

*air, electric & hydraulic
hammer accessories*



Pioneer quality makes the difference

PIONEER

Tool & Forge, Inc.



ISO 9001:2008
Quality Management Systems



MADE IN USA



Contents

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 and air tool with a hand held hammer. Air tools are designed and heat treated for use only in air 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.

Air 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.

Air & Electric Hammer Accessories

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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 not been abused during use. No other warranty is expressed or implied in this catalog.

NOTE

Other lengths and point styles are available. Please contact us for current pricing. Free freight is provided for orders of \$1,500.00 net to continental US only.

Telephone: (724) 337-4700

Toll Free: (800) 359-6408


Fax Number: (724) 337-4707

Email: pioneer@breakersteel.com

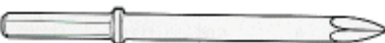
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Paving Breakers





Shank Size	Length Under Collar	Box Qty	Weight	Part Number
				
<u>Standard Moil Point</u>				
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
	36"		12.75	19136
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


				
<u>Heavy Duty Point</u>				
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

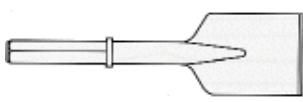
				
<u>Clay Spade</u>				
7/8 x 3-1/4		6	6.00	1755
1 x 4-1/4		6	7.00	1855
1-1/8 x 6		6	9.00	1955
1-1/4 x 6		6	9.50	1055


				
<u>Tie Tamper</u>				
1 x 4-1/4			11.00	18MT1224
1-1/4 x 6			13.00	10MT80412

Shank Size	Length Under Collar	Box Qty	Weight	Part Number
				
<u>Standard Chisel</u>				
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
	36"		12.75	19236
1-1/4x 6	14"	8	7.50	10214
	18"	8	9.00	10218
	24"		12.00	10224
	36"		16.50	10236

Longer Lengths Available

				
<u>Heavy Duty Chisel</u>				
7/8 x 3-14	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

				
<u>5" Asphalt Cutter</u>				
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


				
<u>Frost Wedge</u> (Blade 2" x 12")				
1-1/8 x 6	17"	5	12.00	1987
1-1/4 x 6	17"	5	13.00	1087

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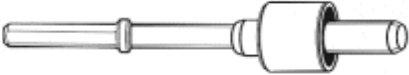
Paving Breakers

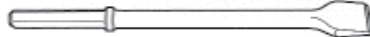
Shank Size	Length Under Collar	Box Qty	Weight	Part Number
				
Standard 3" Chisel				
7/8 x 3-14	14"	8	4.00	17314
	18"	8	5.00	17318
1 x 4-1/4	14"	8	5.00	18314
	18"	8	5.75	18318
	24"		7.25	18324
1-1/8 x 6	14"	6	6.50	19314
	18"	6	8.00	19318
	24"		9.50	19324
	36"		13.25	19336
1-1/4 x 6	14"	6	8.00	10314
	18"	6	9.75	10318
	24"		12.50	10324
	36"		18.00	10336


Longer Lengths Available

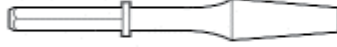
				
Bushing Tool				
7/8 x 3-1/4	9"	8	6.50	1782
1 x 4-1/4	9"	8	6.75	1882
1-1/8 x 6	9"	8	7.00	1982
1-1/4 x 6	9"	8	7.50	1082


				
Digging Chisel (Blade Size 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


				
PipeDrivRs®				
1-1/8 x 6	12"	6	7.75	1984
1-1/4 x 6	12"	6	8.00	1084
Cup Only			3.75	184C

Shank Size	Length Under Collar	Box Qty	Weight	Part Number
				
Heavy Duty 3" Chisel				
1 x 4-1/4	16"	6	6.25	18316HD
	24"		9.50	18324HD
1-1/8 x 6	16"	6	8.00	19316HD
	26"		12.00	19324HD
1-1/4 x 6	16"	6	9.50	10316HD
	24"		14.25	10324HD

				
Rod or Pin Driver				
For rod sized up to 1-1/4 unless specified otherwise				
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

				
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

				
Tamping Pad				
6" Square			14.00	1966
8" Square			22.00	1968
7" Round			16.00	196R




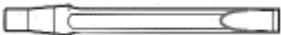




				
Detachable Shank				
1 x 4-1/4		8	5.25	1896
1-1/8 x 6		8	6.75	1996
1-1/4 x 6		8	7.25	1096

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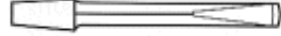



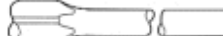
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Rivet Busters



Item	Length	Box Qty	Weight	Part Number	Item	Length	Box Qty	Weight	Part Number		
Please Specify Tool Usage - Concrete or metal											
Jumbo 11X Rivet Buster											
	Point	10"	25	2.00	52110		Ripper	10"	25	2.25	52810
		12"	25	2.50	52112						
		18"	15	4.00	52118						
	Chisel	10"	25	2.00	52210	Clearance	Punch Diameter	Box Qty	Weight	Part Number	
		12"	25	2.50	52212						
		18"	15	4.00	52218						
	Side Cut Chisel	10"	25	2.00	52310	Jumbo 11X Back Out Punches					
		12"	25	2.50	52312		Standard 10" OAL				
		18"	15	4.00	52318		1/2"	25	2.25	52708	
	Chisel (Forged Corner To Corner)	10"	25	2.00	52510		5/8"	25	2.25	52710	
		12"	25	2.50	52512		3/4"	25	2.25	52712	
		18"	15	4.00	52518		7/8"	25	2.25	52714	
	3" Wide Chisel	12"	20	2.75	52612		1"	25	2.25	52716	
		18"	15	4.25	52618		Long Clearance 4" Clearance	5/8"	25	2.50	5271004
								3/4"	25	2.50	5271204
								7/8"	25	2.50	5271404
								1"	25	2.50	5271604
								5/8"	20	2.75	5271006
								3/4"	20	2.75	5271206
								7/8"	20	2.75	5271406
								1"	20	2.75	5271606
								3/4"	25	2.25	5271204DP

Standard 80X Rivet Buster

	Point	10"	25	1.70	51110		Chisel	10"	25	1.75	51510
		12"	25	2.50	51112		(Forged Corner To Corner)	12"	25	2.50	51512
		18"	15	3.75	51118			18"	15	3.75	51518
	Chisel	10"	25	1.75	51210		Ripper	10"	25	1.75	51810
		12"	25	2.50	51212	Clearance	Punch Diameter	Box Qty	Weight	Part Number	
		18"	15	3.75	51218						
	Side Cut Chisel	10"	25	1.75	51310		Back Out Punch	5/8"		2.00	5171004
		12"	25	2.50	51312			3/4"		2.00	5171204
		18"	15	3.75	51318			7/8"		2.00	5171404

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Chipping Hammers

Item	Length	Box Qty	Weight	Part Number	Item	Length	Box Qty	Weight	Part Number
									
<u>Retainer Typer</u> .680" Round Shank - Oval Collar					<u>Retainer Type</u> .580" Hex - Oval Collar				
Point	9"	25	1.25	36109	Point	9"	25	1.25	35109
	12"	25	1.75	36112		12"	25	1.75	35112
	18"	20	2.50	36118		18"	20	2.50	35118
	24"	20	3.50	36124		24"	20	3.50	35124
	36"		5.25	36136		36"		5.25	35136
	48"		7.00	36148		48"		7.00	35148
	60"		8.75	36160		60"		8.75	35160
	72"		10.50	36172		72"		10.50	35172
Chisel	9"	25	1.25	36209	Chisel	9"	25	1.25	35209
	12"	25	1.75	36212		12"	25	1.75	35212
	18"	20	2.50	36218		18"	20	2.50	35218
	24"	20	3.50	36224		24"	20	3.50	35224
	36"		5.25	36236		36"		5.25	35236
	48"		7.00	36248		48"		7.00	35248
	60"		8.75	36260		60"		8.75	35260
	72"		10.50	36272		72"		10.50	35272
1-1/2" Chisel	9"	25	1.25	36309	1-1/2" Chisel	9"	25	1.25	35309
	12"	25	1.75	36312		12"	25	1.75	35312
	18"	20	2.50	36318		18"	20	2.50	35318
2" Chisel	9"	25	1.25	36409	2" Chisel	9"	25	1.25	35409
	12"	25	1.75	36412		12"	25	1.75	35412
	18"	20	2.50	36418		18"	20	2.50	35418
3" Chisel	9"	25	1.25	36509	3" Chisel	9"	25	1.25	35509
	12"	20	1.75	36512		12"	20	1.75	35512
	18"	20	2.50	36518		18"	20	2.50	35518
									
<u>Bushing Tool - 1-3/4" Head, 16 Teeth</u>					<u>Bushing Tool - 1-3/4" Head, 16 Teeth</u>				
One Piece		15	3.00	3670	One Piece		15	3.00	3570

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Chipping Hammers



Item	Length	Box Qty	Weight	Part Number	Item	Length	Box Qty	Weight	Part Number
<u>Retainer Typer</u>					<u>Retainer Type</u>				
.680" Round Shank - Round Collar					.580" Hex Shank - Round Collar				
Point	9"	25	1.25	36109R	Point	9"	25	1.25	35109R
	12"	25	1.75	36112R		12"	25	1.75	35112R
	18"	20	2.50	36118R		18"	20	2.50	35118R
	24"	20	3.50	36124R		24"	20	3.50	35124R
	36"		5.25	36136R		36"		5.25	35136R
	48"		7.00	36148R		48"		7.00	35148R
	60"		8.75	36160R		60"		8.75	35160R
	72"		10.50	36172R		72"		10.50	35172R
Chisel	9"	25	1.25	36209R	Chisel	9"	25	1.25	35209R
	12"	25	1.75	36212R		12"	25	1.75	35212R
	18"	20	2.50	36218R		18"	20	2.50	35218R
	24"	20	3.50	36224R		24"	20	3.50	35224R
	36"		5.25	36236R		36"		5.25	35236R
	48"		7.00	36248R		48"		7.00	35248R
	60"		8.75	36260R		60"		8.75	35260R
	72"		10.50	36272R		72"		10.50	35272R
1-1/2" Chisel	9"	25	1.25	36309R	1-1/2" Chisel	9"	25	1.25	35309R
	12"	25	1.75	36312R		12"	25	1.75	35312R
	18"	20	2.50	36318R		18"	20	2.50	35318R
2" Chisel	9"	25	1.25	36409R	2" Chisel	9"	25	1.25	35409R
	12"	25	1.75	36412R		12"	25	1.75	35412R
	18"	20	2.50	36418R		18"	20	2.50	35418R
3" Chisel	9"	25	1.25	36509R	3" Chisel	9"	25	1.25	35509R
	12"	20	1.75	36512R		12"	20	1.75	35512R
	18"	20	2.50	36518R		18"	20	2.50	35518R
<u>Bushing Tool - 1-3/4" Head, 16 Teeth</u>					<u>Bushing Tool - 1-3/4" Head, 16 Teeth</u>				
One Piece		15	3.00	3670R	One Piece		15	3.00	3570R

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Scaling Chisels

Item	Length	Box Qty	Weight	Part Number	Item	Length	Box Qty	Weight	Part Number
<p>Retainer Type .401 Round Shank Parker Taper</p>					<p>Retainer Type .498 Round Shank Parker Taper</p>				
Point	7"	25	.50	390107	Point	7"	25	.50	393107
	12"	25	1.00	390112		12"	25	1.00	393112
	18"	25	1.25	390118		18"	25	1.25	393118
1/2" Chisel	7"	25	.50	390207	1/2" Chisel	7"	25	.50	393207
	12"	25	1.00	390212		12"	25	1.00	393212
	18"	25	1.25	390218		18"	25	1.25	393218
3/4" Chisel	7"	25	.50	392207	3/4" Chisel	7"	25	.50	394207
	12"	25	1.00	392212		12"	25	1.00	394212
	18"	25	1.25	392218		18"	25	1.25	394218
1-1/4 Chisel	7"	25	.50	390307	1-1/4 Chisel	7"	25	.50	393307
	12"	25	1.00	390312		12"	25	1.00	393312
	18"	25	1.25	390318		18"	25	1.25	393318
1-1/4" Angle Chisel	7"	25	.50	390707	1-1/4" Angle Chisel	7"	25	.50	393707
	12"	25	1.00	390712		12"	25	1.00	393712
	18"	25	1.25	390718		18"	25	1.25	393718
<p>For Ingersoll-Rand 171, 181</p>					<p>For Chicago Pneumatic, Thor, Dallet</p>				
3/4" Chisel	7"	.50		42207	3/4" Chisel	7"	.50		44207
	12"	1.00		44212		12"	1.00		44212
	18"	1.50		44218		18"	1.50		44218
1-3/8" Wide Chisel	7"	.50		42307	1-3/8" Wide Chisel	7"	.50		44307
	12"	1.00		42312		12"	1.00		44312
	18"	1.50		42318		18"	1.50		44318
2" Wide Scaler	7"	.50		42407	2" Wide Scaler	7"	.50		44407
	12"	1.00		42412		12"	1.00		44412
	18"	1.50		42418		18"	1.50		44418
3" Wide Scaler	7"	.50		42507	3" Wide Scaler	7"	.50		44507
	12"	1.00		42512		12"	1.00		44512
	18"	1.50		42518		18"	1.50		44518
1-3/8" Angle Scaler	7"	.50		42707	1-3/8" Angle Scaler	7"	.50		44707
	12"	1.00		42712		12"	1.00		44712
	18"	1.50		42718		18"	1.50		44718


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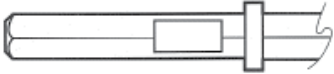

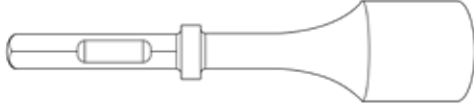
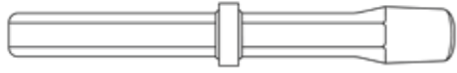
Scaling Chisels



Item	Length	Weight	Part Number	Item	Length Qty	Weight	Part Number
For Cleco B-1, Rotor S-1, CP 9356, IR 183							
							
3/4" Chisel	7"	.50	41207	3" Wide Scaler	7"	.50	41507
	12"	1.00	41212		12"	1.00	41512
	18"	1.50	41218		18"	1.50	41518
1-3/8" Wide Chisel	7"	.50	41307	1-3/8" Angle Scaler	7"	.50	41707
	12"	1.00	41312		12"	1.00	41712
	18"	1.50	41318		18"	1.50	41718
2" Wide Scaler	7"	.50	41407				
	12"	1.00	41412				
	18"	1.50	41418				

Electric Hammer Tools



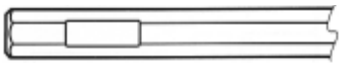






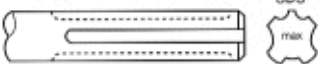

Item	Length	Weight	Part Number	Shank Size	Cup Size	Weight	Part Number
							
1-1/8" x 6" Bosch Brute							
11304, B&D 5027, Hitachi H65, H90SB, Kango 2500							
Point	14"	8	6.00				7410
	18"	8	7.50				7430
Chisel	14"	8	6.00				7420
	18"	8	7.50				7440
Asphalt Cutter	11"	6	9.00				7450
Clay Spade	15"	6	9.50				7455
	14"	6	7.00				7460
1-Peice Bushing Tool							
2" x 2"	9"	8	7.50				7470
							
One Piece Tent Stake Driver							
1-1/8 x 6		2" ID	9.00				21825-2
							
Two Piece Tent Stake Driver Sets							
1-1/8 x 6		2" ID	4.50				218D
1-1/4 x 6		2-1/2" ID	5.00				220D
		2" ID	6.00				225C
		2-1/2" ID	8.00				226C

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Electric Hammer Tools

Item	Length	Box Qty	Weight	Part Number	Item	Length	Box Qty	Weight	Part Number
			3/4" Bosch	11302, 11305				3/4" Bosch	11202, 11203, 11204, 11205, 11209, 11214, 11306
Point	12"	40	1.50	7010	Point	12"	40	1.50	7110
	18"	25	2.25	7030		18"	25	2.25	7130
Chisel	12"	40	1.50	7020	Chisel	12"	40	1.50	7120
	18"	25	2.25	7040		18"	25	2.25	7140
1-1/2" Chisel	12"	40	1.50	7050	1-1/2" Chisel	12"	40	1.50	7150
2" Chisel	12"	25	1.75	7055	2" Chisel	12"	25	1.75	7155
	18"	25	2.50	7056		18"	25	2.50	7156
2" Scraping Chisel	14"	25	2.00	7057	2" Scraping Chisel	14"	25	2.00	7157
3" Chisel	12"	25	1.75	7060	3" Chisel	12"	25	1.75	7160
			1-Piece Bushing Tool					1-Piece Bushing Tool	
1-3/4 x 1-3/4		15	2.75	7070	1-3/4 x 1-3/4		15	2.75	7170
			Ground Rod Driver					Ground Rod Driver	
5/8"		15	2.50	7080	5/8"		15	2.50	7180
3/4"		15	2.50	7090	3/4"		15	2.50	7190
			SDS Max For Bosch					SDS Max For Bosch	1312E, 11311EVS, 11313EVS
For Hilti 7/8 Hex Demo					Point	12"	40	1.00	7310
Point	14"		2.5	7510		18"	30	1.75	7330
	18"		3.0	7530	Chisel	12"	40	1.00	7320
Chisel	14"		2.5	7520		18"	30	1.75	7340
	18"		3.0	7540	2" Chisel	12"	30	1.25	7342
3" Chisel	14"		3.0	7560	3" Chisel	12"	30	1.25	7360
	18"		3.5	7561	Asphalt Cutter				7350
					Clay Spade				7355
								1-Piece Bushing Tool	
					1-3/4" x 1-3/4"		15	2.75	7370




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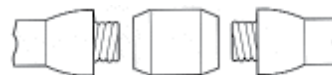
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Drill Steel



Shank Size	Length Under Collar	Weight	Part Number	Shank Size	Length Under Collar	Weight	Part Number																						
 H Thread Drill Steel				 H Thread Extensions																									
7/8 x 3-1/4	1'	3	87312	7/8	1'	2.25	87X12																						
	1.5'	4	87318	7/8	2'	4.25	87X24																						
	2'	5	87324	7/8	3'	6.50	87X36																						
	2.5'	6	87330	7/8	4'	8.50	87X48																						
	3'	7	87336	1	1'	3.50	81X12																						
	4'	9	87348	1	2'	6.25	81X24																						
	5'	11	87360	1	3'	9.25	81X36																						
	6'	14	87372	1	4'	11.50	81X48																						
	8'	18	87396																										
	10'	22	873120																										
7/8 x 4-1/4	1'	3	87412	 Carbide Rock Bits <table border="1"> <thead> <tr> <th>Bit Size</th> <th>Part Number</th> </tr> </thead> <tbody> <tr><td>1-3/8"</td><td>8011CM</td></tr> <tr><td>1-1/2"</td><td>8012CM</td></tr> <tr><td>1-5/8"</td><td>8013CM</td></tr> <tr><td>1-3/4"</td><td>8014CM</td></tr> <tr><td>1-7/8"</td><td>8015CM</td></tr> <tr><td>2"</td><td>8016CM</td></tr> <tr><td>2-1/4"</td><td>8017CM</td></tr> <tr><td>2-1/2"</td><td>8018CM</td></tr> <tr><td>2-3/4"</td><td>8020CM</td></tr> <tr><td>3"</td><td>8021CM</td></tr> </tbody> </table>				Bit Size	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
	Bit Size	Part Number																											
	1-3/8"	8011CM																											
	1-1/2"	8012CM																											
	1-5/8"	8013CM																											
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	2-1/4"	8017CM																											
	2-1/2"	8018CM																											
2-3/4"	8020CM																												
3"	8021CM																												
1.5'	4	87418																											
2'	5	87424																											
2.5'	6	87430																											
3'	7	87436																											
4'	9	87448																											
5'	11	87460																											
6'	14	87472																											
8'	18	87496																											
10'	22	874120																											
1 x 4-1/4	1'	4	81012																										
	1.5'	5	81018																										
	2'	7	81024																										
	2.5'	9	81030																										
	3'	10	81036																										
	4'	12	81048																										
	5'	15	81060																										
	6'	18	81072																										
	8'	23	81096																										
	10'	28	810120																										

Longer Lengths Available



H to D Thread Drill Steel Adapter
H Thread Coupling
8119C

Accessories

8119

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Integral Drill Steel

Shank	Length Under Collar	Drilling Depth	Bit Size	Part Number	Shank	Length Under Collar	Drilling Depth	Bit Size	Part Number
 <p style="text-align: center;"><u>C9 Integral</u></p> <p>For Chicago-Pneumatic CP-9A Sullair MRD-9 Thor 5LHD APT 109</p>					 <p style="text-align: center;"><u>Integral</u></p> <p><u>3-1/4" Hx Shank Models</u> APT 115-137-155 CP 00114RR, 0022, 32A-87 IR JH30A1, JH40C1 Harper 4108, 4112 Jet RD-15, RD-30, RD-60 Sullair MRD-30, 40, 50 Thor 14D, 15D</p>				
<u>3/4 Rd x 3-3/4 Slotted Shank</u>	13"	8"	1/2"	8913090500	7/8 Hx x 3-1/4	18"	15"	1/2"	8318150875
			5/8"	8913090625				5/8"	8318151000
			3/4"	8913090750				3/4"	8318151125
			7/8"	8913090875				7/8"	8318151375
			1"	8913091000					
	17"	12"	3/4"	8917120750		24"	21"	3/4"	8324210875
			7/8"	8917120875		7/8"		8324211000	
			1"	8917121000		1"		8324211125	
			1-1/8"	8917121125		1-1/8"		8324211375	
					<p><u>4-1/4" Hx Shank Models</u> APT 137-155 CP 0032A, 87A IR JH30A2, JH40C2 Harper 4108, 4112 Sullair MRD-30, 40, 50, 55</p>				
				7/8 Hx x 4-1/4	18"	15"	1/2"	8418150875	
			5/8"				8418151000		
			3/4"				8418151125		
			7/8"				8418151375		
					24"	21"	3/4"	8424210875	
			7/8"				8424211000		
			1"				8424211125		
			1-1/8"				8424211375		

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Boom Mounted



Model	Diam	Length	Weight	Chisel	Point
			Demolition Tools	Other Models and Lengths Available	
ALLIED					
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
ATLAS COPCO					
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
BOBCAT					
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
HUSKIE					
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
INDECO					
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

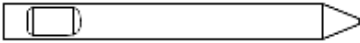
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Boom Mounted

Model	Diam	Length	Weight	Chisel	Point
			Demolition Tools	Other Models and Lengths Available	
<u>KENT</u>					
KF 4	2.4	22	24	9KKF422CP	9KKF422PP
KF6	3.0	26	48	9KKF626CP	9KKF626PP
KF 9	3.5	30	72	9KKF930CP	9KKF930PP
KF 12	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
<u>NPK</u>					
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
<u>OKADA</u>					
OKB 302	2.4	22	25	9O030222CP	9O030222PP
OKB 303	2.7	22	38	9O030322CP	9O030322PP
OKB 304	2.9	28	48	9O030428CP	9O030428PP
OKB 304 B	2.9	27	47	9O0304B27CP	9O0304B27PP
TOP 35	2.4	22	35	9OTOP3522CP	9OTOP3522PP
TOP 60	3.3	36	85	9OTOP6036CP	9OTOP6036PP
TOP 200	4.9	48	240	9OTOP20048CP	9OTOP20048PP
<u>RAMMER</u>					
S21	1.8	19	12	9RS2219CP	9RS2219PP
S22	2.0	21	22	9RS2221CP	9RS2221PP
S25	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
<u>STANLEY</u>					
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
<u>TOKU</u>					
04M	2.5	26	40	9TK04M26CP	9TK04M26PP
06M	3.0	30	67	9TK06M30CP	9TK06M30PP
07M	4.5	40	194	9TK07M40CP	9TK07M40PP
<u>TRAMAC</u>					
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
<u>UB</u>					
UB 103	2.8	30	50	9U10330CP	9U10330PP
UB 300	2.7	28	28	9U30028CP	9U30028PP

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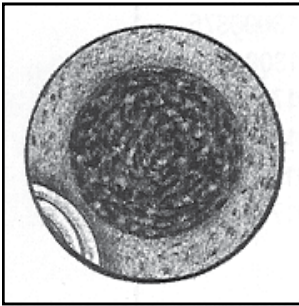
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Safety



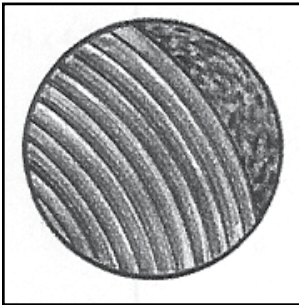
Pioneer "Long Life" boom mounted demolition points and chisels are made of Ultra Grade Alloy. Pioneer provides tools for all hammers. Please call for unlisted models, pricing and availability.

Safety Hints and Guidelines



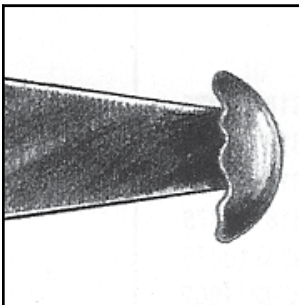
Fatigue Failure

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



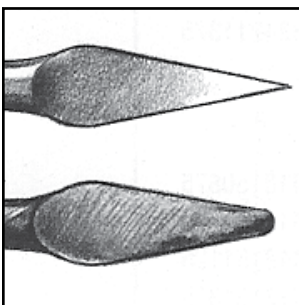
Re-sharpening Failure

Usually occurs 3" to 5" from the work end 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 work end. The folding over is the result of that heat softened condition.



Wear

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

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 left. 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 work ends 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

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hammer accessories

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