

## PICK HAMMER

This new light weight breaker offers high efficiency for greater work comfort  
Light yet powerful, Suitable for digging soft rocks and crushing and ditching concrete.



**OK-7**



**OK-13A**

Model	Weight	Overall length	Number of blows	Air consumption	Shank size	Inside diameter of hose	Hose adapter thread
	kg	mm	min <sup>-1</sup>	m <sup>3</sup> /min	mm	mm	
OK-7	7	470	1300	1.2	ø26 x 80	19	R3/4
OK-13A	13.1	640	1000	1.5	ø25 x 75	19	R3/4

## HAND DRILL

Widely used for breaking rocks in quarries or for road constructions and other civil engineering work.



**OK-6D**



**OK-160C**



**OK-240C**



**OK-850C**

Model	Weight	Overall length	Number of blows	Air consumption	Shank size	Inside diameter of hose	Hose adapter thread
	kg	mm	min <sup>-1</sup>	m <sup>3</sup> /min	mm	mm	R3/4
OK-6D	5.7	424	2400	0.85	H19 x 83	19	R3/4
OK-160C	17	580	2400	2.1	H22 x 83	19	R3/4
OK-240C	24	610	2500	2.7	H22 x 108	19	R3/4
OK-850C	25	615	2500	3.5	H22 x 108	19	R3/4

## PAVING BREAKER

Effective for simple work on roads, ditching, breaking hard concrete structure, etc.



OK-40



OK-60



OK-90

Model	Weight	Overall length	Number of blows	Air consumption	Shank size	Inside diameter of hose	Hose adapter thread
	kg	mm	min <sup>-1</sup>	m <sup>3</sup> /min	mm	mm	
OK-40	18.5	665	1300	1.4	H25 x 108	19	R3/4
OK-60	30.5	666	1550	1.4	H32 x 152	19	R3/4
OK-90	42	747	1400	2.2	H32 x 152	19	R3/4

### For Chipping hammer



Steel (Round shank)



Steel (Hexagon shank)



Spade

### For Pick hammer



Pick steel



Spade

### For Paving hammer



Steel (Hexagon shank)



Spade (Hexagon shank)



Steel (Round shank)



Spade (Round shank)

## HOSE FITTING PARTS



Band



Spat



Nut



Stem

## LEG DRILL

These medium-sized and large-sized drills for horizontal drilling are proven evaluated at mines, tunnel construction, dam construction, etc.



**OK-240LD**



**OK-280LD**



**OK-850LD**

Model	Weight	Overall length	Number of blows	Air consumption	Shank size	Inside diameter of hose	Hose adapter thread	Leg used
	kg							
OK-240LD	26	660	1850	2.7	H22 x 108	19	R3/4	SL-30
OK-280LD	30	675	2500	3.5	H22 x 108	19	R3/4	SL-40
OK-850LD	25	615	2500	3.5	H22 x 108	19	R3/4	SL-50

## SUPPORT LEG



**SUPPORT LEG**

Easy to use on both hard and soft rock.  
Good stability in a tool designed especially for upward drilling.

Model	Weight	Length	Length Extended	Feed Length	Feed Cylinder Dia
	kg	mm	mm	mm	mm
SL-30	12	1395	2360	965	56
SL-40	15.2	1750	2960	1210	62
SL-50	13	1530	2530	1000	65

## FLAME JET BURNER

Flame Cutting is a way to cutting rocks with high efficiency and the character of easily operating.  
It is driven by the diesel oil as the fuel, air compressor as the supporter of combustion.

Model	Weight	Overall Length	Consumption of Compressed air	Consumption of Diesel Oil	Hourly Output on granite	Burner Diameter	Normal cut width	Deepness of cut	Pressure of Compressed air
	kg								
OK-530	5.9	530	3-4	30-35	1.5-2	75	80-110	5-10	6-9
OK-450	4.6	450	3-4	30-35	1.5-2	75	80-110	5-10	6-9



**OK-530**



**OK-450**

## PALM DRILL

- Cutting stones
- Anchoring work
- Drilling large boulders, rock bed, objects of civil engineering



OK-6D

Since an oil sump is installed, durability of parts is improved greatly.  
The red turns to the right so that it can drive anchor bolts.

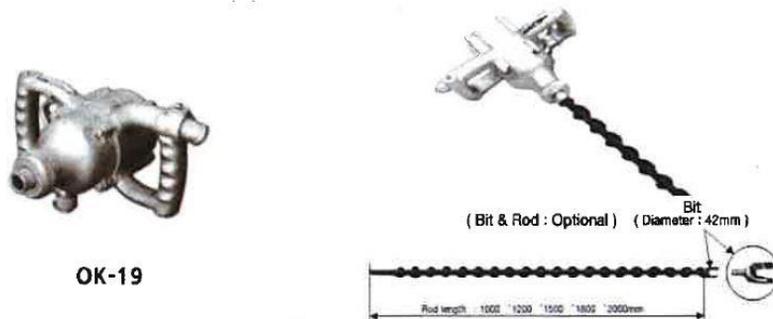
Model	Weight	Overall length	Number of blows	Air consumption	Shank size	Inside diameter of hose	Hose adapter thread
	kg						
OK-6D	5.9	424	3400	0.85	ø19-H14.6 x 88	13	G3/8

## FOR PALM DRILL

<b>Carr bit</b>  For 15T Gauge : 20, 22mm For 19T Gauge : 24 ~ 38mm	<b>Wedge</b>  <table border="1"> <thead> <tr> <th>Blade ( mm )</th> <th>Wedge ( mm )</th> <th>Diameter ( mm )</th> </tr> </thead> <tbody> <tr><td>150</td><td>205</td><td>28</td></tr> <tr><td>150</td><td>205</td><td>30</td></tr> <tr><td>145</td><td>235</td><td>32</td></tr> <tr><td>150</td><td>240</td><td>34</td></tr> <tr><td>160</td><td>245</td><td>36</td></tr> <tr><td>165</td><td>260</td><td>38</td></tr> </tbody> </table>	Blade ( mm )	Wedge ( mm )	Diameter ( mm )	150	205	28	150	205	30	145	235	32	150	240	34	160	245	36	165	260	38
Blade ( mm )	Wedge ( mm )	Diameter ( mm )																				
150	205	28																				
150	205	30																				
145	235	32																				
150	240	34																				
160	245	36																				
165	260	38																				
<b>Cross bit</b>  For 15T Gauge : 20, 22mm For 19T Gauge : 24 ~ 38mm	<b>Wedge for breaker</b>  <table border="1"> <thead> <tr> <th>Blade ( mm )</th> <th>Wedge ( mm )</th> <th>Diameter ( mm )</th> </tr> </thead> <tbody> <tr> <td>600</td> <td>155</td> <td>38</td> </tr> </tbody> </table>	Blade ( mm )	Wedge ( mm )	Diameter ( mm )	600	155	38															
Blade ( mm )	Wedge ( mm )	Diameter ( mm )																				
600	155	38																				
<b>Taper rod for 15T ( 20 ~ 22mm )</b>  Overall length ( mm ) : 200,300,400,500,600,700,800,900,1000,2000	<b>Wedge</b> 																					
<b>Snake-head rod for 19T ( 24 ~ 38mm )</b>  Overall length ( mm ) : 300,400,500,600,700,800,900,1000,1200																						
<b>Insert bit</b>  <table border="1"> <thead> <tr> <th>Edge width ( mm )</th> <th>Length ( mm )</th> </tr> </thead> <tbody> <tr><td>14.0</td><td>250,300,350,400,500</td></tr> <tr><td>16.0</td><td>250,300,400,500,600,700,800,1000</td></tr> <tr><td>18.0</td><td>280,400,500,600,700,800,1000</td></tr> <tr><td>20.0</td><td>280,400,500,600,700,800,1000</td></tr> <tr><td>22.0</td><td>280,400,500,600,700,800,1000</td></tr> </tbody> </table> Effective length is 120mm shorter than overall length.	Edge width ( mm )	Length ( mm )	14.0	250,300,350,400,500	16.0	250,300,400,500,600,700,800,1000	18.0	280,400,500,600,700,800,1000	20.0	280,400,500,600,700,800,1000	22.0	280,400,500,600,700,800,1000										
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22.0	280,400,500,600,700,800,1000																					

## AIR AUGER

Auger drills soft rocks and clayey rocks which cannot be drilled easily with impact rotary drills.



Model	Weight	Overall length	Revolution	Air consumption	Output	Inside diameter of hose	Hose adapter thread	Operation method
	kg	mm	min <sup>-1</sup>	m <sup>3</sup> /min	mm	mm		
OK-19	8.8	266	900~1000	2.2	2.1	19	R3/4	Direct lever

## AIR POWERED PUMPS-FOR SAFE HANDLING OF LIQUIDS UNDER DIFFICULT CONDITIONS

Diaphragm pump designed for construction, mining and industrial applications or process industry for polluted and/or viscous media, highly abrasive or inflammable fluids.

Model	Weight	Overall length	Air consumption	Max Head	Max. Flow	Sound Power level guaranteed	Sound Pressure level	Air Inlet/outlet
	kg	mm	l/s	m	l/s	dB	dB	In
Diaphragm pump	31	585*390	34	59	7	104	89	3/4,1



DIAPHRAGM PUMPS

## DIAMOND WIRE SAW

We developed the 50E machine to suit quarrying conditions.

In addition to a completely user-friendly design, the machine has a bolstered weight of 1300kg.

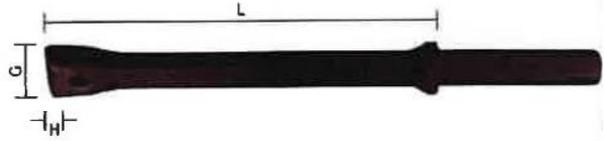
This provides better stability and accuracy in quarrying. For maximum efficiency we provide a comprehensive service package which includes training, commissioning and operative instructions.

Model	Weight	OutPut	Guide Wheel Dia	Min Wheel Dia	Wire Speed	Voltage	Track Length	Cutting Spread
	kg	37Kw(50hp)	mm	mm	Variable	380V	Meters	Approx
OK-DYNA50E	1600	37Kw(50hp)	800	380	0-356m/sec	440V-60HZ	3*3	2-7m <sup>2</sup> /hour

## INTEGRAL DRILL STEEL



### Integral Drill Steel



### Shank [H22\*108mm/7/8" \* 4 1/4"]

Effective Length(L)		Gauge	T/C Tip Size
mm	ft in	mm	( T x H )
800	2' 7 1/2"	34	10 x 18
1600	5' 3"	33	
2400	7' 10"	32	
3200	10' 6"	31	
4000	13' 1"	30	
4800	15' 9"	29	
5600	18' 4"	28	10 x 18
6400	21'	27	
800	2' 7 1/2"	40	
1600	5' 3"	39	
2400	7' 10"	38	
3200	10' 6"	37	
4000	13' 1"	36	
4800	15' 9"	35	
5600	18' 4"	34	

### Tapered Rod



Length		Shank & Tapered Rod Size
mm	ft in	
400	1' 1 3/4"	H22 x 108 x 6" TAPER
800	2' 7 1/2"	
1200	3' 11"	
1600	5' 3"	
2450	7' 10"	
3250	10' 6"	

\* We provide special length on your request

\* Any other Tapered angle and length will be supplied on your request.

### MF - Rod GT60



## ROD & SHANK

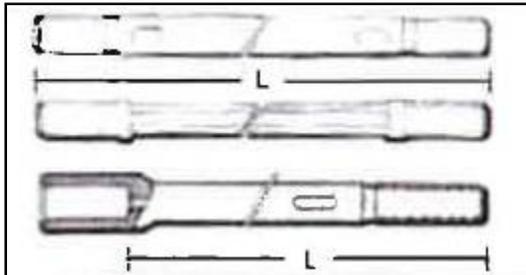
We can supply many kinds of shank adapters applied for several drifters, and its quality is ensured by strictly manufacturing control.

### EX - Rod / MF - Rod

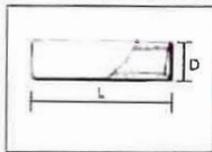


Length(L)		R.S
mm	ft	
3050	10'	R32 * 32R * R32
		R38 * 39R * R38
		R38 * 39R * T38
3660	12'	T38 * 39R * T38
		T45 * 46R * T45
		T51 * 52R * T51

\* We provide special size on your request.

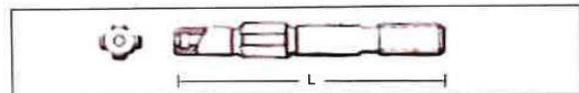


### Coupling Sleeve / Adapter



Thread	Dimension	
	(D)mm	(L)mm
R32	44	150
R38	55	190
T38	55	190
T45	63	210
T51	71	225
T38 / R38	55	185
T38 / T45	63	220

### Shank Adapter

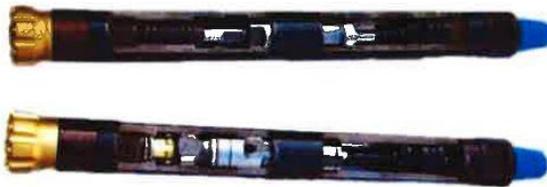


Rock Drill Type	Thread	(L)mm
VL 140	T38	380
PD 200	T38	484
COP 131	T38	380
HD 300	T38	655
HD 609	T38	620
HL 500	T38	550
HL 600	T38	525
VCR 360	T38	410
COP 1238	T38	575
COP 1550	T38	575
HD 612	T45	700
YH 65	T45	500
HC 120R	T45	490
YH 95RPS	T45	840
HL 1000	T51	670



## DOWN HOLE HAMMERS(DTH)

International manufactures the finest and most efficient Down-the-Hole(DTH) hammers and bits for the mining, construction and water well industries.



Model	Weight (with out bit)	Overall length (with out bit)	Piston Diameter	Piston Stroke	Hammer O.D	Back Head Connection	Chuck Connection
	kg	mm	mm	mm	mm		
OK-DHD30	23	924	63	110	78	2 3/8 API	INGERSOLL DHD 330
OK-DHD40	36	1023	80	110	98	19	HALCO MACH 44
OK-DHD50	56	1088	97	110	117	3 1/2 API	INGERSOLL DHD 350
OK-DHD60	92	1286	114	110	138	19	INGERSOLL DHD 360
OK-DHD80	175	1512	150	110	180	4 1/2 API	INGERSOLL DHD 380
OK-DHD100	335	1580	170	100	225	6 5/8 API	NUMA N100

## PNEUMATIC DRILLING SYSTEMS

### SLIM DRILLER

Pneumatic drill fitted with down the hole hammer especially suitable for preparing the lead holes for diamond wire cutting of granite and other difficult stones.

Model	Weight	Max, Drill Length	Drill Hole Dia	Extension Tube Length	Air Consumption
	kg	mm	mm	mm	CFM(Bar)
OK-SLIM DRILLER	150	3500	76-100	1500	180(6)



### LINER(SPHERICAL)

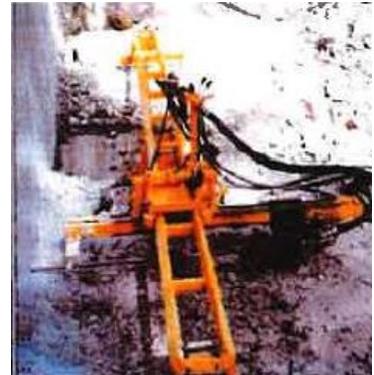
Light weight and block cutting machine, easily positioned in all working conditions. Rails with automatic thrust adjustment, air motor for travel along the rails incorporated air line oiler.

Model	Weight	Air Consumption	Track Length	Integral Drill Steel	Air Consumption
	kg	CFM	mm	m	CFM(Bar)
OK-LINER (SPHERICAL)	155	150	3000*2	1.6/2.4/3.2/4.8/6.4/8.0	180(6)



### LINER(HOR-DRILL)

A slide for horizontal drilling with cylinder operated down feed of chain feed horizon drill with guide, to drill series of horizontal holes near the quarry floor, also suitable for horizontal drilling to pass diamond wire into the rock mass



Model	Weight	Air Consumption	Track Length	Intergral Drill Steel
	kg	CFM	mm	m
OK-LINER (HOR-DRILL)	250	150	5000	1.6/2.4/3.2/4.8/6.4/8.0

## HYDRAULIC ROCK DRILL SPARE PARTS

Suppliers of various ranges of rock drill drifter spare parts for Atlas Copco, Furukawa, Sandvik(Tamrock) and Ingersoll Rand. Combining hydraulic drilling spare parts and service expertise with our experience. Should you require any additional information please do not hesitate to contact us. Assuring you of our best attention at all times.



## HYDRAULIC BREAKERS TOOL

All our tools are manufactured from the finest raw material and are subject to the very best state-of-the-art heat treatment process. This provides the customer with a tool which we are confident will meet the brutal demands of breaking rock.



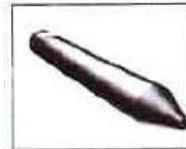
Moil point



Wedge



Blunt



Cone



## CLAW COUPLINGS

A universal coupling, suitable for low to medium compressed air applications, with a world-wide system use for compressed air in construction and industry. The coupling is available as hose end, with and without safety collar, a Female threaded adaptor and Male threaded adaptor.

Model	Thread	Hexagon	Pressure	Pressure
<b>Female Claw Coupling</b>	mm	mm	PSI	Bar
	1/2	27	150	10
	3/4	32	150	10
	1	41	150	10

Model	Thread	Hexagon	Pressure	Pressure
<b>Male Claw Coupling</b>	mm	mm	PSI	Bar
	1/2	27	150	10
	3/4	32	150	10
	1	40	150	10

Model	Thread	Hexagon	Pressure	Pressure
<b>Hose Claw Coupling</b>	mm	mm	PSI	Bar
	13	22-29	230	16
	19	28-34	230	16
	25	32-40	230	16

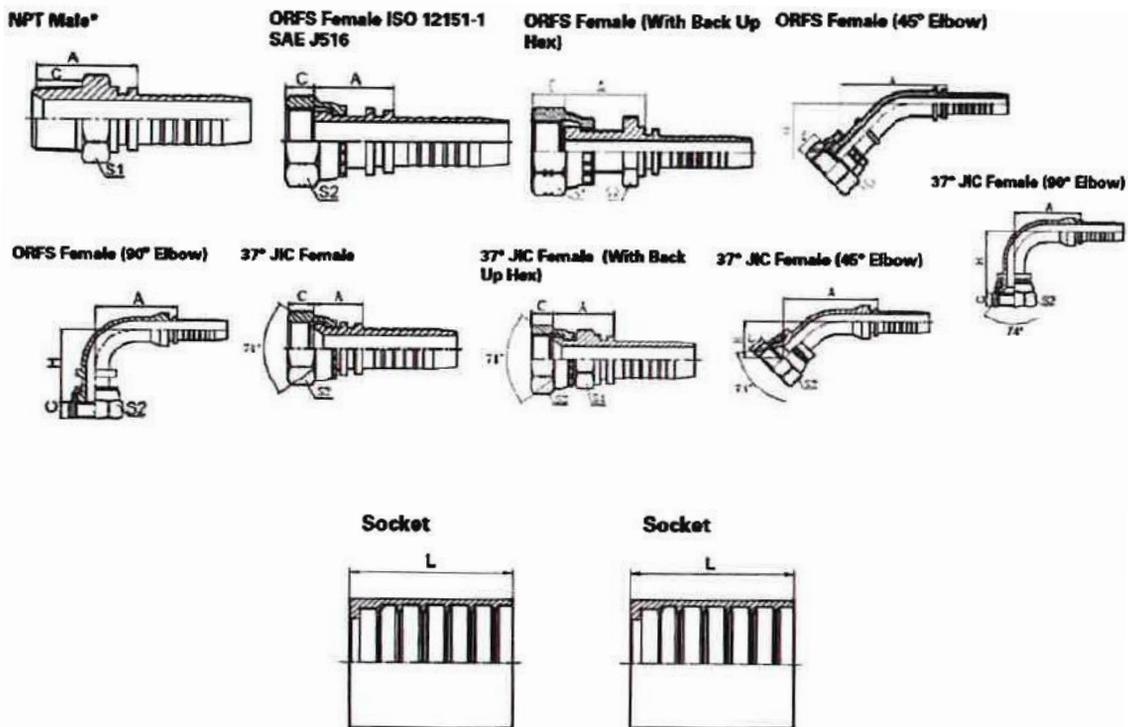
Model	Thread	Hexagon	Pressure	Pressure
<b>Hose Clamps</b>	mm	mm	PSI	Bar
	1/2	27	150	10
	3/4	32	150	10
	1	41	150	10



## TWO-PIECE HOSE FITTINGS

### Mining/Construction

Hose Products Division manufactures a wide range of interlock, multi-spiral, reusable, wire-braided fittings in one-piece and two-piece construction, a range of adapters (BSP, Metric, SAE, and JIS) and live swivel joints in its machine shop with CNC sliding-head turning machines with the capacity to turn over 20 million components annually. The division, with its in-house infrastructure in heat treatment with a continuous belt-type conveyor furnace and PLC-controlled fully automatic plating plant, supplies fittings to OEMs, distributors, and end users in various industry segments to several worldwide markets. The division also manufactures oil field fittings, such as integral hammer union fittings, integral female 1502 union fittings, slim hole rotary drilling fittings, and large hex male API fittings, etc.



- Plating is clear silver hexavalent chromium-free coating
- Material is carbon steel
- Hose skiving not required for ease of assembly

