

# Construction Tool Steel, Chisels and Retainers

Proven Source. Proven Solutions.



Ontario's Largest  
Pneumatic & Hydraulic Tool Distributor

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The Ingersoll-Rand Line of Percussive Tool Accessories offers you a wide range of high quality chisels, retainers, riving, demolition, digging and paving breaker steels. These accessories, designed to enhance your Ingersoll-Rand tools, are available in the most popular shank configurations and lengths. Contact your Ingersoll-Rand Distributor for other sizes and styles.

**Air System Accessories**  
**Percussive Tool Accessories**



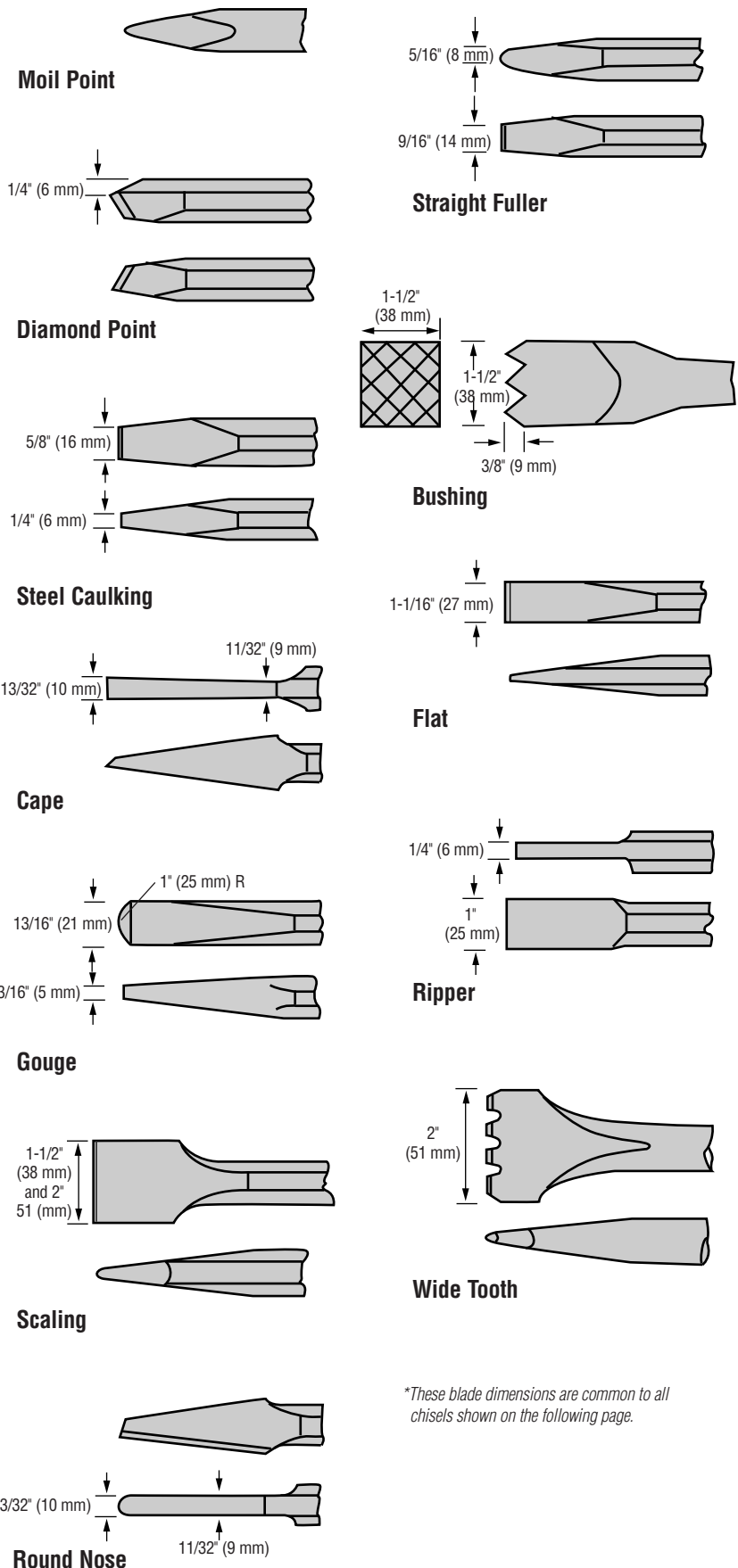
**Retainers for use on Series W  
Chippers (threaded barrels)**



**Retainers for use on Series 1, 2,  
3, 4, SD2, SD3, and SD4  
Chippers (grooved Barrel).  
Includes lock springs.**



**Chisels\***



*\*These blade dimensions are common to all chisels shown on the following page.*

For Series K2L, 1, 2, 3, 4, SD2, SD3, and SD4  
(Equipped with No. HH1-1190, HH1-1191,  
HH1-3400-3, K2L-1190 or K2L-1191 Retainers.)

For Series W1, W2, W3 and W4  
(Equipped with No. HHW2-200, HHW1-A300,  
or HHW1-3450 Retainers)†

Type	Part Number	Type	Part Number
<b>Round Shank 12" (305 mm) Chisels — Oval Collar</b>			
Blank	HH1-215-12	Gouge	HH1-215G-12
Flat	HH1-215F-12	Round Nose	HH1-215N-12
Moil Point	HH1-215M-12	Straight Fuller	HH1-215J-12
1-1/2" (38 mm) Scaling	HH1-215B-12	Caulking	HH1-215E-12
2" (51 mm) Scaling	HH1-323-12	Ripper	HH1-215R-12
Diamond Point	HH1-215D-12	Tooth	HH1-321-12
Cape	HH1-215C-12		

Type	Part Number	Type	Part Number
<b>Hexagon Shank 12" (305 mm) Chisel — Oval Collar</b>			
Blank	HH1-214-12	Gouge	HH1-214G-12
Flat	HH1-214F-12	Round Nose	HH1-214N-12
Moil Point	HH1-214M-12	Straight Fuller	HH1-214J-12
1-1/2" (38 mm) Scaling	HH1-214B-12	Caulking	HH1-214E-12
2" (51 mm) Scaling	HH1-324-12	Ripper	HH1-214R-12
Diamond Point	HH1-214D-12	Tooth	HH1-322-12
Cape	HH1-214C-12		

Type	Part Number	Type	Part Number
<b>Round Shank 12" (305 mm) Chisels — Round Collar</b>			
Blank	H3R-215-12	Gouge	H3R-215G-12
Flat	H3R-215F-12	Round Nose	H3R-215N-12
Moil Point	H3R-215M-12	Straight Fuller	H3R-215J-12
1-1/2" (38 mm) Scaling	H3R-215B-12	Caulking	H3R-215E-12
2" (51 mm) Scaling	H3R-423-12	Ripper	H3R-215R-12
Diamond Point	H3R-215D-12	Tooth	H3R-421-12
Cape	H3R-215C-12		

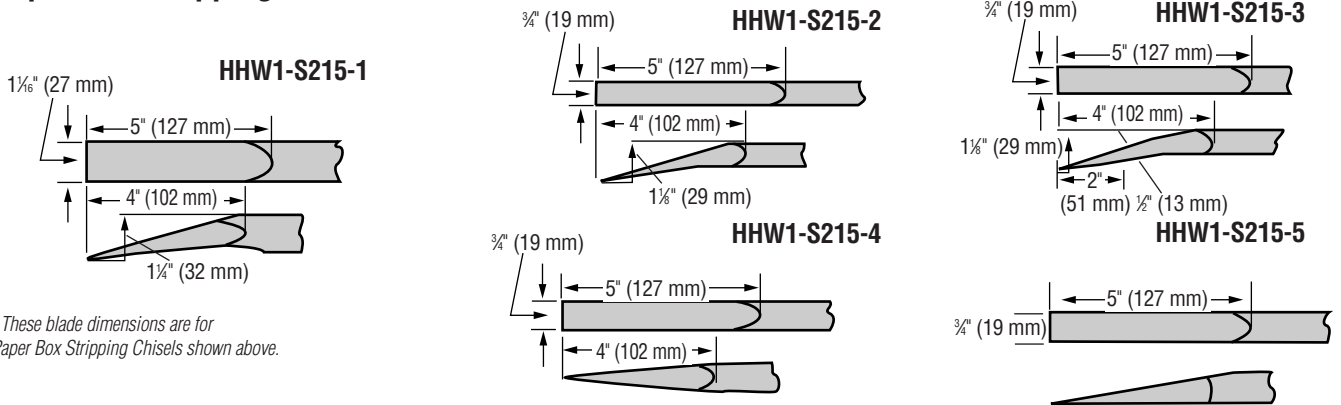
Type	Part Number	Type	Part Number
<b>Hexagon Shank Chisels — Round Collar</b>			
Blank	H3R-214-12	Gouge	H3R-214G-12
Flat	H3R-214F-12	Round Nose	H3R-214N-12
Moil Point	H3R-214M-12	Straight Fuller	H3R-214J-12
1-1/2" (38 mm) Scaling	H3R-214B-12	Caulking	H3R-214E-12
2" (51 mm) Scaling	H3R-424-12	Ripper	H3R-214R-12
Diamond Point	H3R-214D-12	Tooth	H3R-422-12
Cape	H3R-214C-12		

†HH1-3400-3 Retainer for Grooved Barrel Chippers requires round collared accessories.

Length		Part Number		*Paper Box Stripping Chisels			
in.	mm	Blank	Flat	in.	mm	Part Number	
<b>Chisels of Other Lengths Round Shank — Round Collar</b>							
18	457	H3R-215-18	H3R-215F-18	22	559	HHW1-S215-1	
24	610	H3R-215-24	H3R-215F-24	16-1/4	413	HHW1-S215-2	
36	914	H3R-215-36	H3R-215F-36	22	559	HHW1-S215-3	
				22	559	HHW1-S215-4	
				16-1/4	413	HHW1-S215-5	

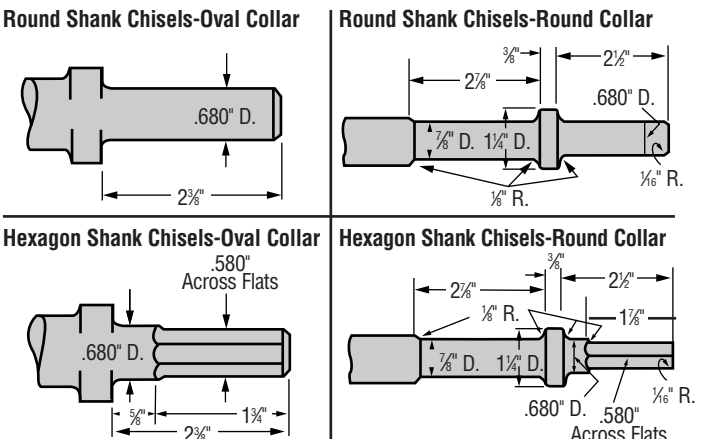
Length		Part Number			
in.	mm	Blank	Flat	Moil Point	Scaling
<b>Chisels of Other Lengths Hexagon Shank — Round Collar</b>					
18	457	H3R-214-18	H3R-214F-18	H3R-214M-18	H3R-214B-18
24	610	H3R-214-24	H3R-214F-24	H3R-214M-24	
36	914	H3R-214-36	H3R-214F-36	H3R-214M-36	

**Paper Box Stripping Chisels\* for "W" Series**



\* These blade dimensions are for Paper Box Stripping Chisels shown above.

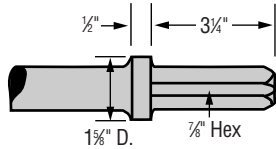
Length		Part Number		Moil Point		Bushing	
in.	mm	Blank	Flat	Moil Point	Bushing		
<b>Chisels of Other Lengths Round Shank — Oval Collar</b>							
9	229						HH1-215T-9
18	457	HH1-215-18	HH1-215F-18	HH1-215M-18			
24	610	HH1-215-24	HH1-215F-24	HH1-215M-24			
36	914	HH1-215-36	HH1-215F-36	HH1-215M-36			
<b>Chisels of Other Lengths Hexagon Shank Chisel — Oval Collar</b>							
9	229						HH1-214T-9
18	457	HH1-214-18	HH1-214F-18	HH1-214M-18			
24	610	HH1-214-24	HH1-214F-24	HH1-214M-24			
36	914	HH1-214-36	HH1-214F-36	HH1-214M-36			
60	1524		HH1-214F-60				



## Air System Accessories Percussive Tool Accessories

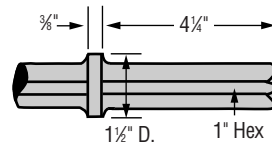
### Demolition Tool Accessories

#### Shank Types on Accessories



#### Type A\*

Hex with 1-5/8" dia. collar. For Models 93A1, 93LA1, 95A1, 95LA1, 95LC1, 59LA1, 59LC1.



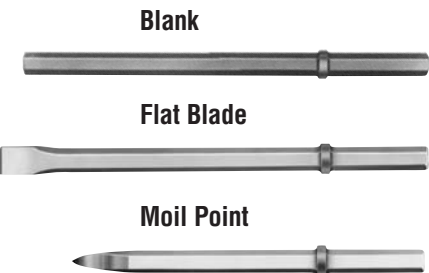
#### Type C\*

Hex with 1-1/2" dia. collar. For Models 95LA3, 59LC3, DT10DL2, DT10D2L2, DT13TL2.

*\*Do not use this designation for ordering.*

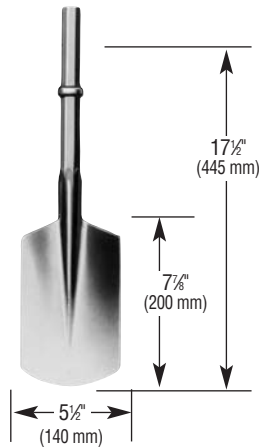
#### Chisels

Shank Type	Length Under Collar in.	mm	Blank	Part Number Flat Blade	Moil Point
A	11-1/4	286	73H-177H-3		
	11-1/4	286	73H-177H-5		
	14-1/4	362	73H-16H-18	73H-16HF-18	73H-16HM-18
	20-1/4	514	73H-16H-24	73H-16HF-24	73H-16HM-24
	26-1/4	667	73H-16H-30	73H-16HF-30	73H-16HM-30
	32-1/4	819	73H-16H-36	73H-16HF-36	73H-16HM-36
C	14	356	59H-516H-14	59H-578HF-14	59H-516HM-14



#### Spades

Shank	Part Number
A	73H-60H
C	59H-560H



#### Chisel Bits

Shank Type	Length Under Collar in.	mm	Part Number
C	14	356	59H-579H

†Availability subject to prior sale.

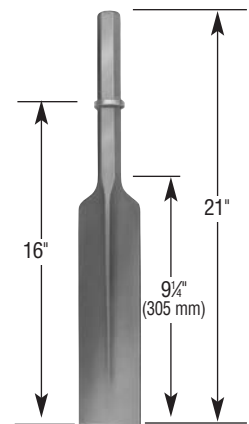
#### Mufflers

Tool Series	Part Number
93	93H-K674
95	95H-K674
59	59H-K674



#### Digging Chisel

Shank	Part Number
C	59H-580H



**Lightweight Riveter/Jacksets**

**Finished Jacksets**

Size of Rivet	Button mm	Round Head	Brazier Head	Flat Head	Universal Head	Head
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**Jacksets with .401" diameter shanks for Series AVC10, AVC12, AVC13 Riveters**

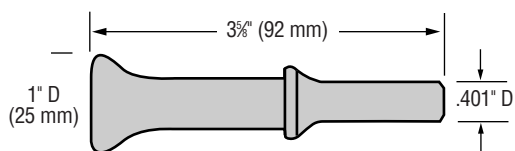
3/32	2					AV1-22H-3
5/32	4					AV1-22H-5
3/16	5		AV1-22B-6	AV1-22C-6	AV1-22G-6	AV1-22H-6
1/4	6		AV1-22B-8	AV1-22C-8		AV1-22H-8
5/16	8		AV1-22B-10			

**Jacksets with .498" diameter shanks for Series AVC26 Riveters**

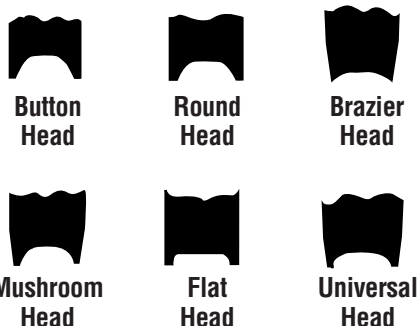
3/16	5			AV24-222C-6		
1/4	6					
5/16	8	AV24-222A-10				AV24-222H-10

†Subject to prior sale

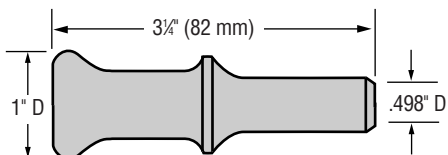
**AV1-126D Flush Head Jackset**



**Typical Jackset Finish**



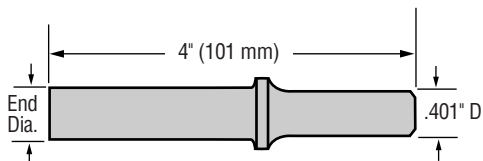
**AV24-126D Flush Head Jackset**



**Jacksets Soft Blanks**

Unfinished End Dia.	Shank	Diameter	Part Number
1/2	13	.401	AV1-22S-16
5/8	16	.401	AV1-22S-20
3/4	19	.401	AV1-22S-24
7/8	22	.401	AV1-22S-28
13/16	21	.498	AV24-222S-26
1-3/16	30	.498	AV24-222S-38

**AV1-22S Series Jackset Blank**



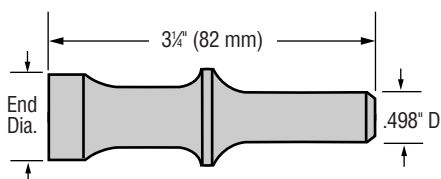
**116-K5 Chisel Kit**

A protective plastic pouch holds a selection of chisels with .401" shank diameters to match your I-R airhammer.

**Kit includes: Edging Tool, Tail Pipe Cutter, Straight Chisel, Cutting Chisel and Punch**



**AV24-222S Series Jackset Blank**



**Retainers**

Used On	Part Number	Description
AVC 10,12,13	AVC1-83	.401 Beehive Retainer
AVC 10,12,13	AVC10-183A	.401 Quick Change Retainer
AVC24	AVC24-283	.498 Beehive Retainer

**Air System Accessories**  
**Percussive Tool Accessories**

**Paving Breaker Chisels**

Part Number	Shank Size	Length		Weight	
	Hex in.	Under Collar in.	mm	lb	kg

**Standard Narrow Chisel**

50196385	1-1/4 x 6	14	356	7-1/2	3.4
50196401	1-1/4 x 6	18	457	9	4.1
50196419	1-1/4 x 6	24	610	11-1/2	5.2
51299477	1-1/4 x 6	36	914	16	7.3
51299485	1-1/4 x 6	48	1219	21	9.5
51299048	1-1/4 x 6	60	1524	25	11.4
51299493	1-1/4 x 6	72	1829	30	13.6
50197904	1-1/8 x 6	14	356	6	2.7
50197912	1-1/8 x 6	18	457	7-1/2	3.4
50197938	1-1/8 x 6	24	610	9	4.1
50198107	1-1/8 x 6	36	914	13	5.9
50197979	1-1/8 x 6	48	1219	17	7.7
50197987	1-1/8 x 6	60	1524	20	9.1
50197995	1-1/8 x 6	72	1829	24	10.9
50197805	1 x 4-1/4	14	356	4-1/2	2.0
50197821	1 x 4-1/4	18	457	5-1/2	2.5
50199207	7/8 x 3-1/4	14	356	3-1/2	1.5
50199215	7/8 x 3-1/4	18	457	4	1.8
50199223	7/8 x 3-1/4	24	610	5	2.3
50199797	7/8 x 3-1/4	36	914	7	3.2

**Asphalt Cutter — 5" Blade**

50185990	1-1/4 x 6	11	279	9-1/4	4.2
50185982	1-1/8 x 6	11	279	8-1/2	3.9
50190404	1 x 4-1/4	11	279	7-1/4	3.3

**Clay Spade — 5-1/2" Blade**

50189596	7/8 x 3-1/4	16	406	6-1/2	3.0
50189570	1-1/4 x 6	16	406	11	5.0
50189562	1-1/8 x 6	16	406	8-1/2	3.9
50189554	1 x 4-1/4	16	406	7-1/4	3.3

**Detachable Shank**

50187855	1-1/4 x 6	7-3/4	197	7	3.2
50187848	1-1/8 x 6	7-3/4	197	6-3/4	3.1
50187830	1-1/4 x 6	7-3/4	197	5-1/2	2.5

**Digging Chisel**

50186014	1-1/4 x 6	16	406	11	5.0
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**Tamping Pad**

51305894	6" Square	NA	NA	12	5.4
50187897	8" Square	NA	NA	17	7.7

**Standard 3" (76 mm) Chisel**



**5" (127 mm) Asphalt Cutter**



**Standard Moil Point**



**Standard Narrow Chisel**



**Paving Breaker Accessories**

Part Number	Shank Size	Length		Weight	
	Hex in.	Under Collar in.	mm	lb	kg

**3" Standard Chisels**

50195361	1 x 4-1/4	36	914	10	4.5
50195379	1 x 4-1/4	48	1219	13	5.9
51304574	1 x 4-1/4	72	1829	19	8.6
50195288	7/8 x 3-1/4	14	356	3-1/4	1.5
50195296	7/8 x 3-1/4	18	457	4	1.8
50193879	1-1/4 x 6	14	356	8	3.6
50193887	1-1/4 x 6	18	457	9-1/2	4.3
50193903	1-1/4 x 6	24	610	11-3/4	5.3
50193937	1-1/4 x 6	48	1219	21	9.5
50191790	1-1/4 x 6	72	1829	30	13.6
50114883	1-1/8 x 6	14	356	6-1/2	3.0
50193747	1-1/8 x 6	18	457	7-3/4	3.5
50193754	1-1/8 x 6	24	610	9-1/2	4.3
50195320	1 x 4-1/4	14	356	4-3/4	2.2
50195338	1 x 4-1/4	18	457	5-3/4	2.6
50195353	1 x 4-1/4	24	610	7	3.2

**Moil Point**

50055680	1-1/4 x 6	14	356	7-1/2	3.4
50055698	1-1/4 x 6	18	457	9	4.1
50055714	1-1/4 x 6	24	610	11-1/2	5.2
50055730	1-1/4 x 6	36	914	16	7.3
50055748	1-1/4 x 6	48	1219	21	9.5
50055755	1-1/4 x 6	60	1524	25	11.4
50198993	1-1/4 x 6	72	1829	30	13.6
50050475	1-1/8 x 6	14	356	6	2.7
50055524	1-1/8 x 6	18	457	7-1/2	3.4
50055540	1-1/8 x 6	24	610	9	4.1
50055565	1-1/8 x 6	36	914	13	5.9
50055573	1-1/8 x 6	48	1219	17	7.7
50055581	1-1/8 x 6	60	1524	20	9.1
50055599	1-1/8 x 6	72	1829	24	10.9
50050368	1 x 4-1/4	14	356	4-1/2	2.0
50050376	1 x 4-1/4	18	457	5-1/2	2.5
50050392	1 x 4-1/4	24	610	6-3/4	3.1
50050269	7/8 x 3-1/4	14	356	3-1/4	1.5
50050277	7/8 x 3-1/4	18	457	4	1.8
50050285	7/8 x 3-1/4	24	610	5	2.3
51305860	7/8 x 3-1/4	36	914	7	3.2

**Jackhammer Accessories**



**Jack Rods**

Part Number	Shank Size	Length		Weight	
	Hex in.	Under Collar in.	Under Collar mm	lb	kg

**Carburized Drill Rods (H Thread)**

50713023	1 x 4-1/4	12	305	4	1.8
50713031	1 x 4-1/4	18	457	5-1/4	2.4
50354596	1 x 4-1/4	24	610	7	3.2
51305704	1 x 4-1/4	30	762	8-1/2	3.9
50713049	1 x 4-1/4	36	914	10	4.5
50283183	1 x 4-1/4	48	1219	12-1/2	5.7
50713056	1 x 4-1/4	60	1524	15	6.8
50283696	1 x 4-1/4	72	1829	17	7.7
50283241	1 x 4-1/4	96	2438	22	10.0
50712132	1 x 4-1/4	120	3048	27	12.3
50712140	1 x 4-1/4	144	3658	32	14.5
50283265	7/8 x 3-1/4	18	457	3-3/4	1.7
50283506	7/8 x 3-1/4	24	610	5	2.3
51305639	7/8 x 3-1/4	30	762	6	2.7
50712728	7/8 x 3-1/4	36	914	7	3.2
50283555	7/8 x 3-1/4	48	1219	9	4.1
50712736	7/8 x 3-1/4	60	1524	11	5.0
50712744	7/8 x 3-1/4	72	1829	13	5.9
50712751	7/8 x 3-1/4	96	2438	17	7.7
51242006	7/8 x 4-1/4	12	305	3-3/4	1.7
51242014	7/8 x 4-1/4	18	457	5	2.3
51233690	7/8 x 4-1/4	24	610	6	2.7
51242030	7/8 x 4-1/4	30	762	7	3.2
51234052	7/8 x 4-1/4	36	914	9	4.1
51234060	7/8 x 4-1/4	48	1219	11	5.0
51242063	7/8 x 4-1/4	60	1524	13	5.9
50712975	7/8 x 4-1/4	72	1829	17	7.7

**Carburized Drill Rods (Rope Thread)**

51365708	1-1/4	24	610	7	3.2
51365716	1-1/4	48	1219	12-1/2	5.7
50187897	1-1/4	72	1829	17	7.7

**Rammer and Tamper Butts**

Used On	Part Number	Description of Butt
130A1M	12SR-83	Malleable Butt 2 1/2" (64 mm) diameter
130A1M	14SR-83R-2-3/8	Rubber Tipped Butt 2 3/8" (60 mm) diameter
130A1M	14SR-83R-4	Rubber Topping-off Butt 3 29/32" (99 mm) diameter
241A1M	22SR-83-3x3/4	Malleable Butt 3" (76 mm) diameter
241A1M	24SR-83R-3	Rubber Tipped Butt 3" (76 mm) diameter
241A1M	24SR-83R-5	Rubber Tipped Butt 5" (127 mm) diameter
241A1M	24SR-93R	Peen, Rubber Tipped 1" x 2 7/8"
341A2M	34SR-383	Steel Butt 3" (76 mm) diameter

**Carset Bits®**

Part Number	Length		Thread Diameter in.
	Under Collar in.	Under Collar mm	

**Carset Bits (H Thread)**

HD28-CB14	1-3/4	45	H
HD28-CB16	2	51	H
51248300	1-1/2	38	H
51248326	1-3/4	44	H
51307155	1-3/8	35	H
51248318	1-5/8	41	H
51248334	1-7/8	48	H
51248342	2	51	H
51356723	2-1/4	57	H

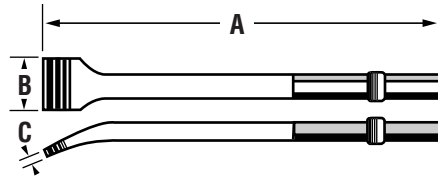
**Single Use Carbide Rock Bits (H Thread)**

51248359	1-3/8	35	H
51248367	1-1/2	38	H
51248375	1-5/8	41	H
51248383	1-3/4	44	H
51248391	1-7/8	48	H
51248409	2	51	H
51293017*	2-1/2	64	H

\*Multi Use Bit



## Air System Accessories Percussive Tool Accessories



### Tie Tamper Steels (7/8" x 2-9/16" Shank; 9/16" x 1-7/16" Collar)

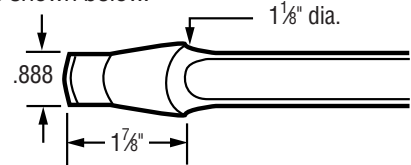
Part Number	A	B	C	Description
MT2-12-3/8	24" (610 mm)	3" (76 mm)	3/8" (9 mm)	Smooth plain face, for spot tamping and low lifts, no teeth
MT2-12-5/8	24" (610 mm)	3" (76 mm)	5/8" (16 mm)	Smooth plain face, for rock ballast of 2" mesh or larger
MT2-12-7/8	24" (610 mm)	3" (76 mm)	7/8" (22 mm)	Smooth plain face, for small rock ballast, gravel and slag
MT2-12-3/4	24" (610 mm)	3" (76 mm)	3/4" (19 mm)	Smooth plain face, for dirt, cinder, gravel, sand or chat ballast
MT2-12-1 1/8†	24" (610 mm)	3" (76 mm)	1-1/8" (29 mm)	Smooth plain face, for dirt, cinder, gravel, sand or chat ballast
MT2-S12-5/8	24" (610 mm)	3" (76 mm)	5/8" (16 mm)	Two toothed face, for stone ballast

† Subject to prior sale

### Air Hammer Chisels

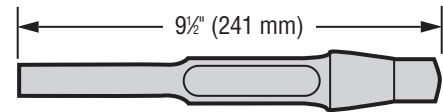
Tool	Part Number	Description	Length Under Collar	Shank
<b>Chisels</b>				
6001	6001-297-12	Moil Point	12"	7/8" HEX x 3 1/4"
6001	6001-276-9	1" Flat Blade Chisel	9.5"	7/8" HEX x 3 1/4"
6001	6001-276-12	1" Flat Blade Chisel	12"	7/8" HEX x 3 1/4"
6001	6001-277-9	Side Cut Chisel	9.5"	7/8" HEX x 3 1/4"
6001	6001-295-9	Ripper Chisel	9.5"	7/8" HEX x 3 1/4"

9001 uses Jumbo Four Side Tools as shown below.



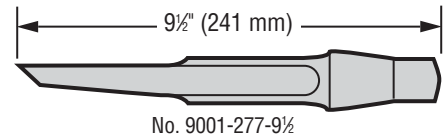
<b>Punches</b>				
6001	6001-278	Backout Punch 3/8" Dia.	9.5"	7/8" HEX x 3 1/4"
6001	6001-279	Backout Punch 1/2" Dia.	9.5"	7/8" HEX x 3 1/4"
6001	6001-280	Backout Punch 5/8" Dia.	9.5"	7/8" HEX x 3 1/4"
6001	6001-281	Backout Punch 3/4" Dia.	9.5"	7/8" HEX x 3 1/4"
6001	6001-282	Backout Punch 7/8" Dia.	9.5"	7/8" HEX x 3 1/4"
6001	6001-283	Backout Punch 1" Dia.	9.5"	7/8" HEX x 3 1/4"
6001	6001-284	Backout Punch 1 1/8" Dia.	9.5"	7/8" HEX x 3 1/4"

### Back Out Punches



<b>Chisels</b>				
9001	9001-297-12	Moil Point	12"	.888 Round x 1 7/8"
9001	9001-276-9 1/2	1" Flat Blade Chisel	9.5"	.888 Round x 1 7/8"
9001	9001-276-12	1" Flat Blade Chisel	12"	.888 Round x 1 7/8"
9001	9001-276-18	1" Flat Blade Chisel	18"	.888 Round x 1 7/8"
9001	9001-277-9 1/2	Side Cut Chisel	9.5"	.888 Round x 1 7/8"
9001	9001-295-9 1/2	Ripper Chisel	9.5"	.888 Round x 1 7/8"

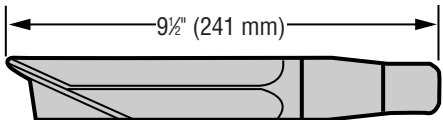
### Side Cut Chisel



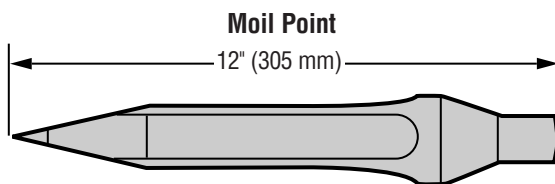
No. 9001-277-9 1/2

<b>Punches</b>				
9001	9001-278	Backout Punch 3/8" Dia.	9.5"	.888 Round x 1 7/8"
9001	9001-279	Backout Punch 1/2" Dia.	9.5"	.888 Round x 1 7/8"
9001	9001-280	Backout Punch 5/8" Dia.	9.5"	.888 Round x 1 7/8"
9001	9001-281	Backout Punch 3/4" Dia.	9.5"	.888 Round x 1 7/8"
9001	9001-282	Backout Punch 7/8" Dia.	9.5"	.888 Round x 1 7/8"
9001	9001-283	Backout Punch 1" Dia.	9.5"	.888 Round x 1 7/8"
9001	9001-284	Backout Punch 1 1/8" Dia.	9.5"	.888 Round x 1 7/8"

### Ripper Chisel



No. 9001-295-9 1/2



No. 9001-297-12

### Chisels

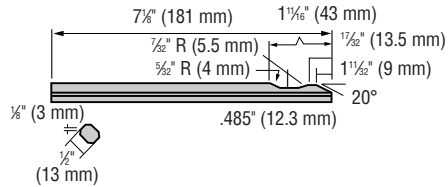


9001-276-9 1/2  
9001-276-12  
9001-276-18

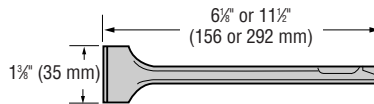
## Scaler Accessories

### Chisels for Series 172 and 182 Scalers

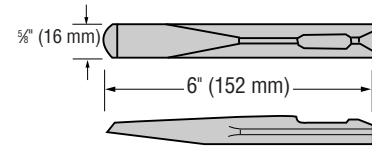
#### No. WF-14-7 $\frac{1}{8}$ " Chisel Blank



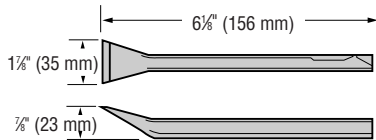
#### No. WF-14-6 $\frac{1}{8}$ " or No. WF-14B-11 $\frac{1}{2}$ " Straight Scaling Chisel



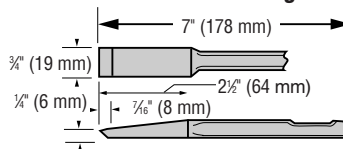
#### No. WF-14G Gouge Chisel



#### No. WF-14A-6 $\frac{1}{8}$ " Angle Scaling Chisel



#### No. WF-14F-7 Flat Scaling Chisel



## Needle Scaler Attachments

Needle Scaler Attachments are available for use on Series 172 or 182 Scalers already in service. Order by one of the part numbers shown.

Part Number	Description
<b>Round Needle Housing</b>	
NS11A	with 5" (127 mm) Steel Needles
NS11AS	with 5" (127 mm) Stainless Steel Needles
NS11A7	with 7" (178 mm) Extended Steel Needles
<b>Rectangular Needle Housing</b>	
NS11BB	with 5" (127 mm) Beryllium Copper Needles
NS11BS	with 5" (127 mm) Stainless Steel Needles
NS11B7	with 7" (178 mm) Extended Steel Needles

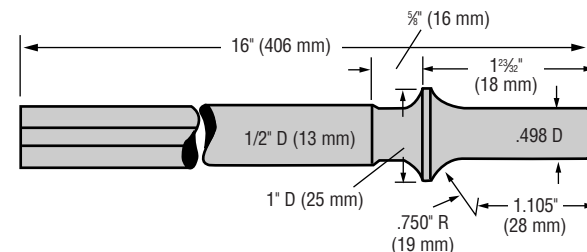
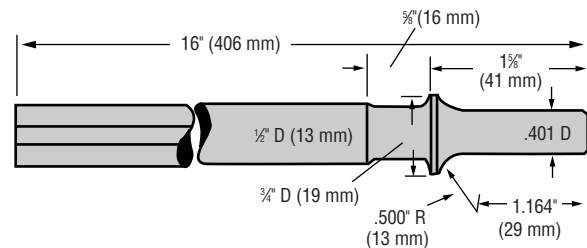
## Pistons for Models 161C1 and 3161C1 Scalers

Part Number	Description
<b>For Model 161C1, one required</b>	
N16-5A	Short Steel 2-3/4" (70 mm)
<b>For Model 3161C1, three required</b>	
316-5	Short Steel 2-5/8" (67 mm)
316-C5	Short Carbide-Tipped 2-5/8" (67 mm)
316-L5	Long Steel 3-5/8" (92 mm)
316-CL5	Long Carbide-Tipped 3-5/8" (92 mm)

## Replacement Needles

Part Number	Description
<b>Set of 19 Needles</b>	
NS11-22-19	5" (127 mm) Steel Needles
NS11-B22-19	5" (127 mm) Beryllium Copper Needles
NS11-S22-19	5" (127 mm) Stainless Steel Needles
NS11-122-19	7" (178 mm) Extended Steel Needles

## Chisels for Lightweight Riveters and Hammers



## Plain Collar Retainer Type

Shank Dia.	Length	Blank	Stripping
in.	in.	Part Number	Part Number
.401	16	AV11-115-16	AV11-115S-16
.498	7	AV24-215-7	
.498	16	AV24-215-16*	AV24-215S-16*

\* Round Shank Steel