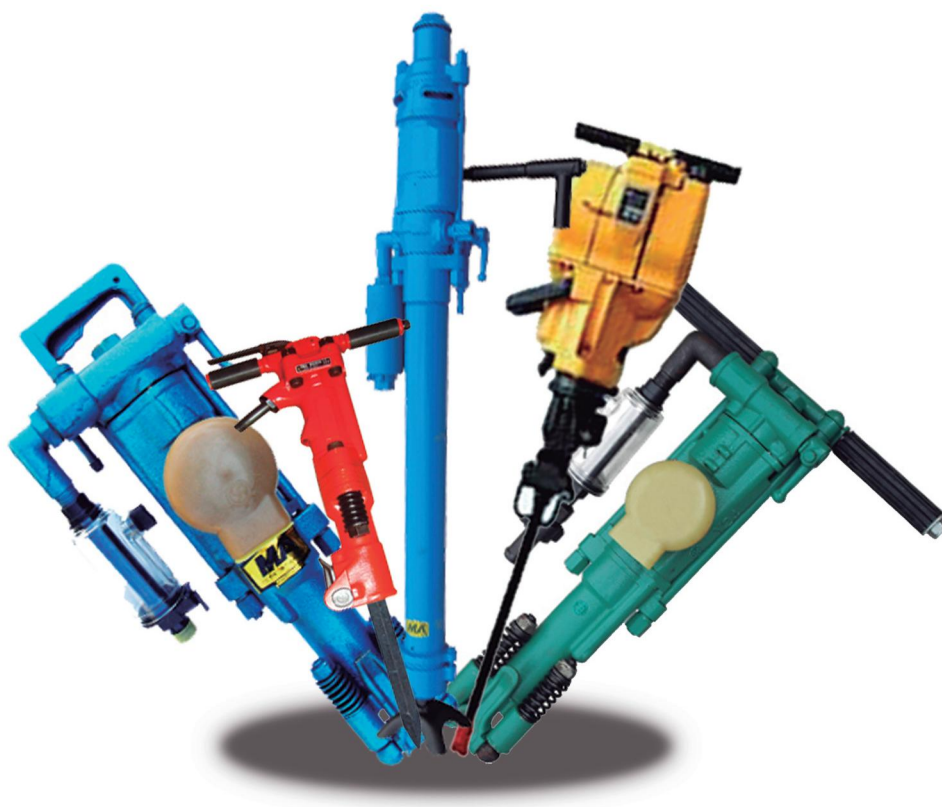


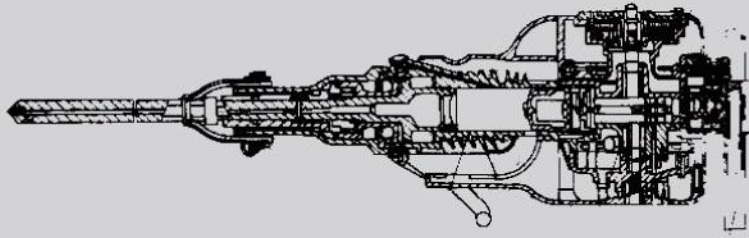
# *Longtop Mining*



Tianjin Longtop Mining Co., Ltd.



## Tianjin Longtop Mining Co., Ltd.



### Company development history:

*In 2007, Tianjin Qiangli Pneumatic Tools Commerce & Trade Co., Ltd was established.*

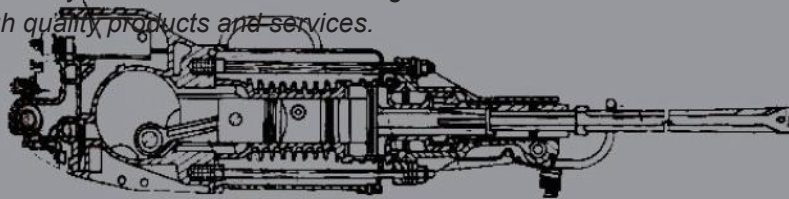
*In 2017, Tianjin Qiangli Pneumatic Tools Commerce & Trade Co., Ltd. Was reorganized into Tianjin Longtop Mining Co., Ltd.*

*A 10-year cycle, whether "Qiangli Pneumatic" or "Longtop Mining", has been committed to providing global customers with more cost-effective mining machinery products, including but not limited to pneumatic rock drilling tools which are manufactured by our own factory.*

*Over the past 10 years, through cooperation with mining enterprises and equipment dealers in different countries and regions, and accumulated experience, we can provide customers with timely and accurate industry and product information; according to the different needs of customers to provide customers with ultra-high cost-effective products and services. Now we can provide customers with the main products and services as below:*

- 1. Drilling machinery and supporting tools and equipment.*
- 2. Ventilation equipment (Explosion-proof and Non explosion-proof)*
- 3. Drainage equipment (all kinds of submersible pumps)*
- 4. Miner lighting equipment (all types of miners' lamps)*
- 5. Transport equipment (all kinds of transport winches, scrapers, dump trucks, etc.)*
- 6. Mining safety products*

*Longtop Mining is looking forward to working with our customers for the next ten years to continue to create greater value for our customers with our high quality products and services.*



**First-class Products First-class Services**



TIANJIN

LONGTOP MINING



## YO18 Hand-held and Air-leg Rock Drill

Technical details		
Model	YO18	
Weight(kg)	18	
Length(mm)	550	
Shank size(mm)	H22×108±1	
Piston stroke(mm)	45	
Water Pressure(Mpa)	0.4	
Air pressure (Mpa)	0.5	
Working pressure: (0.4Mpa)	Air consumption (L/s)	≤20
	Air consumption(L/s)	≤22.5
Average speed(mm)		80 (0.4MPa)
		120 (0.5MPa)
Air pipe inner diameter(mm)	19	

The rock drill is used for rock drilling blasting holes and other drilling works in the quarries, small coal mines and other constructions. It is suitable for drilling of horizontal or inclined holes on the medium-hard and hard rock. When it is matched with air leg model FT100, it can blast holes from different directions and angles.

## Y19A Hand-held and Air-leg Rock Drill

Technical details:

Model	Y19A	
Weight(Kg)	19	
Length(mm)	600	
Shank size(mm)	H22×108±1	
Drilling diameter(mm)	34-40	
Cylinder diameter(mm)	65	
Piston stroke(mm)	54	
Working pressure (0.4Mpa-0.5Mpa)	Air consumption (L/s)	≤43(0.5Mpa)
	Air consumption(L/s)	≤35(0.4Mpa)
Rotation(r/min)	200	
Air pipe inner diameter(mm)	19	
Impart energy(J)		≤28 (0.4MPa)
		≤40 (0.5MPa)



Y19A is mainly used for drilling work in small quarries, coal mine, limestone mine, rock blast in road construction work, as well as water conservancy construction project. It is light in weight and small in size, lower air consumption. It can be used together with FT100 air leg, which is a cost alternative for multi-purpose drilling applications.



### Y20LY Hand-held and Air-leg Rock Drill

Technical details:

Model	Y018	
Weight(kg)	18	
Length(mm)	609mm	
Shank size(mm)	H22×108±1	
Drilling diameter(mm)	32-40	
Piston stroke(mm)	50	
Working pressure (0.4Mpa)	Air consumption (L/s)	≤21.6
	Impact frequency (HZ)	30
Air pipe inner diameter(mm)	16	
Water pipe inner diameter(mm)	8	

The rock drill is a kind of light rock drill machinery. It can perform both dry and wet drilling under medium hard or hard rock( $f=8-18$ ). This machine can drill downward with hand toward horizontal, when it is matched with air-leg FT100, it is suitable for drilling works in various mines quarries, capital construction of farmland, blasting for constructing roads in mountain areas and other projects. This machine has transparent surface of FY200B lubricator or guarantee good lubrication, but also can be matched with model FT100 air-leg.

### QJ15 Hand-held and Air-leg Rock Drill

Technical details:

Model	QJ15
Weight(kg)	15
Length(mm)	550
Shank size(mm)	H22×108 ± 1
Cylinder diameter(mm)	58
Piston stroke(mm)	45
Water pressure(MPa)	0.2 - 0.35
Air pressure(MPa)	0.35 - 0.55
Air consumption (L/s)	32(at 0.4MPa)
Impact energy(N.M)	22(at 0.4Mpa)
Torque(N.cm)	900(at 0.4MPa)
Air pipe inner diameter(mm)	19
Water pipe inner diameter (mm)	8





## Y24 Hand-held Pneumatic Rock Drill

### Technical details:

Model	Y24	
Weight(kg)	24	
Length(mm)	604mm	
Shank size(mm)	H22×108±1	
Drilling diameter(mm)	34 - 42	
Piston diameter(mm)	70	
Piston stroke(mm)	70	
Working pressure: ( 0.5MPa )	Расход воздуха (л / сек)	≤55
	Частота ударов (Гц)	≥27
Скорость вращения (об/мин)	200	
Внутренний диаметр воздушного рукава(mm)	19	
Частота удара(Гц)	≥27	

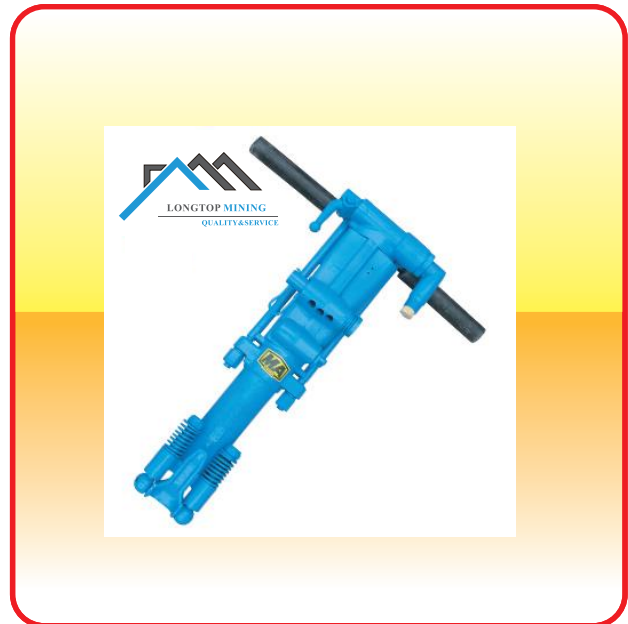
The rock drill is widely used for dry drilling in the medium-hard and hard rock( $f=8-18$ ).

It is suitable for drilling works in surface mine, quarry for boulder blasting and other dry drilling work. FY200B oil lubricator is matched with this rock drill to ensure the fine lubrication.

## Y26 Hand-held Pneumatic Rock Drill

### Technical details:

Model	Y26	
Weight(Kg)	26	
Length(mm)	650	
Shank size(mm)	H22×108/H25×108	
Drilling diameter(mm)	34-42	
Piston diameter(mm)	65	
Piston stroke(mm)	70	
Working pressure: (0.5MPa)	Air consumption (L/s)	≤47
	Impact frequency (Hz)	≥23
Rotation (r/min)	≥200	
Air pipe inner diameter(mm)	19	
Water pipe inner diameter(mm)	13	
Impact energy(J)	≥30	



It is mainly used for drilling in the mine, railway and water conservancy projects as well as second blasting work ect.. Product features are: lower vibration, robust and durable spare parts.



### YT23 Air-leg Pneumatic Rock Drill

Technical details:

Model	YT23(7655)	
Weight(kg)	24	
Length(mm)	628	
Shank size(mm)	H22×108	
Drilling diameter(mm)	32-42	
Piston diameter(mm)	76	
Piston stroke(mm)	55	
Working pressure: (0.5MPa)	Air consumption (L/s)	≤54
	Impact frequency (Hz)	≥36
Rotation (r/min)	300	
Air pipe inner diameter(mm)	25	
Impact energy(J)	≥65(0.63MPa)	
	≥59(0.5MPa)	
	≥42(0.4MPa)	



It is mainly used for drilling in the mine, railway and water conservancy projects as well as second blasting work etc..  
A classical type of rock drill product with steady quality.

### YT23D Air-leg Pneumatic Rock Drill

Technical details:

Model	YT23D(7655D)	
Weight(kg)	24	
Length(mm)	668	
Shank size(mm)	H22×108±1	
Drilling diameter(mm)	34-42	
Piston diameter(mm)	70	
Piston stroke(mm)	70	
Working pressure: (0.5MPa)	Air consumption (L/s)	≤52
	Impact frequency (Hz)	≥31
Rotation (r/min)	250	
Air pipe inner diameter(mm)	19	
Impact energy(J)	≥65(0.63MPa)	
	≥57(0.5MPa)	
	≥44(0.4MPa)	



This model requires less working air pressure and has lower air consumption than the YT23(7655). This makes it suitable for work-sites with low air line pressure or low compressor capacity.



## YT24 Air-leg Pneumatic Rock Drill

Technical details:

Model	YT24	
Weight(kg)	24	
Length(MM)	675	
Shank size(MM)	H22×108±1	
Drilling diameter(MM)	32-42	
Piston diameter(MM)	70	
Piston stroke(MM)	70	
Working pressure: (0.5MPa)	Air consumption (L/s)	≤52
	Impact frequency (Hz)	≥31
Rotation (r/min)	250	
Air pipe inner diameter(MM)	19	
Impact energy(J)	≥31	

The products are mainly used in construction sites, various types of mines, railways, water conservancy construction and national defense construction areas for drilling operations.  
The YT24 rock drill is the ultimate in power and weight. It is low in air consumption and suitable for all rock formations.

## YT27 Air-leg Pneumatic Rock drill

Technical details:

Model	YT27	
Weight(kg)	27	
Length(MM)	668	
Shank size(MM)	H22×108	
Drilling diameter(MM)	34-45	
Piston diameter(MM)	80	
Piston stroke(MM)	60	
Working pressure: (0.5MPa)	Air consumption (L/s)	≤57
	Impact frequency (Hz)	≥39
Rotation (r/min)	300	
Air pipe inner diameter(MM)	25	
Impact energy(J)	≥75.5	



Longtop mining has a wide range of air-leg rock and stoper rock drills to cover all construction, tunneling and mining applications in different rock formations.  
While efficient and with low energy consumption, the YT27 is durable, reliable and suitable for all applications and all kinds of rock.





### YT28 Air-leg Pneumatic Rock Drill

Technical details:

Model	YT28	
Weight(kg)	26	
Length(mm)	661	
Shank size(mm)	H22×108	
Drilling diameter(mm)	34-42	
Piston diameter(mm)	80	
Piston stroke(mm)	60	
Working pressure: (0.5MPa)	Air consumption (L/s)	≤58
	Impact frequency (Hz)	≥35
Rotation (r/min)	≥260	
Air pipe inner diameter(mm)	25	
Impact energy(J)	≥44, ≥63, ≥70	

YT28 air-leg rock drill applies in hard rock on the rock drill operations. It has strong adaptability to the working conditions. The product is energy efficiency. Its components are long life and durable. The machine can be generally used with same type and it can greatly reduce the customer loss for spare parts replacement.

### YT29A Air-leg Pneumatic Rock Drill

Technical details:

Model	YT29A	
Weight(kg)	27	
Length(mm)	659	
Shank size(mm)	H22×108±1	
Drilling diameter(mm)	34-45	
Piston diameter(mm)	82	
Piston stroke(mm)	60	
Working pressure: (0.5MPa)	Air consumption (L/s)	≤65
	Impact frequency(Hz)	≥37
Rotation (r/min)	300	
Air pipe inner diameter(mm)	25	
Impact energy(J)	≥78(0.63MPa)	
	≥69(0.5MPa)	
	≥50(0.4MPa)	



Longtop Mining has a wide range of pusher leg and stoper rock drills to cover all construction, tunneling and mining applications in different rock formations. They are robust but simply designed with high impact energy and low air consumption.

The rock drills all have water flushing, rifle bar rotation and the air-leg control is placed at the back head of the rock drill. An in-line lubricator is included in the delivery of each rock drill. Together with the appropriate air leg, the rock drill forms an attractive and cost effective drilling unit.



## YSP45 Stoper Rock Drill

Technical details:

Model	YSP45	
Weight(kg)	44	
Min. Length (MM)	1420	
Max. Length (MM)	2170	
Stroke piston diameter (MM)	74	
Piston diameter(MM)	95	
Piston stroke(MM)	47	
Working pressure: (0.5MPa)	Air consumption (L/s)	≤83
	Impact frequency(Hz)	≥47
Rotation (r/min)	350	
Air pipe inner diameter(MM)	25	
Impact energy(J)	≥73.5(0.63MPa)	
	≥70(0.5MPa)	
	≥57(0.4MPa)	

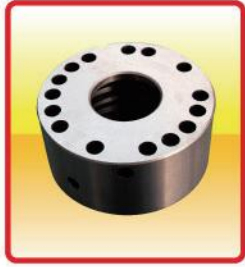
YSP45 is stoper rock drill, applied in mining, tunneling or rock drilling work, to drill up holes with angle to the earth within the range from 60 degrees to 90 degrees and also can be used for bolting work and shaft sinking work. Stoper rock drill YSP45 is of robust design for tough working condition. It has high impact frequency and is mainly used for production drilling, raise driving and bolting.

## FT160, FT140, FT100 Air Leg

Technical details:

Model	FT160A	FT160B	FT160BC	FT160BD	FT100	FT140BD	FT140B
Weight(kg)	17	16	17	15	12	14	15.6
Min.Length (MM)	1688	1428	1800	1400	1340	1400	1660
Max.Length (MM)	3006	2526	3165	2365	2340	2365	2910
Piston diameter(mm)	65	65	65	65	56	60	60
Suitable rock drills	YT23、 YT23D、 YT27、 YT29A	YT23、 YT23D、 YT27、 YT29A	YT28	YT28	Y19A YO18 Y20LY	YT24	YT24





## Rock Drill Spare Parts





## G7 Jack Hammer

Technical details:

Rammer diameter(MM)	35
Rammer stroke(MM)	120
Impact frequency(Hz)	21.6
Weight(kg)	7.2
Length(MM)	456
Air consumption(L/s)	20
Air pipe inner diameter(MM)	19
Shank size(MM)	R26 x 80
Impact energy(J)	30

## G10 Jack Hammer

Technical details:

Length(MM)	575
Weight(kg)	10.9
Rammer diameter(MM)	38
Rammer stroke(MM)	155
Air pressure(Mpa)	0.63
Impact energy(J)	43
Impact frequency(Hz)	16
Air consumption(L/s)	26
Air pipe inner diameter(MM)	16
Drilling(M)	0.5



## G20 Jack Hammer

Technical details:

Length(MM)	572
Weight(kg)	20
Rammer diameter(MM)	40
Rammer stroke(MM)	165
Impact energy(J)	60
Impact frequency(Hz)	16
Air consumption(L/s)	23
Air pipe inner diameter(MM)	16
Pick drill(M)	0.45-0.6





### B47 Jack Hammer

Technical details:

Weight (kg)	21.5
Length(mm)	550
Air consumption(L/s)	23
Impact frequency(Hz)	21.6
Shank size(mm)	25x108
Air pipe inner diameter(mm)	19
Impact energy(J)	76

### B67C Jack Hammer

Technical details:

Weight (kg)	30
Length(mm)	615
Working air pressure(Mpa)	0.63
Cylinder diameter(mm)	50.8
Impact energy(J)	37±10%
Impact power(Kw)	0.9±10%
Impact frequency(Hz)	24±5%
Air consumption(L/s)	42±15%
Air pipe inner diameter(mm)	19



### B87C Jack Hammer

Technical details:

Weight(kg)	39
Length(mm)	686
Working air pressure(MPa)	0.63
Cylinder diameter(mm)	50.8
Impact energy(J)	100±10%
Impact power(Kw)	1.8±10%
Impact frequency(Hz)	18±5%
Air consumption(L/s)	55±15%
Air pipe inner diameter(mm)	19



## SL80 Jack Hammer

Technical details:

Weight(kg)	37
Length(MM)	733
Rammer diameter(MM)	57
Rammer stroke(MM)	189
Working air pressure(MPa)	0.63
Impact frequency(Hz)	18.3
Air consumption(L/s)	34
Air pipe inner diameter(MM)	19
Impact energy(J)	≥42

## B50 Jack Hammer

Technical details:

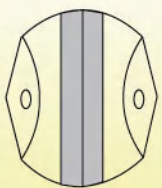
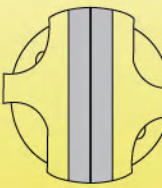
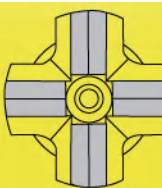
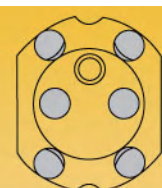
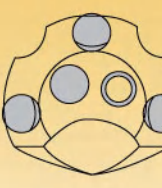
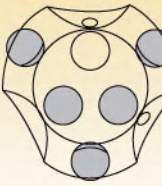
Weight(kg)	18
Length(MM)	660
Piston diameter(MM)	44
Piston stroke(MM)	146
Impact frequency(Hz)	17
Air consumption(m <sup>3</sup> /min.)	1.6
∅Air pipe inner diameter(MM)	19
Shank size(MM)	25x108
Air inlet size	3/4PT
Impact energy(J)	75

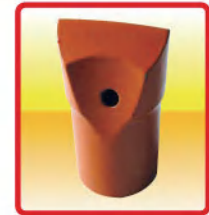


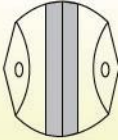







## YN27C Internal Combustion Rock Drill

Weight(kg)	27
Overall dimension (MM)	746*315*229
Engine type	single cylinder,air cooled two stroke
Type of Carbure tor	hand needle valve,no floating type
Ignition system	controllable silicon contactless system
Displacement of engine∅ piston(cm <sup>3</sup> )	185
Rotation speed of engine (r/min.)	≥2450
KRotation speed of drill rod	≥200 (r/min)
Shank size(MM)	22×108(mm)
Fuel tank capacity (L)	≥1,14
Clearance of spark plug(mm)	0,5-0,7
Mixing ratio of gasoline and lubrication oil	9:1
Fuel consumption (L/min)	≤0.12
Max.Drilling Depth(m)	≥6
Drilling speed(mm/min.)	≥250










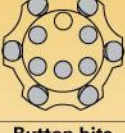
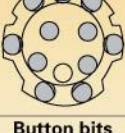
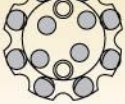
22mm tapered drill equipment	Bit diameter		Carbide tip			Taper	Water hole	Part number
	mm	In	thick*height					
<b>Chisel</b>  	20	25/32"	6 x 12			4°	2	QLY120-415
	22	55/64"	6 x 12			4°	2	QLY122-415
	24	15/16"	8 ~ 10 x 13.5 ~ 15			4°	2	QLY124-415
	26	1 1/32"	8 ~ 10 x 13.5 ~ 15			4°	2	QLY126-415
	28	1 7/64"	8 ~ 10 x 13.5 ~ 15			6°	2	QLY128-615
	30	1 3/16"	8 ~ 10 x 13.5 ~ 15			7°	2	QLY130-722
	32	1 17/64"	8 ~ 10 x 13.5 ~ 15			7°	2	QLY132-722
	34	1 11/32"	8 ~ 10 x 13.5 ~ 15			7°	2	QLY134-722
	36	1 27/64"	8 ~ 10 x 13.5 ~ 15			7°	2	QLY136-722
	38	1 1/2"	8 ~ 10 x 13.5 ~ 18			7°	2	QLY138-722
	40	1 37/64"	8 ~ 10 x 13.5 ~ 18			7°	2	QLY140-722
	42	1 21/32"	8 ~ 10 x 13.5 ~ 18			7°	2	QLY142-722
	50	1 31/32"	8 ~ 10 x 13.5 ~ 18			7°	2	QLY150-722
	56	2 13/64"	8 ~ 10 x 13.5 ~ 18			7°	2	QLY156-722
60	2 23/64"	8 ~ 10 x 13.5 ~ 18			7°	2	QLY160-722	
<b>Cross</b> 	36	2 27/64"	8 x 12			7°	3	QLS136-722
	38	1 1/2"	8 x 12			7°	3	QLS138-722
	40	1 37/64"	8 x 12			7°	3	QLS140-722
	42	1 21/32"	8 x 12			7°	3	QLS142-722
	50	1 31/32"	10 x 16			7°	3	QLS150-722
22mm tapered drill equipment	Bit diameter		Buttons			Taper	Water hole	Part NO.
	mm	in	gauge	front	angle			
<b>Button bits</b> 	45	1 49/64"	4x9	2x8	30°	7°	3	QLQ645-722
	48	1 57/64"	4x10	2x8	30°	7°	3	QLQ648-722
<b>Button bits</b> 	32	1 17/64"	3x8	1x8	25°	7°	2	QLQ432-722
	34	1 11/32"	3x8	1x8	25°	7°	2	QLQ434-722
	36	1 27/64"	3x9	1x8	25°	7°	2	QLQ436-722
	38	1 1/2"	3x9	1x8	25°	7°	2	QLQ438-722
	40	1 37/64"	3x9	1x8	25°	7°	2	QLQ440-722
<b>Button bit</b> 	42	1 21/32"	3x9	1x8	25°	7°	2	QLQ442-722
	38	1 1/2"	3x9	2x8	30°	7°	3	QLQ538-722
	40	1 37/64"	3x9	2x8	30°	7°	3	QLQ540-722
	42	1 21/32"	3x9	2x8	30°	7°	3	QLQ542-722



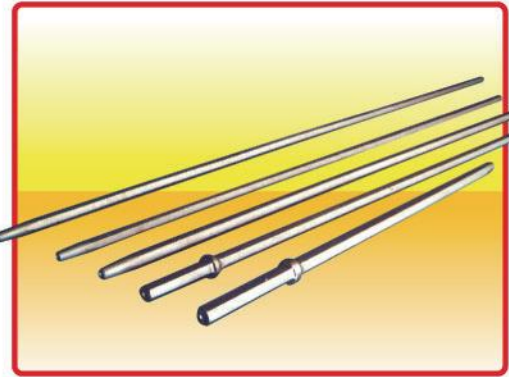
25mm Tapered Drill Equipment	Bit diameter		Carbide tip			Taper	Water hole	Part NO.
	mm	in	thick x hight					
<b>Chisel bits</b> 	40	1 37/64	8 ~ 10 x 13.5 ~ 18			7°	2	QLY140-725
	42	1 21/32	8 ~ 10 x 13.5 ~ 18			7°	2	QLY142-725
	50	1 31/32	8 ~ 10 x 13.5 ~ 18			7°	2	QLY150-725
	56	2 13/64	8 ~ 10 x 13.5 ~ 18			7°	2	QLY156-725
	60	2 32/64	8 ~ 10 x 13.5 ~ 18			7°	2	QLY160-725
<b>Cross bits</b> 	38	1 1/2	8 x 12			7°	3	QLS138-725
	40	1 37/64	8 x 12			7°	3	QLS140-725
	42	1 21/32	8 x 12			7°	3	QLS142-725
	50	1 31/32	10 x 14			7°	3	QLS150-725
25mm Tapered Drill Equipment	Bit diameter		Buttons			Taper	Water hole	Part NO.
	mm	in	Guage	Front	Angle			
<b>Button bits</b> 	40	1 37/64	4x9	2x8	35°	12°	3	QLQ640-1225
	45	1 49/64	4x9	2x8	35°	12°	3	QLQ645-1225
	48	1 57/64	4x10	2x8	30°	12°	3	QLQ648-1225
<b>Button bits</b> 	40	1 37/64	5x9	2x8	25°	12°	3	QLQ740-1225
	45	1 49/64	5x9	2x8	25°	12°	3	QLQ745-1225
25mm Extension Drill Equipment	Bit diameter		Carbide tip			Thread	Water hole	Part NO.
	mm	in	thick x hight					
<b>Cross bits</b> 	40	1 37/64	8 x 12			R25	3	QLS140-25R
	45	1 49/64	8 x 14			R25	3	QLS145-25R
	50	1 31/32	10 x 16			R25	3	QLS150-25R
25mm Extension Drill Equipment	Bit diameter		Buttons			Thread	Water hole	Part NO.
	mm	in	Guage	Front	Angle			
<b>Button bits</b> 	40	1 37/64	4x9	2x8	30°	R25	3	QLQ640-25R
	42	1 21/32	4x9	2x8	30°	R25	3	QLQ642-25R
	45	1 49/64	4x10	2x8	30°	R25	3	QLQ645-25R
<b>Button bits</b> 	40	1 37/64	5x9	2x8	30°	R25	3	QLQ740-25R
	42	1 21/32	5x9	2x8	30°	R25	3	QLQ742-25R
	45	1 57/64	5x10	2x8	30°	R25	3	QLQ745-25R
28mm Extension Drill Equipment	Bit diameter		Carbide tip			Thread	Water hole	Part NO.
	mm	in	thick x hight					
<b>Cross bits</b> 	45	1 49/64	8 x 12			R28	3	QLS145-28R
	48	1 57/64	8 x 14			R28	3	QLS148-28R
	65	1 14/25	10 x 16			R28	3	QLS165-28R





28mm Extension Drill Equipment	Bit diameter		Buttons			Thread	Water hole	Part NO.
	mm	in	Guage	Front	Angle			
<b>Button bits</b> 	40	1 37/64"	5x9	2x8	30°	R28	3	QLQ740-28R
	48	1 57/64"	5x9	2x8	30°	R28	3	QLQ748-28R
<b>Button bits</b> 	45	1 49/64"	6x9	3x8	30°	R28	3	QLQ945-28R
	50	1 31/32"	6x10	3x9	30°	R28	3	QLQ950-28R
32mm Extension Drill Equipment	Bit diameter		Carbide tip		Thread	Water hole	Part NO.	
<b>Cross bits</b> 	mm	in	thick x high					
		51	2"	8 x 12		R32	3	QLS151-32R
	65	2 14/25"	10 x 16		R32	3	QLS165-32R	
32mm Extension Drill Equipment	Bit diameter		Buttons			Thread	Water hole	Part NO.
<b>Button bits</b> 	mm	in	Guage	Front	Angle			
		45	1 49/64"	5x9	2x8	30°	R32	3
	48	1 57/64"	5x10	2x9	30°	R32	3	QLQ748-32R
	51	2"	5x10	2x9	35°	R32	3	QLQ751-32R
<b>Button bits</b> 	45	1 49/64"	6x9	3x8	30°	R32	4	QLQ945-32R
	48	1 57/64"	6x10	3x8	30°	R32	4	QLQ948-32R
	51	2"	6x10	3x8	30°	R32	4	QLQ951-32R
	57	2 1/4"	6x10	3x9	30°	R32	4	QLQ957-32R
	64	2 33/64"	6x12	3x10	30°	R32	4	QLQ946-32R
<b>Button bits</b> 	57	2 1/4"	6x11	4x9	35°	R32	4	QLQ1057-32R
	64	2 33/64"	6x11	4x10	35°	R32	4	QLQ1064-32R
<b>Button bits</b> 	76	3"	8x11	4x10	35°	R32	4	QLQ1276-32R
38mm Extension Drill Equipment	Bit diameter		Buttons			Thread	Water hole	Part NO.
<b>Button bits</b> 	mm	in	Guage	Front	Angle			
		64	2 33/64"	6x12	5x9	30°	T38	3
	70	2 3/4"	6x12	5x10	30°	T38	3	QLQ1170-38T
	76	3"	6x12	5x11	30°	T38	4	QLQ1176-38T
	89	3 1/2"	6x14	5x12	30°	T38	4	QLQ1189-38T
<b>Button bits</b> 	64	2 33/64"	7x11	4x10	35°	T38	3	QLQ1164-38T
	76	3"	7x12	4x10	35°	T38	3	QLQ1176-38T
<b>Button bits</b> 	64	2 33/64"	8x10	4x10	30°	T38	4	QLQ1264-38T
	76	3"	8x12	4x10	30°	T38	4	QLQ1276-38T
	89	3 1/2"	8x14	4x12	30°	T38	4	QLQ1289-38T
	102	4 1/64"	8x14	4x12	30°	T38	4	QLQ12102-38T





## Tapered Drill Rod

Model	Tapered degrees	Length	Shank size
Hex. 19mm	7° , 4.8° , 12°	0.4m – 4.0m	83mm, 108mm
Hex. 22mm	7° , 4.8° , 12°	0.8m – 6.0m	83mm, 108mm
Hex. 25mm	7°	0.8m – 6.0m	108mm, 159mm

## Integral Drill Rod

Bit type	Drilling rod dia.	Drill bit dia.	Length
	Hex. 19mm	∅ 24mm – ∅ 36mm	0.4m – 3.0m
Chisel/Cross	Hex. 22mm	∅ 32mm – ∅ 40mm	0.4m – 4.0m
	Hex. 25mm	∅ 34mm – ∅ 44mm	0.6m – 5.0m

## Extension Drill Rod

Dimension	Thread	Length
H22	R22, R25	920mm–2435mm
H25	R25, R28	920mm–3050mm
H28	R28	920mm–3050mm
H25	R32	920mm–2435mm
H28	R32	1220mm–3660mm
H32	R32, R38	1220mm–5250mm
H35	R38, T38	1220mm–5250mm
∅32	R32	920mm–1830mm
∅38	R38	1200mm–3660mm
∅38	T38	3050mm–4270mm
∅45	T45	3050mm–3060mm
∅51	T51	3050mm–3660mm





Drilling tools	Main standard(mm)				Part NO.		
	D	H	L	M			
<b>Coal bit</b> 	27	44	17	M14x1.5	QLZTY27/2		
	27	54	17.5	1/2"	QLZTY27/2		
	32	52	22	M14x1.5	QLZTY32/2		
	32	56	22	M12x1.75	QLZTY32/2		
<b>Coal bit</b> 	D	H	L	d	Part NO.		
	28	65	23.5	8.2	QLZTY32/2		
<b>Moil point</b> 	<b>L</b>			<b>L1</b>	<b>D</b>	<b>Taper</b>	<b>Part NO.</b>
	(mm)	(in)	(ft)	(mm)	(mm)		
	444	5 12/25"	1'	80	26	7°	QLGQD26-80-4.44
	446	5 14/25"	1'	82	30	7°	QLGQD30-82-4.46
	452	5 4/5"	1'	88	30	7°	QLGQD30-88-4.52
<b>Moil point</b> 	500	7 7/10'	1'	42	24		QLGQR24(BT)-05
	800	7'	2'	42	24		QLGQR24(BT)-08
	1200	11"	3'	42	24		QLGQR24(BT)-12
	1500	11"	4'	42	24		QLGQR24(BT)-15
	1800	11"	5'	42	24		QLGQR24(BT)-18
	2000	6"	6'	42	24		QLGQR24(BT)-20
<b>Moil point</b> 	600	2'		82.5			QLGQH22.4(BT)-06
	600	2'		108			QLGQH22.4(BT)-06
<b>Moil point</b> 	541	9 3/10'	1'	108			QLGQH25(BT)-5.41
<b>Moil point</b> 	541	9 3/10'	1'	160			QLGQH32(BT)-5.41
	500	7 7/10'	1'	152			QLGQH32(BT) 05





***Tianjin Longtop Mining Co.,Ltd.***

Tel: 86-22-83719569

Fax: 86-22-83719289

Web: [www.longtopmining.com](http://www.longtopmining.com)

E-mail: [sales@longtopmining.com](mailto:sales@longtopmining.com)

Add: Room 715-716, Building B, No.5 Lanyuan Road, Huayuan Industrial Park, Nankai District, Tianjin, China PR, 300384