

AIR, ELECTRIC & HYDRAULIC HAMMER ACCESSORIES



# PIONEER

TOOL & FORGE



*Pioneer quality makes the difference*

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## Terms and Conditions

- Approved safety gear such as hard hats, safety glasses, safety shoes and hearing protection should be worn at all times.
- Tools should only be used for the work for which they were designed. Never strike a tool with a hand held hammer. Tools are designed and heat treated for use only in power tool operations.
- Dull tools should never be used. They are hard on the hammer and will break from fatigue.
- Tools should not be altered in any way.
- Tools should never be used for prying. This is dangerous and causes breakage.
- Hammer parts should always be kept in good repair. Worn bushings and pistons cause excessive shank wear on tools.
- When temperatures are below freezing, warm tools prior to use.
- Proper reconditioning procedures should be followed to prevent premature breakage.

## Note

Other lengths and point styles are available. Please contact us for current pricing.

Free freight is provided for orders of \$1,500 net to continental US only.

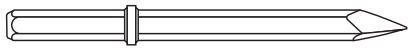
## Important Information

**WARNING:** This product can expose you to chemicals which are known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Warranty Information

Pioneer tools are guaranteed against defects in material and workmanship. Adjustments will be made on any tool which does not perform to your satisfaction, provided it has been properly used. No other warranty is expressed or implied in this catalog.

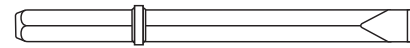
# PAVING BREAKERS



## STANDARD MOIL POINT

Shank Size (in)	Length Under Collar* (in)	Box Quantity	Weight (lbs)	Part Number
7/8 x 3-1/4	14	12	3.75	17114
	18	12	4.00	17118
1 x 4-1/4	14	10	4.50	18114
	18	10	5.25	18118
	24		6.75	18124
1-1/8 x 6	14	8	6.00	19114
	18	8	7.50	19118
	24		9.00	19124
1-1/4 x 6	14	8	7.50	10114
	18	8	9.00	10118
	24		12.00	10124
	36		16.50	10136

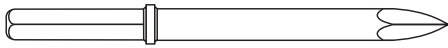
\* Longer lengths available



## STANDARD CHISEL

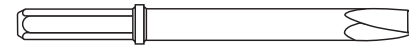
Shank Size (in)	Length Under Collar* (in)	Box Quantity	Weight (lbs)	Part Number
7/8 x 3-1/4	14	12	3.75	17214
	18	12	4.00	17218
1 x 4-1/4	14	10	4.50	18214
	18	10	5.25	18218
	24		6.75	18224
1-1/8 x 6	14	8	6.00	19214
	18	8	7.50	19218
	24		9.00	19224
1-1/4 x 6	14	8	7.50	10214
	18	8	9.00	10218
	24		12.00	10224
	36		16.50	10236

\* Longer lengths available



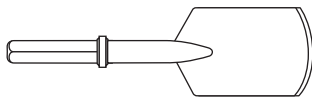
## HEAVY DUTY MOIL POINT

7/8 x 3-1/4	14	12	4.75	17114HD
	18	12	5.50	17118HD
1 x 4-1/4	14	10	5.00	18114HD
	18	10	6.00	18118HD
1-1/8 x 6	14	8	6.50	19114HD
	18	8	8.00	19118HD
1-1/4 x 6	14	8	8.00	10114HD
	18	8	9.75	10118HD



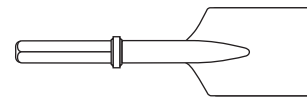
## HEAVY DUTY CHISEL

7/8 x 3-1/4	14	12	4.75	17214HD
	18	12	5.50	17218HD
1 x 4-1/4	14	10	5.00	18214HD
	18	10	6.00	18218HD
1-1/8 x 6	14	8	6.50	19214HD
	18	8	8.00	19218HD
1-1/4 x 6	14	8	8.00	10214HD
	18	8	9.75	10218HD



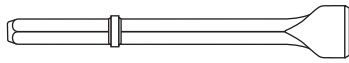
## CLAY SPADE

7/8 x 3-1/4		6	6.00	1755
1 x 4-1/4		6	7.00	1855
1-1/8 x 6		6	9.00	1955
1-1/4 x 6		6	9.50	1055



## 5" ASPHALT CUTTER

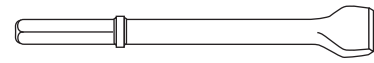
7/8 x 3-1/4		6	6.00	1750
1 x 4-1/4		6	7.00	1850
1-1/8 x 6		6	9.00	1950
1-1/4 x 6		6	9.50	1050



## STANDARD 3" CHISEL

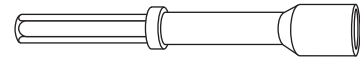
Shank Size (in)	Length Under Collar* (in)	Box Quantity	Weight (lbs)	Part Number
7/8 x 3-1/4	14	8	4.00	17314
	18	8	5.00	17318
1 x 4-1/4	14	8	5.00	18314
	18	8	5.75	18318
	24		7.25	18324
1-1/8 x 6	14	6	6.50	19314
	18	6	8.00	19318
	24		9.50	19324
1-1/4 x 6	14	6	8.00	10314
	18	6	9.75	10318
	24		12.50	10324
	36		18.00	10336

\* Longer lengths available



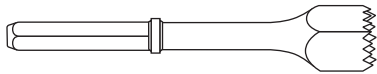
## HEAVY DUTY 3" CHISEL

Shank Size (in)	Length Under Collar (in)	Box Quantity	Weight (lbs)	Part Number
1 x 4-1/4	16	6	6.25	18316HD
	24		9.50	18324HD
1-1/8 x 6	16	6	8.00	19316HD
	24		12.00	19324HD
1-1/4 x 6	16	6	9.50	10316HD
	24		14.25	10324HD



## ROD OR PIN DRIVER

7/8 x 3-1/4	9	8	7.00	179220
1 x 4-1/4	9	8	7.00	189220
1-1/8 x 6	9	8	9.00	199220
1-1/4 x 6	9	8	11.50	109220



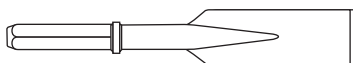
## BUSHING TOOL

7/8 x 3-1/4	9	8	6.50	1782
1 x 4-1/4	9	8	6.75	1882
1-1/8 x 6	9	8	7.00	1982
1-1/4 x 6	9	8	7.50	1082



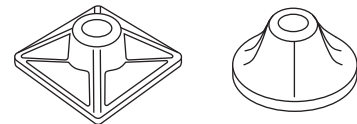
## ROCK BREAKER

1 x 4-1/4	14-1/2	5	9.75	1885
1-1/8 x 6	14-1/2	5	10.75	1985
1-1/4 x 6	14-1/2	5	11.25	1085



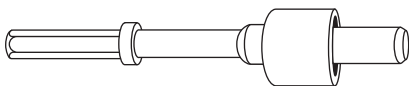
## DIGGING CHISEL (Blade 3" x 9")

1 x 4-1/4	16	6	6.75	1894
1-1/8 x 6	18	6	8.00	1994
1-1/4 x 6	18	6	8.50	1094



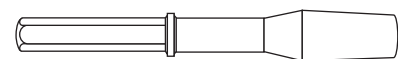
## TAMPING PAD

6" Square	N/A	1	14.00	1966
7" Round	N/A	1	16.00	196R



## PIPEDRIVERS®

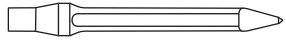
1-1/8 x 6	18	6	7.75	1984
1-1/4 x 6	18	6	8.00	1084
Cup Only	N/A		3.75	184C



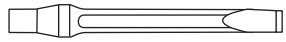
## DETACHABLE SHANK

1 x 4-1/4	N/A	8	5.25	1896
1-1/8 x 6	N/A	8	6.75	1996
1-1/4 x 6	N/A	8	7.25	1096

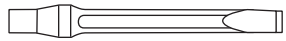
## JUMBO 11X RIVET BUSTER



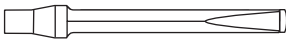
Item	Length (in)	Box Quantity	Weight (lbs)	Part Number
POINT	10	25	2.00	52110
	12	25	2.50	52112
	18	15	4.00	52118



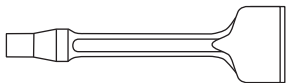
CHISEL	10	25	2.00	52210
	12	25	2.50	52212
	18	15	4.00	52218



SIDE CUT CHISEL	10	25	2.00	52310
	12	25	2.50	52312
	18	15	4.00	52318



CHISEL (Forged Corner to Corner)	10	25	2.00	52510
	12	25	2.50	52512
	18	15	4.00	52518

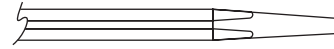


3" WIDE CHISEL	12	20	2.75	52612
	18	15	4.25	52618

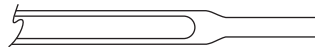


RIPPER	10	25	2.25	52810
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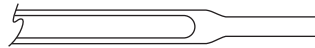
## JUMBO 11X BACKOUT PUNCH



Clearance (in)	Punch Diameter (in)	Box Quantity	Weight (lbs)	Part Number
STANDARD 10"	1/2	25	2.25	52700
	5/8	25	2.25	52710
	3/4	25	2.25	52720
	7/8	25	2.25	52740
	1	25	2.25	52760



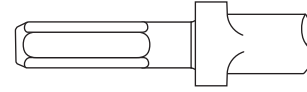
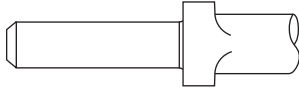
LONG CLEARANCE 4"	5/8	25	2.50	5271004
	3/4	25	2.50	5271204
	7/8	25	2.50	5271404
	1	25	2.50	5271604



LONG CLEARANCE 6"	5/8	20	2.75	5271006
	3/4	20	2.75	5271206
	7/8	20	2.75	5271406
	1	20	2.75	5271606

# CHIPPING HAMMERS

## RETAINER TYPES

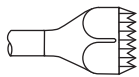


### ■ .680 ROUND SHANK – OVAL COLLAR

Item	Length (in)	Box Quantity	Weight (lbs)	Part Number
Point	9	25	1.25	36109
	12	25	1.75	36112
	18	20	2.50	36118
	24	20	3.50	36124
	36		5.25	36136
	48		7.00	36148
	60		8.75	36160
	72		10.50	36172
Chisel	9	25	1.25	36209
	12	25	1.75	36212
	18	20	2.50	36218
	24	20	3.50	36224
	36		5.25	36236
	48		7.00	36248
	60		8.75	36260
	72		10.50	36272
1-1/2" Chisel	9	25	1.25	36309
	12	25	1.75	36312
	18	20	2.50	36318
2" Chisel	9	25	1.25	36409
	12	25	1.75	36412
	18	20	2.50	36418
3" Chisel	9	25	1.25	36509
	12	25	1.75	36512
	18	20	2.50	36518

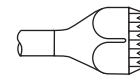
### ■ .580 HEX SHANK – OVAL COLLAR

Item	Length (in)	Box Quantity	Weight (lbs)	Part Number
Point	9	25	1.25	35109
	12	25	1.75	35112
	18	20	2.50	35118
	24	20	3.50	35124
	36		5.25	35136
	48		7.00	35148
	60		8.75	35160
	72		10.50	35172
Chisel	9	25	1.25	35209
	12	25	1.75	35212
	18	20	2.50	35218
	24	20	3.50	35224
	36		5.25	35236
	48		7.00	35248
	60		8.75	35260
	72		10.50	35272
1-1/2" Chisel	9	25	1.25	35309
	12	25	1.75	35312
	18	20	2.50	35318
2" Chisel	9	25	1.25	35409
	12	25	1.75	35412
	18	20	2.50	35418
3" Chisel	9	25	1.25	35509
	12	25	1.75	35512
	18	20	2.50	35518



### ■ BUSHING TOOL – 1-3/4" HEAD, 16 TEETH

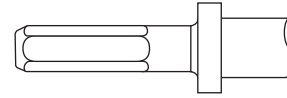
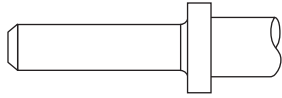
One Piece	9.5	15	3.00	3670
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### ■ BUSHING TOOL – 1-3/4" HEAD, 16 TEETH

One Piece	9.5	15	3.00	3570
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## RETAINER TYPES

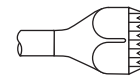
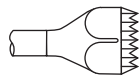


### ■ .680 ROUND SHANK – ROUND COLLAR

Item	Length (in)	Box Quantity	Weight (lbs)	Part Number
Point	9	25	1.25	36109R
	12	25	1.75	36112R
	18	20	2.50	36118R
	24	20	3.50	36124R
	36		5.25	36136R
	48		7.00	36148R
	60		8.75	36160R
	72		10.50	36172R
Chisel	9	25	1.25	36209R
	12	25	1.75	36212R
	18	20	2.50	36218R
	24	20	3.50	36224R
	36		5.25	36236R
	48		7.00	36248R
	60		8.75	36260R
	72		10.50	36272R
1-1/2" Chisel	9	25	1.25	36309R
	12	25	1.75	36312R
	18	20	2.50	36318R
2" Chisel	9	25	1.25	36409R
	12	25	1.75	36412R
	18	20	2.50	36418R
3" Chisel	9	25	1.25	36509R
	12	25	1.75	36512R
	18	20	2.50	36518R

### ■ .580 HEX SHANK – ROUND COLLAR

Item	Length (in)	Box Quantity	Weight (lbs)	Part Number
Point	9	25	1.25	35109R
	12	25	1.75	35112R
	18	20	2.50	35118R
	24	20	3.50	35124R
	36		5.25	35136R
	48		7.00	35148R
	60		8.75	35160R
	72		10.50	35172R
Chisel	9	25	1.25	35209R
	12	25	1.75	35212R
	18	20	2.50	35218R
	24	20	3.50	35224R
	36		5.25	35236R
	48		7.00	35248R
	60		8.75	35260R
	72		10.50	35272R
1-1/2" Chisel	9	25	1.25	35309R
	12	25	1.75	35312R
	18	20	2.50	35318R
2" Chisel	9	25	1.25	35409R
	12	25	1.75	35412R
	18	20	2.50	35418R
3" Chisel	9	25	1.25	35509R
	12	25	1.75	35512R
	18	20	2.50	35518R



### ■ BUSHING TOOL – 1-3/4" HEAD, 16 TEETH

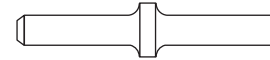
One Piece	9.5	15	3.00	3670R
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### ■ BUSHING TOOL – 1-3/4" HEAD, 16 TEETH

One Piece	9.5	15	3.00	3570R
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# SCALING CHISELS

## RETAINER TYPES



### .401 ROUND SHANK PARKER TAPER

Item	Length (in)	Weight (lbs)	Part Number
Point	7	.50	390107
	12	1.00	390112
	18	1.25	390118
1/2" Chisel	7	.50	390207
	12	1.00	390212
	18	1.25	390218
3/4" Chisel	7	.50	392207
	12	1.00	392212
	18	1.25	392218
1-1/4" Chisel	7	.50	390307
	12	1.00	390312
	18	1.25	390318
1-1/4" Angle Chisel	7	.50	390707
	12	1.00	390712
	18	1.25	390718

(Box Quantity 25)

### .401 ROUND SHANK PARKER TAPER NON-TURN

Item	Length (in)	Weight (lbs)	Part Number
3/4" Chisel	7	.50	392207N
	10	.75	392210N
	18	1.25	392218N
1-1/4" Angle Chisel	7	.50	390707N
	10	.75	390710N
	18	1.25	390718N
– Other sizes available –			

(Box Quantity 25)

### .498 ROUND SHANK PARKER TAPER

Item	Length (in)	Weight (lbs)	Part Number
Point	7	.50	393107
	12	1.00	393112
	18	1.25	393118
5/8" Chisel	7	.50	393207
	12	1.00	393212
	18	1.25	393218
3/4" Chisel	7	.50	39320712
	12	1.00	39321212
	18	1.25	39321812
1-1/4" Chisel	7	.50	394207
	12	1.00	394212
	18	1.25	394218
1-1/4" Angle Chisel	7	.50	393707
	12	1.00	393712
	18	1.25	393718

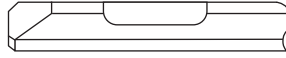
(Box Quantity 25)





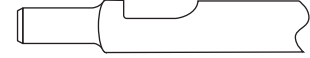
## ■ FOR INGERSOLL-RAND 171 & 181

Item	Length (in)	Weight (lbs)	Part Number
3/4" Chisel	7	.50	42207
	12	1.00	42212
	18	1.50	42218
1-3/8" Chisel	7	.50	42307
	12	1.00	42312
	18	1.50	42318
2" Chisel	7	.50	42407
	12	1.00	42412
	18	1.50	42418
3" Chisel	7	.50	42507
	12	1.00	42512
	18	1.50	42518
1-3/8" Angle Chisel	7	.50	42707
	12	1.00	42712
	18	1.50	42718



## ■ FOR CHICAGO PNEUMATIC, THOR & DALLET

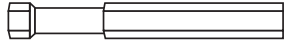
Item	Length (in)	Weight (lbs)	Part Number
3/4" Chisel	7	.50	44207
	12	1.00	44212
	18	1.50	44218
1-3/8" Chisel	7	.50	44307
	12	1.00	44312
	18	1.50	44318
2" Chisel	7	.50	44407
	12	1.00	44412
	18	1.50	44418
3" Chisel	7	.50	44507
	12	1.00	44512
	18	1.50	44518
1-3/8" Angle Chisel	7	.50	44707
	12	1.00	44712
	18	1.50	44718



## ■ FOR CLECO B-1, ROTOR S-1, CP 9356 & IR 183

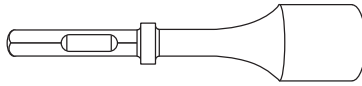
Item	Length (in)	Weight (lbs)	Part Number
3/4" Chisel	7	.50	41207
	12	1.00	41212
	18	1.50	41218
1-3/8" Chisel	7	.50	41307
	12	1.00	41312
	18	1.50	41318
2" Chisel	7	.50	41407
	12	1.00	41412
	18	1.50	41418
3" Chisel	7	.50	41507
	12	1.00	41512
	18	1.50	41518
1-3/8" Angle Chisel	7	.50	41707
	12	1.00	41712
	18	1.50	41718

# ELECTRIC HAMMER TOOLS



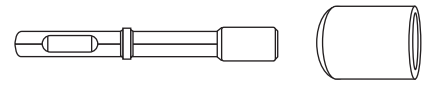
## FOR HILTI 7/8" HEX DEMO

Item	Length (in)	Weight (lbs)	Part Number
Point	14	2.50	7510
	18	3.00	7530
Chisel	14	2.50	7520
	18	3.00	7540
3" Chisel	14	2.50	7560
	18	3.00	7561



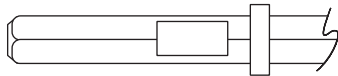
## 1-PIECE STAKE DRIVER

Shank Size (in)	Cup Size (in)	Weight (lbs)	Part Number
1-1/8" x 6"	2" ID	9.00	21825-2



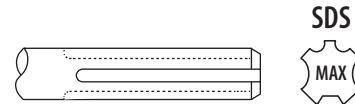
## 2-PIECE STAKE DRIVER SETS

Shank Size (in)	Cup Size (in)	Weight (lbs)	Part Number
<b>SHANK</b>			
1-1/8" x 6"	N/A	4.50	218D
1-1/4" x 6"	N/A	5.00	220D
<b>CUP</b>			
N/A	2" ID	6.00	225C
N/A	2-1/2" ID	8.00	226C



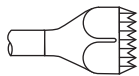
## 1-1/8" x 6" BOSCH BRUTE, 11304, B&D 5027, HITACHI H65, H90SB AND KANGO 2500

Item	Length (in)	Box Quantity	Weight (lbs)	Part Number
Point	14	8	6.00	7410
	18	8	7.50	7430
Chisel	14	8	6.00	7420
	18	8	7.50	7440
3" Chisel	14	6	7.00	7460
Asphalt Cutter	11	6	9.00	7450
Clay Spade	15	6	9.50	7455



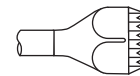
## SDS MAX FOR BOSCH, 1312E, 11311EVS AND 11313EVS

Item	Length (in)	Box Quantity	Weight (lbs)	Part Number
Point	12	40	1.50	7310
	18	30	2.25	7330
Chisel	12	40	1.50	7320
	18	30	2.25	7340
2" Chisel	12	30	1.50	7342
3" Chisel	12	30	1.75	7360



## 1-PIECE BUSHING TOOL

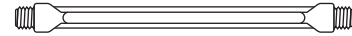
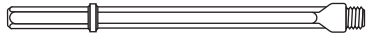
2" x 2"	9	8	7.50	7470
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## 1-PIECE BUSHING TOOL

1-3/4" x 1-3/4"	9.5	15	2.75	7370
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# DRILL STEEL



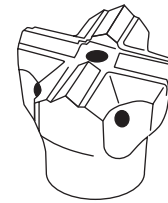
## H THREAD DRILL STEEL

Shank Size (in)	Length Under Collar* (FT)	Weight (lbs)	Part Number
7/8" x 3-1/4"	1	3.00	87312
	1.5	4.00	87318
	2	5.00	87324
	2.5	6.00	87330
	3	7.00	87336
	4	9.00	87348
	5	11.00	87360
	6	14.00	87372
	8	18.00	87396
	10	22.00	873120
7/8" x 4-1/4"	1	3.00	87412
	1.5	4.00	87418
	2	5.00	87424
	2.5	6.00	87430
	3	7.00	87436
	4	9.00	87448
	5	11.00	87460
	6	14.00	87472
	8	18.00	87496
	10	22.00	874120
1" x 4-1/4"	1	3.00	81012
	1.5	4.00	81018
	2	5.00	81024
	2.5	6.00	81030
	3	7.00	81036
	4	9.00	81048
	5	11.00	81060
	6	14.00	81072
	8	18.00	81096
	10	22.00	810120

\* Longer lengths available

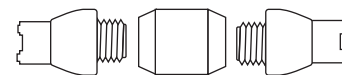
## H THREAD EXTENSIONS

Shank Size (in)	Length Under Collar (FT)	Weight (lbs)	Part Number
7/8"	1	2.25	87X12
	2	4.25	87X24
	3	6.50	87X36
	4	8.50	87X48
1"	1	3.50	81X12
	2	6.25	81X24
	3	9.25	81X36
	4	11.50	81X48



## CARBIDE ROCK BITS

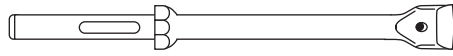
Bit Size (in)	Part Number
1-3/8"	8011CM
1-1/2"	8012CM
1-5/8"	8013CM
1-3/4"	8014CM
1-7/8"	8015CM
2"	8016CM
2-1/4"	8017CM
2-1/2"	8018CM
2-3/4"	8020CM
3"	8021CM



## ACCESSORIES

Item	Part Number
H to D Thread Drill Steel Adapter	8119
H Thread Coupling	8119C

# INTEGRAL DRILL STEEL



## C9 INTEGRAL

For	Shank	Length Under Collar (in)	Drilling Depth (in)	Bit Size (in)	Part Number
Chicago-Pneumatic CP-9A Sullair MRD-9 Thor 5LHD APT 109	3/4" RD x 3-3/4" Slotted	13	8	1/2	8913090500
				5/8	8913090625
				3/4	8913090750
				7/8	8913090875
	3/4" RD x 3-3/4" Slotted	17	12	1	8913091000
				3/4	8917120750
				7/8	8917120875
				1	8917121000
			1-1/8	8917121125	



## INTEGRAL 3-1/4" HX SHANK MODELS

For	Shank	Length Under Collar (in)	Drilling Depth (in)	Bit Size (in)	Part Number
APT 115-137-155, CP 00114RR, 0022, 32A-87 IR JH30A1, JH40C1 Harper 4108, 4112	7/8" HX x 3-1/4"	18	15	7/8	8318150875
				1	8318151000
				1-1/8	8318151125
				1-3/8	8318151375
Jet RD-15, RD-30, RD-60 Sullair MRD-30, 40, 50 Thor 14D, 15D	7/8" HX x 3-1/4"	24	21	7/8	8324210875
				1	8324211000
				1-1/8	8324211125
				1-3/8	8324211375



## INTEGRAL 4-1/4" HX SHANK MODELS

For	Shank	Length Under Collar (in)	Drilling Depth (in)	Bit Size (in)	Part Number
APT 137-155 CP 0032A, 87A IR JH30A2, JH40C2 Harper 4108, 4112	7/8" HX x 4-1/4"	18	15	7/8	8418150875
				1	8418151000
				1-1/8	8418151125
				1-3/8	8418151375
Sullair MRD-30, 40, 50, 55	7/8" HX x 4-1/4"	24	21	7/8	8424210875
				1	8424211000
				1-1/8	8424211125
				1-3/8	8424211375

# BOOM MOUNTED DEMOLITION TOOLS



Pioneer "Long Life" boom mounted demolition points and chisels are made of Ultra Grade Alloy. Pioneer provides tools for all hammers. Please call for unlisted models, pricing and availability.

Model	Diameter (in)	Length (in)	Weight (lbs)	Chisel Part Number	Point Part Number
<b>ALLIED</b>					
AR 70	2.8	28	40	9A07028CP	9A07028PP
Hy Ram 380	3.2	36	70	9A38036CP	9A38036PP
Hy Ram 710/711	2.5	24	24	9A71024CP	9A71024PP
Hy Ram 730	3.2	36	71	9A73036CP	9A73036PP
Hy Ram 735	3.5	39	94	9A73539CP	9A73539PP
Hy Ram 745	4.0	40	120	9A74540CP	9A74540PP
<b>ATLAS COPCO</b>					
180	2.5	30	37	9AT18030CP	9AT18030PP
410	2.6	24	29	9AT41024CP	9AT41024PP
	2.6	36	48	9AT41036CP	9AT41036PP
610	3.2	33	62	9AT61033CP	9AT61033PP
<b>BOBCAT</b>					
680	2.1	20	20	9M68020CP	9M68020PP
700	2.0	21	16	9M70021CP	9M70021PP
850/950	2.5	24	28	9M85024CP	9M85024PP
	2.5	28	33	9M85028CP	9M85028PP
880	2.5	23	25	9M88023CP	9M88023PP
980	2.8	26	43	9M98026CP	9M98026PP
2500 / 2600 / 3500	2.5	22	26	9M25022CP	9M25022PP
	2.5	28	32	9M25028CP	9M25028PP
5500	2.8	28	40	9M55028CP	9M55028PP
<b>HUSKIE</b>					
HH 100	1.6	17	9	9UH10017CP	9UH10017PP
HH 300 / HB 30	2.4	24	30	9UH30024CP	9UH30024PP
HH 500	2.6	24	32	9UH50024CP	9UH50024PP
HH 500-2	2.6	24	32	9UH500224CP	9UH500224PP
HH 750	3.0	29	48	9UH75029CP	9UH75029PP
HH 750/2	3.0	29	48	9UH750229CP	9UH750229PP
HH 1000	3.5	32	82	9UH01M32CP	9UH01M32PP
HH 2000	4.5	36	140	9UH02M36CP	9UH02M36PP
<b>INDECO</b>					
HP 1000	2.9	26	40	9IHP100026CP	9IHP100026PP
	2.9	30	47	9IHP100030CP	9IHP100030PP
HP 2000	4.5	38	140	9IHP200038CP	9IHP200038PP
HP 3000	4.7	40	165	9IHP300040CP	9IHP300040PP
HP 500	2.2	23	22	9IHP50023CP	9IHP50023PP
HP 750	2.7	24	30	9IHP75024CP	9IHP75024PP
MES 350 / 351	2.2	23	22	9I35023CP	9I35023PP
MES 523 / 553	2.9	26	40	9I52326CP	9I52326PP
	2.9	30	47	9I52330CP	9I52330PP
MES 621 / 650	3.1	26	50	9I62126CP	9I62126PP
	3.1	30	57	9I62130CP	9I62130PP
MES 1750	4.5	38	140	9I175038CP	9I175038PP
MES 2000	4.7	40	165	9I200040CP	9I200040PP

# BOOM MOUNTED DEMOLITION TOOLS (continued)



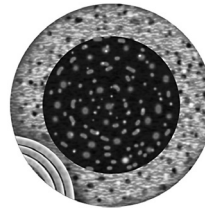
Pioneer "Long Life" boom mounted demolition points and chisels are made of Ultra Grade Alloy. Pioneer provides tools for all hammers. Please call for unlisted models, pricing and availability.

Model	Diameter (in)	Length (in)	Weight (lbs)	Chisel Part Number	Point Part Number
<b>KENT</b>					
KF 4	2.4	22	24	9KKF422CP	9KKF422PP
KF 6	3.0	26	48	9KKF626CP	9KKF626PP
KF 9	3.5	30	72	9KKF930CP	9KKF930PP
KF12	4.2	37	115	9KKF1237CP	9KKF1237PP
KF 19	4.7	45	190	9KKF1945CP	9KKF1945PP
KF 22	5.3	48	270	9KKF2248CP	9KKF2248PP
KF 35	6.0	51	360	9KKF3551CP	9KKF3551PP
KHB 3 G	2.4	23	23	9K03G23CP	9K03G23PP
<b>NPK</b>					
E 210	4.9	45	205	9NE21045CP	9NE21045PP
H 10 XB	5.0	44	195	9NH10X44CP	9NH10X44PP
H 16 X	5.7	51	345	9NH16X51CP	9NH16X51PP
<b>OKADA</b>					
OKB 302	2.4	22	25	90030222CP	90030222PP
OKB 303	2.7	22	38	90030322CP	90030322PP
OKB 304	2.9	28	48	90030428CP	90030428PP
OKB 304 B	2.9	27	47	900304B27CP	900304B27PP
TOP 35	2.4	22	35	90TOP3522CP	90TOP3522PP
TOP 60	3.3	36	85	90TOP6036CP	90TOP6036PP
TOP 200	4.9	48	240	90TOP20048CP	90TOP20048PP
<b>RAMMER</b>					
S 21	1.8	19	12	9RS2219CP	9RS2219PP
S 22	2.0	21	22	9RS2221CP	9RS2221PP
S 25	2.7	29	49	9RS2529CP	9RS2529PP
	2.7	39	89	9RS2539CP	9RS2539PP
E 64	4.2	41	145	9RE6441CP	9RE6441PP
E 68	5.1	43	215	9RE6843CP	9RE6843PP
<b>STANLEY</b>					
MB 250 / 350	2.5	22	25	9S25022CP	9S25022PP
MB 550	2.8	28	40	9S55028CP	9S55028PP
50 EXS	5.5	51	316	9S50EXS51CP	9S50EXS51PP
<b>TOKU</b>					
04M	2.5	26	40	9TK04M26CP	9TK04M26PP
06M	3.0	30	67	9TK06M30CP	9TK06M30PP
07M	4.5	40	194	9TK07M40CP	9TK07M40PP
<b>TRAMAC</b>					
BRP 85 / 95 / 100	2.5	24	29	9T10024CP	9T10024PP
BRH 125	3.1	26	53	9T12526CP	9T12526PP
BRH 400	3.8	34	99	9T40034CP	9T40034PP
BRH 625 / 900	4.6	40	185	9T62540CP	9T62540PP
<b>UB</b>					
UB 103	2.8	30	50	9U10330CP	9U10330PP
UB 300	2.7	28	28	9U30028CP	9U30028PP

It is important to remember that relatively few tools break as a result of material or workmanship defects. A defective tool is likely to fail immediately due to severe stresses imparted by the heavy, repetitive blows of the hammer. A tool which breaks after considerable service, evidenced by a well worn shank and blade, is not likely to be defective but would fall into one of the categories noted at right. To prolong tool life and insure safe use of the product, here are a few guidelines to follow.

- **Do not use tools for unintended purposes**, i.e. using an Asphalt Cutter to break concrete.
- **Do not allow tools to overheat in service** as it will draw the temper of the tool and cause the **points or blade to soften and mushroom**.
- **Do not run tools idle in the hammers**. Tools are designed to dispense the shock of the hammer into the work; free running causes excessive build up of stress in the tool itself and creates fatigue points.
- **Keep workends sharp and cutting efficiently**. Have tools sharpened or redressed on a regular basis by a qualified blacksmith.
- **Keep hammers properly maintained**, regularly replacing worn bushings or pistons and lubricating parts.
- **Educate the user in the proper air or hydraulic pressure required during each phase of operation**; avoid using full pressure to start operation which causes tools to plow into work rather than cutting work.
- **Do not pry with any hand or power hammer accessory tool**.
- **Encourage use of in-line oilers and filters** for proper lubricating during operation.

## IDENTIFYING TOOL CONDITIONS



### Fatigue Failure

A thumbnail crack develops from prying or the use of dull loads.



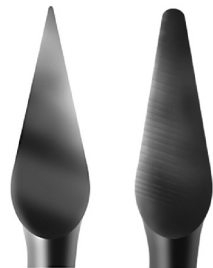
### Re-sharpening Failure

Usually occurs 3" to 5" from the workend due to improper heating during re-sharpening. The coarse lines show the absence of hardness after re-sharpening.



### Mushrooming

Intense heat is generated when penetration is not achieved by the workend. The folding over is the result of that heat softened condition.



Sharp

Dull, Worn

### Wear

Tools showing considerable wear lose their cutting efficiency, transferring strain onto the shank, body and blade, resulting in breakage.



*Pioneer quality makes the difference when it comes to  
air, electric and hydraulic hammer accessories.*

*Proudly Made in America and ISO Q9001: 2008 Compliant*

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**E: [pioneer@breakersteel.com](mailto:pioneer@breakersteel.com) | [www.breakersteel.com](http://www.breakersteel.com)**