



Every piece, Just For your concern!

# JIUFENG Contents

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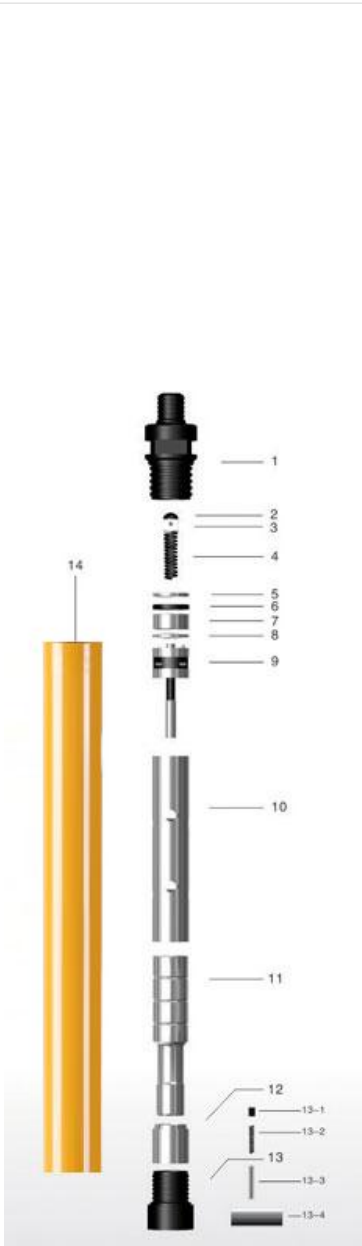
## COMPANY INTRODUCTION

For more than 15 years, JIUFENG has remained committed to developing the most advanced engineering solutions. From the first steel products to today's comprehensive equipment ranges, we've always strived to develop solutions that add value to your business.

"Every piece, Just For your concern!" Jiufeng company is adhere and stick to this production, marketing concept, in pursuit of providing customers with more efficient, environmentally friendly and economical drill tools, so that customers can enjoy the fun and benefits from drilling.

Our product offering provides solutions for virtually any mining or rock excavation project. Our range of Rock tools for mining and rock excavation are designed to maximize your productivity and profitability. Our expertise in Rock tools is based on decades of working alongside our customers. You are welcome to Contact us if you need advice on product selection or other technical support.

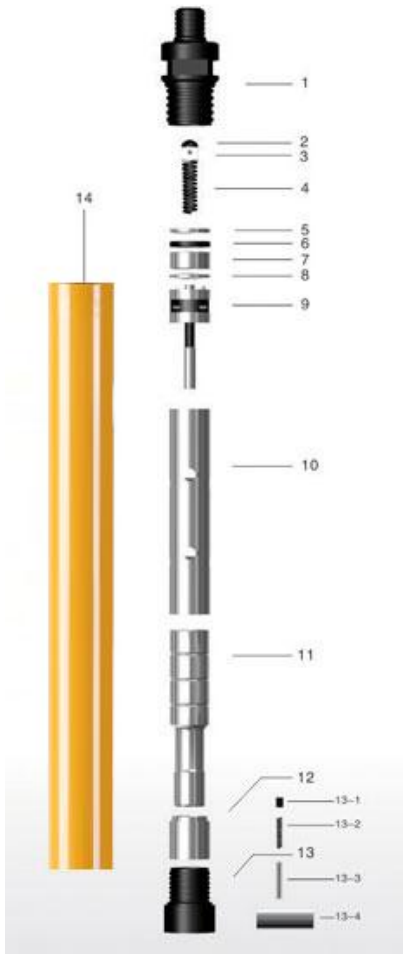
## Low Air Pressure DTH Hammers JF76A



Hammer Length without bit:	777(mm)
Top sub thread:	F48x10PIN
Outside diameter:	66(mm)
Weight:	13.5(KG)
Bit diameter:	76(mm)
Working Pressure:	4-10(Bar)
Air consumption:	6-10(M3/min)
Bit shank:	CIR70

Item Description	Part Number	Item Description	Part Number
1.Top Sub	JF76A-01	8.Valve	JF76A-08
2.Cap	JF76A-02	9.Air Distributor	JF76A-09
3.Check Valve	JF76A-03	10.Inner Cylinder	JF76A-10
4.Spring	JF76A-04	11.Piston	JF76A-11
5.Shim	JF76A-05	12.Guide Sleeve	JF76A-12
6.Rubber ring	JF76A-06	13.Driver Sub	JF76A-13
7.Valve cap	JF76A-07	14.Outer Sleeve	JF76A-14

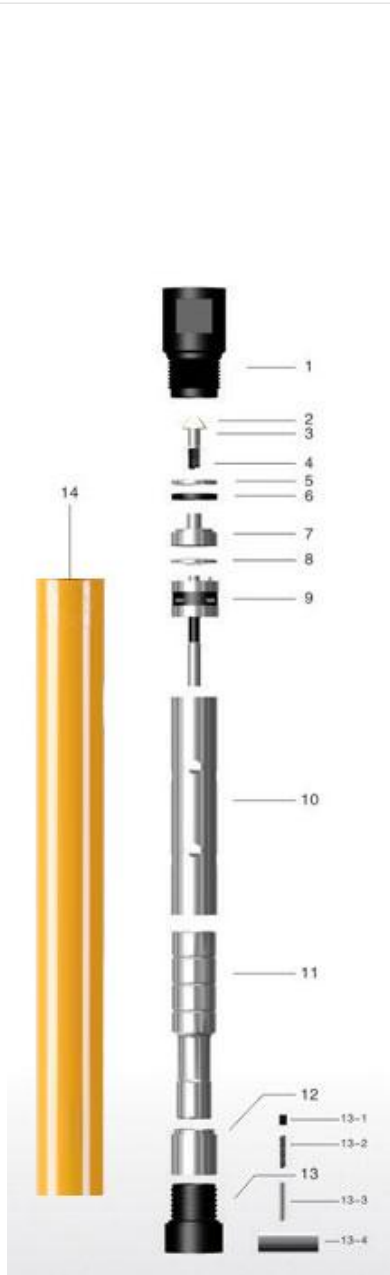
## Low Air Pressure DTH Hammers JF90A



Hammer Length without bit:	781(mm)
Top sub thread:	F48x10PIN
Outside diameter:	80(mm)
Weight:	22(KG)
Bit diameter:	90-120(mm)
Working Pressure:	5-10(Bar)
Air consumption:	7-12(M3/min)
Bit shank:	CIR90

Item Description	Part Number	Item Description	Part Number
1.Top Sub	JF90B-01	8.Valve	JF90B-08
2.Cap	JF90B-02	9.Air Distributor	JF90B-09
3.Check Valve	JF90B-03	10.Inner Cylinder	JF90B-10
4.Spring	JF90B-04	11.Piston	JF90B-11
5.Shim	JF90B-05	12.Guide Sleeve	JF90B-12
6.Rubber ring	JF90B-06	13.Driver Sub	JF90B-13
7.Valve cap	JF90B-07	14.Outer Sleeve	JF90B-14

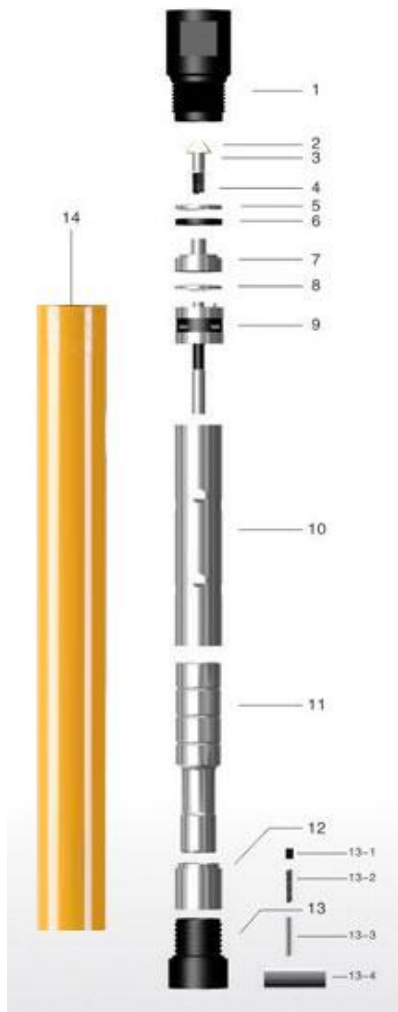
## Low Air Pressure DTH Hammers JF110B



Hammer Length without bit:	840 (mm)
Top sub thread:	API 23/8"REG BOX
Outside diameter:	98(mm)
Weight:	33(KG)
Bit diameter:	110-150(mm)
Working Pressure:	5-10(Bar)
Air consumption:	7-12(M3/min)
Bit shank:	CIR110

Item Description	Part Number	Item Description	Part Number
1.Top Sub	JF110B-01	7.Valve	JF110B-08
2.Cap	JF110B-02	8.Air Distributor	JF110B-09
3.Check Valve	JF110B-03	9.Inner Cylinder	JF110B-10
4.Spring	JF110B-04	10.Piston	JF110B-11
5.Rubber ring	JF110B-06	11.Driver Sub	JF110B-13
6.Valve cap	JF110B-07	12.Outer Sleeve	JF110B-14

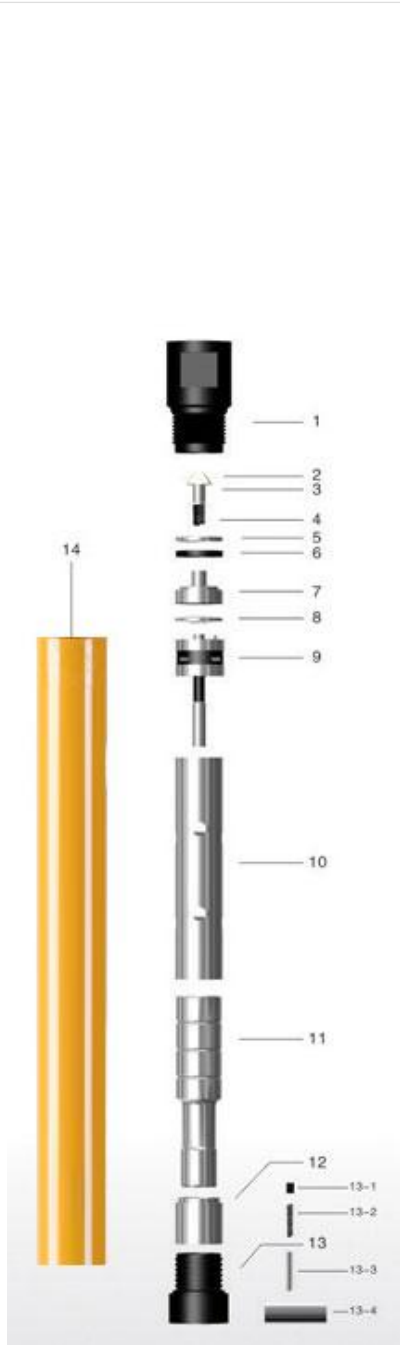
## Low Air Pressure DTH Hammers JF130B



Hammer Length without bit:	882(mm)
Top sub thread:	API 23/8"REG BOX
Outside diameter:	112(mm)
Weight:	48.5(KG)
Bit diameter:	130-175(mm)
Working Pressure:	5-10(Bar)
Air consumption:	7-12(M3/min)
Bit shank:	CIR110/CIR130

Item Description	Part Number	Item Description	Part Number
1.Top Sub	JF130B-01	8.Valve	JF130B-08
2.Cap	JF130B-02	9.Air Distributor	JF130B-09
3.Check Valve	JF130B-03	10.Inner Cylinder	JF130B-10
4.Spring	JF130B-04	11.Piston	JF130B-11
5.Shim	JF130B-05	12.Guide Sleeve	JF130B-12
6.Rubber ring	JF130B-06	13.Driver Sub	JF130B-13
7.Valve cap	JF130B-07	14.Outer Sleeve	JF130B-14

## Low Air Pressure DTH Hammers JF150B

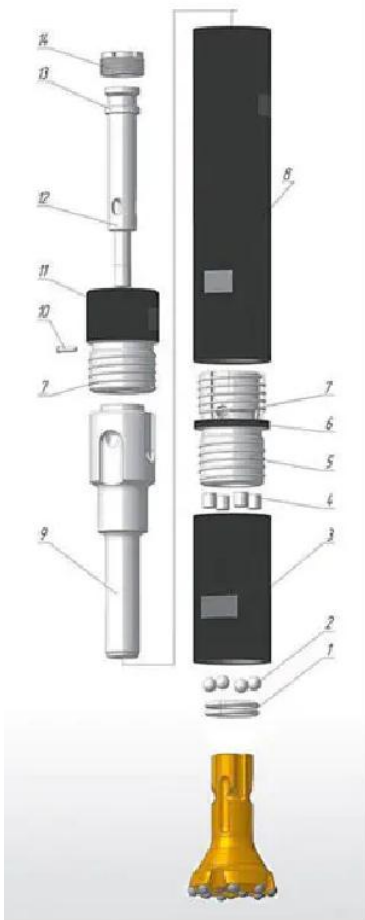


Hammer Length without bit:	904(mm)
Top sub thread:	F70*10 BOX
Outside diameter:	136mm)
Weight:	70(KG)
Bit diameter:	150-200(mm)
Working Pressure:	5-10(Bar)
Air consumption:	10-16(M3/min)
Bit shank:	CIR150

Item Description	Part Number	Item Description	Part Number
1.Top Sub	JF150B-01	8.Valve	JF150B-08
2.Cap	JF150B-02	9.Air Distributor	JF150B-09
3.Check Valve	JF150B-03	10.Inner Cylinder	JF150B-10
4.Spring	JF150B-04	11.Piston	JF150B-11
5.Shim	JF150B-05	12.Guide Sleeve	JF150B-12
6.Rubber ring	JF150B-06	13.Driver Sub	JF150B-13
7.Valve cap	JF150B-07	14.Outer Sleeve	JF150B-14



# Low Air Pressure DTH Hammers 110P



Bit coupling type	Bayonet
Hammer Length without bit:	662 (mm)
Top sub thread:	F72x10 BOX
Outside diameter:	98 (mm)
Weight:	24(KG)
Bit diameter:	110-140(mm)
Working Pressure:	7-11 (Bar)
Air consumption:	7-12(M3/min)
Bit shank:	KNSH-110

Item Description	Part Number	Item Description	Part Number
1.Retainer Ring	110P-B-01	8.Outer Sleeve	110P-B-08
2.Ball	110P-B-02	9.Piston	110P-B-09
3.Driver Sub	110P-B-03	10.Retainer	110P-B-10
4.Roller	110P-B-04	11.Top Sub	110P-B-11
5.Thread	110P-B-05	12.Air distribution Tube	110P-B-12
6.Guide Sleeve	110P-B-06	13.Seat	110P-B-13
7.Thread	110P-B-07	14.Adjusting Nut	110P-B-14

# High Air Pressure DTH Hammers JFD35



Hammer Length without bit:	899(mm)
Top sub thread:	API 23/8"REG PIN
Outside diameter:	82(mm)
Weight:	25(KG)
Bit diameter:	90-110(mm)
Working Pressure:	12-24(Bar)
Air consumption:	8-12(M/min)
Bit shank:	DHD3.5

Item Description	Part Number	Item Description	Part Number
1.Top Sub	JFD35-01	8. Piston	JFD35-08
2. O-Ring	JFD35-02	9.Guide Sleeve	JFD35-09
3.Cap	JFD35-03	10.Bit Retainer Ring	JFD35-10
4.Check Valve	JFD35-04	11. O-Ring	JFD35-11
5.Spring	JFD35-05	12.Driver Sub	JFD35-12
6. Air Distributor	JFD35-06	13.Outer Sleeve	JFD35-13
7.Inner Cylinder	JFD35-07		

# High Air Pressure DTH Hammers JFD40



Hammer Length without bit:	976(mm)
Top sub thread:	API 23/8"REG PIN
Outside diameter:	99(mm)
Weight:	40.5(KG)
Bit diameter:	115-140(mm)
Working Pressure:	12-24(Bar)
Air consumption:	8-14(M3/min)
Bit shank:	DHD340A、COP4

Item Description	Part Number	Item Description	Part Number
1.Top Sub	JFD40-01	8. Piston	JFD40-08
2. O-Ring	JFD40-02	9.Guide Sleeve	JFD40-09
3.Cap	JFD40-03	10.Bit Retainer Ring	JFD40-10
4.Ceck Valve	JFD40-04	11. O-Ring	JFD40-11
5.Spring	JFD40-05	12.Driver Sub	JFD40-12
6. Air Distributor	JFD40-06	13.Outer Sleeve	JFD40-13
7.Inner Cylinder	JFD40-07		

# High Air Pressure DTH Hammers JFD50



Hammer Length without bit:	1187(mm)
Top sub thread:	API23/8"REG PIN
Outside diameter:	126(mm)
Weight:	66(KG)
Bit diameter:	138-165(mm)
Working Pressure:	12-24(Bar)
Air consumption:	9-19(M3/min)
Bit shank:	DHD350R、COP54

Item Description	Part Number	Item Description	Part Number
1.Top Sub	JFD50-01	8. Piston	JFD50-08
2. O-Ring	JFD50-02	9.Guide Sleeve	JFD50-09
3.Cap	JFD50-03	10.Bit Retainer Ring	JFD50-10
4.Ceck Valve	JFD50-04	11. O-Ring	JFD50-11
5.Spring	JFD50-05	12.Driver Sub	JFD50-12
6. Air Distributor	JFD50-06	13.Outer Sleeve	JFD50-13
7.Inner Cylinder	JFD50-07		

# High Air Pressure DTH Hammers JFD60



Hammer Length without bit:	1240(mm)
Top sub thread:	API 31/ "REG PIN
Outside diameter:	148(mm)
Weight:	110(KG)
Bit diameter:	165-203(mm)
Working Pressure:	12-24(Bar)
Air consumption:	12-22(M3/min)
Bit shank:	DHD360、COP64

Item Description	Part Number	Item Description	Part Number
1.Top Sub	JF60-01	8.Piston	JF60-08
2.O-Ring	JF60-02	9.Guide Sleeve	JF60-09
3.Cap	JF60-03	10.Bit Retainer Ring	JF60-10
4.Check Valve	JF60-04	11.O-Ring	JF60-11
5. Spring	JF60-05	12.Driver Sub	JF60-12
6.Air Distributor	JF60-06	13.Outer Sleeve	JF60-13
7.Inner Cylinder	JF60-07		

# High Air Pressure DTH Hammers JFM40



Hammer Length without bit:	947 (mm)
Top sub thread:	API 23/8"REG PIN
Outside diameter:	100(mm)
Weight:	35.5(KG)
Bit diameter:	115-140(mm)
Working Pressure:	12-24(Bar)
Air consumption:	8-14(M3/min)
Bit shank:	Mission40

Item Description	Part Number	Item Description	Part Number
1.Top Sub	JFM40-01	8.Piston	JFM40-08
2.O-Ring	JFM40-02	9.Jump Ring	JFM40-09
3.Cap	JFM40-03	10.Guide Sleeve	JFM40-10
4.Check Valve	JFM40-04	11.Bit Retainer Ring	JFM40-11
5.Spring	JFM40-05	12.O-Ring	JFM40-12
6.Air Distributor	JFM40-06	13.Driver Sub	JFM40-13
7.Inner Cylinder	JFM40-07	14.Outer Sleeve	JFM40-14

# High Air Pressure DTH Hammers JFM50



Hammer Length without bit:	995 (mm)
Top sub thread:	API 23/8"REG PIN
Outside diameter:	126(mm)
Weight:	62 (KG)
Bit diameter:	138-165(mm)
Working Pressure:	12-24(Bar)
Air consumption:	12-22(M3/min)
Bit shank:	Mission50

Item Description	Part Number	Item Description	Part Number
1.Top Sub	JFM50-01	8.Piston	JFM50 -08
2.O-Ring	JFM50-02	9.Guide Sleeve	JFM50-09
3.Cap	JFM50-03	10.Bit Retainer Ring	JFM50-10
4.Check Valve	JFM50-04	11.O-Ring	JFM50-11
5.Spring	JFM50-05	12.Driver Sub	JFM50-12
6.Air Distributor	KM5A-06	13.Outer Sleeve	KM5A-13
7.Inner Cylinder	KM5A-07		

# High Air Pressure DTH Hammers JFM60



Hammer Length without bit:	1123(mm)
Top sub thread:	API 31/2" REG PIN
Outside diameter:	150 (mm)
Weight:	110(KG)
Bit diameter:	165-203(mm)
Working Pressure:	12-24(Bar)
Air consumption:	12-22(M3/min)
Bit shank:	Mission60

Item Description	Part Number	Item Description	Part Number
1.Top Sub	KM6A-01	8.Piston	KM6A-08
2.O-Ring	KM6A-02	9.Jump Ring	KM6A-09
3.Cap	KM6A-03	10.Guide Sleeve	KM6A-10
4.Check Valve	KM6A-04	11.Bit Retainer Ring	KM6A-11
5.Spring	KM6A-05	12.O-Ring	KM6A-12
6.Air Distributor	KM6A-06	13.Driver Sub	KM6A-13
7.Inner Cylinder	KM6A-07	14.Outer Sleeve	KM6A-14



# High Air Pressure DTH Hammers JFQ40



Hammer Length without bit:	900 (mm)
Top sub thread:	API 23/8"REG PIN
Outside diameter:	100(mm)
Weight:	35.5(KG)
Bit diameter:	115-140(mm)
Working Pressure:	12-24(Bar)
Air consumption:	8-14(M3/min)
Bit shank:	KQ4

Item Description	Part Number	Item Description	号 Part Number
1.Top Sub	JFQ4-01	8.Piston	JFQ4-08
2. O-Ring	JFQ4-02	9.Jump Ring	JFQ4-09
3.Cap	JFQ4-03	10.Guide Sleeve	JFQ4-10
4.Check Valve	JFQ4-04	11. Bit Retainer Ring	JFQ4-11
5.Spring	JFQ4-05	12. O-Ring	JFQ4-12
6.Air Distributor	JFQ4-06	13. Driver Sub	JFQ4-13
7.Inner Cylinder	JFQ4-07	14.Outer Sleeve	JFQ4-14

## DRILL PIPES



ThreadPin/Box	Wall thicknes (mm)	Length (mm)	Diameter (mm)	Wrench flats (mm)	Product No.
2 3/8 " API REG	6	1000	76	65	ZG-BZ-05
2 3/8 " API REG	6	1500	76	65	ZG-BZ-06
2 3/8 " API REG	6	2000	76	65	ZG-BZ-07
2 3/8 " API REG	6	3000	76	65	ZG-BZ-08
2 3/8 " API REG	5.5	1000	89	65	2G-BZ-09
2 3/8 " API REG	5.5	1500	89	65	ZG-BZ-10
2 3/8 " API REG	5.5	2000	89	65	ZG-BZ-11
2 3/8 " API REG	5.5	3000	89	65	ZG-BZ-12
2 3/8 " API REG	6.5	1000	89	65	ZG-BZ-13
2 3/8 " API REG	6.5	1500	89	65	ZG-BZ-14
2 3/8 " API REG	6.5	2000	89	65	ZG-BZ-15
2 3/8 " API REG	6.5	3000	89	65	ZG-BZ-16
2 3/8 " API REG	6.5	4500	89	65	ZG-BZ-17
2 3/8 " API REG	6.5	6000	89	65	ZG-BZ-18
2 3/8 " API REG	6.5	1000	102	75	ZG-BZ-19
2 3/8 " API REG	6.5	1500	102	75	ZG-BZ-20
2 3/8 " API REG	6.5	2000	102	75	ZG-BZ-21
2 3/8 " API REG	6.5	3000	102	75	ZG-BZ-22
2 3/8 " API REG	6.5	4500	102	75	ZG-BZ-23
2 3/8 " API REG	6.5	6000	102	75	ZG-BZ-24
3 1/2 " API REG	6.5	1000	114	95	ZG-BZ-25
3 1/2 " API REG	6.5	1500	114	95	ZG-B2-26



# 01

## SKIRT TYPE

DHD、MISSION、QL、CIR


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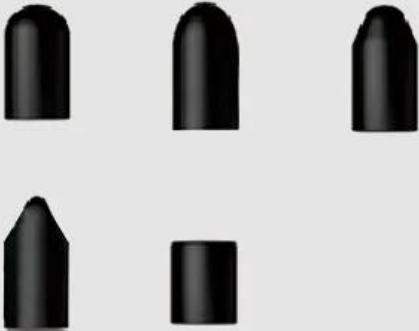
# 02

## FACE TYPE

Concave  
Flat  
Convex

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# 03

## BUTTON TYPE


Domed/Round Button  
Parabolic/Semi-Ballistic Button  
Ballistic Button  
Sharp Button  
Flat Button

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## Low Air Pressure Drill bits- CIR Series

Drill Bit	Bit Dia.(mm)	Splin Num.	Gauge Buttons
CIR60	60	4	3×φ12
CIR65	65	4	4×φ12
CIR70	76	4	5×φ12
CIR90	90	6	6×φ14
CIR90	100	6	6×φ14
CIR90	105	6	6×φ14
CIR90	110	6	6×φ14
CIR90	120	6	6×φ14
CIR90	130	6	7×φ14
CIR110	110	6	6×φ14
CIR110	120	6	6×φ14
CIR110	125	6	7×φ14
CIR110/CIR130	130	6	7×φ14
CIR110/CIR130	140	6	8×φ14
CIR110/CIR130	150	6	8×φ14
CIR150	150	6	9×φ16
CIR150	165	6	9×φ16
CIR150	175	6	9×φ16
CIR150	185	6	9×φ16
CIR150	200	6	9×φ16
CIR170	175	6	9×φ16
CIR170	185	6	9×φ16
CIR170	200	6	9×φ16
CIR170	220	6	12×φ16

## Low Air Pressure Drill bits- 110P Series

Drill Bit	Bit Dia. (mm)	Spl in Num.	Gauge Buttons
 KNSH-110 (P-110)	110	Bayonet	8 × φ 12 8 × φ 13 8 × φ 14
	130	Bayonet	8 × φ 14
 KNSH-130 (P-130)	130	Bayonet	8 × φ 14
	140	Bayonet	8 × φ 14
	160	Bayonet	8 × φ 14
 KNSH-110 (P-110)	110	Spline	8 × φ 12 8 × φ 13 8 × φ 14
	130	Spline	8 × φ 14
 KNSH-130 (P-130)	130	Spline	8 × φ 14





## High Air Pressure Drill bits- DHD Seires

Drill Bit	Bit Dia.(mm)	Spline Num.	Gauge Buttons
 <p>DHD340(Cop44)</p>	105	8	6×φ14
	110	8	6×φ14
	115	8	7×φ16
	120	8	7×φ16
	127	8	8×φ16
 <p>DHD350(Cop54 )</p>	140	8	8×φ16
	146	8	8×φ16
	152	8	8×φ18
	165	8	8×φ18
 <p>DHD360(Cop64)</p>	152	8	8×φ16
	165	8	8×φ18
	190	8	10×φ18
	203	8	10×φ18
 <p>DHD380(Cop84)</p>	203	10	10×φ18
	216	10	10×φ18
	254	10	12×φ18
	305	10	12×φ18

## High Air Pressure Drill bits- Mission Seires


Drill Bit	Bit Dia.(mm)	Spline Num.	Gauge Buttons
 <p>Mission40</p>	105	10	6×φ14
	110	10	6×φ14
	115	10	7×φ16
	120	10	7×φ16
	127	10	8×φ16
 <p>Mission50</p>	140	12	8×φ16
	146	12	8×φ16
	152	12	8×φ18
	165	12	8×φ18
 <p>Mission60</p>	152	8	8×φ16
	165	8	8×φ18
	190	8	10×φ18
	203	8	10×φ18
 <p>Mission80</p>	203	12	10×φ18
	216	12	10×φ18
	254	12	12×φ18


## High Air Pressure Drill bits- QL Seires

Drill Bit	Bit Dia.(mm)	Spline Num.	Gauge Buttons
 <p>QL40</p>	105	10	6×φ14
	110	10	6×φ14
	115	10	7×φ16
	120	10	7×φ16
	127	10	8×φ16
 <p>QL50</p>	140	12	7×φ18
	146	12	8×φ18
	152	12	8×φ18
	165	12	8×φ18
	178	12	8×φ18
 <p>QL60</p>	152	12	8×φ18
	165	12	8×φ18
	178	12	8×φ18
	190	12	10×φ18
	203	16	10×φ18
 <p>QL80</p>	203	16	10×φ18
	216	16	10×φ18
	254	16	12×φ18
	305	16	12×φ18



## TOP HAMMER THREAD BUTTON BITS


Bits	Diameter		Buttons.mm		Angle	Flushing hole		Part No.
	mm	in	Front No Size	Gauge NO Size		Front	Gauge	
Button bit								
	33	1 5/16"	2x7	5x7	35°	1	2	33R25-27/57-T7-01
	35	1 3/8"	2x7	5x9	30°	1	2	35R25-27/59-T7-01
	38	1 1/2"	2x7	5x9	30°	1	2	38R25-27/59-T7-01
	41	5/8"	2x8	5x9	35°	1	2	41R25-28/59-T7-01
	43	1 11/16"	2x8	5x10	35°	1	2	43R25-28/510-T7-01
	45	1 3/4"	2x9	5x10	35°	1	2	45R25-29/510-T7-01

Bits	Diameter		Buttons.mm		Angle	Flushing hole		Part No.
	mm	in	Front No Size	Gauge NO Size		Front	Gauge	
Button bit								
	43	1 11/16"	3x8	6x9	30°	3	1	43R25-38/69-T9-01
	45	1 3/8"	3x8	6x10	35°	3	1	45R25-38/610-T9-01
	48	1	3x9	6x10	35°	3	1	48R25-39/610-T9-

		29/64 "						01
	51	1 1/2"	3x 10	6x10	35°	3	1	51R25-310/610-T 9-01





Bits	Diameter		Buttons.mm		Angle	Flushing hole		Part No.
	mm	in	Front No Size	Gauge NO Size		Front	Gauge	


Button bit

	38	1 1/2"	2x 7	5x9	30°	1	2	38R28-27/59-T7-0 1
	38	1 1/2"	2x 7	5x9	35°	1	2	38R28-27/59-T7-0 2
	41	1 5/8"	2x 8	5x9	35°	1	2	41R28-28/59-T7-0 1
	43	1 11/16"	2x 8	5x10	35°	1	2	43R28-28/510-T7- 01
	45	1 3/4"	2x 9	5x10	35°	1	2	45R28-29/510-T7- 01


Button bit

	43	1 11/16"	3x 8	6x9	30°	3	1	43R28-38/69-T9-0 1
	45	1 3/4"	3x 8	6x10	35°	3	1	45R28-38/610-T9- 01
	48	1 7/8"	3x 9	6x10	35°	3	1	45R28-39/610-T9- 01

Bits	Diameter		Buttons.mm		Angle	Flushing hole		Part No.
	mm	in	Front No Size	Gauge NO Size		Front	Gauge	
<b>Button bit,Flat face</b>								
	76	3'	4x12	8x 12	35°	2	2	76T45-412/812-T12-01
	89	3 1/2"	5x 12	8x 12	35°	2	2	89T45-512/812-T13-01
	89	3 1/2"	6x 12	8x 12	35°	2	2	89T45-612/812-T14-01
	76	3'	6x10	8x 11	35°	2	2	76T45-610/811-T14-01
	89	3 1/2"	5x 12	8x 12	35°	2	2	89T45-512/812-T13-01
	89	3 1/2"	6x12	9x 12	35°	2	2	89T45-612/912-T15-01
	102	4'	7x 12	9x 12	35°	3	-	102T45-712/912-T16-01
	102	4'	7x 12	9x 13	35°	3	-	102T45-712/913-T16-01
<b>Button bit,Retrac,Drop center</b>								
	76	3"	4x11	6x 13	35°	3	-	76T45-411/613-Y10-01
	76	3"	4x 10	6x 12	35°	3	-	76T45-410/612-Y10-01
	89	3	5x	6x 13	35°	3	-	89T45-512/613-Y11-0

		1/2"	12					1
	76	3"	6x10	8x 11	35°	4	1	76T45-610/811-Y11-01
	89	3 1/2"	2x 10 4x 12	8x 12	35°	4	-	89T45-6/812-Y14-02
	89	3 1/2"	5x 12	8x 12	35°	4	-	89T45-512/812-Y13-01
	102	4"	6x 12	8x 14	35°	4	-	102T45-612/814-Y14-01
	115	4 1/2"	6x 13	8x 14	35°	4	-	115T45-613/814-Y14-01





its	Diameter		Buttons.mm		Angle	Flushing hole		Part No.
	m m	in	Front No Size	Gauge NO Size		Front	Gauge	
Reaming bit,T45								
	127	5"	1x 13 8x 13	8x 14	35°	2	-	127T45-17-K-01
	152	6"	1x 14 9x 14	9x 14	35°	2	-	152T45-19-K-01
Reaming bit,T45								
	115	4 1/2"	3x 10 6x 12	8x12	35°	2	-	115T45-17-K-02
	127	5"	3x 10 6x 14	8x14	35°	2	-	127T45-17-K-02


	15 2	6"	6x 12 6x 16	9x16	35°	2	-	152T45-21-K-02
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Bits	Diameter		Buttons.mm		Ang le	Flushing hole		Part No.
	mm	in	Front No Size	Gaug e NO Si ze		Fro nt	Gau ge	

Button bit, Flat face


	89	3 1/2"	5x12	8x 12	35°	2	2	89T51-512/812-T13-01
	89	3 1/2"	6x 12	8x 12	35°	2	2	89T51-612/812-T14-01
	102	4"	4x 14	8x 14	35°	2	2	102T51-414/814-T12-01

	89	3 1/2"	5x 12	8x 12	35°	2	2	89T51-512/812-T13-02
	102	4"	6x 14	8x 14	35°	2	1	102T51-614/814-T14-02
	115	4 1/2"	6x 14	8x 14	35°	2	1	115T51-614/814-T14-02

	89	3 1/2"	6x12	9x 12	35°	3	-	89T51-612/912-T15-01
	102	4"	7x 12	9x 12	35°	3	-	102T51-712/912-T16-01
	102	4"	7x 12	9x 13	35°	3	-	102T51-712/913-T16-01
	115	4 1/2"	7x 13	9x 13	35°	3	1	115T51-713/913

								-T16-01
	115	4 1/2"	6x 14	9x 14	35°	3	1	115T51-614/914 -T15-01
	89	3 1/2"	2x 10 4x 12	8x 12	35°	4	-	89T51-610/812- TA14-01
	89	3 1/2"	5x 12	8x 12	35°	4	-	89T51-512/812- TA13-01
	102	4"	6x 12	8x 13	35°	4	-	102T51-612/813 -TA14-01
	102	4"	6x 12	8x 14	35°	4	-	102T51-612/814 -TA14-01
	115	4 1/2"	6x 14	8x 14	35°	4	-	115T51-614/814 -TA14-01
	115	4 1/2"	6x 13	8x 14	35°	4	-	115T51-613/814 -TA14-01
	127	5"	7x 14	8x 14	35°	4	-	127T51-714/814 -TA15-01
	140	5 1/2"	7x 16	8x 16	35°	4	-	140T51-716/816 -TA15-01
	152	6"	8x 16	8x 16	35°	4	-	152T51-816/816 -TA16-01


Bits	Diameter		Buttons.mm		Ang le	Flushing hole		Part No.
	mm	in	Front No Size	Gaug e NO Si ze		Fro nt	Gau ge	
Button bit, Flat face								
	89	3 1/2"	5x12	8x 12	35°	2	2	89T51-512/812-Y13-01
	89	3 1/2"	6x 12	8x 12	35°	2	2	89T51-612/812-Y14-01
	102	4"	6x 14	8x 14	35°	2	2	102T51-614/814-Y12-01
	89	3 1/2"	5x12	8x 12	35°	2	2	89T51-512/812-Y13-02
	102	4"	6x 13	8x 14	35°	2	1	102T51-613/814-Y14-02
	115	4 1/2"	6x 13	8x 14	35°	2	1	115T51-613/814-Y14-02
	89	3 1/2"	6x12	9x 12	35°	3	-	89T51-612/912-Y15-01
	102	4"	7x 12	9x 12	35°	3	-	102T51-712/912-Y16-01
	102	4"	7x 12	9x 13	35°	3	-	102T51-712/913-Y16-01
	115	4 1/2"	7x 13	9x 13	35°	3	-	115T51-713/913-Y16-01
	115	4 1/2"	6x 14	9x 14	35°	3	-	115T51-614/914-Y15-01
	127	5"	8x 14	9x 14	35°	3	-	127T51-814/914

								-Y17-01
	140	5 1/2"	10x 14	9x 16	35°	3	-	140T51-1014/91 6-Y19-01
Button bit,Retrac,Drop center								
	89	3 1/2"	2x 10 4x 12	8x 12	35°	4	-	89T51-610/812- YA14-01
	89	3 1/2"	5x12	8x 12	35°	4	-	89T51-512/812- YA13-01
	102	4"	6x 12	8x 13	35°	4	-	102T51-612/813 -YA14-01
	102	4"	6x 12	8x 14	35°	4	-	102T51-612/814 -YA14-01
	115	4 1/2"	6x 14	8x 14	35°	4	-	115T51-614/814 -YA14-01
	115	4 1/2"	6x 13	8x 14	35°	4	-	115T51-613/814 -YA14-01
	127	5"	7x 14	8x 16	35°	4	-	127T51-714/816 -YA15-01
	140	5 1/2"6"	7x 16	8x 16	35°	4	-	140T51-716/816 -YA15-01
	152	6"	8x 16	8x 16	35°	4	-	152T51-816/816 -YA16-01
Reaming bit,T51								
	127	5"	1x 13 8x 13	8x 14		2	-	127T51-17-K-01
	152	6"	1x 14 9x 14	9x 14		2	-	152T51-19-K-01




Bits	Diameter		Buttons.mm		Angle	Flushing hole		Part No.
	m	in	FrontNoSize	Gauge NO Size		Front	Gauge	






Button bit, Flat face


	92	3 5/8 "	6X 12	8X 13	35°	4	-	92GT60-612/813-T14-01
	102	4"	6X 12	8X 14	35°	2	1	102GT60-612/814-T14-01
	115	4 1/2 "	8X 13	9X 14	35°	2	1	115GT60-813/914-T17-01
	127	5"	8X 14	9X 16	35°	3	-	127GT60-814/916-T17-01


Button bit, Drop center

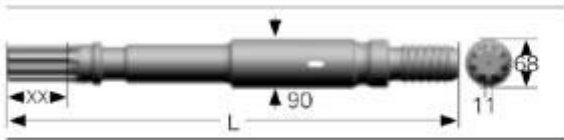
	92	3 5/8 "	2X 10 4X 12	8X 13	35°	4	-	92GT60-612/813-TA14-01
	102	4"	6X 12	8X 14	35°	4	-	102GT60-612/814-TA14-01
	115	4 1/2 "	6X 14	8X 14	35°	4	-	115GT60-614/814-TA14-01
	127	5"	7X 14	8X 16	35°	4	-	127GT60-714/816-TA15-01

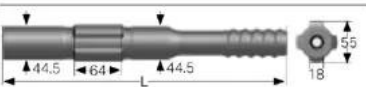
## SHANK ADAPTORS AND COUPLER

DESCRIPTION	THREAD	LENGTH	PART NO.
Atlas Copco COP 1840 HE, COP 1850			
	T35	565	7307-3690-01
	T38	565	7304-3690-02
	T45	565	7305-3690-02
	T51	565	7306-3690-03
Atlas Copco COP 1850 SPEC			
	T51	565	7306-3691 -01
Atlas Copco COP 2150. COP 2550			
	T51	770	7306-3692-01
Atlas Copco COP 2160, COP 2560			
	T51	770	7306-3689-01
	GT60	770	7600-3689-01
Atlas Copco COP 2160EX/2560EX			
	T51	770	7306-3699-01
	GT60	770	7600-3699-01

Atlas Copco COP 3038			
	T45	435	7305-3667-01
	T35	525	7307-3671-01

Atlas Copco COP 4050 ME			
	GT60	700	7600-3712-01


Atlas Copco COP 4050 MUX			
	ST6B	835	7329-3720-01
	ST58	835	7328-3720-01

DESCRIPTION	THREAD	LENGTH (MM)	PART NO.
Furukawa M 120 and PD 200			
	R32	330	7803-7500-61
	T38	380	7304-7543-60
	T38	AA6	7304-7500-60
Furukawa PD 200R			

	T38	484	7304-7581-60
Furukawa HD 609			
	T38	620	7304-4791-01
	T38	690	7304-4780-01
	T45	620	7305-4791-01
Furukawa HD 612			
	T45	710	7305-7414-01
Furukawa HD 709			
	T38	620	7304-7426-01
Furukawa HD 712			
	T45	788	7305-7417-01
Furukawa HD 715 RP			

	T35	885	7306-7424-01
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DESCRIPTION	THREAD	LENGTH (MM)	PART NO.
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Montabert HC 40			
	R32	447	7803-4725-01
	T38	447	7304-4725-01

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Montabert HC 40 (female)			
	R32	270	7803-4726-01

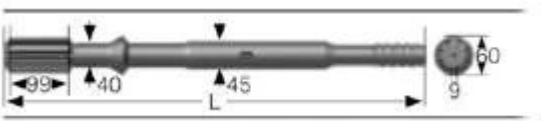
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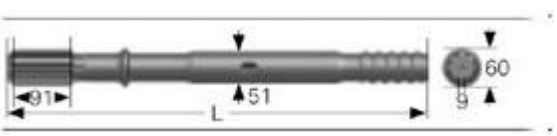
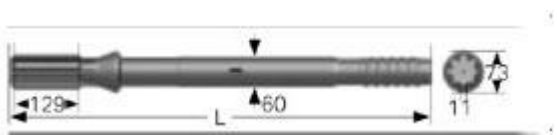

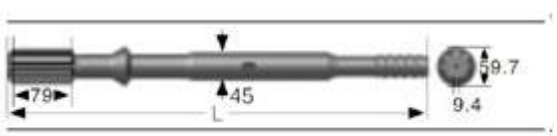

Montabert HC 80, HC 90, HC 105			
	R38	440	7804-4720-01
	T38	如 0	7304-4720-01
	R32	440	7803-4720-01

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Montabert HC 8OR, HC 120R, HC 110RP			
	T35	670	7307-7544-01

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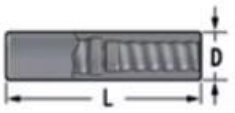




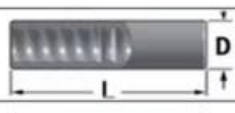



Montabert HC 8OR, HC 105R, HC 107R, HC 108R, HC 109R			
	T38	670	7304-7544-01

Montabert HC 80. HC 120			
	T45	490	7305-7520-01
Montabert HC 120R, HC 150R, HC 155R, HC 158R			
	T51	670	7306-7528-02
Montabert HC 200A			
	T51	840	7306-7530-02
	GT60	040	7600-7530-02
Montabert HC40 HC50HOLE (MM)			
	R38	390	7803-4726-02
Montabert HC109			
	T45	520	7304-7544-02
Montabert HC120 HC150			
	T38	490	7305-7520 02

DESCRIPTION	THREAD	LENGTH (MM)	PART NO.
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HLX1			
	R23	235	7807-7570-01
	R25	255	7802-7567-01
	R23	255	7807-7567-01
	R28	255	7809-7567-01
HL 300			
	R32	400	7803-7549-01
HL 300S			
	R32	245	7803-7547-01
RD308/RD314/RD414			
	R32	205	7803-7663-01
	138	410	7304-7672-01
	T35	410	7307-7672-01
	R32	410	7803-7672-01

# COUPLER

Structure chart	Length		Diamet		Thread	Weight(kg)
	mm	inch	mm	inch		
	155	6 1/8	44	1 3/4	R32	1.0
	150	5 7/8	35	1 3/8	R25	0.7
	160	6 5/16	38	1 1/2	R25	1.3
	150	5 7/8	45	1 3/4	R25-R32	1.1
	160	6 5/16	45	1 3/4	R25-R32	1.2
	160	6 5/16	56	1 13/64	R25-R38	2.5
	170	6 3/4	56	1 13/64	R25-R38	3.2
	150	5 7/8	44	1 3/4	R32	1.0
	150	5 7/8	40	1 37/64	R28	0.9
	170	6 3/4	55	2 5/32	R38	2.0
	160	6 5/16	45	1 3/4	R28-R32	1.2
	160	6 5/16	56	1 13/64	R28-R32	2.5
	170	6 3/4	55	2 5/32	R38	1.8
	190	7 1/2	55	2 5/32	T38	2.0
	150	6 1/8	45	1 3/4	R25-R32	1.1
	160	6 1/4	45	1 3/4	R25-R32	1.2
	160	6 1/4	45	1 3/4	R28-R32	1.2
	160	6 1/4	55	2 5/32	R32-R38	1.8
	170	6 3/4	55	2 5/32	R32-R38	2.0
	180	7 1/16	55	2 5/32	R32-R38	2.2
	210	8 1/4	55	2 5/32	R32-R38	2.8
	170	6 3/4	56	2 1/8	R32-T38	2.1
	180	7 1/16	56	2 1/8	R32-T38	2.2
	210	8 1/4	56	2 1/8	R32-T38	2.8
	190	7 1/2	63	2 33/64	R32-T45	3.2
	150	6 1/8	44	1 3/4	R32	1.0
	160	6 1/4	44	1 3/4	R32	1.1
	191	7 1/2	52	2	T38-R35	/
	170	6 2/3	55	2 3/16	R38	1.8
	175	6 8/9	55	2 3/16	R38	2.0



## JACK HAMMER



MODEL	HY18	YO18	HY20	Y24	YT24	YT28
Cylinder Diameter	58mm	58mm	64mm	70mm	70mm	80mm
Working Pressure	0.4Mpa	0.4Mpa	0.4Mpa	0.5Mpa	0.5Mpa	0.4-0.63Mpa
Air Consumption	1.4 m3/min	1.4 m3/min	1.7 m3/min	2.6 m3/min	2.6 m3/min	3.0m3/min
Drill Pipe Size	B22*108mm	B22*108mm	B22*108mm	B22*108mm	B22*108mm	B22*108mm
Weight	18kg	18kg	21kg	26kg	26kg	28.5kg
Package Size (mm)	590*280*180	590*280*180	590*280*180	735*305*218	735*305*218	735*305*218
Air Leg	FT100	FT100	FT100	FT100	FT100	FT100

## Piston AIR COMPRESSOR



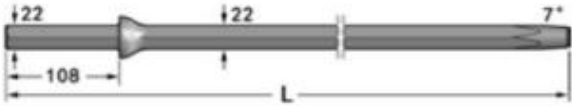
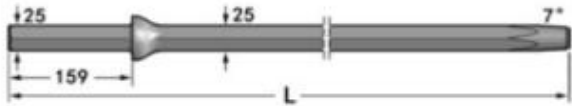
Model	W1.8/5	W2.8/5	W3.0/5	W3.5/5	W3.2/7
Air Flow (m <sup>3</sup> /min)	1.8	2.8	3	3.5	3.2
Pressure (Mpa)	0.5	0.5	0.5	0.5	0.7
Speed (r/min)	1150	1080	1070	1100	1000
Dia&Qty of Cylinder	Φ 100*3	Φ 115*3	Φ 120*3	Φ 125*3	Φ 125*3
Diesel Engine	S1100/15HP	S1110/20HP	S1110/20HP	S1115/22HP	S1115/25HP
Tank (L)	140	160	160/200	200	240
Weight (kg)	320	480	480	530	550
Size (mm)	1700*710*1000	1780*870*1235	1780*870*1235	1780*870*1235	1800*900*1300

## TAPERED BUTTON BITS



Diameter		For class of rock	Tap size(mm)	Taper	Weight(kg)	P/N
mm	inch		Height^Width			
38	1 1/2	8-12	13.5X8	7 °	0.33	C38-1-1
38	1 1/2	10-14	13.5X8	7 °	0.33	C38-1-2
38	1 1/2	8-12	15X9	7 °	0.33	C38-2-1
38	1 1/2	10-14	15X9	7 °	0.33	C38-2-2
40	1 37/64	8-12	13.5X9.2	7 °	0.38	C40-1-1
40	1 37/64	10-14	13.5X9.2	7 °	0.38	C40-1-2
40	1 37/64	14-16	13.5X9.2	7 °	0.38	C40-1-3
40	1 37/64	16-18	13.5X9.2	7 °	0.38	C40-1-4
42	1 2/3	8-12	13.5X9.2	7 °	0.41	C42-1-1
42	1 21/32	10-14	13.5X9.2	7 °	0.41	C42-1-2
42	1 21/32	14-16	13.5X9.2	7 °	0.41	C42-1-3
42	1 21/32	16-18	13.5X9.2	7 °	0.41	C42-1-4
43	1 11/16	8-12	13.5X9.2	7 °	0.42	C43-1-1
43	1 11/16	10-14	13.5X9.2	7 °	0.42	C43-1-2
43	1 11/16	8-12	15X9.8	7 °	0.42	C43-2-1
43	1 11/16	10-14	15X9.8	7 °	0.42	C43-2-2

# TAPERED DRILL RODS

Drill Rods 钎杆	长度 Length		重量 Weight (kg)	P/N
	毫米 mm	英寸 inch		
六棱锥度钎杆 Hex. Taperd rod 	600	2'	1.93	H22-7-0600
	800	2'6"	2.54	H22-7-0800
	1000	3'3"	3.15	H22-7-1000
	1200	3'9"	3.76	H22-7-1200
	1500	4'11"	4.68	H22-7-1500
	1600	5'3"	4.98	H22-7-1600
	1800	5'9"	5.59	H22-7-1800
	2000	6'7"	6.20	H22-7-2000
	2200	7'2"	6.81	H22-7-2200
	2300	7'6"	7.12	H22-7-2300
	2400	7'9"	7.42	H22-7-2400
	2500	8'2"	7.73	H22-7-2500
	2600	8'8"	8.03	H22-7-2600
	3000	9'10"	9.25	H22-7-3000
	3500	11'5"	10.78	H22-7-3500
	4000	13'1"	12.30	H22-7-4000
	4500	14'8"	13.83	H22-7-4500
	5000	16'4"	15.35	H22-7-5000
	5500	18'1"	16.88	H22-7-5500
	6000	19'7"	18.30	H22-7-6000
	4000	13'1"	16.10	H25-7-4000
	4700	15'4"	18.90	H25-7-4700
	5000	16'4"	22.10	H25-7-5000
	5500	18'1"	22.10	H25-7-5500
	6000	19'7"	24.10	H25-7-6000

## DRILL RIG

FY 180 Steel crawler water well drilling rig			
The weight (T)	5.2	Drill pipe diameter (mm)	Φ76 Φ89
The hole diameter (mm)	140-254	Drill pipe length (m)	1.5m 2.0m 3.0m
Drilling depth (m)	180	Rig lifting force (T)	12
One-time advance length (m)	3.3	Rapid rise speed (m/min)	20
Walking speed (km/h)	2.5	Fast feeding speed (m/min)	40
Climbing angles (Max.)	30	Width of loading (m)	2.4
Equipped capacitor (kw)	60	Hoisting force of winch (T)	----
Using air pressure (MPA)	1.7-2.5	Swing torque (N.m)	3200-4600
Air consumption (m <sup>3</sup> /min)	17-31	Dimension (mm)	4000×1630×2250
Swing speed (rpm)	45-70	Equipped with hammer	Medium and high wind pressure series
The penetration efficiency (m/h)	10-35	High leg stroke (m)	1.4



FYX 200 Crawler water well drilling rig			
The weight (T)	4.7	Drill pipe diameter (mm)	Φ76 Φ89
The hole diameter (mm)	140-254	Drill pipe length (m)	1.5m 2.0m 3.0m
Drilling depth (m)	200	Rig lifting force (T)	13
One-time advance length (m)	3.3	Rapid rise speed (m/min)	30
Walking speed (km/h)	2.5	Fast feeding speed (m/min)	60
Climbing angles (Max.)	30	Width of loading (m)	2.6
Equipped capacitor (kw)	58	Hoisting force of winch (T)	1.5
Using air pressure (MPA)	1.7-2.5	Swing torque (N.m)	3400-4700
Air consumption (m <sup>3</sup> /min)	17-31	Dimension (mm)	3950×1750×2250
Swing speed (rpm)	45-70	Equipped with hammer	Medium and high wind pressure series
The penetration efficiency (m/h)	10-35	High leg stroke (m)	1.4



FY 260 crawler water well drilling rig			
The weight (T)	5.7	Drill pipe diameter (mm)	Φ76 Φ89
The hole diameter (mm)	140-305	Drill pipe length (m)	1.5m 2.0m 3.0m
Drilling depth (m)	260	Rig lifting force (T)	15
One-time advance length (m)	3.3	Rapid rise speed (m/min)	24
Walking speed (km/h)	2.5	Fast feeding speed (m/min)	40
Climbing angles (Max.)	30	Width of loading (m)	2.73
Equipped capacitor (kw)	76	Hoisting force of winch (T)	1.5
Using air pressure (MPA)	1.7-2.5	Swing torque (N.m)	4000-5300
Air consumption (m <sup>3</sup> /min)	17-31	Dimension (mm)	3900*1750*2250
Swing speed (rpm)	45-70	Equipped with hammer	Medium and high wind pressure series
The penetration efficiency (m/h)	10-35	High leg stroke (m)	1.4



FY 300A crawler water well drilling rig			
The weight (T)	6.8	Drill pipe diameter (mm)	Φ76 Φ89
The hole diameter (mm)	140-325	Drill pipe length (m)	1.5m 2.0m 3.0m
Drilling depth (m)	300	Rig lifting force (T)	18
One-time advance length (m)	3.3	Rapid rise speed (m/min)	22
Walking speed (km/h)	2.5	Fast feeding speed (m/min)	40
Climbing angles (Max.)	30	Width of loading (m)	2.6
Equipped capacitor (kw)	85	Hoisting force of winch (T)	2
Using air pressure (MPA)	1.7-3.0	Swing torque (N.m)	5700-7500
Air consumption (m <sup>3</sup> /min)	17-36	Dimension (mm)	4100×2000×2260
Swing speed (rpm)	40-70	Equipped with hammer	Medium and high wind pressure series
The penetration efficiency (m/h)	15-35	High leg stroke (m)	1.4





FY 300B crawler water well drilling rig			
The weight (T)	8	Drill pipe diameter (mm)	Φ76 Φ89 Φ102
The hole diameter (mm)	140-305	Drill pipe length (m)	1.5m 2.0m 3.0m 6.0m
Drilling depth (m)	300	Rig lifting force (T)	18
One-time advance length (m)	6.6	Rapid rise speed (m/min)	22
Walking speed (km/h)	2.5	Fast feeding speed (m/min)	40
Climbing angles (Max.)	30	Width of loading (m)	2.6
Equipped capacitor (kw)	85	Hoisting force of winch (T)	2
Using air pressure (MPA)	1.7-3.0	Swing torque (N.m)	5700-7500
Air consumption (m <sup>3</sup> /min)	17-36	Dimension (mm)	5900×1850×2200
Swing speed (rpm)	40-70	Equipped with hammer	Medium and high wind pressure series
The penetration efficiency (m/h)	15-35	High leg stroke (m)	1.4



FY 350 crawler water well drilling rig			
The weight (T)	8.6	Drill pipe diameter (mm)	Φ89 Φ102
The hole diameter (mm)	140-325	Drill pipe length (m)	1.5m 2.0m 3.0m 6.0m
Drilling depth (m)	350	Rig lifting force (T)	22
One-time advance length (m)	6.6	Rapid rise speed (m/min)	18
Walking speed (km/h)	2.5	Fast feeding speed (m/min)	33
Climbing angles (Max.)	30	Width of loading (m)	2.7
Equipped capacitor (kw)	91	Hoisting force of winch (T)	2
Using air pressure (MPA)	1.7-3.4	Swing torque (N.m)	6200-8500
Air consumption (m <sup>3</sup> /min)	17-36	Dimension (mm)	6000×2000×2550
Swing speed (rpm)	66-135	Equipped with hammer	Medium and high wind pressure series
The penetration efficiency (m/h)	15-35	High leg stroke (m)	1.4



FY 400 crawler water well drilling rig			
The weight (T)	9.2	Drill pipe diameter (mm)	Φ89 Φ102
The hole diameter (mm)	140-325	Drill pipe length (m)	1.5m 2.0m 3.0m 6.0m
Drilling depth (m)	400	Rig lifting force (T)	24
One-time advance length (m)	6.6	Rapid rise speed (m/min)	18
Walking speed (km/h)	2.5	Fast feeding speed (m/min)	33
Climbing angles (Max.)	30	Width of loading (m)	2.7
Equipped capacitor (kw)	92	Hoisting force of winch (T)	2
Using air pressure (MPA)	1.7-3.4	Swing torque (N.m)	6500-9000
Air consumption (m <sup>3</sup> /min)	17-36	Dimension (mm)	6000×2000×2550
Swing speed (rpm)	66-135	Equipped with hammer	Medium and high wind pressure series
The penetration efficiency (m/h)	15-35	High leg stroke (m)	1.4



FY 450 crawler water well drilling rig			
The weight (T)	9.2	Drill pipe diameter (mm)	Φ89 Φ102
The hole diameter (mm)	140-350	Drill pipe length (m)	1.5m 2.0m 3.0m 6.0m
Drilling depth (m)	450	Rig lifting force (T)	25
One-time advance length (m)	6.6	Rapid rise speed (m/min)	20
Walking speed (km/h)	2.5	Fast feeding speed (m/min)	40
Climbing angles (Max.)	30	Width of loading (m)	2.8
Equipped capacitor (kw)	110	Hoisting force of winch (T)	2
Using air pressure (MPA)	1.7-3.5	Swing torque (N.m)	7000-9500
Air consumption (m <sup>3</sup> /min)	17-36	Dimension (mm)	6150*2200*2600
Swing speed (rpm)	30-135	Equipped with hammer	Medium and high wind pressure series
The penetration efficiency (m/h)	15-35	High leg stroke (m)	1.6





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