm²)	Ultimate Load KN	Yield Point KN	Weight(Kg/m)	Thread Left/ right Hand
30/11	30	11	446	320	260	3.3	Left of right
30/14	30	14	395	280	220	2.9	Left of right
30/16	30	16	382	220	180	2.7	Left of right
40/16	40	16	879	660	525	7.0	Left of right
40/20	40	20	726	539	430	5.6	Left of right
52/26	52	26	1337	929	730	10.0	Left of right
73/53	73	53	1160	1630	970	12.3	Left of right
73/56	73	56	1094	1414	785	11.1	Left of right
73/45	73	45	2265	1630	1180	17.8	Left of right
103/78	103	78	3146	2282	1800	24.9	Left of right
103/51	103	51	5501	3460	2750	43.4	Left of right
130/60	130	60	9540	7940	5250	75.0	Left of right

» Water Well Drill Rig



XY-1A and XY-1B rig is increased general shift slide, based on the hydraulic chuck allows fast replacement tool to improve efficiency and reduce labor intensity.

Application:

1, the drilling rig is suitable for water well drilling, prospecting, geophysical exploration, roads and buildings and other exploration and blast hole drilling projects.

2, It can be chosen according to different alloy drill bit and PDC drill bits and so on.

3, It can drill 2-9 grade sandy clay and rock etc.

Main feature:

1, It has hydraulic automatic feed mechanism structure, improves drilling efficiency, reduces labor intensity.

2, It adapts the ball chunk mechanism instead of the card holder ,it can implement non-stop down the lever, easy to operate, safe and reliable.

3, Winch contains cage, forms a duplex structure supporting the star wheel, it can withstand strong impact.

4, Four groups of vertical box bearing retainer to ensure that the rotation has sufficient rigidity to deal with complicated geological conditions gravel layer, gravel layer, etc.

5, This machine adopts taper clutch national patent technology, it has transmission torque, easy operation, maintenance of the salient features.



» Water Well Drill Rig

Technical parameters	
Model	XY-1A
Max drill depth	180m
Hole diameter	φ 75- φ 150mm
End Hole diameter	75-46mm
Kelly diameter	53/59*4200mm
Drill rod diameter	φ 50、φ 42mm
Drill hole angle	90° ~ 75°
Power(Diesel engine)	13.2/2200kW/r/min
Weight of structure /size	955kg/2400*950*1400
Spindle	
Spindle speed	130、300、480、730、830、1045r/min
Spindle stroke	450mm
Winch	
Max lifting capacity	9.6kN
Single line lifting speed	0.35、0.8、1.29、1.96、2.23m/s
Roll dia	φ 140mm
Wire rope dia.	φ 9.3mm
Winch roll capacity	27m
Drill tower	
Rated load	2t
Useful Height	6m
Tower leg dimension	φ 73mm
Mud pump	
Item	BW95
Flow	95L/min
Max press	1.2Mpa
stroke	93T/min
Inlet tube dia.	φ 51mm*4.5m
Outlet tube dia.	φ 32mm*6m

Technical parameters	
Model	XY-1A
Max drill depth	200m
Hole diameter	φ 75- φ 300mm
End Hole diameter	75mm
Kelly diameter	53/59*4200mm
Drill rod diameter	φ 50、φ 60mm
Drill hole angle	90° ~ 75°
Power(Diesel engine)	15/2200kW/r/min
Weight of structure /size	1150kg/2700*950*1770
Spindle	
Spindle speed	64、128、287、557r/min
Spindle stroke	450mm
Winch	
Max lifting capacity	24kN
Single line lifting speed	0.12、0.22、0.49、0.95m/s
Roll dia	φ 140mm
Wire rope dia.	φ 13mm
Winch roll capacity	35m
Drill tower	
Rated load	5t
Useful Height	6m
Tower leg dimension	φ 89mm
Mud pump	
Item	BW145
Flow	145L/min
Max press	2Mpa
stroke	93T/min
Inlet tube dia.	φ 51mm*4.5m
Outlet tube dia.	φ 32mm*6m

YKDRILL
益矿科技
**FY多功能液压
水井钻车系列**

FY multifunctional hydraulic
well drilling car series



FY800履带式水井钻车

主要技术参数

整机重量 (T)	13
钻孔直径 (mm)	140-400
钻孔深度 (m)	700
一次性推进长度 (m)	6.6
行走速度 (Km/h)	2.5
单机爬坡能力 (Max.)	30
主机功率 (Kw)	150
工作气压 (Mpa)	1.7-3.5
耗气量 (m³/min)	17-42
钻杆直径 (mm)	Φ102 Φ108 Φ114
钻杆长度 (m)	1.5 2.0 3.0 6.0
提升力 (T)	30
回转速度 (rpm)	55-120
回转扭矩 (N.m)	8850-13150
外型尺寸 (mm)	6300×2300×2950



YKDRILL
益矿科技



FY600履带式水井钻机

主要技术参数

整机重量 (T)	12
钻孔直径 (mm)	140-350
钻孔深度 (m)	600
一次性推进长度 (m)	6.6
行走速度 (Km/h)	2.5
单机爬坡能力 (Max.)	30
主机功率 (Kw)	132
工作气压 (Mpa)	1.7-3.5
耗气量 (m³/min)	17-42
钻杆直径 (mm)	Φ102 Φ108 Φ114
钻杆长度 (m)	1.5 2.0 3.0 6.0
提升力 (T)	28
回转速度 (rpm)	45-115
回转扭矩 (N.m)	8500-11000
外型尺寸 (mm)	6200×2200×2950



FY多功能液压水井钻车系列

FY multifunctional hydraulic well drilling car series



FY500 履带式水井钻机

主要技术参数

整机重量 (T)	11.5	耗气量 (m³/min)	17-42
钻孔直径 (mm)	140-350	钻杆直径 (mm)	Φ102 Φ108 Φ114
钻孔深度 (m)	500	钻杆长度 (m)	1.5 2.0 3.0 6.0
一次性推进长度 (m)	6.6	提升力 (T)	26
行走速度 (Km/h)	2.5	回转速度 (rpm)	40-100
单机爬坡能力 (Max.)	30	回转扭矩 (N.m)	7500-10000
主机功率 (Kw)	118	外型尺寸 (mm)	6200×2200×2950
工作气压 (Mpa)	1.7-3.5		



FY400履带式水井钻车

适用范围：适用于工、民钻井、地温钻井，具有钻孔直径大、钻孔深、进尺快，灵活高效等优点。

主要技术参数

整机重量 (T)	10
钻孔直径 (mm)	140-350
钻孔深度 (m)	400
一次性推进长度 (m)	6.6
行走速度 (Km/h)	2.5
单机爬坡能力 (Max.)	30
主机功率 (Kw)	92
工作气压 (Mpa)	1.7-3.5
耗气量 (m³/min)	17-35
钻杆直径 (mm)	Φ89 Φ102 Φ108
钻杆长度 (m)	1.5 2.0 3.0 6.0
提升力 (T)	25
回转速度 (rpm)	45-115
回转扭矩 (N.m)	6500-9000
外型尺寸 (mm)	5900×2100×2850



FY多功能液压 水井钻车系列

FY multifunctional hydraulic
well drilling car series



FY350 履带式水井钻机

主要技术参数

整机重量 (T)	9
钻孔直径 (mm)	140-325
钻孔深度 (m)	350
一次性推进长度 (m)	6.6
行走速度 (Km/h)	2.5
单机爬坡能力 (Max.)	30
主机功率 (Kw)	84
工作气压 (Mpa)	1.7-3.3
耗气量 (m³/min)	17-35
钻杆直径 (mm)	Φ89 Φ102
钻杆长度 (m)	1.5 2.0 3.0 6.0
提升力 (T)	24
回转速度 (rpm)	55-115
回转扭矩 (N.m)	6200-8500
外型尺寸 (mm)	5900×2000×2850



FY300履带式水井钻机

主要技术参数

整机重量 (T)	7
钻孔直径 (mm)	140-325
钻孔深度 (m)	300
一次性推进长度 (m)	3.4
行走速度 (Km/h)	2.5
单机爬坡能力 (Max.)	30
主机功率 (Kw)	75.8
工作气压 (Mpa)	1.7-3.0
耗气量 (m³/min)	17-35
钻杆直径 (mm)	Φ76 Φ89 Φ102
钻杆长度 (m)	1.5 2.0 3.0
提升力 (T)	18
回转速度 (rpm)	40-70
回转扭矩 (N.m)	5700-7500
外型尺寸 (mm)	4100×1950×2600





FY200履带式水井钻机

适用范围：适用于工、民钻井、地温钻井，具有钻孔直径大、钻孔深、进尺快，灵活高效等优点。

主要技术参数

整机重量 (T)	5.8
钻孔直径 (mm)	140-305
钻孔深度 (m)	200
一次性推进长度 (m)	3.3
行走速度 (Km/h)	2.5
单机爬坡能力 (Max.)	30
主机功率 (Kw)	65-70
工作气压 (Mpa)	1.7-3.0
耗气量 (m³/min)	17-30
钻杆直径 (mm)	Φ76 Φ89
钻杆长度 (m)	1.5 2.0 3.0
提升力 (T)	15
回转速度 (rpm)	45-70
回转扭矩 (N.m)	3500-4800
外型尺寸 (mm)	4000×1750×2450



FY多功能液压 水井钻车系列

FY multifunctional hydraulic
well drilling car series

FYX200履带式水井钻机

适用范围：适用于工、民钻井、地温钻井，具有钻孔直径大、钻孔深、进尺快，灵活高效等优点。

主要技术参数

整机重量 (T)	5
钻孔直径 (mm)	140-203
钻孔深度 (m)	200
一次性推进长度 (m)	3.3
行走速度 (Km/h)	2.5
单机爬坡能力 (Max.)	30
主机功率 (Kw)	65
工作气压 (Mpa)	1.7-3.0
耗气量 (m³/min)	17-30
钻杆直径 (mm)	Φ76 Φ89
钻杆长度 (m)	1.5 2.0 3.0
提升力 (T)	13
回转速度 (rpm)	45-65
回转扭矩 (N.m)	3300-4700
外型尺寸 (mm)	3950×1700×2300





FY130自行式
(FY130-2)

FY130轮式液压水井钻机

适用范围：适用于工、民钻井、地温钻井，具有钻孔直径大、钻孔深、进尺快，灵活高效等优点。

主要技术参数	
整机重量 (T)	3
钻孔直径 (mm)	100-219
钻孔深度 (m)	130
一次性推进长度 (m)	2.3
行走速度 (Km/h)	3
单机爬坡能力 (Max.)	30
主机功率 (Kw)	23
工作气压 (Mpa)	1.45-2.5
耗气量 (m³/min)	15-29
钻杆直径 (mm)	Φ76 Φ89
钻杆长度 (m)	1.5 2.0
提升力 (T)	6
回转速度 (rpm)	40-65
回转扭矩 (N.m)	2200-3000
外型尺寸 (mm)	4000×1450×2050



KQZ200D水井钻机

适用范围：适用于工、民钻井、地温钻井，具有钻孔直径大、钻孔深、进尺快，移动灵活，适用地域广等优点。

主要技术参数	
钻孔直径(mm)	100-254
钻孔深度(m)	200
钻孔方向(°)	与地面成45-90°
钻具一次性推进长度(mm)	1800
电机动力(Kw)	11
钻具回转速度	52
使用气压(Mpa)	1.45-2.5
耗气量(m³/Min)	15-27
总重量(Kg)	1800

水井钻机

■ wellsrig

KQZ180D水井钻机

适用范围：适用于工、民钻井、地温钻井，具有钻孔直径大、钻孔深、进尺快，移动灵活，适用地域广等优点。

主要技术参数	
钻孔直径(mm)	100-219
钻孔深度(m)	150
钻孔方向(°)	与地面成45-90°
钻具一次性推进长度(mm)	1800
电机动力(Kw)	7.5
钻具回转速度	0-62
使用气压(Mpa)	0.8-2.1
耗气量(m³/Min)	13-21
总重量(Kg)	1000





FYL200车载式水井钻车

适用范围：适用于工、民钻井、地温钻井，具有钻孔直径大、钻孔深、进尺快，灵活高效等优点。

主要技术参数

整机重量 (T)	5
钻孔直径 (mm)	140-203
钻孔深度 (m)	200
一次性推进长度 (m)	3.3
行走速度 (Km/h)	2.5
单机爬坡能力 (Max.)	30
主机功率 (Kw)	65
工作气压 (Mpa)	1.7-3.0
耗气量 (m³/min)	17-30
钻杆直径 (mm)	Φ76 Φ89
钻杆长度 (m)	1.5 2.0 3.0
提升力 (T)	13
回转速度 (rpm)	45-65
回转扭矩 (N.m)	3300-4700
外型尺寸 (mm)	3950×1700×2300



**FY多功能液压
水井钻车系列**

FY multifunctional hydraulic
well drilling car series

FYX180履带式水井钻车

主要技术参数

整机重量 (T)	4.5	耗气量 (m³/min)	17-31
钻孔直径 (mm)	140-254	钻杆直径 (mm)	Φ76 Φ89
钻孔深度 (m)	180	钻杆长度 (m)	1.5 2.0 3.0
一次性推进长度 (m)	3.3	提升力 (T)	12
行走速度 (Km/h)	2.5	回转速度 (rpm)	45-65
单机爬坡能力 (Max.)	30	回转扭矩 (N.m)	3200-4600
主机功率 (Kw)	55	外型尺寸 (mm)	3800×1500×2200
工作气压 (Mpa)	1.7-2.5		



工程钻机系列

The engineering drilling machine series



KQZ100-2型潜孔钻机

使用范围：该电动潜孔钻机适用于钻井和工程施工，最适合于工程爆破孔及通风孔，进尺快，效率高。

主要技术参数

钻孔直径 (mm)	80-150
钻孔深度(m)	30-60
钻孔方向(°)	与地面成45-85
钻具一次性推进长度(mm)	1000
电机动力(Kw)	≥2.2 3.0 4.0 5.5
钻具回转速度	0-78
使用气压(mpa)	0.5-1.45
耗气量(m³/min)	6-12
总重量(kg)	230

FY100潜孔钻机

适用范围：适用于露天矿山开采、水利、筑路等石方工程爆破孔的凿岩，具有进尺速度快，移动灵活，操作方便等特点。

主要技术参数

整机重量 (T)	3.18
外型尺寸 (mm)	4650×1900×2600
钻孔直径 (mm)	90-130
钻孔深度(m)	20
一次性推进长度(mm)	2000
行走速度 (Km/h)	3
单机爬坡能力 (Max.)	30
最小离地间隙 (mm)	30
工作气压 (Mpa)	0.7-1.5
耗气量 (m³/min)	7-13
主机功率 (Kw)	37
回转速度 (rpm)	0-100
回转扭矩 (N.m)	970



FY120潜孔钻机

适用范围：适用于露天矿山开采、水利、筑路等石方工程爆破孔的凿岩，具有进尺速度快，移动灵活，操作方便等特点。

主要技术参数

整机重量 (T)	5.29
外型尺寸 (mm)	5100×26000×2550
钻孔直径 (mm)	90-130
钻孔深度(m)	30
一次性推进长度(mm)	3000
行走速度 (Km/h)	3
单机爬坡能力 (Max.)	30
最小离地间隙 (mm)	30
工作气压 (Mpa)	0.7-2
耗气量 (m³/min)	8-20
主机功率 (Kw)	75
回转速度 (rpm)	0-80
回转扭矩 (N.m)	1970



FY200打桩机

适用范围：适用于光伏工程、太阳能底座、打桩、工程爆破钻孔，具有一机两用、扭矩大、打桩快，灵活高效等优点。

主要技术参数

整机重量 (T)	4.5
外型尺寸 (mm)	3200×1800×2600
钻孔深度(m)	180
一次性推进长度(mm)	2000
行走速度 (Km/h)	2
单机爬坡能力 (Max.)	30
最小离地间隙 (mm)	250
俯仰角度 (Max)	0-90
钻臂左右摆动角度 (Max)	0-25
主机功率 (Kw)	65
回转速度 (rpm)	40-72
回转扭矩 (N.m)	450-8500
滑架补偿距离(mm)	850



钻杆



高低压冲击器



高低压钻头

拔管机及跟管配件

With tube machine
and accessories



FY150拔管机