

COSTON DRILL TRENCHLESS DT SERIES
PRODUCT CATALOGUE



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TRENCHLESS TOOLS DT SERIES

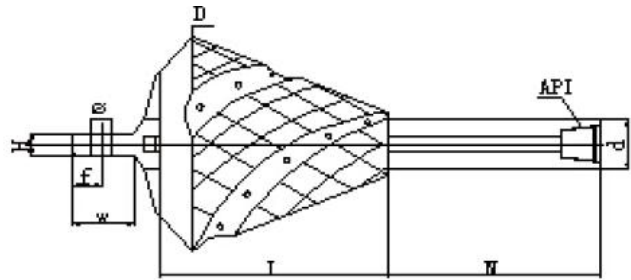
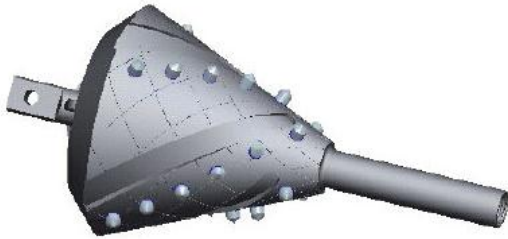
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The following technical units to metric size: mm

The weight unit measuring is : Kg



Direct flow type reamer (一)

TYPE	D	L	N	W	f	H	ϕ	d	API	Kg
KTK60L	200	250	350	100	48	30	32	70	60/1"5	32
KTK60L	250	280	370	100	48	30	32	70	60/1"5	43
KTK60L	300	330	380	100	48	30	32	70	60/1"5	67
KTK60L	400	420	400	100	48	30	32	70	60/1"5	120
KTK60L	500	520	400	100	48	30	32	70	60/1"5	150
KTK60L	600	620	400	100	48	30	32	70	60/1"5	192
KTK60L	700	710	400	100	48	30	32	70	60/1"5	260
KTK60L	800	810	400	100	48	30	32	70	60/1"5	320

Notice: the Model above which can be used for less than 25 tons horizontal drilling machine used

Direct flow type reamer (二)

TYPE	D	L	N	W	f	H	ϕ	d	API	Kg
KTK73L	250	280	380	115	55	40	42	82	NC23	46
KTK73L	300	330	380	115	55	40	42	82	NC23	71
KTK73L	400	420	400	115	55	40	42	82	NC23	125
KTK73L	500	520	400	115	55	40	42	82	NC23	156
KTK73L	600	620	400	115	55	40	42	82	NC23	198
KTK73L	700	710	400	115	55	40	42	82	NC23	270
KTK73L	800	810	≥ 400	115	55	40	42	82	NC23	330
KTK73L	900	930	≥ 400	115	55	40	42	82	NC23	330

Notice: the Model above which can be used for less than 35 tons horizontal drilling machine used

Direct flow type reamer (三)

TYPE	D	L	N	W	f	H	φ	d	API	Kg
KTK73L-Z-II	300	330	380	115	55	40	42	92	NC26	82
KTK73L-Z-II	400	420	400	115	55	40	42	92	NC26	141
KTK73L-Z-II	500	520	400	115	55	40	42	92	NC26	170
KTK73L-Z-II	600	620	400	115	55	40	42	92	NC26	219
KTK73L-Z-II	700	710	400	115	55	40	42	92	NC26	290
KTK73L-Z-II	800	810	400	115	55	40	42	92	NC26	333
KTK73L-Z-II	900	930	400	115	55	40	42	92	NC26	351
KTK73L-Z-II	1000	1080	400	115	55	40	42	92	NC26	358

Notice: the Model above which can be used for less than 40tons horizontal drilling machine used

Direct flow type reamer (四)

TYPE	D	L	N	W	f	H	φ	d	API	Kg
KTK89L	300	330	380	130	70	50	52	105	NC31	85
KTK89L	400	420	400	130	70	50	52	105	NC31	145
KTK89L	500	520	400	130	70	50	52	105	NC31	173
KTK89L	600	620	400	130	70	50	52	105	NC31	225
KTK89L	700	710	400	130	70	50	52	105	NC31	298
KTK89L	800	810	≥400	130	70	50	52	105	NC31	339
KTK89L	900	930	≥400	130	70	50	52	105	NC31	358
KTK89L	1000	1080	≥400	130	70	50	52	105	NC31	365

Notice: the Model above which can be used for less than 60tons horizontal drilling machine used

Direct flow type reamer (五)

TYPE	D	L	N	W	f	H	φ	d	API	Kg
KTK73L.C	300	330	380	115	55	40	42	92	K55/1"3.5	82
KTK73L.C	400	420	400	115	55	40	42	92	K55/1"3.5	141
KTK73L.C	500	520	400	115	55	40	42	92	K55/1"3.5	170

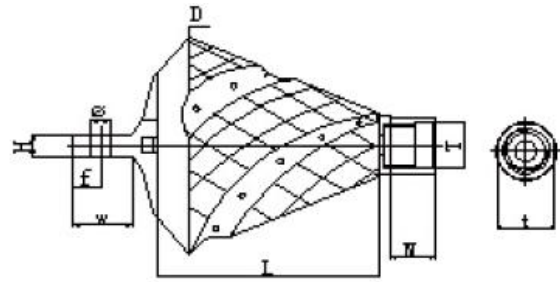
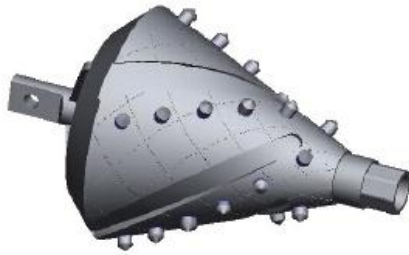
KTK73L.C	600	620	400	115	55	40	42	92	K55/1“3.5	219
KTK73L.C	700	710	400	115	55	40	42	92	K55/1“3.5	290
KTK73L.C	800	810	400	115	55	40	42	92	K55/1“3.5	333
KTK73L.C	900	930	400	115	55	40	42	92	K55/1“3.5	351

Notice: the Model above which can be used for less than 50tons horizontal drilling machine used

Direct flow type reamer (六)

TYPE	D	L	N	W	f	H	φ	d	API	Kg
KTK89L.C	300	330	380	130	70	50	52	112	K130/1“3.5	71
KTK89L.C	400	420	400	130	70	50	52	112	K130/1“3.5	125
KTK89L.C	500	520	400	130	70	50	52	112	K130/1“3.5	156
KTK89L.C	600	620	400	130	70	50	52	112	K130/1“3.5	198
KTK89L.C	700	710	400	130	70	50	52	112	K130/1“3.5	270
KTK89L.C	800	810	≥400	130	70	50	52	112	K130/1“3.5	330
KTK89L.C	900	930	≥400	130	70	50	52	112	K130/1“3.5	330
KTK89L.C	1000	1080	≥400	130	70	50	52	112	K130/1“3.5	365

Notice: the Model above which can be used for less than 60tons horizontal drilling machine used


Eight connection port type reamer (一)

TYPE	D	L	N	W	f	H	ϕ	t	T tooth tattoo	Kg
KTK60L-B70	200	250	60	100	48	30	32	70	50×6	25
KTK60L-B70	250	280	60	100	48	30	32	70	50×6	35
KTK60L-B70	300	330	60	100	48	30	32	70	50×6	48
KTK60L-B70	400	420	60	100	48	30	32	70	50×6	85
KTK60L-B70	500	520	60	100	48	30	32	70	50×6	125
KTK60L-B70	600	620	60	100	48	30	32	70	50×6	170
KTK60L-B70	700	710	60	100	48	30	32	70	50×6	245
KTK60L-B70	800	810	60	100	48	30	32	70	50×6	320

Eight connection port type reamer (二)

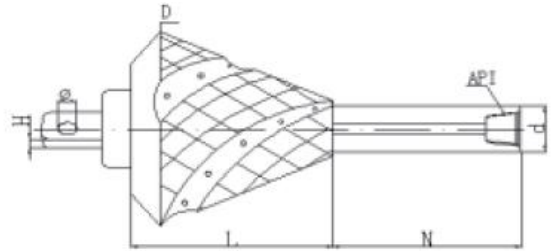
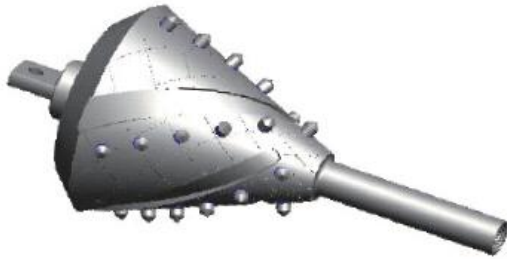
TYPE	D	L	N	W	f	H	ϕ	t	T tooth tattoo	Kg
KTK73L-B90	250	280	70	110	55	40	42	92	72×6	35
KTK73L-B90	300	330	70	110	55	40	42	92	72×6	56
KTK73L-B90	400	420	70	110	55	40	42	92	72×6	98
KTK73L-B90	500	520	70	110	55	40	42	92	72×6	135
KTK73L-B90	600	620	70	110	55	40	42	92	72×6	185
KTK73L-B90	700	710	70	110	55	40	42	92	72×6	260
KTK73L-B90	800	810	70	110	55	40	42	92	72×6	365
KTK73L-B90	900	930	70	110	55	40	42	92	72×6	325

Notice: the Model above which can be used for less than 20tons horizontal drilling machine used, it is connected with drill pipe and it should be equipped with discharge and eight sets to use at the same time.

Eight connection port type reamer (三)

TYPE	D	L	N	W	f	H	φ	t	T tooth tattoo	Kg
KTK73L-B92	250	280	70	110	55	40	42	92	72×6	35
KTK73L-B92	300	330	70	110	55	40	42	92	72×6	60
KTK73L-B92	400	420	70	110	55	40	42	92	72×6	102
KTK73L-B92	500	520	70	110	55	40	42	92	72×6	142
KTK73L-B92	600	620	70	110	55	40	42	92	72×6	189
KTK73L-B92	700	710	70	110	55	40	42	92	72×6	265
KTK73L-B92	800	810	70	110	55	40	42	92	72×6	372
KTK73L-B92	900	930	70	110	55	40	42	92	72×6	365

Notice: the Model above which can be used for less than 20tons horizontal drilling machine used, it must be with unloading and torque set systems to use.


Direct flow swivel port type reamer (一)

TYPE	D	L	N	H	ϕ	d	Swivel load	API	Kg
KTK60L-Z-FD	200	250	350	30	32	70	20-25T	60/1"5 牙	32
KTK60L-Z-FD	250	280	370	30	32	70	20-25T	60/1"5 牙	43
KTK60L-Z-FD	300	330	380	30	32	70	20-25T	60/1"5 牙	67
KTK60L-Z-FD	400	420	400	30	32	70	20-25T	60/1"5 牙	120
KTK60L-Z-FD	500	520	400	30	32	70	20-25T	60/1"5 牙	150
KTK60L-Z-FD	600	620	400	30	32	70	20-25T	60/1"5 牙	192
KTK60L-Z-FD	700	710	400	30	32	70	20-25T	60/1"5 牙	260
KTK60L-Z-FD	800	810	400	30	32	70	20-25T	60/1"5 牙	320

Notice: the Model above which can be used for less than 25tons horizontal drilling machine used

Direct flow swivel port type reamer (二)

TYPE	D	L	N	H	ϕ	d	Swivel load	API	Kg
KTK73L-Z-FD- I	250	280	380	40	42	82	35T	NC23	46
KTK73L-Z-FD- I	300	330	380	40	42	82	35T	NC23	71
KTK73L-Z-FD- I	400	420	400	40	42	82	35T	NC23	125
KTK73L-Z-FD- I	500	520	400	40	42	82	35T	NC23	156
KTK73L-Z-FD- I	600	620	400	40	42	82	35T	NC23	198
KTK73L-Z-FD- I	700	710	400	40	42	82	35T	NC23	270
KTK73L-Z-FD- I	800	810	≥ 400	40	42	82	35T	NC23	330
KTK73L-Z-FD- I	900	930	≥ 400	40	42	82	35T	NC23	330

Direct flow swivel port type reamer (三)

TYPE	D	L	N	H	ϕ	d	Swivel load	API	Kg
KTK73L.r×W	250	280	380	40	42	92	40T	NC26	58
KTK73L.r×W	300	330	380	40	42	92	40T	NC26	85
KTK73L.r×W	400	420	400	40	42	92	40T	NC26	146
KTK73L.r×W	500	520	400	40	42	92	40T	NC26	176
KTK73L.r×W	600	620	400	40	42	92	40T	NC26	223
KTK73L.r×W	700	710	400	40	42	92	40T	NC26	297
KTK73L.r×W	800	810	≥400	40	42	92	40T	NC26	342
KTK73L.r×W	900	930	≥400	40	42	92	40T	NC26	358

Direct flow swivel port type reamer (四)

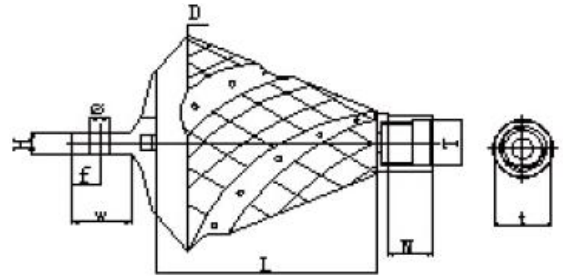
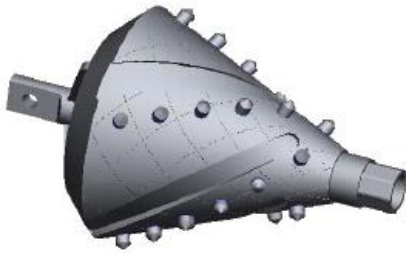
TPPE	D	L	N	H	ϕ	d	Swivel load	API	Kg
KTK89L-ZFD- I	300	330	400	65	61	105	60T	NC31	
KTK89L-ZFD- I	400	420	400	65	61	105	60T	NC31	
KTK89L-ZFD- I	500	520	400	65	61	105	60T	NC31	
KTK89L-ZFD- I	600	620	400	65	61	105	60T	NC31	
KTK89L-ZFD- I	700	710	400	65	61	105	60T	NC31	
KTK89L-ZFD- I	800	810	≥400	65	61	105	60T	NC31	
KTK89L-ZFD- I	900	930	≥400	65	61	105	60T	NC31	
KTK89L-ZFD- I	1000	1080	≤400	65	61	105	60T	NC31	

Direct flow swivel port type reamer (五)

type	D	L	N	H	ϕ	t	Swivel load	T tooth tattoo	Kg
KTK73L-Z-FD- III	250	280	380	65	61	92	50T	D55/1"3.5	58
KTK73L-Z-FD- III	300	330	380	65	61	92	50T	D55/1"3.5	85
KTK73L-Z-FD- III	400	420	400	65	61	92	50T	D55/1"3.5	146
KTK73L-Z-FD- III	500	520	400	65	61	92	50T	D55/1"3.5	176
KTK73L-Z-FD- III	600	620	400	65	61	92	50T	D55/1"3.5	223
KTK73L-Z-FD- III	700	710	400	65	61	92	50T	D55/1"3.5	297
KTK73L-Z-FD- III	800	810	400	65	61	92	50T	D55/1"3.5	342
KTK73L-Z-FD- III	900	930	400	65	61	92	50T	D55/1"3.5	358

Direct flow swivel port type reamer (六)

type	D	L	N	H	ϕ	d	Swivel load	API	Kg
KTK89L-ZFD- II	300	330	400	65	61	112	60T	D130/1"3.5	
KTK89L-ZFD- II	400	420	400	65	61	112	60T	D130/1"3.5	
KTK89L-ZFD- II	500	520	400	65	61	112	60T	D130/1"3.5	
KTK89L-ZFD- II	600	620	400	65	61	112	60T	D130/1"3.5	
KTK89L-ZFD- II	700	710	400	65	61	112	60T	D130/1"3.5	
KTK89L-ZFD- II	800	810	400	65	61	112	60T	D130/1"3.5	
KTK89L-ZFD- II	900	930	400	65	61	112	60T	D130/1"3.5	
KTK89L-ZFD- II	1000	1080	400	65	61	112	60T	D130/1"3.5	


Eight side connection with swivel port type reamer (一)

TYPE	D	L	N	H	φ	t	Swivel load	T tooth tattoo	Kg
KTK60L-B70W	200	250	60	30	32	70	20-25T	50×6	25
KTK60L-B70×W	250	280	60	30	32	70	20-25T	50×6	35
KTK60L-B70×W	300	330	60	30	32	70	20-25T	50×6	48
KTK60L-B70×W	400	420	60	30	32	70	20-25T	50×6	85
KTK60L-B70×W	500	520	60	30	32	70	20-25T	50×6	125
KTK60L-B70×W	600	620	60	30	32	70	20-25T	50×6	170
KTK60L-B70×W	700	710	60	30	32	70	20-25T	50×6	245
KTK60L-B70×W	800	810	60	30	32	70	20-25T	50×6	320

Eight side connection with swivel port type reamer (二)

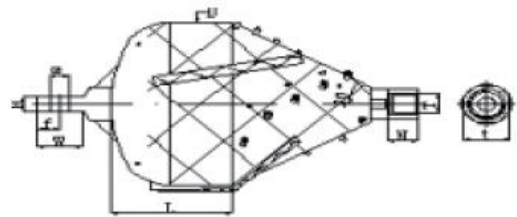
TYPE	D	L	N	H	φ	t	Swivel load	T tooth tattoo	Kg
KTK73L-B90FD	250	280	70	40	42	90	35T	65×5	30
KTK73L-B90FD	300	330	70	40	42	90	35T	65×5	56
KTK73L-B90FD	400	420	70	40	42	90	35T	65×5	98
KTK73L-B90FD	500	520	70	40	42	90	35T	65×5	135
KTK73L-B90FD	600	620	70	40	42	90	35T	65×5	185
KTK73L-B90FD	700	710	70	40	42	90	35T	65×5	260
KTK73L-B90FD	800	810	70	40	42	90	35T	65×5	365
KTK73L-B90FD	900	930	70	40	42	90	35T	65×5	325

Notice: the Model above which can be used for less than 35tons horizontal drilling machine used, it is connected with drill pipe and it should be equipped with discharge and eight sets to use at the same time.

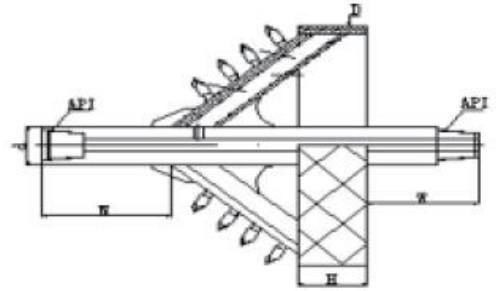
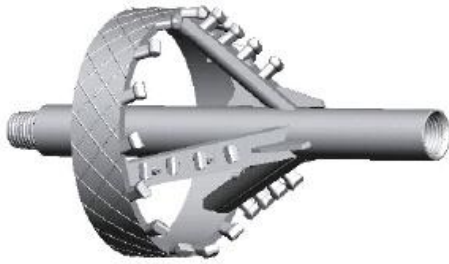
Eight side connection with swivel port type reamer (三)

TYPE	D	L	N	H	ϕ	t	Swivel load	T tooth tattoo	Kg
KTK73L-B92FD	250	280	70	40	42	90	35T	72×6	35
KTK73L-B92FD	300	330	70	40	42	90	35T	72×6	60
KTK73L-B92FD	400	420	70	40	42	90	35T	72×6	102
KTK73L-B92FD	500	520	70	40	42	90	35T	72×6	142
KTK73L-B92FD	600	620	70	40	42	90	35T	72×6	189
KTK73L-B92FD	700	710	70	40	42	90	35T	72×6	265
KTK73L-B92FD	800	810	70	40	42	90	35T	72×6	372
KTK73L-B92FD	900	930	70	40	42	90	35T	72×6	325

Notice: the Model above which can be used for less than 35tons horizontal drilling machine used, it is connected with drill pipe and it should be equipped with discharge and eight sets to use at the same time.

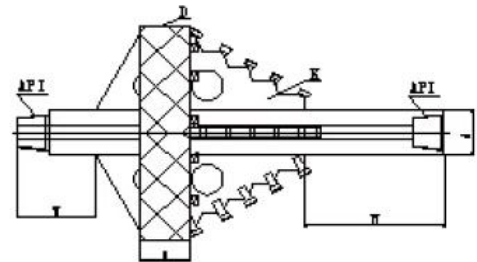
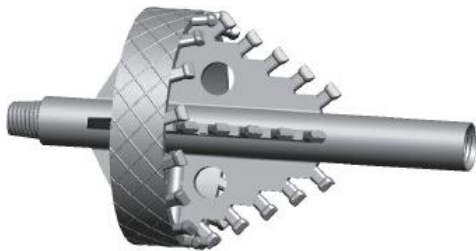

Expanding type reamer

TYPE	D	L	N	W	f	H	ϕ	t	T tooth tattoo	Kg
KTK60J-B70	300-600	166-480	60	110	48	30	32	70	50×5	55-125
KTK73-B90	300-1000		70	110	55	40	42	90	65×5	60-308
KTK73L-B92	300-1000		70	110	55	40	42	92	72×5	60-308


Rotary type reamer

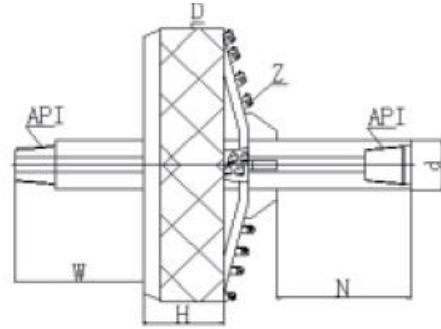
TYPE	D	H	W	N	d	API	Kg
KTK60X	400-800	80-150	≥260	≥380	72	K60-K33	
KTK73X	400-900	80-160	≥280	≥380	82	NC23-NC26	
KTK89X	400-900	100-160	≥280	≥380	105	NC31-K120	
KTK102X	400-1000	100-160	≥300	≥400	120	NC130	
KTK114X	400-1000	120-180	≥330	≥400	127	NC38	

Notice: this product is suitable for soft geological, torque force is small, applicable to small tonnage of large mechanical drilling machine.


Plate type reamer

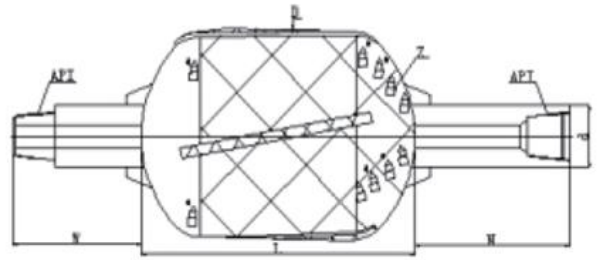
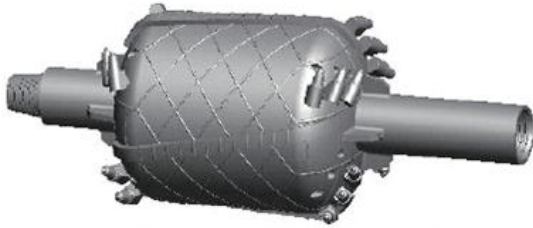
TYPE	D	d	W	H	N	K	API	Kg
KTK73B	300-1500	82-215	320-400	80-250	350-450	3-5	NC23	
KTK73B-2							NC26	
KTK89B							NC31	
KTK102B							NC31	
KTK114B							NC38	
KTK127B							NC50	
KTK140B							51/2FH	
KTK176B							65/8FH	

Notice: this Plate type reamer is used for a hard soil layer, but in the operation process you should be matched with the barrel type reamer.


Whirl type reamer

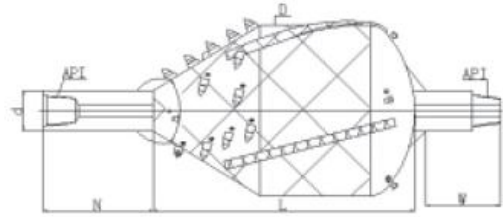
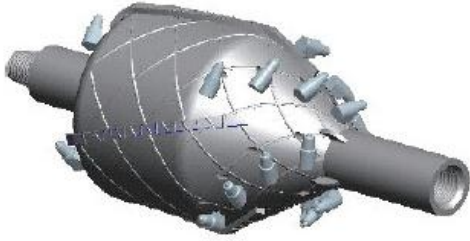
型号规格 TYPE	D	H	W	N	d	Z	API
KTK102F	400-1500	80-250	280-380	380-450	105-215	圆柱刀	NC31
KTK114F						Cylindrical cutter	NC38
KTK127F						方形刀	MC50
KTK140F						Square knife	51/2FH
KTK176F						一字刀	65/8FH
						Work knife	
						截齿刀	
						Cutter tooth knife	
						任你选	
						Choose one of it which you like	

Notice: this kind of reamer are suitable for a hard soil layer, but with black hole opener.


Black hole opener

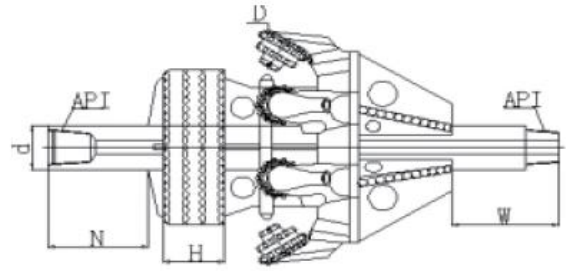
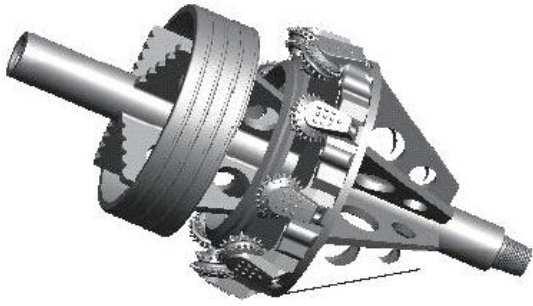
TYPE	D	L	N	W	d	Z	API
KTK60Q	300-900	350-1280	350-400	≈260	78	Cylindrical cutter , Work knife, Cutter tooth knife, Choose one of it which you like	60/1"5
KTK73Q	300-1000	350-1370	380-400	≈280	82		NC23
KTK73Q-2	300-1000	355-1380	≈400	≈320	90		NC26
KTK89Q	300-1100	360-1500	≈400	≈350	105		NC31
KTK114Q	300-1200	370-1600	≈400	≈380	127		NC38
KTK127Q	400-1300	480-1780	≈400	≈400	165		NC50
KTK140Q	400-1400	550-1800	≈450	≈400	186		51/2FH
KTK176Q	400-1500	580-1890	450-500	≈420	210		65/8FH

Notice: before pulling, please use the black hole opener to clean up, to ensure the holes open, make the pipe can go through.


barrel type reamer

TYPE	D	L	N	W	d	Z	API
KTK60T	300-900	350-1280	350-400	≈260	78	Cylindrical cutter, Work knife, Cutter tooth knife, Choose one of it which you like	60/1"5
KTK73T	300-1000	350-1370	380-400	≈280	82		NC23
KTK73T.r	300-1000	355-1380	≈400	≈320	90		NC26
KTK89T	300-1100	360-1500	≈400	≈350	105		NC31
KTK114T	300-1200	370-1600	≈400	≈380	127		NC38
KTK127T	400-1300	480-1780	≈400	≈400	165		NC50
KTK140T	400-1400	550-1800	≈450	≈400	165		51/2FH
KTK176T	400-1500	580-1890	450-500	≈420	210		65/8FH

Notice: It is suitable for soft soil, soft soil layer can be used single barrel type reamer, the hole cleaning steps are omitted.



Rock reamer

TYPE	D	H	N	W	d	C	Z	API
KTK102Y	350-1000	200	300-450	280-480	105-215	Gear milling cone drill bit	Insert rock drill bit	NC31
KTK114Y								NC38
KTK127Y								NC50
KTK140Y								51/2FH
KTK176Y								65/8FH

To choice the various cutting blade for reamer configuration



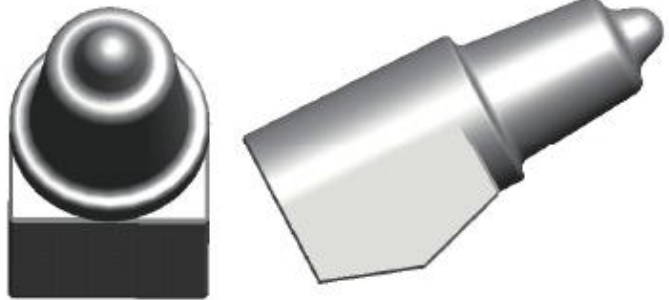
Square one word knife



square head knife



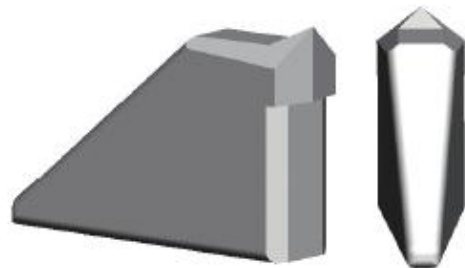
Cylindrical cutter



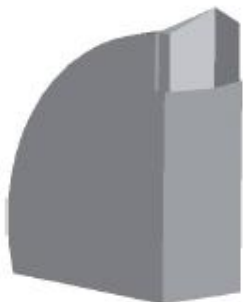
Cutter tooth knife



Cylindrical work knife



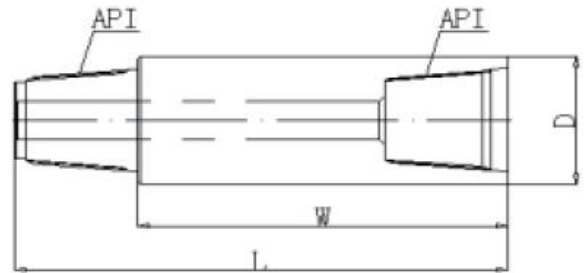
Shark tooth knife



Crescent knife



cone


sub saver

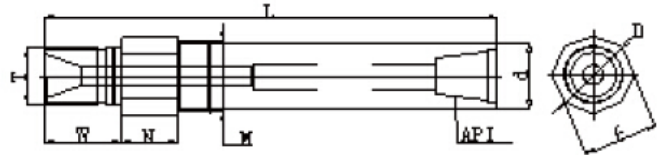
TYPE	D	L	W	taper	API	Kg
KTBJ60	82	250	180	1: 6	60/1"5	5
KTBJ73	86	280	195	1: 6	NC23	7.5
KTBJ73.r	90	280	202	1: 6	NC26	9.5
KTBJ89	105	320	220	1: 6	NC31	26
KTBJ114	127	350	248	1: 6	NC38	38
KTBJ127	165	458	330	1: 6	NC50	43
KTBJ140	184	478	350	1: 6	5/12HF	68
KTBJ176	210	500	380	1: 6	65/8HF	78
KTK24	68	550	180	1: 6	1"4.5	4.2
KTK33	70	230	190	1: 6	1"3.5	4.8
KTK50	83	250	200	1: 6	1"3.5	5.4
KTK55	93	250	200	1: 6	1"3.5	10.6
KTK130×150	112	280	220	1: 6	1"3.5	32
KTK80×100	98	320	200	1: 6	1"4	11.8
KTK120×100	105	320	200	1: 6	1"4	26
KTJT1720	58	320	180	1: 8	1"6	3.5
KTJT2720	70	220	180	1: 6	1"4	4.8
KTJT4020	100	250	200	1: 8	1"4	25
KTJT7020	133	280	220	1: 8	1"4	46

Notice: the commonly used types, we can be customized for clients of various specifications, the protection of the screw thread joint.


joint lever

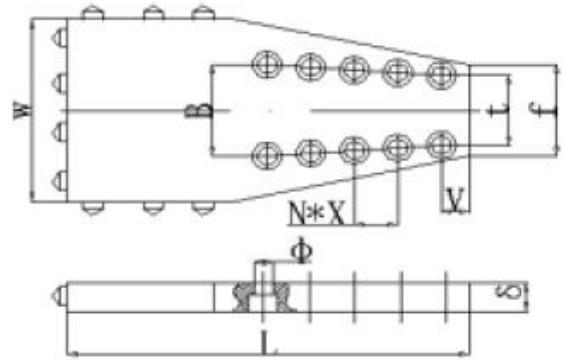
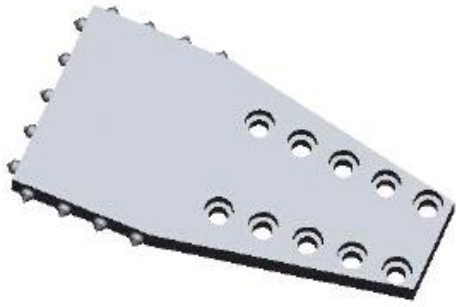
TYPE	D	L	W	N	f	d	T	API	Kg
KTBX60-B70	75.5	500	55	60	70	67	50×6	60/1"5 牙	12
KTBX73-B90	97	500	95	70	90	81	65×5	NC23	16

Notice: It used with eight sets of supporting, this one didn't have a left-handed nut.

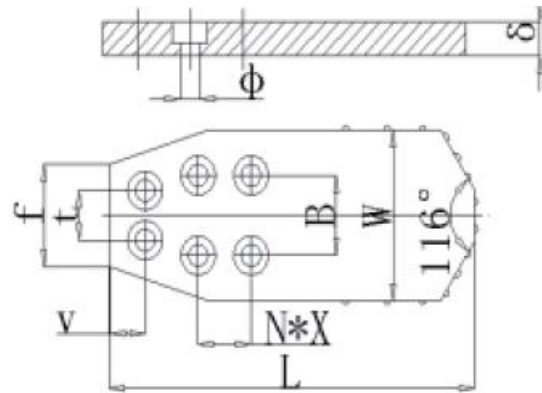
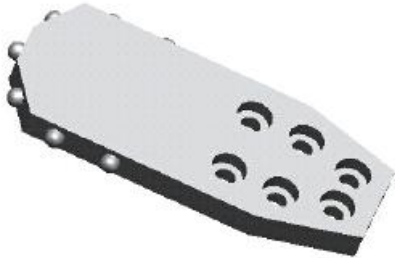

joint lever

TYPE	K	L	W	N	f	K	left-handed nut	T	API	Kg
KTBX73-B92	98	560	95	70	92	81	90×2.5	72	NC23	22
KTBX73r-B92	98	600	95	70	92	87	90×2.5	72	NC26	27
KTBX89-B115	123	768	107	70	115	103	110×3	85	NC31	34

Notice: It used with eight sets of supporting, this one have a left-handed nut.

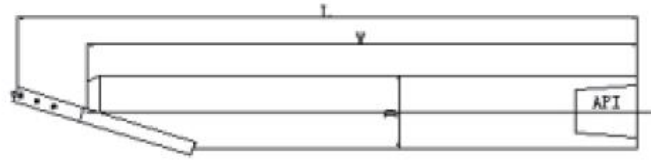

Guide plate

type	L	W	δ	f	B	t	N×X	V	ϕ	Kg
KTKB73B	270	140	22	75	48	48	45×2	25	13	8.2
KTKB89B	320	160	25	90	64	53	45×3	25	13	11
KTKB114B	345	175	30	110	75	75	45×3	25	15	13
KTKB127B	440	220	35	120	110	84	50×4	25	21	18

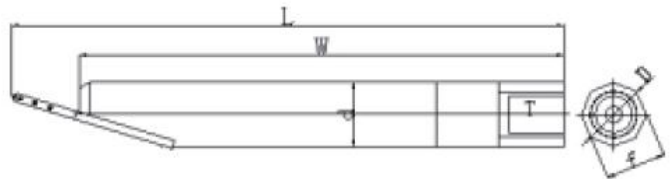

导向板: Guide plate

type	L	W	δ	f	B	t	N×X	V	ϕ	Kg
KTKB60A	240	100	20	60	47	29	35×2	23	13	3.5
KTKB73A	270	140	22	75	48	48	45×2	25	13	7.8
KTKB89A	320	160	25	90	64	53	45×3	25	13	9
KTKB114A	345	175	30	110	75	75	45×3	25	15	12
KTKB127A	440	220	35	120	110	84	50×4	25	21	16

Notice: it can be customized according to customer demand.


the direct connect guide drill bit

type	K	L	W	the width of Guide plate	API	Kg
KTKZ60	80	830	700	100	60/1"5	26
KTKZ73	86	865	730	140	NC23	32
KTKZ73r	90	865	740	150	NC26	36
KTKZ89	105	1215	1075	160	NC31	68
KTKZ114	127	1286	1135	175	NC38	96
KTKZ127	165	1386	1211	220	NC50	190


Eight party connect guide drill bit

type	K	L	W	K	f	the width of Guide	T	Kg
KTKZ60-B70	80	830	665	75	70	100	50×6	26
KTKZ73-B90	86	850	730	97	90	140	65×6	32
KTKZ73-B92	86	850	730	98	92	140	72×6	31.5

Notice: it must be use eight party connection guide drill joint lever and torque.

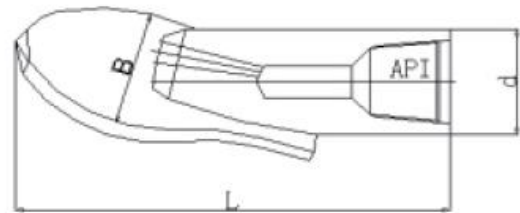


No magnetic driven signal apparatus storehouse

type	length	OD	The signal instrument specifications	API	Kg
KTKZ114/FC	1525	165	φ31.8×612	NC50	125
KTKZ127/FC	1577	130	φ31.8×612	NC38	187

1.Non-magnetic guidance signal instrument storehouse, also calls the non-magnetic drill bit, one side drill pipe end connection, the other side can join the mud motor, combined with three roller use, suitable for rock orientation class.

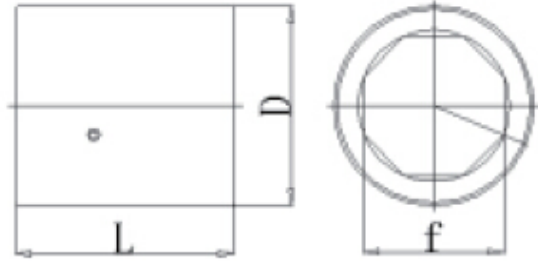
2.It is suitable for hard soil, without using rock drill and inclined guide head, guide plate.



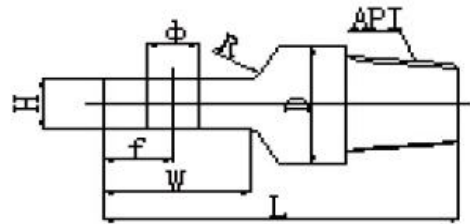
No magnetic drill guide bit

type	L	d	B	API	Kg
KTKZ114/FC	650	130	200	NC38	55
KTKZ127/FC	665	165	250	NC50	77.5

This kind of guide bit is in direct connection signal apparatus storehouse, don't need a mud motor matching.

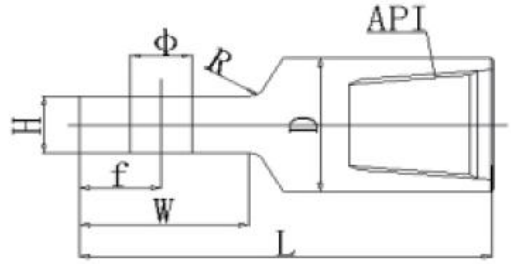

The torque set

type	D	L	f	kg
KTNT60-B70	98	120	70	4
KTNT73-B90	128	140	90	6.5
KTNT73-B92	128	140	92	6.2
KTNT89-B115	150	142	115	8.4


Male pulling eye

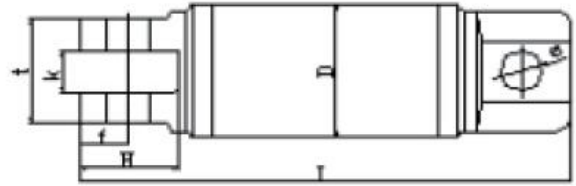
TYPE	D	L	W	f	H	φ		API	Kg
KT60BT-01	75	200	100	40	30	32		60/1"5	3.5
KT73BT-01	82	230	115	55	40	42		NC23	5.2
KT73BT-03	90	250	115	55	40	42		NC26	7.8
KT89BT-01	105	270	115	55	45	42		NC31	9
KT102BT-01	120	280	115	55	45	42		NC31	12
KT114BT-01	127	280	115	56	45	46		NC38	15
KT127BT-01	165	450	200	107	70	76		NC50	58
KT140BT-01	190	480	215	115	100	96		51/2FH	70

Notice: the commonly used types, this company can be customized for clients of various specifications, thread pulling eye.


Female pulling eye

TYPE	D	L	W	f	H	φ		API	
KT60BT-02	75	200	100	40	30	32		60/1"5	4
KT73BT-02	82	230	115	55	40	42		NC23	5.5
KT73BT-04	90	250	115	55	40	42		NC26	6.8
KT89BT-02	105	270	115	55	45	42		NC31	9
KT102BT-02	120	280	115	55	45	42		NC31	10.5
KT114BT-02	127	280	115	56	45	46		NC38	12
KT127BT-02	165	450	200	107	70	76		NC50	52
KT140BT-02	190	480	215	115	100	96		51/2FH	66

Notice: the commonly used types, this company can be customized for clients of various specifications, thread pulling eye.


double ears swivel

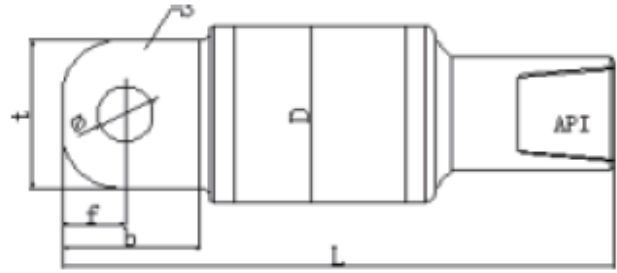
type	D	L	H	f	d	t	φ	load	kg
KTW10/S	110	240	85	46	32	100	31	10T	15
KTW20/S	125	390	85	46	32	100	32	20T	22
KTW30/S	130	450	105	50	42	110	32-42	30T	35
KTW35/S	140	485	110	50	42	110	42	35T	39
KTW40/S	155	520	115	53	47	115	42	40T	54
KTW50/S	165	590	130	55	52	120	52	50T	72
KTW60/S	190	690	156	75	62	150	62	60T	98
KTW70/S	190	740	170	86	62	150	62	70T	120
KTW80/S	210	790	190	90	66	152	73	80T	140

Notice: Swivel universal joint, rotation. One side works is rotating, the other side is not rotating.


Single and double ear swivel

type	D	L	H	f	d	t	φ	load	kg
KTW10/P	110	240	85	46	30	100	31	10T	13.5
KTW20/P	125	390	85	46	30	100	32	20T	20
KTW30/P	130	450	105	50	40	110	32-42	30T	32
KTW35/P	140	485	110	50	40	110	42	35T	35
KTW40/P	155	520	115	53	40	115	42	40T	51
KTW50/P	165	590	130	55	50	120	52	50T	69
KTW60/P	190	690	156	75	60	150	62	60T	91
KTW70/P	190	740	170	86	60	150	62	70T	116
KTW80/P	210	790	190	90	60	152	73	80T	134

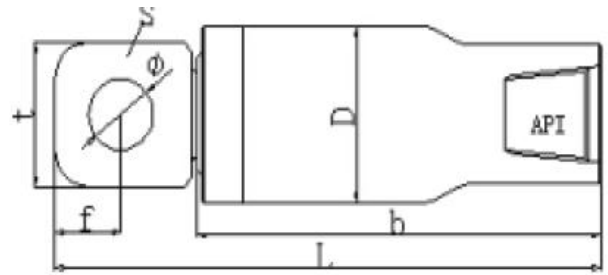
Notice: one end is u-shaped buckle, on the other side is a single head connection way.



Single and double ear swivel

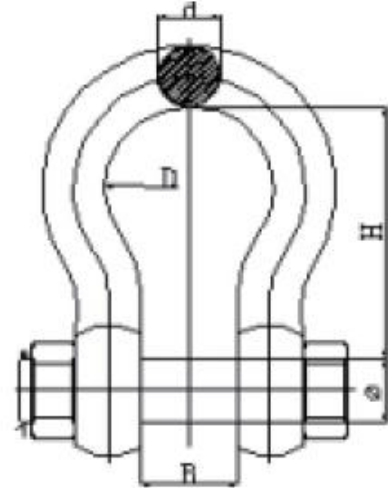
type	D	L	f	t	b	S	φ	load	API	Kg
KTW60/D	190	740	80	70	200	65	73	60T	NC31---38	95
KTW70/D	190	750	85	70	200	70	73	70T	NC31---38	120
KTW80/D	210	850	85	75	200	76	73	80T	NC31---38	145
KTW90/D	210	880	90	75	220	80	86	90T	NC31---38	156
KTW100/D	298	860	125	80	290	85	97	100T	NC38---50	280
KTW120/D	298	950	130	85	310	90	97	120T	NC38---50	350
KTW150/D	330	1000	135	95	330	95	115	150T	NC38---50	365
KTW200/D	420	1500	180	110	395	110	136	200T	NC50---51/2	790
KTW300/D	460	1600	200	120	450	125	165	300T	51/2---65/8FH	1200
KTW350/D	460	1650	200	120	470	135	165	350T	51/2---65/8FH	1360
KTW400/D	600	2150	220	130	490	160	200	400T	51/2---65/8FH	1880
KTW500/D	625	2200	240	140	490	165	220	500T	51/2---65/8FH	1980

Notice: single ear swivel is applicable to the rotation of the large tonnage, in connection with a free adjustment of space, cushion process, effectively protect the accessories. Maintenance of rotating parts after use clean water clean, wait to dry in the rotating parts turn into a small amount of oil, prolong service life.

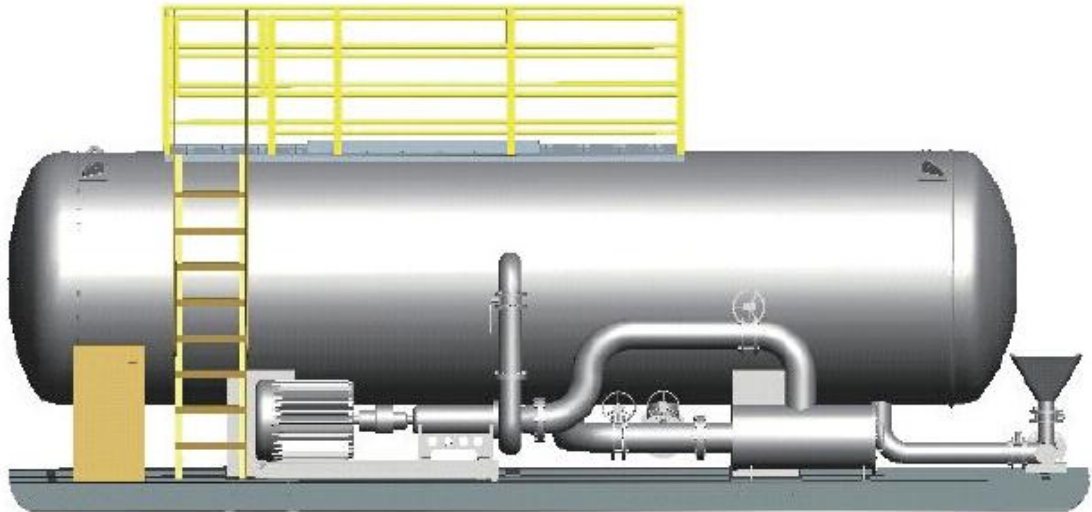

Even the buckle body swivel

type	D	L	b	f	t	s	φ	load	API	Kg
KTW40/L	160	496	364	63	126	50	60	40T	NC31---38	54
KTW50/L	170	620	470	63	126	65	61	50T	NC31--50	75
KTW50/L	180	620	470	63	126	65	61	50T	51/2FH	83
KTW60/L	198	690	520	75	155	70	73	60T	NC31-51/2	108
KTW70/L	198	690	520	78	155	70	73	70T	NC31-51/2	112
KTW80/L	198	690	555	80	160	75	73	80T	NC31-51/2	115
KTW90/L	228	820	607	97	176	80	86	90T	NC38-65/8	132

Notice: it is suitable for large tonnage and small drill pipe drill pipe connection of small tonnage, it can effectively improve the service life of the swivel case.

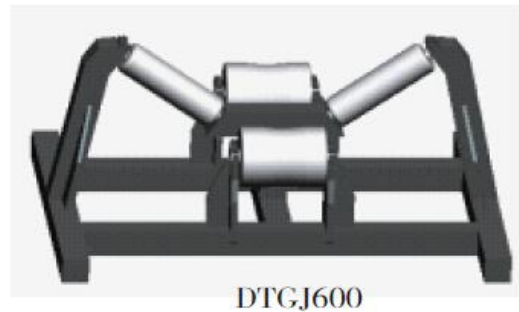
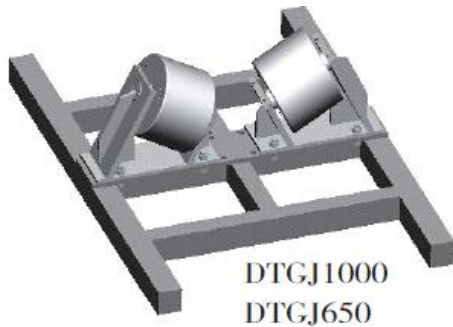

High strength type (D) bow shackle (American standard)

type	Allowable load	(mm) The main parameters					kg
		D	ϕ	B	d	H	
KTXK2-1/4	45	58	65	95	160	235	32
KTXT2-1/2	55	64	70	105	185	268	45
KTXK2-3/4	60	70	78	110	200	290	60
KTXK3----	85	76	82	120	230	340	75
KTVK3-1/4	100	86	92	130	235	360	100
KTXK3-1/2	120	90	95	154	240	370	120
KTXK4----	150	102	108	160	255	380	160
KTXK4-1/4	175	108	120	170	265	380	190
KTXK4-3/4	200	120	130	185	280	395	300
KTXK5----	250	127	140	210	330	470	350
KTXK6----	300	152	170	220	350	520	500
KTXK7----	400	178	190	230	365	575	700


Spin beam type slurry hydration

type	volume	cubage	flow	lift	power	kg weight
KTSHG20	7500×2200×2500	20m ³	200m ³ /n	35m	55	7830
KTSHG12	600×2100×2450	12m ³	150m ³ /n	35m	37	5620

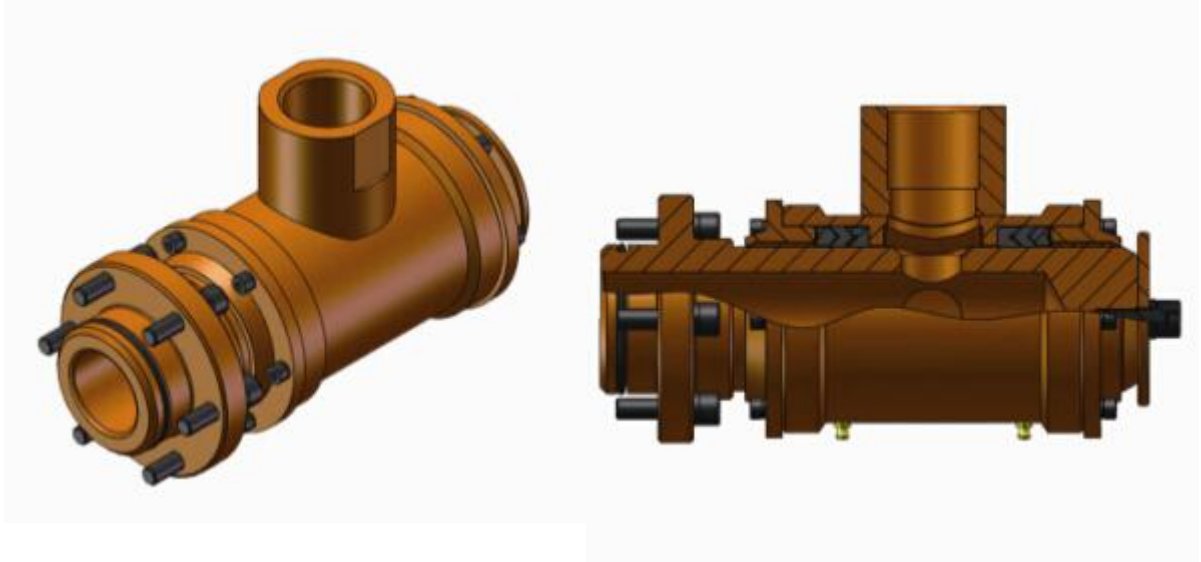
Notice: spin beam type cement hydration can fill in 6 to 8 points can put the cement hydration even a short period of time, and after the hydration of mud to reach the highest utilization rate, reduce the construction cost.


Drag pipe roller frame

type	Length ×width	high	Roller diameter	Drag the pipe diameter	Maximum load	Roller materials	(Kg) Total weight
KGGJ100	1400×1000	450	≈250	200-1016	16000	NL	196
KGGJ650	1200×800	345	≈170	200-650	5000	NL	135
KGGJ600	1000×800	300	≈190	60-600	2100	NL	80

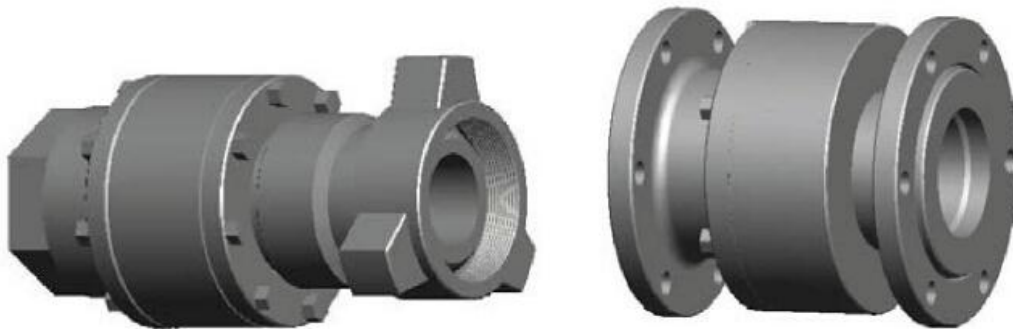
Notice: drag the pipe rack can reduce pipe friction with the ground, and effectively protect the pipe from damage, ensure the engineering quality.

Rotating water seal



The utility model provides a rotary drilling rig water seal device, used the two bearings, makes the water seal of spindle positioning accuracy is higher, to avoid the seal by the effect of radial force and aggravate the wear and tear. And in combination on either side of the closure of the medial, and set up two seals. Block mud cuhk particles into the combination seal, thereby reducing the wear of composite seal.

Mud supply rotation




Rotary joint - I

Rotary joint - II

Drilling machine mud injection system configuration of mud supply rotary joints, bearing position rotation, displacement, the structure adopts wear-resisting material and sealing device.

drill pipe

one-piece drill pipe	Drill pipe specifications	Grade	OD of joint	Tooth type buckle
	60×6.45×3408	G105 S135	68	D24
	60×7×3000	G105 S135	68	XD60
	60×7×2500	G105 S135	68	XD60
	60×7×4570	G105 S135	70	D33
	73×8×3000	G105 S135	82	NC23
	73×10×3048	G105 S135	83	D60
	73×10×3000	G105 S135	82 (89)	NC23 (NC26)
	73×8×4000	G105 S135	82	NC23
	73×10×4000	G105 S135	82 (89)	NC23 (NC26)
	73×10×4500	G105 S135	82	NC26
	83×9×3000	G105 S135	89	NC26
	83×4.5×4500	G105 S135	92	NC26
	89×9.35×4570	G105 S135	92	D80
	89×9.35×6000	G105 S135	105	NC31
	89×10×4500	G105 S135	105	NC31
	89×11.4×6100	G105 S135	111	D130
	102×9×6000	G105 S135	127	NC38
	114×11.4×6000	G105 S135	127	NC38
	127×9.19×9600	G105 S135	168	NC50
	140×10.54×9600	G105 S135	184	5 1/2FH