



# Construction Tool Steels and Accessories

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# Strong products from a strong company

Ingersoll Rand offers a complete line of construction tool steels and accessories for countless applications. Our construction heritage dates back to 1871 with the invention of the world's first rockdrill. Drawing on our long and successful history in the construction industry, we use top-grade materials to manufacture a line of tough, durable products that are versatile enough to be used in virtually every tool brand.



As a full-line equipment and tool provider, Ingersoll Rand also offers such service and maintenance tools as impact wrenches, surface preparation tools, pullers, hoists, winches for material handling, and a complete offering of parts and accessories to complement each tool product. With our unique heritage, proven performance, and strong customer support, we're breaking new ground for jobsite solutions. For more details, go to [irtools.com](http://irtools.com) or contact an Ingersoll Rand representative at (866) IR4-TOOL.

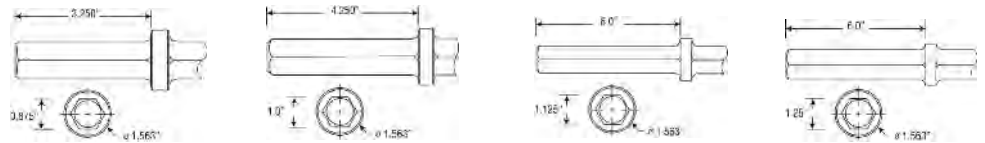




## Pavement Breaker Steels, Digger Steels, and Accessories

Choose from a complete line of tool steels for your pavement breaker, with products for many applications including concrete, asphalt, excavation, and general demolition.

### Pavement Breaker and Digger Steels



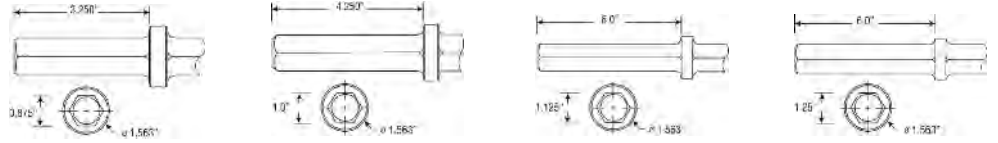
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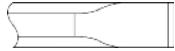
General demolition

Hex Shank Size	7/8" x 3-1/4"			1" x 4-1/4"			1-1/8" x 6"			1-1/4" x 6"		
Length Under Collar	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity
<b>MOIL POINT — STANDARD-DUTY</b>												
14"	50050269	3.25	10	50050368	4.5	10	50050475	6	10	50055680	7.5	10
18"	50050277	4	10	50050376	5.5	5	50055524	7.25	5	50055698	9	10
24"	50050285	5.25	1	50050392	6.75	1	50055540	9.5	1	50055714	11.25	1
36"	51305860	7.5	1	45512563	10	1	50055565	13.25	1	50055730	15.75	1
48"	45512621	9.75	1	45512571	13	1	50055573	17	1	50055748	20.5	1
60"	45512639	12	1	45512589	15.75	1	50055581	20.5	1	50055755	25	1
72"	45512647	14.25	1	45512597	18.75	1	50055599	24	1	50198993	29.5	1
84"				45512605	21.75	1	45512514	28	1	45512688	34	1
96"				45512613	24.5	1	45512522	31.75	1	45512696	38.75	1
120"				45512530	30.5	1	45512480	39.75	1	45512654	48.5	1
144"				45512548	36.75	1	45512498	47.5	1	45512662	58.25	1
168"				45512555	42.75	1	45512506	55.5	1	45512670	68	1
<b>MOIL POINT — SUPER-DUTY</b>												
11-1/4"	22041495	3.5	5	22041057	4	5	22041073	6.5	5	22041099	7.5	5
14-1/4"	22041602	3.75	5	22041065	5.25	5	22041081	6.75	5	22041107	8	5

# Pavement Breaker and Digger Steels



## 1" Narrow Chisel



General demolition

Hex Shank Size		7/8" x 3-1/4"			1" x 4-1/4"			1-1/8" x 6"			1-1/4" x 6"		
Length Under Collar	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	
<b>1" NARROW CHISEL — STANDARD-DUTY</b>													
14"	50199207	3.25	10	50197805	4.5	5	50197904	6	10	50196385	7.5	10	
18"	50199215	4	10	50197821	5.5	5	50197912	7.25	5	50196401	9	5	
24"	50199223	5.25	1	45510245	6.75	1	50197938	9.5	1	50196419	11.25	1	
36"	45510682	7.5	1	45510252	10	1	51298107	13.25	1	51299477	15.75	1	
48"	45510690	9.75	1	45510260	13	1	50197979	17	1	51299485	20.5	1	
60"	45510708	12	1	45510278	15.75	1	50197987	20.5	1	51299048	25	1	
72"	45510716	14.25	1	45510286	18.75	1	50197995	24	1	51299493	29.5	1	
84"				45510294	21.75	1	45510385	28	1	45509965	34	1	
96"				45510302	24.5	1	45510393	31.75	1	45509973	38.75	1	
120"				45510211	30.5	1	45510401	39.75	1	45509932	48.5	1	
144"				45510229	36.75	1	45510369	47.5	1	45509940	58	1	
168"				45510237	42.75	1	45510377	55.5	1	45509957	67.75	1	
<b>1" NARROW CHISEL — SUPER-DUTY</b>													
11-1/4"	22041503	3.5	5	22041115	4	5	22041131	6.5	5	22041156	7.5	5	
14-1/4"	22041610	3.75	5	22041123	5.25	5	22041149	6.75	5	22041164	8	5	

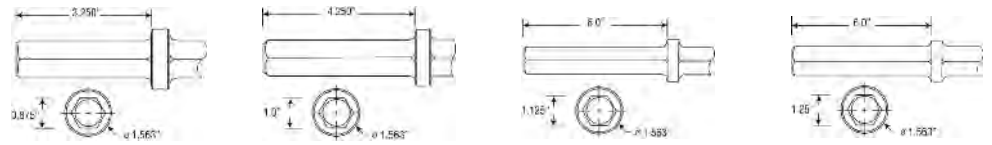
## 3" Chisel



Concrete demolition and asphalt cutting

Hex Shank Size		7/8" x 3-1/4"			1" x 4-1/4"			1-1/8" x 6"			1-1/4" x 6"		
Length Under Collar	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	
<b>3" CHISEL</b>													
14"	50195288	3.25	5	50195320	4.5	10	50114883	6	10	50193879	7.5	10	
18"	50195296	4	5	50195338	5.5	10	50193754	7.25	5	50193887	9	5	
24"	45510542	5.5	1	50195353	6.75	1	50193747	9.75	1	50193903	12.25	1	
36"	45510559	8	1	50195361	10	1	45510500	13.5	1	45510484	16.75	1	
48"	45510567	10	1	50195379	12.75	1	45510518	17.25	1	50193937	21.25	1	
60"	45510575	12.25	1	45510476	16.5	1	45510526	21	1	45510492	26	1	
72"	45510583	14	1	51304574	19.25	1	45510534	24.75	1	50191790	30	1	

# Pavement Breaker and Digger Steels



## 1-1/2" Super Cut Chisel



Specially designed for breaking concrete

Hex Shank Size		7/8" x 3-1/4"			1" x 4-1/4"			1-1/8" x 6"			1-1/4" x 6"		
Length Under Collar	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	
<b>1-1/2" SUPER CUT CHISEL</b>													
16"				22040463	4.5	5	22040471	8	5	22040489	9.25	5	

## 3-3/4" Combo Cutter



Great for manhole reconstruction

Hex Shank Size		7/8" x 3-1/4"			1" x 4-1/4"			1-1/8" x 6"			1-1/4" x 6"		
Length Under Collar	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	
<b>3-3/4" COMBO CUTTER</b>													
12"							22040612	8.5	5	22040620	9.5	5	

## 5" Asphalt Cutter



Asphalt cutting and removal

Hex Shank Size		7/8" x 3-1/4"			1" x 4-1/4"			1-1/8" x 6"			1-1/4" x 6"		
Length Under Collar	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	
<b>5" ASPHALT CUTTER</b>													
12"	22040935	6.75	5	50190404	7.25	5	50185982	8.5	5	50185990	9.25	5	

## 5-1/2" Clay Spade



Trench digging and trimming

Hex Shank Size		7/8" x 3-1/4"			1" x 4-1/4"			1-1/8" x 6"			1-1/4" x 6"		
Length Under Collar	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	
<b>5-1/2" CLAY SPADE</b>													
16"	50189596	7	5	50189554	7.25	5	50189562	8.5	5	50189570	11	5	

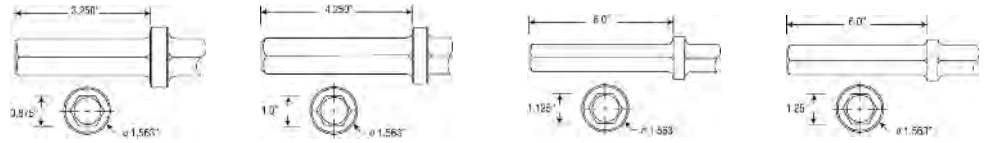
## 3" Digging Chisel



Digging and deeper asphalt cutting

Hex Shank Size		7/8" x 3-1/4"			1" x 4-1/4"			1-1/8" x 6"			1-1/4" x 6"		
Length Under Collar	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	
<b>3" DIGGING CHISEL</b>													
16"	22040968	7.5	5	22040976	8	5	22040984	10	5	50186014	11.5	5	

## Pavement Breaker and Digger Steels



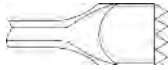
### Frost Wedge



Used for breaking frozen ground

Hex Shank Size		7/8" x 3-1/4"			1" x 4-1/4"			1-1/8" x 6"			1-1/4" x 6"		
Length Under Collar	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	
<b>FROST WEDGE</b>													
16-1/2"	FW40810	7	1	FW40820	10	1	FW40830	13	1	FW40840	18	1	

### Bushing Tool



Concrete surface removal or roughing

Hex Shank Size		7/8" x 3-1/4"			1" x 4-1/4"			1-1/8" x 6"			1-1/4" x 6"		
Length Under Collar	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	
<b>BUSHING TOOL</b>													
9"	BT41310	5	1	BT41320	6.5	1	BT41330	7	1	BT41340	7.25	1	

## Pavement Breaker and Digger Accessories

### Concrete Breaker



Breaking up concrete; driven into drilled hole

Hex Shank Size		7/8" x 3-1/4"			1" x 4-1/4"			1-1/8" x 6"			1-1/4" x 6"		
Length Under Collar	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	
<b>CONCRETE BREAKER</b>													
14-1/2"							CB40960	11.25	1	CB40970	12.25	1	

### 1" Pipe Driver



Driving steel pipe up to 1" O.D.

Hex Shank Size		7/8" x 3-1/4"			1" x 4-1/4"			1-1/8" x 6"			1-1/4" x 6"		
Length Under Collar	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	
<b>1" PIPE DRIVER</b>													
11"							22040505	5	1	22040513	6.5	1	

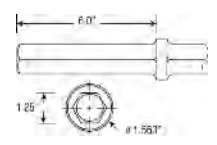
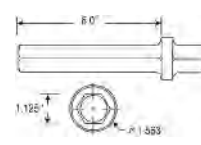
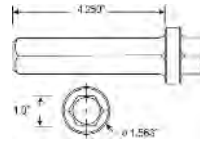
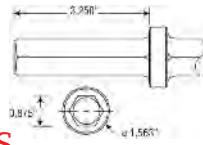
### 1-1/2" Pipe Driver



Driving steel pipe up to 1-1/2" O.D.

Hex Shank Size		7/8" x 3-1/4"			1" x 4-1/4"			1-1/8" x 6"			1-1/4" x 6"		
Length Under Collar	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	
<b>1-1/2" PIPE DRIVER</b>													
11"							22040547	7	1	22040554	7.5	1	

## Pavement Breaker and Digger Accessories



### Ground Rod Driver



Driving steel rod up  
to 1" O.D.

Hex Shank Size		7/8" x 3-1/4"			1" x 4-1/4"			1-1/8" x 6"			1-1/4" x 6"		
Length	Part	Weight	Box	Part	Weight	Box	Part	Weight	Box	Part	Weight	Box	
Under Collar	Number	lb	Quantity	Number	lb	Quantity	Number	lb	Quantity	Number	lb	Quantity	
<b>GROUND ROD DRIVER</b>													
9"				22040588	5.25	5	22040596	6.75	5	22040604	7.25	5	

### 3-piece Sign Post Driver



Includes shank, post block,  
and 3-1/2" driver

Hex Shank Size		7/8" x 3-1/4"			1" x 4-1/4"			1-1/8" x 6"			1-1/4" x 6"		
Length	Part	Weight	Box	Part	Weight	Box	Part	Weight	Box	Part	Weight	Box	
Under Collar	Number	lb	Quantity	Number	lb	Quantity	Number	lb	Quantity	Number	lb	Quantity	
<b>3-PIECE SIGN POST DRIVER</b>													
7-3/4"	22040778	5	1	22040943	5.25	1	22041008	5.25	1	22041016	6	1	

### Detachable Shank



Used with tent stake  
drivers and tamping pads

Hex Shank Size		7/8" x 3-1/4"			1" x 4-1/4"			1-1/8" x 6"			1-1/4" x 6"		
Length	Part	Weight	Box	Part	Weight	Box	Part	Weight	Box	Part	Weight	Box	
Under Collar	Number	lb	Quantity	Number	lb	Quantity	Number	lb	Quantity	Number	lb	Quantity	
<b>DETACHABLE SHANK</b>													
9"	22040927	4	1	50187830	4.5	1	50187848	5.25	1	50187855	6	1	

### 2" Tent Stake Driver



Used with detachable shank

Hex Shank Size		7/8" x 3-1/4"			1" x 4-1/4"			1-1/8" x 6"			1-1/4" x 6"		
Length	Part	Weight	Box	Part	Weight	Box	Part	Weight	Box	Part	Weight	Box	
Under Collar	Number	lb	Quantity	Number	lb	Quantity	Number	lb	Quantity	Number	lb	Quantity	
<b>2" TENT STAKE DRIVER</b>													
N/A	22040638	3.5	1	22040638	3.5	1	22040638	3.5	1	22040638	3.5	1	

### 2-1/2" Tent Stake Driver

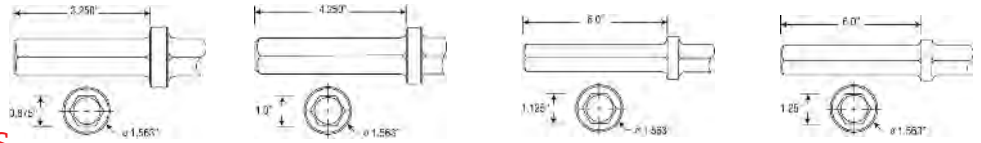


Used with detachable shank

Hex Shank Size		7/8" x 3-1/4"			1" x 4-1/4"			1-1/8" x 6"			1-1/4" x 6"		
Length	Part	Weight	Box	Part	Weight	Box	Part	Weight	Box	Part	Weight	Box	
Under Collar	Number	lb	Quantity	Number	lb	Quantity	Number	lb	Quantity	Number	lb	Quantity	
<b>2-1/2" TENT STAKE DRIVER</b>													
N/A	22040646	4	1	22040646	4	1	22040646	4	1	22040646	4	1	



# Pavement Breaker and Digger Accessories



## 6" Tamping Pad Square



Tamping and backfilling; used with detachable shank

Hex Shank Size	7/8" x 3-1/4"				1" x 4-1/4"				1-1/8" x 6"				1-1/4" x 6"			
Length Under Collar	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity				
<b>6" TAMPING PAD SQUARE</b>																
N/A	51305894	10.5	1	51305894	10.5	1	51305894	10.5	1	51305894	10.5	1				

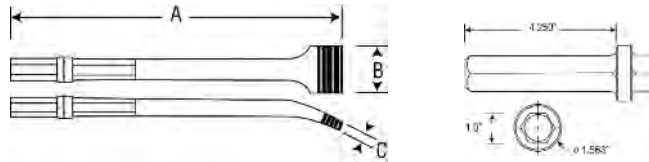
## 8" Tamping Pad Square



Tamping and backfilling; used with detachable shank

Hex Shank Size	7/8" x 3-1/4"				1" x 4-1/4"				1-1/8" x 6"				1-1/4" x 6"			
Length Under Collar	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity	Part Number	Weight lb	Box Quantity				
<b>8" TAMPING PAD SQUARE</b>																
N/A	50187897	14.5	5	50187897	14.5	5	50187897	14.5	5	50187897	14.5	5				

# Tie Tamper Steels



## Plain-face Tie Tamper Steel

## Tooth-face Tie Tamper Steel

Part Number	Dimensions in			Weight lb	Box Quantity	Description
	A	B	C			
<b>PLAIN-FACE TIE TAMPER STEEL</b>						
45512720	24"	3"	3/8"	5.25	1	For spot-tamping and low lifts
45512738	24"	3"	5/8"	6.5	1	For rock ballast of 29 mesh or larger
45512746	24"	3"	7/8"	8	1	For small rock ballast, gravel, and slag
45512712	24"	3"	3/4"	7.25	1	For dirt, cinder, gravel, sand, or chat ballast
45512704	24"	3"	1-1/8"	8	1	For dirt, cinder, gravel, sand, or chat ballast
<b>TOOTH-FACE TIE TAMPER STEEL</b>						
45513231	24"	3"	5/8"	7.5	1	For stone ballast



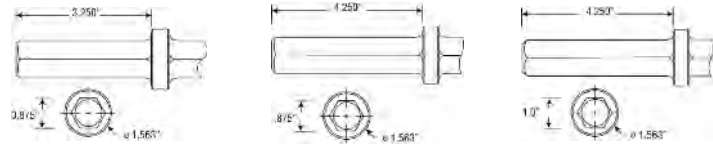
## Jackhammer and Rockdrill Rods and Bits

Our carbide-tipped drill steels are available in diameters from 5/8" to 1-5/8" to meet all your drilling needs. Our complete range of shank sizes lets you use Ingersoll Rand drill steels with virtually any jackhammer or rockdrill.

All jackhammer rods and bits are sold as single units (no required box quantities).

### Jackhammer Rods

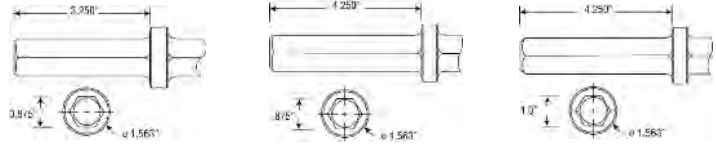
#### Hexagon Shank Whirlibits Carbide-tipped Drill Steel



Hex Shank Size			7/8" x 3-1/4"		7/8" x 4-1/4"		1" x 4-1/4"	
Diameter	Depth	Length Under Collar	Part Number	Weight lb	Part Number	Weight lb	Part Number	Weight lb
<b>HEXAGON SHANK WHIRLIBITS CARBIDE-TIPPED DRILL STEEL</b>								
5/8"	6"	9"	WB5869	1.5	WBA5869	1.75		
5/8"	9"	12"	WB58912	1.75	WBA58912	2		
5/8"	15"	18"	WB581518	2	WBA581518	2.25		
5/8"	21"	24"	WB582124	2.5	WBA582124	2.75		
5/8"	27"	30"	WB582730	3	WBA582730	3.25		
3/4"	6"	9"	WB3469	1.75	WBA3469	2		
3/4"	9"	12"	WB34912	2	WBA34912	2.25	WBC34912	2.5
3/4"	15"	18"	WB341518	2.5	WBA341518	2.75	WBC341518	3
3/4"	21"	24"	WB342124	3	WBA342124	3.25	WBC342124	3.5
3/4"	27"	30"	WB342730	3.5	WBA342730	3.75	WBC342730	4
3/4"	33"	36"	WB343336	3.75	WBA343336	4		
3/4"	45"	48"	WB344548	4.25	WBA344548	4.5		
7/8"	6"	9"	WB7869	2	WBA7869	2.25		
7/8"	9"	12"	WB78912	2.5	WBA78912	2.75	WBC78912	2.5
7/8"	15"	18"	WB781518	3	WBA781518	3.25	WBC781518	3.25
7/8"	21"	24"	WB782124	3.75	WBA782124	4	WBC782124	4
7/8"	27"	30"	WB782730	4.5	WBA782730	4.75	WBC782730	4.5
7/8"	33"	36"	WB783336	5	WBA783336	5.25	WBC783336	5.5
7/8"	45"	48"	WB784548	6.25	WBA784548	6.5		

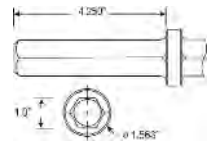
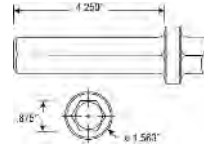
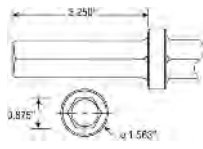
## Jackhammer Rods

### Hexagon Shank Whirlibits Carbide-tipped Drill Steel



Hex Shank Size			7/8" x 3-1/4"		7/8" x 4-1/4"		1" x 4-1/4"	
Diameter	Depth	Length Under Collar	Part Number	Weight lb	Part Number	Weight lb	Part Number	Weight lb
<b>HEXAGON SHANK WHIRLIBITS CARBIDE-TIPPED DRILL STEEL</b>								
1"	9"	12"	WB1912	2.75	WBA1912	3	WBC1912	3
1"	15"	18"	WB11518	3.5	WBA11518	3.75	WBC11518	4
1"	21"	24"	WB12124	4.25	WBA12124	4.5	WBC12124	5
1"	27"	30"	WB12730	5.25	WBA12730	5.5	WBC12730	5.75
1"	33"	36"	WB13336	6	WBA13336	6.25		
1"	45"	48"	WB14548	7.5	WBA14548	7.75		
1-1/8"	9"	12"	WB118912	3	WBA118912	3.25	WBC118912	3.75
1-1/8"	15"	18"	WB1181518	4	WBA1181518	4.25	WBC1181518	4.5
1-1/8"	21"	24"	WB1182124	5	WBA1182124	5.25	WBC1182124	5.5
1-1/8"	27"	30"	WB1182730	6	WBA1182730	6.25	WBC1182730	6.75
1-1/8"	33"	36"	WB1183336	6.75	WBA1183336	7	WBC1183336	7.75
1-1/8"	45"	48"	WB1184548	8.75	WBA1184548	9		
1-1/4"	9"	12"	WB114912	3	WBA114912	3.25	WBC114912	4.25
1-1/4"	15"	18"	WB1141518	4	WBA1141518	4.25	WBC1141518	5.5
1-1/4"	21"	24"	WB1142124	5	WBA1142124	5.25	WBC1142124	6.75
1-1/4"	27"	30"	WB1142730	6	WBA1142730	6.25	WBC1142730	8
1-1/4"	33"	36"	WB1143336	7	WBA1143336	7.25		
1-1/4"	45"	48"	WB1144548	8.75	WBA1144548	9	WBC1144548	11.5
1-3/8"	9"	12"	WB138912	3.25	WBA138912	3.5	WBC138912	4.25
1-3/8"	15"	18"	WB1381518	4	WBA1381518	4.25	WBC1381518	5.5
1-3/8"	21"	24"	WB1382124	5.25	WBA1382124	5.5	WBC1382124	6.5
1-3/8"	27"	30"	WB1382730	6.25	WBA1382730	6.5	WBC1382730	8
1-3/8"	45"	48"	WB1384548	7.25	WBA1384548	9.25		
1-1/2"	9"	12"	WB112912	3.25	WBA112912	3.5	WBC112912	4
1-1/2"	15"	18"	WB1121518	4.25	WBA1121518	4.5	WBC1121518	5.5
1-1/2"	21"	24"	WB1122124	5.25	WBA1122124	5.5	WBC1122124	6.75
1-1/2"	27"	30"	WB1122730	6.25	WBA1122730	6.5	WBC1122730	8
1-1/2"	45"	48"	WB1124548	9				
1-5/8"	15"	18"	WB1581518	4	WBA1581518	4.25		
1-5/8"	21"	24"	WB11582124	5.5	WBA11582124	5.75	WBC1582124	7

## Jackhammer Rods



### "H" Thread Rod



Hex Shank Size		7/8" x 3-1/4"		7/8" x 4-1/4"		1" x 4-1/4"	
Length Under Collar	Part Number	Weight lb	Part Number	Weight lb	Part Number	Weight lb	
<b>"H" THREAD ROD</b>							
12"	45509585	3	51242006	3.25	50713023	4	
18"	50283266	4	51242014	4.25	50713031	5	
24"	50283506	5	51233690	5.25	50354596	7	
30"	51305639	6	51242030	6.25	51305704	9	
36"	50712728	7	51234052	7.25	50713049	10	
48"	50283555	9	51234060	9.25	50283183	12	
60"	50712736	11	51242063	12	50713056	15	
72"	50712744	14	50712975	13.25	50283696	18	
96"	50712751	18			50283241	23	
120"	45509593	22			50712132	28	
144"					50712140	33.5	

## Jackhammer Bits

### "H" Thread Carbide Bit



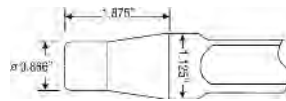
Bit Size	Single-use Bits		Multi-use Bits	
	Part Number	Weight lb	Part Number	Weight lb
<b>"H" THREAD CARBIDE BIT</b>				
1-3/8"	51248359	0.44	51307155	0.5
1-1/2"	51248367	0.46	51248300	0.6
1-5/8"	51248375	0.56	51248318	0.65
1-3/4"	51248383	0.6	51248326	0.8
1-7/8"	51248391	0.82	51248334	0.9
2"	51248409	0.88	51248342	1.1
2-1/4"			51356723	1.2
2-1/2"			51293017	1.3



## Rivet Buster Steels and Accessories

Our jumbo shank rivet buster steels and attachments are ideal for general demolition and steel demolition applications.

### Jumbo Shank Rivet Buster Steels



#### Moil Point



General demolition

#### Flat Chisel



General demolition

#### Side-cut Chisel



Steel, rivet cutting

#### Ripper



Splitting steel

Length	Part Number	Weight lb	Box Quantity
<b>MOIL POINT</b>			
9"	9001-297-9	2	15
12"	9001-297-12	2.5	15
18"	9001-297-18	3.75	5
24"	9001-297-24	5.5	1
36"	9001-297-36	8	1
<b>FLAT CHISEL</b>			
9"	9001-276-9-1/2	2	15
12"	9001-276-12	2.5	15
18"	9001-276-18	3.75	15
24"	9001-276-24	5.5	1
36"	9001-276-36	8	1
<b>SIDE-CUT CHISEL</b>			
9"	9001-277-9-1/2	2	5
12"	9001-277-12	2.5	5
18"	9001-277-18	3.75	5
24"	9001-277-24	5.5	1
36"	9001-277-36	8	1
<b>RIPPER</b>			
9"	9001-295-9-1/2	2	5
12"	9001-295-12	2.5	5

## Backout Punches

### Backout Punch



Removing bolts and rivets

Length	Rivet Diameter	Part Number	Weight lb	Box Quantity
<b>BACKOUT PUNCH</b>				
9-1/2"	3/8"	9001-278	2	5
9-1/2"	1/2"	9001-279	2	5
9-1/2"	5/8"	9001-280	2	5
9-1/2"	3/4"	9001-281	2.25	5
9-1/2"	7/8"	9001-282	2.25	5
9-1/2"	1"	9001-283	2.25	5

## Rivet Buster Accessories

### Retainer



89938443



9001-200

Barrel Threaded (9001, 11001) Part Number	Box Quantity	Barrel Grooved (8001A, 9001A, 11001A) Part Number	Box Quantity
<b>RETAINER</b>			
N/A		89938443	1
9001-200	1	N/A	

### Upper Sleeve



9001-220

### Lower Sleeve



9001-201

Barrel Threaded (9001, 11001) Part Number	Box Quantity	Barrel Grooved (8001A, 9001A, 11001A) Part Number	Box Quantity
<b>UPPER SLEEVE</b>			
9001-220	1	9001-220	1
<b>LOWER SLEEVE</b>			
9001-201	1	9001-201	1

### Bumper



9001-203

Barrel Threaded (9001, 11001) Part Number	Box Quantity	Barrel Grooved (8001A, 9001A, 11001A) Part Number	Box Quantity
<b>BUMPER</b>			
9001-203	1	9001-203	1

### Lock Clip



9RB-207

### Spring Lock



89938450

Barrel Threaded (9001, 11001) Part Number	Box Quantity	Barrel Grooved (8001A, 9001A, 11001A) Part Number	Box Quantity
<b>LOCK CLIP</b>			
9RB-207	1	N/A	
<b>SPRING LOCK</b>			
N/A		89938450	5

### Key



9001-208

### Pin



FMD2-667

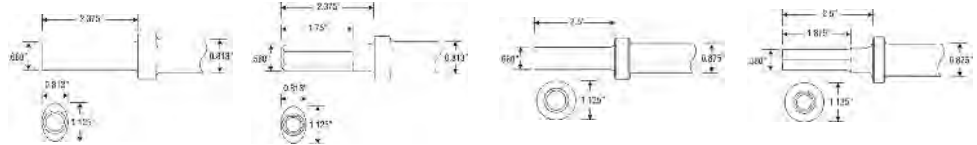
Barrel Threaded (9001, 11001) Part Number	Box Quantity	Barrel Grooved (8001A, 9001A, 11001A) Part Number	Box Quantity
<b>KEY</b>			
9001-208	1	N/A	
<b>PIN</b>			
FMD2-667	1	N/A	



# Chipping Hammer Steels and Accessories

Suitable for a wide range of applications, our chipping hammer steels are available with round or hex shanks and oval or round collars.

## Chipping Hammer Steels



### Blank



For making customized points

Length	Round Shank Oval Collar		Hex Shank Oval Collar		Round Shank Round Collar		Hex Shank Round Collar		Weight lb
	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	
<b>BLANK</b>									
12"	HH1-215-12	5	HH1-214-12	5	H3R-215-12	5	H3R-214-12	5	1.75
18"	HH1-215-18	5	HH1-214-18	5	H3R-215-18	5	H3R-214-18	5	2.75
24"	HH1-215-24	1	HH1-214-24	1	H3R-215-24	1	H3R-214-24	1	3.5
36"	HH1-215-36	1	HH1-214-36	1	H3R-215-36	1	H3R-214-36	1	5.5

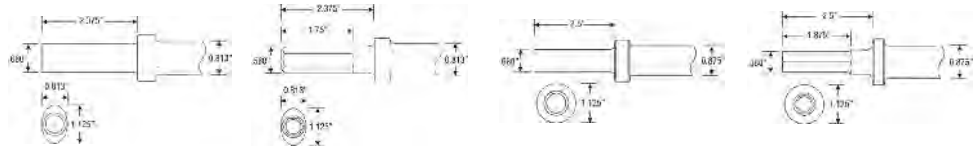
### 1" Flat Chisel



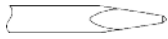
General demolition

Length	Round Shank Oval Collar		Hex Shank Oval Collar		Round Shank Round Collar		Hex Shank Round Collar		Weight lb
	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	
<b>1" FLAT CHISEL</b>									
9"	HH1-215F-9	10	HH1-214F-9	10	H3R-215F-9	10	H3R-214F-9	10	1.25
12"	HH1-215F-12	15	HH1-214F-12	15	H3R-215F-12	15	H3R-214F-12	15	1.75
18"	HH1-215F-18	15	HH1-214F-18	15	H3R-215F-18	15	H3R-214F-18	10	2.5
24"	HH1-215F-24	5	HH1-214F-24	5	H3R-215F-24	1	H3R-214F-24	5	3
36"	HH1-215F-36	1	HH1-214F-36	1	H3R-215F-36	1	H3R-214F-36	1	5.25
48"	HH1-215F-48	1	HH1-214F-48	1	H3R-215F-48	1	H3R-214F-48	1	6
60"	HH1-215F-60	1	HH1-214F-60	1	H3R-215F-60	1	H3R-214F-60	1	9
72"	HH1-215F-72	1	HH1-214F-72	1	H3R-215F-72	1	H3R-214F-72	1	9.25
84"	HH1-215F-84	1	HH1-214F-84	1	H3R-215F-84	1	H3R-214F-84	1	13.25
96"	HH1-215F-96	1	HH1-214F-96	1	H3R-215F-96	1	H3R-214F-96	1	15.25

# Chipping Hammer Steels



## Moil Point



General demolition

Length	Round Shank Oval Collar		Hex Shank Oval Collar		Round Shank Round Collar		Hex Shank Round Collar		Weight lb
	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	
<b>MOIL POINT</b>									
9"	HH1-215M-9	10	HH1-214M-9	10	H3R-215M-9	10	H3R-214M-9	10	1.25
12"	HH1-215M-12	15	HH1-214M-12	15	H3R-215M-12	5	H3R-214M-12	5	1.75
18"	HH1-215M-18	5	HH1-214M-18	10	H3R-215M-18	5	H3R-214M-18	5	2.5
24"	HH1-215M-24	1	HH1-214M-24	1	H3R-215M-24	5	H3R-214M-24	5	3.5
36"	HH1-215M-36	1	HH1-214M-36	1	H3R-215M-36	5	H3R-214M-36	1	5.25

## 1-1/2" Scaling Chisel



General demolition

Length	Round Shank Oval Collar		Hex Shank Oval Collar		Round Shank Round Collar		Hex Shank Round Collar		Weight lb
	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	
<b>1-1/2" SCALING CHISEL</b>									
9"	HH1-215B-9	10	HH1-214B-9	10	H3R-215B-9	10	H3R-214B-9	10	1.5
12"	HH1-215B-12	15	HH1-214B-12	5	H3R-215B-12	5	H3R-214B-12	5	2
18"	HH1-215B-18	5	HH1-214B-18	5	H3R-215B-18	5	H3R-214B-18	5	2.75

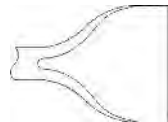
## 2" Scaling Chisel



General demolition

Length	Round Shank Oval Collar		Hex Shank Oval Collar		Round Shank Round Collar		Hex Shank Round Collar		Weight lb
	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	
<b>2" SCALING CHISEL</b>									
9"	HH1-323-9	10	HH1-324-9	10	H3R-423-9	10	H3R-424-9	10	1.25
12"	HH1-323-12	10	HH1-324-12	10	H3R-423-12	10	H3R-424-12	10	2
18"	HH1-323-18	10	HH1-324-18	10	H3R-423-18	10	H3R-424-18	10	2.5
24"	HH1-323-24	5	HH1-324-24	5	H3R-423-24	5	H3R-424-24	5	3.5
36"	HH1-323-36	1	HH1-324-36	1	H3R-423-36	1	H3R-424-36	1	5.25
48"	HH1-323-48	1	HH1-324-48	1	H3R-423-48	1	H3R-424-48	1	7
60"	HH1-323-60	1	HH1-324-60	1	H3R-423-60	1	H3R-424-60	1	9.25
72"	HH1-323-72	1	HH1-324-72	1	H3R-423-72	1	H3R-424-72	1	11
84"	HH1-323-84	1	HH1-324-84	1	H3R-423-84	1	H3R-424-84	1	12.5
96"	HH1-323-96	1	HH1-324-96	1	H3R-423-96	1	H3R-424-96	1	14.5

## 3" Scaling Chisel



General demolition

Length	Round Shank Oval Collar		Hex Shank Oval Collar		Round Shank Round Collar		Hex Shank Round Collar		Weight lb
	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	
<b>3" SCALING CHISEL</b>									
12"	HH1-215S-12	10	HH1-214S-12	10	H3R-215S-12	5	H3R-214S-12	5	2

## Bushing Tool



Concrete leveling and roughing

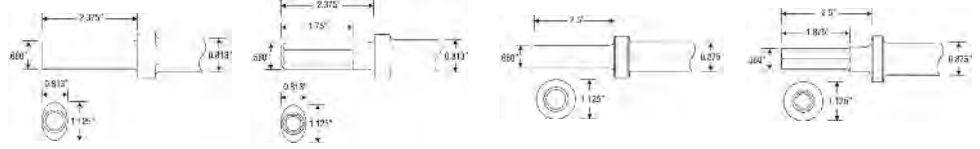
Length	Round Shank Oval Collar		Hex Shank Oval Collar		Round Shank Round Collar		Hex Shank Round Collar		Weight lb
	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	
<b>BUSHING TOOL</b>									
9"	HH1-215T-9	1	HH1-214T-9	1	H3R-215T-9	5	H3R-214T-9	1	2.5

Don't see what you're looking for?

Call (866) IR4-TOOL



# Chipping Hammer Steels



## Tooth



Tamping aggregate material

	Round Shank Oval Collar		Hex Shank Oval Collar		Round Shank Round Collar		Hex Shank Round Collar		
Length	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	Weight lb
<b>TOOTH</b>									
12"	HH1-321-12	1	HH1-322-12	1	H3R-421-12	1	H3R-422-12	1	1.75

## Ripper



Ripping and separating

	Round Shank Oval Collar		Hex Shank Oval Collar		Round Shank Round Collar		Hex Shank Round Collar		
Length	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	Weight lb
<b>RIPPER</b>									
12"	HH1-215R-12	5	HH1-214R-12	5	H3R-215R-12	5	H3R-214R-12	1	1.75

## Round Nose



Pointed for piercing holes

	Round Shank Oval Collar		Hex Shank Oval Collar		Round Shank Round Collar		Hex Shank Round Collar		
Length	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	Weight lb
<b>ROUND NOSE</b>									
12"	HH1-215N-12	5	HH1-214N-12	5	H3R-215N-12	5	H3R-214N-12	1	1.5

## Straight Fuller



Used on pipe and metal

	Round Shank Oval Collar		Hex Shank Oval Collar		Round Shank Round Collar		Hex Shank Round Collar		
Length	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	Weight lb
<b>STRAIGHT FULLER</b>									
12"	HH1-215J-12	1	HH1-214J-12	1	H3R-215J-12	1	H3R-214J-12	1	1.5

## Gouge



Cupped end for gouging wood and concrete

	Round Shank Oval Collar		Hex Shank Oval Collar		Round Shank Round Collar		Hex Shank Round Collar		
Length	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	Weight lb
<b>GOUGE</b>									
12"	HH1-215G-12	5	HH1-214G-12	5	H3R-215G-12	5	H3R-214G-12	1	1.5

## Caulking



Caulk removal

	Round Shank Oval Collar		Hex Shank Oval Collar		Round Shank Round Collar		Hex Shank Round Collar		
Length	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	Weight lb
<b>CAULKING</b>									
12"	HH1-215E-12	5	HH1-214E-12	5	H3R-215E-12	5	H3R-214E-12	1	1.75

## Diamond Point



General demolition

	Round Shank Oval Collar		Hex Shank Oval Collar		Round Shank Round Collar		Hex Shank Round Collar		
Length	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	Weight lb
<b>DIAMOND POINT</b>									
12"	HH1-215D-12	1	HH1-214D-12	1	H3R-215D-12	1	H3R-214D-12	1	1.75

## Cape Chisel

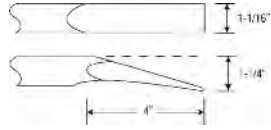


General demolition

	Round Shank Oval Collar		Hex Shank Oval Collar		Round Shank Round Collar		Hex Shank Round Collar		
Length	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	Part Number	Box Quantity	Weight lb
<b>CAPE CHISEL</b>									
12"	HH1-215C-12	5	HH1-214C-12	5	H3R-215C-12	5	H3R-214C-12	1	1.75

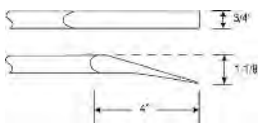
## Paper Box Stripping Chisels

### Paper Box Stripping Chisel



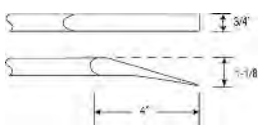
Length	Round Shank Round Collar Part Number	Dimensions	Weight lb	Box Quantity
<b>PAPER BOX STRIPPING CHISEL</b>				
22"	HHW1-S215-1	1-1/16" x 1-1/4" x 4"	4	5

### Paper Box Stripping Chisel



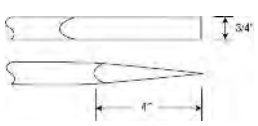
Length	Round Shank Round Collar Part Number	Dimensions	Weight lb	Box Quantity
<b>PAPER BOX STRIPPING CHISEL</b>				
16-1/4"	HHW1-S215-2	3/4" x 1-1/8" x 4"	2	5

### Paper Box Stripping Chisel



Length	Round Shank Round Collar Part Number	Dimensions	Weight lb	Box Quantity
<b>PAPER BOX STRIPPING CHISEL</b>				
22"	HHW1-S215-3	3/4" x 1-1/8" x 4"	2.5	5

### Paper Box Stripping Chisel



Length	Round Shank Round Collar Part Number	Dimensions	Weight lb	Box Quantity
<b>PAPER BOX STRIPPING CHISEL</b>				
22"	HHW1-S215-4	3/4" x 4"	2.5	5

### Paper Box Stripping Chisel



Length	Round Shank Round Collar Part Number	Dimensions	Weight lb	Box Quantity
<b>PAPER BOX STRIPPING CHISEL</b>				
16-1/4"	HHW1-S215-5	3/4" x 5"	2	5

## Chipping Hammer Accessories

### Upper Buffer Washer Lower Buffer Washer



Description	Part Number
<b>BUFFER WASHERS</b>	
Upper Buffer Washer (2 pieces)	H3R-31
Lower Buffer Washer (2 pieces)	HHW1-213

### Lower Buffer Washer Ring



Description	Part Number
<b>LOWER BUFFER WASHER RING</b>	
Lower Buffer Washer Ring	R000A2-103

### Rubber Bumper



Description	Part Number
<b>RUBBER BUMPER</b>	
Rubber Bumper	H3R-203

### Lock Clip



Description	Part Number
<b>LOCK CLIP</b>	
Lock Clip	24SR-207

## Chipping Hammer Retainers

### Standard Retainer (grooved)



Barrel Area Type	K, A, D Series	Part Number	W Series
<b>STANDARD RETAINER (STANDARD ON ALL CHIPPER ENDS IN "SA")</b>			
Grooved		HH1-1190	N/A

### Quick Change #1 (grooved)



### Quick Change #2 (grooved)



Barrel Area Type	K, A, D Series	Part Number	W Series
<b>QUICK CHANGE #1</b>			
Grooved		HH1-1191	N/A
<b>QUICK CHANGE #2</b>			
Grooved		HH1-3400-3	N/A

### Lock Spring (grooved)



Barrel Area Type	K, A, D Series	Part Number	W Series
<b>LOCK SPRING (USED WITH ALL GROOVED RETAINERS LISTED ABOVE)</b>			
Grooved		HH1-1194	N/A

### Rubber Buffered (threaded)



Barrel Area Type	K, A, D Series	Part Number	W Series
<b>RUBBER BUFFERED (STANDARD ON ALL W SERIES CHIPPER ENDS)</b>			
Threaded		N/A	HHW1-A300

### Economy Type (threaded)



Barrel Area Type	K, A, D Series	Part Number	W Series
<b>ECONOMY TYPE</b>			
Threaded		N/A	HHW2-200

### Quick Change (threaded)



Barrel Area Type	K, A, D Series	Part Number	W Series
<b>QUICK CHANGE</b>			
Threaded		N/A	HHW1-3450



## Pneumatic Hammer Chisels

Tested to meet the harshest of environments, Ingersoll Rand is proud to offer the following pneumatic hammer accessories. All chisels are built from high-quality steel for the utmost in quality, strength, and durability.

### 0.401 Shank Chisels

#### 1/2" Flat Chisel



7"	Weight lb	9"	Weight lb	12"	Weight lb	18"	Weight lb	Box Quantity
<b>1/2" FLAT CHISEL</b>								
401FC127	0.5	401FC129	0.75	401FC1212	1	401FC1218	1.25	5

#### 1/2" Offset Flat Chisel



7"	Weight lb	9"	Weight lb	12"	Weight lb	18"	Weight lb	Box Quantity
<b>1/2" OFFSET FLAT CHISEL</b>								
401OFC127	0.5	401OFC129	0.75	401OFC1212	1	401OFC1218	1.25	5

#### 1/2" Sidecut Chisel



7"	Weight lb	9"	Weight lb	12"	Weight lb	18"	Weight lb	Box Quantity
<b>1/2" SIDECUT CHISEL</b>								
401SC127	0.75	401SC129	0.75	401SC1212	1	401SC1218	1.25	5

#### Offset Sidecut Chisel



7"	Weight lb	9"	Weight lb	12"	Weight lb	18"	Weight lb	Box Quantity
<b>OFFSET SIDECUT CHISEL</b>								
401OSC127	0.75							5

#### 1-1/4" Wide Flat Blade



7"	Weight lb	9"	Weight lb	12"	Weight lb	18"	Weight lb	Box Quantity
<b>1-1/4" WIDE FLAT BLADE</b>								
401WBC1147	0.5	401WBC1149	0.75	401WBC11412	1	401WBC11418	1.25	5

## 0.401 Shank Chisels

### Bull or Moil



7"	Weight lb	9"	Weight lb	12"	Weight lb	18"	Weight lb	Box Quantity
<b>BULL OR MOIL</b>								
401MP7	0.5	401MP9	0.75	401MP12	1	401MP18	1.25	5

### 3/4" Flat Chisel



7"	Weight lb	9"	Weight lb	12"	Weight lb	18"	Weight lb	Box Quantity
<b>3/4" FLAT CHISEL</b>								
401FC347	0.5	401FC349	0.75	401FC3412	1	401FC3418	1.5	5

### Straight Blank



7"	Weight lb	9"	Weight lb	12"	Weight lb	18"	Weight lb	Box Quantity
<b>STRAIGHT BLANK</b>								
401B07	0.5	401B09	0.75	401B12	1	401B18	1.25	5

## Accessories

### 9510



Manufacturer	Fits Models
<b>9510</b>	
Ingersoll Rand	115, 116, 117
Chicago Pneumatic	All 0.401 shank hammers except CP7 16
Cleco	E3, E4, E15, E16
Dayton	All models

- Quick-change hammer coupler
- Holds 0.401 shank chisels firmly in place; install by pulling back collar

### 9505



- 2 hammer-spring retainers
- Designed to guard against accidental shank release

## Chisel Set

### 9500



- 5-piece high-quality chisel set made of heat-treated alloy
- Edging tool
  - Tailpipe cutter
  - Straight chisel
  - Cutting chisel
  - Tapered punch



## Backfill Tamper and Sand Rammer Butts

Our line of tamper butts can meet all your compaction needs. These products complement the Ingersoll Rand line of backfill tamper and sand rammer tools, and can be used with other manufacturers' tools as well.

### Steel Butts

#### Steel Butt



Part Number	Diameter	Fits Rods	Fits IR Tool
<b>STEEL BUTT</b>			
34SR-383	3"	7/8" tapered	341A2M

#### Steel Butt



Part Number	Diameter	Fits Rods	Fits IR Tool
<b>STEEL BUTT</b>			
12SR-83	2-1/2"	1/2" tapered	130A1M
22SR-83-3x3/4	3"	5/8" tapered	241A1M

### Moon Steel Butt



Part Number	Diameter	Fits Rods	Fits IR Tool
<b>MOON STEEL BUTT</b>			
44SR-HM183-5	5-1/4"	1" tapered threaded	441A2

### Malleable Butt



Part Number	Diameter	Fits Rods	Fits IR Tool
<b>MALLEABLE BUTT</b>			
44SR-M183-5-3/4	5-3/4"	1" tapered threaded	441A2
34SR-M183-5-3/4	5-3/4"	7/8" tapered	341A2M

### Rubber Topping-off Butt



Part Number	Diameter	Fits Rods	Fits IR Tool
<b>RUBBER TOPPING-OFF BUTT</b>			
14SR-83R-4	3-29/32"	1/2" tapered	130A1M
24SR-83R-5	5"	5/8" tapered	241A1M

### Rubber-tipped Butt



Part Number	Diameter	Fits Rods	Fits IR Tool
<b>RUBBER-TIPPED BUTT</b>			
14SR-83R-2-3/8	2-3/8"	1/2" tapered	130A1M
24SR-83R-3	3"	5/8" tapered	241A1M

### Rubber-tipped Peen



Part Number	Diameter	Fits Rods	Fits IR Tool
<b>RUBBER-TIPPED PEEN</b>			
14SR-93R	2-3/8"	1/2" tapered	130A1M
24SR-93R	2-7/8"	5/8" tapered	241A1M



# Scaler and Needle Scaler Steels

Ingersoll Rand chisel and needle scalers are your best solution for removing unwanted surface coatings and deposits. They're ideal for removing paint, rust, weld splatter and slag, and other materials.

## Ingersoll Rand Scaler Chisels



### Blank



Ingersoll Rand								
7"	Weight lb	Box Quantity	12"	Weight lb	Box Quantity	18"	Weight lb	Box Quantity
<b>BLANK</b>								
WF-14-007	0.5	5	WF-14-12	0.75	5	WF-14-18	1.25	5

### Narrow



Ingersoll Rand								
7"	Weight lb	Box Quantity	12"	Weight lb	Box Quantity	18"	Weight lb	Box Quantity
<b>NARROW</b>								
WF-14F-7	0.5	5	WF-14F-12	0.75	5	WF-14F-18	1.25	5

### Standard Wide



Ingersoll Rand								
7"	Weight lb	Box Quantity	12"	Weight lb	Box Quantity	18"	Weight lb	Box Quantity
<b>STANDARD WIDE</b>								
WF-14B-007	0.5	5	WF-14B-012	0.75	5	WF-14B-18	1.25	5

### 2" Wide

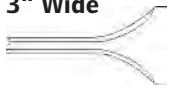


Ingersoll Rand								
7"	Weight lb	Box Quantity	12"	Weight lb	Box Quantity	18"	Weight lb	Box Quantity
<b>2" WIDE</b>								
WF-14C-007	0.5	5	WF-14C-012	0.75	5	WF-14C-018	1.5	5

# Ingersoll Rand Scaler Chisels



## 3" Wide



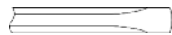
Ingersoll Rand								
7"	Weight lb	Box Quantity	12"	Weight lb	Box Quantity	18"	Weight lb	Box Quantity
<b>3" WIDE</b>								
WF-14D-007	0.75	5	WF-14D-012	1	5	WF-14D-018	1.5	5

## Spoon



Ingersoll Rand								
7"	Weight lb	Box Quantity	12"	Weight lb	Box Quantity	18"	Weight lb	Box Quantity
<b>SPOON</b>								
WF-14A-007	0.5	5	WF-14A-12	0.75	5	WF-14A-18	1.25	5

## Gouge



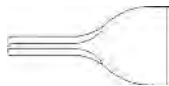
Ingersoll Rand								
7"	Weight lb	Box Quantity	12"	Weight lb	Box Quantity	18"	Weight lb	Box Quantity
<b>GOUGE</b>								
WF-14G-6	0.5	5						

## 2" Blade



Ingersoll Rand								
7"	Weight lb	Box Quantity	12"	Weight lb	Box Quantity	18"	Weight lb	Box Quantity
<b>2" BLADE</b>								
89940613	0.5	1						

## 3" Blade



Ingersoll Rand								
7"	Weight lb	Box Quantity	12"	Weight lb	Box Quantity	18"	Weight lb	Box Quantity
<b>3" BLADE</b>								
22038749	0.75	1						

## 2" Blade (spark-resistant)



Ingersoll Rand								
7"	Weight lb	Box Quantity	12"	Weight lb	Box Quantity	18"	Weight lb	Box Quantity
<b>2" BLADE (SPARK-RESISTANT)</b>								
22038756	0.5	1						



# CLECO Scaler Chisels



## Blank



CLECO								
7"	Weight lb	Box Quantity	12"	Weight lb	Box Quantity	18"	Weight lb	Box Quantity
<b>BLANK</b>								
PF2200-391	0.5	5	PF2200-391-12	0.75	5	PF2200-391-18	1.25	5

## Narrow



CLECO								
7"	Weight lb	Box Quantity	12"	Weight lb	Box Quantity	18"	Weight lb	Box Quantity
<b>NARROW</b>								
PF2200-392	0.5	5	PF2200-392-12	0.75	5	PF2200-392-18	1.25	5

## Standard Wide



CLECO								
7"	Weight lb	Box Quantity	12"	Weight lb	Box Quantity	18"	Weight lb	Box Quantity
<b>STANDARD WIDE</b>								
PF2200-393	0.5	5	PF2200-393-12	0.75	5	PF2200-393-18	1.25	5

## 2" Wide



CLECO								
7"	Weight lb	Box Quantity	12"	Weight lb	Box Quantity	18"	Weight lb	Box Quantity
<b>2" WIDE</b>								
PF2200-390	0.5	5	PF2200-390-12	0.75	5	PF2200-390-18	1.5	5

## 3" Wide



CLECO								
7"	Weight lb	Box Quantity	12"	Weight lb	Box Quantity	18"	Weight lb	Box Quantity
<b>3" WIDE</b>								
PF2200-390-3	0.75	5	PF2200-390-3-12	1	5	PF2200-390-3-18	1.5	5

## Spoon



CLECO								
7"	Weight lb	Box Quantity	12"	Weight lb	Box Quantity	18"	Weight lb	Box Quantity
<b>SPOON</b>								
PF2200-394	0.5	5	PF2200-394-12	0.75	5	PF2200-394-18	1.25	5

## Round Nose



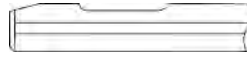
CLECO								
7"	Weight lb	Box Quantity	12"	Weight lb	Box Quantity	18"	Weight lb	Box Quantity
<b>ROUND NOSE</b>								
PF2200-3231	0.5	5						

## Cape



CLECO								
7"	Weight lb	Box Quantity	12"	Weight lb	Box Quantity	18"	Weight lb	Box Quantity
<b>CAPE</b>								
PF2200-3232	0.5	5						

## CP Scaler Chisels



### Blank



CP								
7"	Weight lb	Box Quantity	12"	Weight lb	Box Quantity	18"	Weight lb	Box Quantity
<b>BLANK</b>								
CP2100-07	0.5	5	CP2100-12	0.75	5	CP2100-18	1.25	5

### Narrow



CP								
7"	Weight lb	Box Quantity	12"	Weight lb	Box Quantity	18"	Weight lb	Box Quantity
<b>NARROW</b>								
CP2153-07	0.5	5	CP2153-12	0.75	5	CP2153-18	1.25	5

### Standard Wide



CP								
7"	Weight lb	Box Quantity	12"	Weight lb	Box Quantity	18"	Weight lb	Box Quantity
<b>STANDARD WIDE</b>								
CP2151-07	0.5	5	CP2151-12	0.75	5	CP2151-18	1.25	5

### 2" Wide



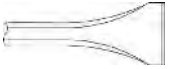
CP								
7"	Weight lb	Box Quantity	12"	Weight lb	Box Quantity	18"	Weight lb	Box Quantity
<b>2" WIDE</b>								
CP2107-07	0.5	5	CP2107-12	0.75	5	CP2107-18	1.5	5

### 3" Wide



CP								
7"	Weight lb	Box Quantity	12"	Weight lb	Box Quantity	18"	Weight lb	Box Quantity
<b>3" WIDE</b>								
CP2142-07	0.75	5	CP2142-12	1	5			

### Spoon



CP								
7"	Weight lb	Box Quantity	12"	Weight lb	Box Quantity	18"	Weight lb	Box Quantity
<b>SPOON</b>								
CP2154-07	0.5	5	CP2154-12	0.75	5	CP2154-18	1.25	5

## Needle Scaler Housings

### Round Needle Housing



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 — optional

### Rectangular Needle Housing



Part Number	Description
<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

### Replacement Needle

Part Number	Description
<b>REPLACEMENT NEEDLE — SET OF 19 NEEDLES (3 mm)</b>	
NS11-22-19	5" (127 mm) steel needles — standard
NS11-B22-19	5" (127 mm) beryllium copper needles — optional
NS11-S22-19	5" (127 mm) stainless steel needles — optional
NS11-122-19	7" (178 mm) extended steel needles — optional

## Bulk Needles

Part Number	Description	Quantity
<b>BULK NEEDLE</b>		
22038194	2 mm needle holder for 170PG	N/A
22038202	2 mm needle holder for 180PG	N/A
22038210	4 mm needle holder for 180PG	N/A
22038525	2 mm flat tip 7" steel	100
22038533	3 mm flat tip 5" steel	100
22038566	3 mm flat tip 7" beryllium	500
22038558	3 mm flat tip 7" beryllium	100
22038541	3 mm flat tip 7" steel	1,000
89940597	3 mm flat tip 7" steel	100
22038582	3 mm chisel tip 7" steel	1,000
22038574	3 mm chisel tip 7" steel	100
22038608	3 mm pointed tip 7" steel	1,000
22038590	3 mm pointed tip 7" steel	100
22038624	4 mm flat tip 7" steel	500
22038616	4 mm flat tip 7" steel	100
22038640	4 mm chisel tip 7" steel	500
22038632	4 mm chisel tip 7" steel	100
22038665	4 mm pointed tip 7" steel	500
22038657	4 mm pointed tip 7" steel	100

## Cross-reference Tables

Ajax	Ingersoll Rand	Ajax	Ingersoll Rand	Ajax	Ingersoll Rand	Ajax	Ingersoll Rand	Ajax	Ingersoll Rand	Ajax	Ingersoll Rand
10010	BT41310	282	9001-282	32100	50197912	384-12	WF-14A-18	411	H3R-215M-12	47300	50191790
11060	FW40810	283	9001-283	32200	50055524	384-18	WF-14A-12	411-18	H3R-215M-18	48400	50185990
11080	22040968	28400	50190404	323	HH1-323-9	38400	50185982	411-24	H3R-215M-24	49500	50189570
11100	50199207	295	9001-295-9-1/2	323-12	HH1-323-12	390	PF2200-390	411-36	H3R-215M-36	50100	HH1-215T-9
11200	50050269	29500	50189554	323-12-3	HH1-215S-12	390-3	PF2200-390-3	41100	50196385	50200	HH1-214T-9
11300	50195288	296	9001-297-9	323-18	HH1-323-18	391	PF2200-391	412	H3R-214M-12	50300	H3R-215T-9
12100	50199215	297	9001-297-12	323-24	HH1-323-24	391-12	PF2200-391-12	412-18	H3R-214M-18	50400	H3R-214T-9
12200	50050277	297-18	9001-297-18	323-48	HH1-323-48	391-18	PF2200-391-18	412-24	H3R-214M-24	5521	22038574
12300	50195296	297-24	9001-297-24	323-60	HH1-323-60	392	PF2200-392	412-36	H3R-214M-36	5521	22038582
13100	50199223	300	HH1-1194	323-72	HH1-323-72	392-12	PF2200-392-12	41200	50055680	5522	22038616
13200	50050285	30010	BT41330	3231	PF2200-3231	392-18	PF2200-392-18	413-12	H3R-215C-12	5522	22038624
13300	45510542	301-12	HH1-215-12	3232	PF2200-3232	393	PF2200-393	41300	50193879	5523	22038632
1379	NS11-122-19	301-18	HH1-215-18	32300	50193754	393-12	PF2200-393-12	414-12	H3R-214C-12	5523	22038640
14100	45510682	301-24	HH1-215-24	324-12-3	HH1-214S-12	393-18	PF2200-393-18	417-12	H3R-215N-12	5525	22038558
14200	51305860	301-36	HH1-215-36	324	HH1-324-9	394	PF2200-394	41700	CB40970	5525	22038566
14300	45510559	302-12	HH1-214-12	324-12	HH1-324-12	394-12	PF2200-394-12	41701	22040604	60010	WB5869
1472	H3R-31	302-18	HH1-214-18	324-18	HH1-324-18	394-18	PF2200-394-18	418-12	H3R-214N-12	60020	WB58912
1473	H3R-203	302-24	HH1-214-24	324-24	HH1-324-24	395	CP2100-07	419-12	H3R-215D-12	60030	WB581518
1474	HHW1-213	302-36	HH1-214-36	324-36	HH1-324-36	395-12	CP2100-12	420-12	H3R-214D-12	60040	WB3469
18400	22040935	303	HH1-215F-9	324-48	HH1-324-48	395-18	CP2100-18	42100	50196401	60050	WB34912
19500	50189596	303-12	HH1-215F-12	324-60	HH1-324-60	39500	50189562	42200	50055698	60060	WB341518
20010	BT41320	303-18	HH1-215F-18	324-72	HH1-324-72	396	CP2153-07	423	H3R-423-9	60070	WB342124
206	89938450	303-24	HH1-215F-24	325	HH1-215B-9	396-12	CP2153-12	423-12	H3R-423-12	60080	WB342730
21060	FW40820	303-36	HH1-215F-36	325-12	HH1-215B-12	396-18	CP2153-18	423-12-3	H3R-215S-12	60090	WB7869
21080	22040976	303-48	HH1-215F-48	325-18	HH1-215B-18	397	CP2151-07	423-18	H3R-423-18	60100	WB78912
21100	50197805	303-60	HH1-215F-60	326	HH1-214B-9	397-12	CP2151-12	423-24	H3R-423-24	60110	WB781518
21200	50050368	303-72	HH1-215F-72	326-12	HH1-214B-12	397-18	CP2151-18	423-36	H3R-423-36	60120	WB782124
21300	50195320	304	HH1-214F-9	326-18	HH1-214B-18	398	CP2154-07	423-48	H3R-423-48	60130	WB782730
21701	22040588	304-12	HH1-214F-12	33100	50197938	398-12	CP2154-12	423-60	H3R-423-60	60150	WB1912
22100	50197821	304-18	HH1-214F-18	33200	50055540	398-18	CP2154-18	423-72	H3R-423-72	60160	WB11518
22200	50050376	304-24	HH1-214F-24	33300	50193747	399	CP2107-07	42300	50193887	60170	WB12124
22300	50195338	304-36	HH1-214F-36	337-12	HH1-215G-12	399-3	CP2142-07	424	H3R-424-9	60180	WB12730
23100	45510245	304-48	HH1-214F-48	338-12	HH1-214G-12	40010	BT41340	424-12	H3R-424-12	60190	WB118912
23200	50050392	304-60	HH1-214F-60	3400	HH1-3400-3	403	H3R-215-12	424-18	H3R-424-18	60200	WB1181518
23300	50195353	304-72	HH1-214F-72	34100	51298107	403-18	H3R-215-18	424-24	H3R-424-24	60210	WB1182124
24100	45510252	305-12	HH1-215C-12	34200	50055565	403-24	H3R-215-24	424-36	H3R-424-36	60220	WB1182730
24200	45512563	306-12	HH1-214C-12	34300	45510500	403-36	H3R-215-36	424-48	H3R-424-48	60230	WB114912
24300	50195361	307-12	HH1-215N-12	3450	HHW1-3450	404	H3R-214-12	424-60	H3R-424-60	60240	WB1141518
25100	45510260	308-12	HH1-214N-12	35100	50197979	404-18	H3R-214-18	424-72	H3R-424-72	60250	WB1142124
25200	45512571	309-12	HH1-215D-12	35200	50055573	404-24	H3R-214-24	425	H3R-215B-9	60260	WB1142730
25300	50195379	310-12	HH1-214D-12	35300	45510518	404-36	H3R-214-36	425-12	H3R-215B-12	60270	WB138912
26100	45510278	31060	FW40830	36100	50197987	405	H3R-215F-9	425-18	H3R-215B-18	60280	WB1381518
26200	45512589	31080	22040984	36200	50055581	406	H3R-214F-9	426	H3R-214B-9	60290	WB1382124
26300	45510476	311-12	HH1-215R-12	36300	45510526	407	H3R-215F-12	426-12	H3R-214B-12	60300	WB1382730
27100	45510286	31100	50197904	37100	50197995	407-18	H3R-215F-18	426-18	H3R-214B-18	60310	WB112912
272	9001-220	312-12	HH1-214R-12	37200	50055599	407-24	H3R-215F-24	43100	50196419	60320	WB1121518
27200	45512597	31200	50050475	37300	45510534	407-36	H3R-215F-36	43200	50055714	60330	WB1122124
27300	51304574	313	HH1-215M-9	3750	HHW1-A300	407-48	H3R-215F-48	43300	50193903	60340	WB1122730
274	9001-201	31300	50114883	379	22038541	407-60	H3R-215F-60	437-12	H3R-215G-12	60350	WBA5869
275	9001-203	314	HH1-214M-9	380	WF-14C-007	407-72	H3R-215F-72	438-12	H3R-214G-12	60360	WBA58912
276	9001-276-9-1/2	315	HH1-215M-12	380-3	WF-14D-007	408	H3R-214F-12	44100	51299477	60370	WBA581518
276-12	9001-276-12	315-18	HH1-215M-18	381	WF-14-007	408-18	H3R-214F-18	44200	50055730	60380	WBA3469
276-18	9001-276-18	315-24	HH1-215M-24	381-12	WF-14-12	408-24	H3R-214F-24	44300	45510484	60390	WBA34912
276-24	9001-276-24	315-36	HH1-215M-36	381-18	WF-14-18	408-36	H3R-214F-36	45100	51299485	60390	WBA582124
277	9001-277-9-1/2	316	HH1-214M-12	382	WF-14F-7	408-48	H3R-214F-48	45200	50055748	60400	WBA341518
277-12	9001-277-12	316-18	HH1-214M-18	382-12	WF-14F-12	408-60	H3R-214F-60	45300	50193937	60410	WBA342124
277-18	9001-277-18	316-24	HH1-214M-24	382-18	WF-14F-18	408-72	H3R-214F-72	46100	51299048	60420	WBA342730
278	9001-278	316-36	HH1-214M-36	383	WF-14B-007	409	H3R-215M-9	46200	50055755	60430	WBA7869
279	9001-279	31700	CB40960	383-12	WF-14B-012	410	H3R-214M-9	46300	45510492	60440	WBA78912
280	9001-280	31701	22040596	383-18	WF-14B-18	41060	FW40840	47100	51299493	60450	WBA781518
281	9001-281	321-12	HH1-321-12	384	WF-14A-007	41080	50186014	47200	50198993	60460	WBA782124

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60470	WBA782730	64270	51242063	A33060	45510526	E12072H	50712975	L03H24	H3R-215F-24	X30216	WB5869
60490	WBA1912	64280	50712975	A33072	45510534	E23012H	50713023	L03H36	H3R-215F-36	X30219	WB3469
60500	WBA11518	64410	50713023	A41014	50055680	E23018H	50713031	L03H48	H3R-215F-48	X30222	WB7869
60510	WBA12124	64420	50713031	A41018	50055698	E23024H	50354596	L03H60	H3R-215F-60	X30316	WB58912
60520	WBA12730	64430	50354596	A41024	50055714	E23030H	51305704	L03H72	H3R-215F-72	X30319	WB34912
60530	WBA118912	64440	51305704	A41036	50055730	E23036H	50713049	L03J12	HH1-215F-12	X30322	WB78912
60540	WBA1181518	64450	50713049	A41048	50055748	E23048H	50283183	L03J18	HH1-215F-18	X30325	WB1912
60550	WBA1182124	64460	50283183	A41060	50055755	E23060H	50713056	L03J24	HH1-215F-24	X30328	WB118912
60560	WBA1182730	64470	50713056	A41072	50198993	E23072H	50283696	L03J36	HH1-215F-36	X30332	WB114912
60570	WBA114912	64480	50283696	A42014	50196385	E23096H	50283241	L03J48	HH1-215F-48	X30335	WB138912
60580	WBA1141518	64490	50283241	A42018	50196401	E23120H	50712132	L03J60	HH1-215F-60	X30338	WB112912
60590	WBA1142124	64500	50712132	A42024	50196419	E23144H	50712140	L03J72	HH1-215F-72	X30416	WB581518
60600	WBA1142730	910-1-1/2	401WBC1147	A42036	51299477	L01F11	H3R-214-12	L03J09	HH1-215F-9	X30419	WB341518
60610	WBA138912	910-11	401FC1212	A42048	51299485	L01F17	H3R-214-18	L05F09	H3R-215N-12	X30422	WB781518
60620	WBA1381518	910-11	401FC3412	A42060	51299048	L01F23	H3R-214-24	L07F00	H3R-214T-9	X30425	WB11518
60630	WBA1382124	910-1/2	401FC127	A42072	51299493	L01F36	H3R-214-36	L07G00	HH1-214T-9	X30428	WB1181518
60640	WBA1382730	910-18	401FC1218	A43014	50193879	L01G11	HH1-214-12	L07H00	H3R-215T-9	X30432	WB1141518
60650	WBA112912	910-18	401FC3418	A43018	50193887	L01G17	HH1-214-18	L07J00	HH1-215T-9	X30435	WB1381518
60660	WBA1121518	913	401B07	A43024	50193903	L01G23	HH1-214-24	L09F09	H3R-214B-9	X30438	WB1121518
60670	WBA1122124	940	401MP7	A43036	45510484	L01G36	HH1-214-36	L09F12	H3R-214B-12	X30616	WB582124
60680	WBA1122730	<b>Brunner &amp; Lay Ingersoll Rand</b>		A43048	50193937	L01H11	H3R-215-12	L09F18	H3R-214B-18	X30619	WB342124
60880	WBC118912	A11014	50050269	A43060	45510492	L01H17	H3R-215-18	L09G09	HH1-214B-9	X30622	WB782124
60890	WBC1181518	A11018	50050277	A43072	50191790	L01H23	H3R-215-24	L09G12	HH1-214B-12	X30625	WB12124
60900	WBC1182124	A12014	50199207	A90008	22040471	L01H36	H3R-215-36	L09G18	HH1-214B-18	X30628	WB1182124
60910	WBC1182730	A12018	50199215	A90009	22040489	L01J11	HH1-215-12	L09H09	H3R-215B-9	X30632	WB1142124
60920	WBC114912	A13014	50195288	B10300	50189596	L01J17	HH1-215-18	L09H12	H3R-215B-12	X30635	WB1382124
60930	WBC1141518	A13018	50195296	B10500	22040935	L01J23	HH1-215-24	L09H18	H3R-215B-18	X30638	WB1122124
60940	WBC1142124	A21014	50050368	B10600	22040968	L01J36	HH1-215-36	L09J09	HH1-215B-9	X30819	WB342730
60950	WBC1142730	A21018	50050376	B10700	FW40810	L02F09	H3R-214M-9	L09J12	HH1-215B-12	X30822	WB782730
60960	WBC138912	A21024	50050392	B11100	BT41310	L02F12	H3R-214M-12	L09J18	HH1-215B-18	X30825	WB12730
60970	WBC1381518	A21036	45512563	B20300	50189554	L02F18	H3R-214M-18	L11F12	H3R-424-12	X30828	WB1182730
60980	WBC1382124	A21048	45512571	B20500	50190404	L02F24	H3R-214M-24	L11F18	H3R-424-18	X30832	WB1142730
60990	WBC1382730	A21060	45512589	B20600	22040976	L02F36	H3R-214M-36	L11F09	H3R-424-9	X30835	WB1382730
61000	WBC112912	A21072	45512597	B20700	FW40820	L02G09	HH1-214M-9	L11G12	HH1-324-12	X30838	WB1122730
61010	WBC1121518	A22014	50197805	B21100	BT41320	L02G12	HH1-214M-12	L11G18	HH1-324-18	X31216	WBA5869
61020	WBC1122124	A22018	50197821	B22789	22040588	L02G18	HH1-214M-18	L11G09	HH1-324-9	X31219	WBA3469
61030	WBC1122730	A22024	45510245	B30300	50189562	L02G24	HH1-214F-24	L11H12	H3R-423-12	X31222	WBA7869
63010	51248359	A22036	45510252	B30500	50185982	L02G24	HH1-214M-24	L11H18	H3R-423-18	X31316	WBA58912
63020	51248367	A22048	45510260	B30600	22040984	L02G36	HH1-214M-36	L11H09	H3R-423-9	X31319	WBA34912
63030	51248375	A22060	45510278	B30700	FW40830	L02H09	H3R-215M-9	L11J12	HH1-323-12	X31322	WBA78912
63040	51248383	A22072	45510286	B30800	CB40960	L02H12	H3R-215M-12	L11J18	HH1-323-18	X31325	WBA1912
63050	51248391	A23014	50195320	B31100	BT41330	L02H18	H3R-215M-18	L11J09	HH1-323-9	X31328	WBA118912
63060	51248409	A23018	50195338	B32789	22040596	L02H24	H3R-215M-24	L21B10	9001-297-9	X31332	WBA114912
63220	51307155	A23024	50195353	B40300	50189570	L02H36	H3R-215M-36	L21B12	9001-297-12	X31335	WBA138912
63230	51248300	A23036	50195361	B40500	50185990	L02J09	HH1-215M-9	L21B18	9001-297-18	X31338	WBA112912
63240	51248318	A23060	45510567	B40600	50186014	L02J12	HH1-215M-12	L22B10	9001-276-9-1/2	X31416	WBA581518
63250	51248326	A23048	45510575	B40700	FW40840	L02J18	HH1-215M-18	L22B12	9001-276-12	X31419	WBA341518
63260	51248334	A23072	51304574	B40800	CB40970	L02J24	HH1-215M-24	L22B18	9001-276-18	X31422	WBA781518
63270	51248342	A31014	50050475	B41100	BT41340	L02J36	HH1-215M-36	L23B10	9001-277-9-1/2	X31425	WBA11518
63280	51356723	B42787	22040604	E11012H	45509585	L03F09	H3R-214F-9	L24B10	9001-278	X31428	WBA1181518
63290	51293017	E11018H	50283266	E11018H	50283266	L03F12	H3R-214F-12	L26B10	9001-280	X31432	WBA1141518
64010	45509585	E11024H	50283506	E11018H	50283266	L03F18	H3R-214F-18	L27B10	9001-281	X31435	WBA1381518
64020	50283266	E11030H	51305639	E11024H	50283506	L03F24	H3R-214F-24	L28B10	9001-282	X31438	WBA1121518
64030	50283506	E11036H	50712728	E11030H	51305639	L03F36	H3R-214F-36	LH35SH	51248359	X31616	WBA582124
64040	51305639	E11048H	50283555	E11036H	50712728	L03F48	H3R-214F-48	LH38SH	51248367	X31619	WBA342124
64050	50712728	E11060H	50712736	E11048H	50283555	L03F60	H3R-214F-60	LH41SH	51248375	X31622	WBA782124
64060	50283555	E11072H	50712744	E11060H	50712736	L03F72	H3R-214F-72	LH44SH	51248383	X31625	WBA12124
64070	50712736	E11096H	50712751	E11072H	50712744	L03G09	HH1-214F-9	LH47SH	51248391	X31628	WBA1182124
64080	50712744	E11120H	45509593	E11096H	50712751	L03G12	HH1-214F-12	LH50SH	51248409	X31632	WBA1142124
64090	50712751	E12012H	51242006	E11120H	45509593	L03G18	HH1-214F-18	T1207M0	51307155	X31635	WBA1382124
64100	45509593	E12018H	51242014	E12012H	51242006	L03G36	HH1-214F-36	T1507M0	51248300	X31638	WBA1122124
64210	51242006	E12024H	51233690	E12018H	51242014	L03G48	HH1-214F-48	T1607M0	51248318	X31819	WBA342730
64220	51242014	E12036H	51234052	E12024H	51233690	L03G60	HH1-214F-60	T1707M0	51248326	X31822	WBA782730
64230	51233690	E12048H	51234060	E12036H	51242030	L03G72	HH1-214F-72	T1907M0	51248334	X31825	WBA12730
64240	51242030	E2060H	51242063	E12048H	51234060	L03H09	H3R-215F-9	T2007M0	51248342	X31828	WBA1182730
64250	51234052	E2060H	51242063	E2060H	51242063	L03H12	H3R-215F-12	T2207M0	51356723	X31832	WBA1142730
64260	51234060	E2060H	51242063	E2060H	51242063	L03H18	H3R-215F-18	T2507M0	51293017	X31835	WBA1382730

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X31838	WBA1122730	7731241	H3R-215F-24	7853	HH1-214N-12	92-1260	50055581	C-200-18	PF2200-394-18	10172	50198993								
X32319	WBC34912	7731361	H3R-215F-36	7854	HH1-214C-12	92-1272	50055599	CD-1415-1	WBC11518	10196	45512696								
X32322	WBC78912	7731481	H3R-215F-48	7855	HH1-214D-12	92-13	50055680	CD-1415-1-1/8	WBC1181518	10214	50196385								
X32325	WBC1912	7731601	H3R-215F-60	7856	HH1-214B-12	92-15	50055698	CD-1415-1-1/4	WBC1141518	10218	50196401								
X32328	WBC118912	7731721	H3R-215F-72	78511	HH1-214F-12	92-16	50055714	CD-1415-1-1/2	WBC1121518	10224	50196419								
X32332	WBC114912	7736242	H3R-423-24	78562	HH1-324-12	92-17	50055730	CD-1415-1-3/8	WBC1381518	10236	51299477								
X32335	WBC138912	7742	H3R-214M-9	786	HH1-214-18	92-1748	50055748	CD-1421-1	WBC12124	10248	51299485								
X32338	WBC112912	7746	H3R-214B-9	7862	HH1-214M-18	92-1760	50055755	CD-1421-1-1/8	WBC1182124	10260	51299048								
X32419	WBC341518	77411	H3R-214F-9	7866	HH1-214B-18	92-3	50050277	CD-1421-1-1/4	WBC1142124	10272	51299493								
X32422	WBC781518	77462	H3R-424-9	78611	HH1-214F-18	92-324	50050285	CD-1421-1-1/2	WBC1122124	10296	45509973								
X32425	WBC11518	775	H3R-214-12	78624	HH1-214-24	92-336	51305860	CD-1421-1-3/8	WBC1382124	10314	50193879								
X32428	WBC1181518	7752	H3R-214M-12	78636	HH1-214-36	92-4	50050368	CD-1427-1	WBC12730	10318	50193887								
X32432	WBC1141518	7753	H3R-214N-12	78662	HH1-324-18	92-6	50050376	CD-1427-1-1/8	WBC1182730	10324	50193903								
X32435	WBC1381518	7754	H3R-214C-12	786224	HH1-214M-24	92-7	50050392	CD-1427-1-1/4	WBC1142730	10336	45510484								
X32438	WBC1121518	7755	H3R-214D-12	786236	HH1-214M-36	92-736	45512563	CD-1427-1-3/8	WBC1382730	10348	50193937								
X32619	WBC342124	7756	H3R-214B-12	7861241	HH1-214F-24	92-748	45512571	CD-149-1	WBC1912	10360	45510492								
X32622	WBC782124	77511	H3R-215F-12	7861361	HH1-214F-36	92-760	45512589	CD-149-1-1/8	WBC118912	10372	50191790								
X32625	WBC12124	77562	H3R-424-12	7861481	HH1-214F-48	92-772	45512597	CD-149-1-1/4	WBC114912	1044	FW40840								
X32628	WBC1182124	776	H3R-214-18	7861601	HH1-214-60	92-8	50050475	CD-149-1-3/8	WBC138912	1050	50185990								
X32632	WBC1142124	7762	H3R-214M-18	7861721	HH1-214F-72	93-1	50195288	CD-736-5/8	WB5869	1055	50189570								
X32635	WBC1382124	7766	H3R-214B-18	7866242	HH1-324-24	93-10	50193879	CD-736-3/4	WB3469	1056	CB40970								
X32638	WBC1122124	77611	H3R-214F-18	82-1	BT41320	93-12	50193887	CD-736-7/8	WB7869	1078	50186014								
X32819	WBC342730	77624	H3R-214-24	82-2	BT41330	93-1224	50193903	CD-739-3/4	WB34912	10709	BT41340								
X32822	WBC782730	77636	H3R-214-36	82-3	BT41340	93-1236	45510484	CD-739-5/8	WB58912	10915	50187855								
X32825	WBC12730	77662	H3R-424-18	82-6	BT41310	93-1248	50193937	CD-739-7/8	WB78912	109216	22040604								
X32828	WBC1182730	776224	H3R-214M-24	85-2	CB40960	93-1260	45510492	CD-739-1	WB1912	17114	50050269								
X32832	WBC1142730	776236	H3R-214M-36	85-3	CB40970	93-1272	50191790	CD-739-1-1/4	WB114912	17118	50050277								
X32835	WBC1382730	7761241	H3R-214F-24	86-1	50189554	93-234	45510542	CD-739-1-1/8	WB118912	17124	50050285								
X32838	WBC1122730	7761361	H3R-214F-36	86-2	50189562	93-3	50195296	CD-749-3/4	WBA34912	17136	51305860								
		7761481	H3R-214F-48	86-3	50189570	93-336	45510559	CD-749-7/8	WBA78912	17148	50152621								
<b>Delsteel</b>	<b>Ingersoll Rand</b>	7761601	H3R-214F-60	87-1	FW40820	93-4	50195320	CD-749-1	WBA1912	17214	50199207								
2N11	401FC127	7761721	H3R-214F-72	87-2	FW40830	93-6	50195338	CD-749-1-1/4	WBA114912	17218	50199215								
2N21	401MP7	7766242	H3R-424-24	87-3	FW40840	93-624	50195353	CD-749-1-1/8	WBA118912	17224	50199223								
441	9001-276-9-1/2	7812	HH1-215M-9	90-1	22040463	93-636	50195361	CD-7315-5/8	WB581518	17236	45510682								
44112	9001-276-12	7816	HH1-215B-9	90-2	22040471	93-648	45510567	CD-7315-7/8	WB781518	17248	45510690								
44118	9001-276-18	7818-116	HH1-215T-9	90-3	22040489	93-660	45510476	CD-7315-1	WB11518	17314	50195288								
442	9001-297-9	78111	HH1-215F-9	91-1	50199207	93-672	51304574	CD-7315-1-1/8	WB1181518	17318	50195296								
44212	9001-297-12	78162	HH1-323-9	91-10	50197912	93-7	50114883	CD-7315-1-1/4	WB1141518	17324	45510542								
44218	9001-297-18	782	HH1-215-12	91-11	50197938	93-9	50193754	CD-7315-1-3/8	WB1381518	17336	45510559								
443	9001-277-9-1/2	7822	HH1-215M-12	91-12	51298107	93-924	50193747	CD-7321-5/8	WB582124	1755	50189596								
444	9001-295-9-1/2	7823	HH1-215N-12	91-1248	50197979	93-936	45510500	CD-7321-3/4	WB342124	17709	BT41310								
445	9001-278	7824	HH1-215C-12	91-1260	50197987	93-948	45510518	CD-7321-7/8	WB782124	18114	50050368								
446	9001-279	7825	HH1-215D-12	91-1272	50197995	93-960	45510526	CD-7321-1	WB12124	18118	50050376								
447	9001-280	7826	HH1-215B-12	91-13	50196385	93-972	45510534	CD-7321-1-1/8	WB1182124	18124	50050392								
448	9001-281	78211	HH1-215F-12	91-15	50196401	94-1	22040976	CD-7321-1-1/4	WB1142124	18136	45512563								
449	9001-282	78262	HH1-323-12	91-16	50196419	94-2	22040984	CD-7321-1-1/2	WB1122124	18148	45512571								
7712	H3R-215M-9	783	HH1-215-18	91-17	51299477	94-3	50186014	CD-7321-1-3/8	WB1382124	18160	45512589								
7716	H3R-215B-9	7832	HH1-215M-18	91-1748	51299485	95-1	50190404	CD-7327-3/4	WB342730	18172	45512597								
77111	H3R-215F-9	7836	HH1-215B-18	91-1760	51299048	95-2	50185982	CD-7327-7/8	WB782730	18214	50197805								
77162	H3R-423-9	78311	HH1-215F-18	91-1772	51299493	95-3	50185990	CD-7327-1	WB12730	18218	50197821								
772	H3R-215-12	78324	HH1-215-24	91-3	50199215	A-100-7	CP2100-07	CD-7327-1-1/8	WB1182730	18224	45510245								
7722	H3R-215M-12	78336	HH1-215-36	91-324	50199223	A-100-12	CP2100-12	D-100-7-1/2	CP2153-07	18236	45510252								
7723	H3R-215N-12	78362	HH1-323-18	91-336	45510682	A-100-18	CP2100-18	D-100-12	CP2153-12	18248	45510260								
7724	H3R-215C-12	783224	HH1-215M-24	91-4	50197805	A-200-7	PF2200-391	D-100-18	CP2153-18	18260	45510278								
7725	H3R-215D-12	783236	HH1-215M-36	91-6	50197821	A-200-12	PF2200-391-12	D-200-7-1/2	PF2200-392	18272	45510286								
7726	H3R-215B-12	7831241	HH1-215F-24	91-7	45510245	A-200-18	PF2200-391-18	D-200-12	PF2200-392-12	18314	50195320								
77211	H3R-214F-12	7831361	HH1-215F-36	91-736	45510252	B-100-6-1/2	CP2151-07	D-200-18	PF2200-392-18	18318	50195338								
77262	H3R-423-12	7831481	HH1-215F-48	91-748	45510260	B-100-12	CP2151-12	F-200	PF2200-3232	18324	50195353								
773	H3R-215-18	7831601	HH1-215F-60	91-760	45510278	B-100-18	CP2151-18	G-200	PF2200-3231	18336	50195361								
7732	H3R-215M-18	7831721	HH1-215F-72	91-772	45510286	B-200-6-1/2	PF2200-393			18348	45510567								
7736	H3R-215B-18	7836242	HH1-323-24	91-8	50197904	B-200-12	PF2200-393-12	Pioneer	Ingersoll Rand	18360	45510476								
77311	H3R-215F-18	7842	HH1-214M-9	92-1	50050269	B-200-18	PF2200-393-18	10114	50055680	18372	51304574								
77324	H3R-215-24	7846	HH1-214B-9	92-10	50055524	C-100-6-1/2	CP2154-07	10118	50055698	1850	50190404								
77336	H3R-215-36	78411	HH1-214F-9	92-11	50055540	C-100-12	CP2154-12	10124	50055714	1855	50189554								
77362	H3R-423-18	78462	HH1-324-9	92-1172	50198993	C-100-18	CP2154-18	10136	50055730	1878	22040976								
773224	H3R-215M-24	785	HH1-214-12	92-12	50055565	C-200-6-1/2	PF2200-394	10148	50055748	18709	BT41320								
773236	H3R-215M-36	7852	HH1-214M-12	92-1248	50055573	C-200-12	PF2200-394-12	10160	50055755	18915	50187830			</					

Pioneer	Ingersoll Rand	Pioneer	Ingersoll Rand	Pioneer	Ingersoll Rand	Pioneer	Ingersoll Rand	Tamco	Ingersoll Rand	Tamco	Ingersoll Rand
189216	22040588	35409	HH1-324-9	41207	PF2200-392	8015	51248391	1436-012	HH1-321-12	1607-036	H3R-423-36
19114	50050475	35409R	H3R-424-9	41212	PF2200-392-12	8015CM	51248334	1442-012	HH1-215S-12	1607-048	H3R-423-48
19118	50055524	35412	HH1-324-12	41218	PF2200-392-18	8016	51248409	1445-012	HH1-215J-12	1607-060	H3R-423-60
19124	50055540	35412R	H3R-424-12	41307	PF2200-393	8016CM	51248342	1482-009	HH1-215T-9	1607-072	H3R-423-72
19136	50055565	35418	HH1-324-18	41312	PF2200-393-12	8017CM	51356723	1500-011	HH1-214-12	1607-084	H3R-423-84
19148	50055573	35418R	H3R-424-18	41318	PF2200-393-18	8018CM	51293017	1500-017	HH1-214-18	1607-096	H3R-423-96
19160	50055581	35512	HH1-214S-12	41407	PF2200-390	81012	50713023	1500-023	HH1-214-24	1611-009	H3R-215M-9
19172	50055599	35512R	H3R-214S-12	41412	PF2200-390-12	81018	50713031	1500-035	HH1-214-36	1611-012	H3R-215M-12
19196	45512522	3570	HH1-214T-9	41418	PF2200-390-18	81024	50354596	1501-009	HH1-214F-9	1611-018	H3R-215M-18
19214	50197904	3570R	H3R-214T-9	41507	PF2200-390-3	81030	51305704	1501-012	HH1-214F-12	1611-024	H3R-215M-24
19218	50197912	36109	HH1-215M-9	41512	PF2200-390-3-12	81036	50713049	1501-018	HH1-214F-18	1611-036	H3R-215M-36
19224	50197938	36109R	H3R-215M-9	41518	PF2200-390-3-18	81060	50713056	1501-024	HH1-214F-24	1612-012	H3R-215D-12
19236	51298107	36112	HH1-215M-12	41707	PF2200-394	81072	50283696	1501-036	HH1-214F-36	1613-012	H3R-215C-12
19248	50197979	36112R	H3R-215M-12	41712	PF2200-394-12	81096	50283241	1501-048	HH1-214F-48	1617-012	H3R-215N-12
19260	50197987	36118	HH1-215M-18	41718	PF2200-394-18	810120	50712132	1501-060	HH1-214F-60	1623-012	H3R-215G-12
19272	50197995	36118R	H3R-215M-18	42007	WF-14-007	87312	45509585	1501-072	HH1-214F-72	1625-012	H3R-215R-12
19296	45510393	36124	HH1-215M-24	42012	WF-14-12	87318	50283266	1501-084	HH1-214F-84	1627-012	H3R-215E-12
19314	50114883	36124R	H3R-215M-24	42018	WF-14-18	87324	50283506	1501-096	HH1-214F-96	1636-012	H3R-421-12
19318	50193754	36136	HH1-215M-36	42207	WF-14F-7	87330	510305639	1506-009	HH1-214B-9	1642-012	H3R-215S-12
19324	50193747	36136R	H3R-215M-36	42212	WF-14F-12	87336	50712728	1506-012	HH1-214B-12	1645-012	H3R-215J-12
19336	45510500	36209	HH1-215F-9	42218	WF-14F-18	87348	50283555	1506-018	HH1-214B-18	1682-009	H3R-215T-9
19348	45510518	36209R	H3R-215F-9	42307	WF-14B-007	87372	50712744	1507-009	HH1-324-9	1700-011	H3R-214-12
19360	45510526	36212	HH1-215F-12	42312	WF-14B-012	87396	50712751	1507-012	HH1-324-12	1700-017	H3R-214-18
19372	45510534	36212R	H3R-214F-12	42318	WF-14B-18	873120	45509593	1507-018	HH1-324-18	1700-023	H3R-214-24
1944	FW40830	36218	HH1-215F-18	42407	WF-14C-007	87412	51242006	1507-024	HH1-324-24	1700-035	H3R-214-36
1950	50185982	36218R	H3R-215F-18	42412	WF-14C-012	87418	51242014	1507-036	HH1-324-36	1701-009	H3R-214F-9
1955	50189562	36224	HH1-215F-24	42418	WF-14C-018	87424	51233690	1507-048	HH1-324-48	1701-012	H3R-215F-12
1956	CB40960	36224R	H3R-215F-24	42507	WF-14D-007	87430	51242030	1507-060	HH1-324-60	1701-018	H3R-214F-18
1978	22040984	36236	HH1-215F-36	42512	WF-14D-012	87436	51234052	1507-072	HH1-324-72	1701-024	H3R-214F-24
19709	BT41330	36236R	H3R-215F-36	42518	WF-14D-018	87448	51234060	1507-084	HH1-324-84	1701-036	H3R-214F-36
19915	50187848	36248	HH1-215F-48	42707	WF-14A-007	87472	50712975	1507-096	HH1-324-96	1701-048	H3R-214F-48
199216	22040596	36248R	H3R-215F-48	42712	WF-14A-18			1511-009	HH1-214M-9	1701-060	H3R-214F-60
32109	9001-297-9	36260	HH1-215F-60	42718	WF-14A-12	<b>Tamco</b>	<b>Ingersoll Rand</b>	1511-012	HH1-214M-12	1701-072	H3R-214F-72
32112	9001-297-12	36260R	H3R-215F-60	44007	CP2100-07	1400-011	HH1-215-12	1511-018	HH1-214M-18	1701-084	H3R-214F-84
32118	9001-297-18	36272	HH1-215F-72	44012	CP2100-12	1400-017	HH1-215-18	1511-024	HH1-214M-24	1701-096	H3R-214F-96
35109	HH1-214M-9	36272R	H3R-215F-72	44018	CP2100-18	1400-023	HH1-215-24	1511-036	HH1-214M-36	1707-009	H3R-424-9
35109R	H3R-214M-9	36309	HH1-215B-9	44207	CP2153-07	1400-035	HH1-215-36	1512-012	HH1-214D-12	1707-012	H3R-424-12
35112	HH1-214M-12	36309R	H3R-215B-9	44212	CP2153-12	1401-009	HH1-215F-9	1513-012	HH1-214C-12	1707-018	H3R-424-18
35112R	H3R-214M-12	36312	HH1-215B-12	44218	CP2153-18	1401-012	HH1-215F-12	1517-012	HH1-214N-12	1707-024	H3R-424-24
35118	HH1-214M-18	36312R	H3R-215B-12	44307	CP2151-07	1401-018	HH1-215F-18	1523-012	HH1-214G-12	1707-036	H3R-424-36
35118R	H3R-214M-18	36318	HH1-215B-18	44312	CP2151-12	1401-024	HH1-215F-24	1525-012	HH1-214R-12	1707-048	H3R-424-48
35124	HH1-214M-24	36318R	H3R-215B-18	44318	CP2151-18	1401-036	HH1-215F-36	1527-012	HH1-214E-12	1707-060	H3R-424-60
35124R	H3R-214M-24	36409	HH1-323-9	44407	CP2107-07	1401-048	HH1-215F-48	1536-012	HH1-322-12	1707-072	H3R-424-72
35136	HH1-214M-36	36409R	H3R-423-9	44412	CP2107-12	1401-060	HH1-215F-60	1542-012	HH1-214S-12	1707-084	H3R-424-84
35136R	H3R-214M-36	36412	HH1-323-12	44507	CP2142-07	1401-072	HH1-215F-72	1545-012	HH1-214J-12	1707-096	H3R-424-96
35209	HH1-214F-9	36412R	H3R-423-12	44512	CP2142-12	1401-084	HH1-215F-84	1582-009	HH1-214T-9	1711-009	H3R-214M-9
35209R	H3R-214F-9	36418	HH1-323-18	44707	CP2154-07	1401-096	HH1-215F-96	1600-011	H3R-215-12	1711-012	H3R-214M-12
35212	HH1-214F-12	36418R	H3R-423-18	44712	CP2154-12	1407-009	HH1-323-9	1600-017	H3R-215-18	1711-018	H3R-214M-18
35212R	H3R-215F-12	36512	HH1-215S-12	44718	CP2154-18	1407-012	HH1-323-12	1600-023	H3R-215-24	1711-024	H3R-214M-24
35218	HH1-214F-18	36512R	H3R-215S-12	52212	9001-276-12	1407-018	HH1-323-18	1600-035	H3R-215-36	1711-036	H3R-214M-36
35218R	H3R-214F-18	3670	HH1-215T-9	52218	9001-276-18	1407-024	HH1-323-24	1601-009	H3R-215F-9	1712-012	H3R-214D-12
35224	HH1-214F-24	3670R	H3R-215T-9	52309	9001-277-9-1/2	1407-048	HH1-323-48	1601-012	H3R-214F-12	1713-012	H3R-214C-12
35224R	H3R-214F-24	390107	401MP7	52312	9001-277-12	1407-060	HH1-323-60	1601-018	H3R-215F-18	1717-012	H3R-214N-12
35236	HH1-214F-36	390112	401MP12	52318	9001-277-18	1407-072	HH1-323-72	1601-024	H3R-215F-24	1723-012	H3R-214G-12
35236R	H3R-214F-36	390118	401MP18	52706	9001-278	1407-084	HH1-323-84	1601-036	H3R-215F-36	1725-012	H3R-214R-12
35248	HH1-214F-48	390207	401FC127	52708	9001-279	1407-096	HH1-323-96	1601-048	H3R-215F-48	1727-012	H3R-214E-12
35248R	H3R-214F-48	390212	401FC127	52710	9001-280	1411-009	HH1-215M-9	1601-060	H3R-215F-60	1736-012	H3R-422-12
35260	HH1-214F-60	390218	401FC1218	52712	9001-281	1411-012	HH1-215M-12	1601-072	H3R-215F-72	1742-012	H3R-214S-12
35260R	H3R-214F-60	390307	401WBC1147	52714	9001-282	1411-018	HH1-215M-18	1601-084	H3R-215F-84	1745-012	H3R-214J-12
35272	HH1-214F-72	390312	401WBC11412	52716	9001-283	1411-024	HH1-215M-24	1601-096	H3R-215F-96	1782-009	H3R-214T-9
35272R	H3R-214F-72	390318	401WBC11418	52810	9001-295-9-1/2	1411-036	HH1-215M-36	1606-009	H3R-215B-9	1800-007	PF2200-391
35309	HH1-214B-9	392207	401FC347	8011	51248359	1412-012	HH1-215D-12	1606-012	H3R-215B-12	1800-012	PF2200-391-12
35309R	H3R-214B-9	392212	401FC3412	8011CM	51307155	1413-012	HH1-215C-12	1606-018	H3R-215B-18	1800-018	PF2200-391-18
35312	HH1-214B-12	392218	401FC3418	8012	51248367	1417-012	HH1-215N-12	1607-009	H3R-423-9	1807-007	PF2200-390
35312R	H3R-214B-12	41007	PF2200-391	8013	51248375	1423-012	HH1-215G-12	1607-012	H3R-423-12	1807-012	PF2200-390-12
35318	HH1-214B-18	41012	PF2200-391-12	8014	51248383	1425-012	HH1-215R-12	1607-018	H3R-423-18	1807-018	PF2200-390-18
35318R	H3R-214B-18	41018	PF2200-391-18	8014CM	51248326	1427-012	HH1-215E-12	1607-024	H3R-423-24	1813-007	PF2200-3232

Tamco	Ingersoll Rand	Tamco	Ingersoll Rand	Tamco	Ingersoll Rand	Tamco	Ingersoll Rand	Tamco	Ingersoll Rand	Tamco	Ingersoll Rand
1817-007	PF2200-3231	2205-012	401WBC11412	4004-036	51299477	4023-024	50193747	44-01231	WB1182730	44-019541	WBA1142730
1842-007	PF2200-390-3	2205-018	401WBC11418	4004-048	51299485	4023-036	45510500	44-012311	WB1183336	44-019542	WBA1143336
1842-012	PF2200-390-3-12	2211-007	401MP7	4004-060	51299048	4023-048	45510518	44-0123111	WB1184548	44-019544	WBA1144548
1842-018	PF2200-390-3-18	2211-009	401MP9	4004-072	51299493	4023-060	45510526	44-01232	WB12124	44-01955	WBA138912
1851-007	PF2200-393	2211-012	401MP12	4004-084	45509965	4023-072	45510534	44-01362	50187897	44-01956	WBA1382124
1851-012	PF2200-393-12	2211-018	401MP18	4004-096	45509973	4024-014	50193879	44-01414H	45509585	44-019561	WBA1382730
1851-018	PF2200-393-18	2253-007	401FC347	4004-120	45509932	4024-018	50193887	44-01415H	50283266	44-019563	WBA1384548
1853-007	PF2200-392	2253-009	401FC349	4004-144	45509940	4024-024	50193903	44-01416H	51305639	44-01957	WBA112912
1853-012	PF2200-392-12	2253-012	401FC3412	4004-168	45509957	4024-036	45510484	44-01416H	50283506	44-01958	WBA1121518
1853-018	PF2200-392-18	2253-018	401FC3418	4011-014	50050269	4024-048	50193937	44-01417H	50712728	44-01959	WBA1122124
1854-007	PF2200-394	3301-010	9001-276-9-1/2	4011-018	50050277	4024-060	45510492	44-01418H	50283555	44-019591	WBA1122730
1854-012	PF2200-394-12	3301-012	9001-276-12	4011-024	50050285	4024-072	50191790	44-01419H	50712736	44-01960	WBA582730
1854-018	PF2200-394-18	3301-018	9001-276-18	4011-036	51305860	4042-016	22040463	44-01420H	50712744	44-01961	WBA342730
2000-007	WF-14-007	3301-024	9001-276-24	4011-048	45512621	4043-016	22040471	44-01421H	50712751	44-019611	WBA343336
2000-012	WF-14-12	3301-036	9001-276-36	4011-060	45512639	4044-016	22040489	44-01422H	45509593	44-019614	WBA344548
2000-018	WF-14-18	3303-009	9001-277-9-1/2	4011-072	45512647	4061-012	22040935	44-01428H	50713023	44-01962	WBC341518
2007-007	WF-14C-007	3303-012	9001-277-12	4012-014	50050368	4062-012	50190404	44-01429H	50713031	44-019621	WBC34912
2007-012	WF-14C-012	3303-018	9001-277-18	4012-018	50050376	4063-012	50185982	44-014301H	51305704	44-019622	WBC342124
2007-018	WF-14C-018	3303-024	9001-277-24	4012-024	50050392	4064-012	50185990	44-01430H	50385496	44-019623	WBC342730
2042-007	WF-14D-007	3303-036	9001-277-36	4012-036	45512563	4071-016	22040968	44-01431H	50713049	44-019624	WBC78912
2042-012	WF-14D-012	3311-009C	9001-297-9	4012-048	45512571	4072-016	22040976	44-01432H	50283183	44-019625	WBC781518
2042-018	WF-14D-018	3311-012C	9001-297-12	4012-060	45512589	4073-018	22040984	44-01433H	50713056	44-019626	WBC782124
2051-007	WF-14B-007	3311-018C	9001-297-18	4012-072	45512597	4074-018	50186014	44-01434H	50283696	44-019627	WBC782730
2051-012	WF-14B-012	3311-024C	9001-297-24	4012-084	45512605	4081-017	FW40810	44-01435H	50283241	44-0196271	WBC783336
2051-018	WF-14B-18	3311-036C	9001-297-36	4012-096	45512613	4082-017	FW40820	44-01436H	50712132	44-01963	WBA11582124
2053-007	WF-14F-7	3358-009	9001-295-9-1/2	4012-120	45512530	4083-017	FW40830	44-01437H	50712140	44-01971	WBC1912
2053-012	WF-14F-12	3358-012	9001-295-12	4012-144	45512548	4084-017	FW40840	44-01450H	51242006	44-01972	WBC11518
2053-018	WF-14F-18	3360-009	9001-278	4012-168	45512555	4096-014	CB40960	44-01451H	51242014	44-01973	WBC118912
2054-007	WF-14A-007	3361-009	9001-279	4013-014	50050475	4097-014	CB40970	44-01452H	51233690	44-01974	WBC1181518
2054-012	WF-14A-12	3362-009	9001-280	4013-018	50055524	4102-016	50189554	44-014531H	51242063	44-01976	WBC12124
2054-018	WF-14A-18	3363-009	9001-281	4013-024	50055540	4103-016	50189562	44-01453H	51234060	44-01977	WBC12730
2100-007	CP2100-07	3364-009	9001-282	4013-036	50055565	4104-016	50189570	44-01454H	50712975	44-01978	WBC1182124
2100-012	CP2100-12	3365-009	9001-283	4013-048	50055573	4111-016	50189596	44-01455H	51242030	44-01979	WBC1182730
2100-018	CP2100-18	4001-014	50199207	4013-060	50055581	4131-012	BT41310	44-01456H	51234052	44-019791	WBC1183336
2107-007	CP2107-07	4001-018	50199215	4013-072	50055599	4132-009	BT41320	44-019122	22040638	44-01980	WBC1141518
2107-012	CP2107-12	4001-024	50199223	4013-084	45512514	4133-009	BT41330	44-019122.5	22040646	44-01981	WBC1142124
2107-018	CP2107-18	4001-036	45510682	4013-096	45512522	4134-009	BT41340	44-01934	WBA5869	44-01982	WBC1142730
2142-007	CP2142-07	4001-048	45510690	4013-120	45512480	44-00307	22040778	44-01935	WBA58912	44-019822	WBC1144548
2142-012	CP2142-12	4001-060	45510708	4013-144	45512498	44-00307L	22040927	44-019359	WBA3469	44-01983	WBC1381518
2151-007	CP2151-07	4001-072	45510716	4013-168	45512506	44-00308	22040943	44-01936	WBA34912	44-01984	WBC1382124
2151-012	CP2151-12	4002-014	50197805	4014-014	50055680	44-00308L	50187830	44-01937	WBA341518	44-01985	WBC1382730
2151-018	CP2151-18	4002-018	50197821	4014-018	50055698	44-00309	22041008	44-019371	WBA7869	44-01986	WBC112518
2153-007	CP2153-07	4002-024	45510245	4014-024	50055714	44-00309L	50187848	44-01938	WBA78912	44-01987	WBC1122124
2153-012	CP2153-12	4002-036	45510252	4014-036	50055730	44-00310	22041016	44-01939	WBA781518	44-01988	WBC1122730
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2154-007	CP2154-07	4002-060	45510278	4014-060	50055755	44-00991	WB7869	44-01941	WBA11518	44-01989	WBC114912
2154-012	CP2154-12	4002-072	45510286	4014-072	50198993	44-00993	WB782124	44-01942	WBA12124	44-01990	WBC138912
2154-018	CP2154-18	4002-084	45510294	4014-084	45512688	44-00994	WB1912	44-019421	WBA12730	44-01991	WBC112912
2200-007	401B07	4002-096	45510302	4014-096	45512696	44-00997	WB118912	44-019422	WBA13336	44-02040	WB58912
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2201-007	401FC127	4003-014	50197904	4021-014	50195288	44-01218	WB3469	44-01945	WBA1141518	44-03028	WB1382730
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2202-007	401OFC127	4003-048	50197979	4021-060	45510575	44-012214	WB784548	44-019464	WBA1184548	44-0303311	WB582730
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2203-012	401SCI212	4003-120	45510369	4022-048	45510567	44-01226	WB342124	44-01950	WBA582124	44-030411	WB1143336
2203-018	401SCI218	4003-144	45510377	4022-060	45510476	44-01228	WB342730	44-01951	WBA342124	44-030413	WB1144548
2204-007	401OSCI27	4004-014	50196385	4022-072	51304574	44-012282	WB343336	44-01952	WBA782124	44-03042	WB1122124
2205-007	401WBC1147	4004-018	50196401	4023-014	510114883	44-012284	WB344548	44-01953	WBA114912	44-03043	WB112912
2205-009	401WBC1149	4004-024	50196419	4023-018	50193754	44-01229	WB78912	44-01954	WBA1142124	44-03044	WB1121518

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# Safety

## ENGLISH

### Product Description

The term "accessory" refers to each tool mentioned in this catalog.

### WARNING

Failure to observe the following warnings could result in injury. Make this safety information available to users.

- Read and understand all warnings and manuals supplied with the tool and accessory.
- Always turn off the air supply, bleed the air pressure, and disconnect the air supply hose before installing, removing, or adjusting this accessory.
- Inspect the accessory for signs of irregularities such as cracks, fractures, excessive wear, or corrosion. Do not use if signs of irregularities are found.
- Always use personal protective equipment appropriate to the accessory used and the material worked. This may include dust mask or other breathing apparatus, safety glasses, ear plugs, gloves, apron, safety shoes, hard hat, and other equipment.
- Accessory is not designed for working in explosive environments or around electrical hazards.
- Do not touch this accessory with your hands or any other part of your body while in use.
- Never use these accessories as hand chisels or strike them with a hand-driven hammer.
- Do not use the accessory for prying.
- Always ensure the temperature of accessory is above 32° F (0° C) before use. Warm accessory when necessary.
- A tool steel may break in use. Keep clear and maintain a balanced and firm stance.
- Do not touch the accessory or percussive tool parts near accessory during or immediately after operation. A burn may result.

Ingersoll Rand tool safety manuals can be downloaded from [irtools.com](http://irtools.com). Refer all communications to the nearest Ingersoll Rand office or distributor.

## FRENCH

### Description du produit

Cet acier d'outillage a été conçu pour être utilisé avec des outils à percussion pneumatiques. Le terme « accessoire » est employé ci-après en référence à cet acier d'outillage.

### AVERTISSEMENT

Le non respect des avertissements ci-dessous peut entraîner des blessures. Veuillez à mettre ces informations de sécurité à disposition des utilisateurs.

- Veuillez à bien lire et comprendre tous les avertissements et tous les manuels fournis avec l'outil et ses accessoires.
- Veuillez à toujours couper l'alimentation en air, à purger la pression, et à débrancher le tuyau d'alimentation avant d'installer, de retirer ou de régler cet accessoire.
- Inspectez l'accessoire en vue de détecter les éventuels signes d'irrégularités, tels que des fissures, des cassures, une usure excessive ou de la corrosion. N'utilisez pas l'outil en présence d'une de ces anomalies.
- Portez toujours des équipements de protection individuelle appropriés à l'accessoire utilisé et au matériau usiné. Il peut s'agir de masques anti-poussière ou d'autres dispositifs respiratoires, de lunettes de sécurité, de bouchons anti-bruit, de gants, d'un tablier, de chaussures de sécurité, d'un casque, etc.
- Les accessoires ne sont pas conçus pour fonctionner dans des environnements explosifs ou à proximité de dangers électriques.
- Ne touchez pas l'accessoire avec vos mains ou toute autre partie du corps lorsqu'il est en marche.
- N'utilisez jamais ces accessoires comme burins manuels et ne les tapez jamais avec un marteau à main.
- N'utilisez pas cet accessoire pour faire levier.
- Vérifiez toujours que sa température est supérieure à 32° F (0° C) avant de vous en servir. Chauffez l'accessoire au besoin.
- Notez que l'acier d'outillage peut se casser lors de son utilisation. Tenez-vous à distance et veillez à maintenir un appui stable et équilibré.
- Ne touchez pas l'accessoire ou toute partie de l'outil à percussion proche de l'accessoire pendant ou immédiatement après son fonctionnement.

Vous pourriez vous brûler. Vous pouvez télécharger les manuels de sécurité des produits Ingersoll Rand à l'adresse suivante : [www.irtools.com](http://www.irtools.com). Transmettez toutes vos demandes au bureau ou au distributeur Ingersoll Rand le plus proche.

## SPANISH

### Descripción del producto

Esta pieza de acero se diseñó para su utilización con herramientas de percusión neumática. La palabra «accessorio» se utiliza a continuación para referirse a esta pieza de acero.

### ADVERTENCIA

El hecho de hacer caso omiso a las advertencias siguientes podría ocasionar lesiones.

Ponga esta información de seguridad a disposición del usuario.

- Lea detenidamente todos manuales y las advertencias que se suministran con las herramientas y accesorios.
- Corte siempre el suministro de aire, purgue la presión de aire y desconecte la manguera de suministro de aire antes de instalar, desmontar o ajustar este accesorio.
- Revise el accesorio en busca de irregularidades como grietas, fractu-ras, desgaste excesivo o corrosión. No utilice el accesorio si descubre cualquier signo de estas irregularidades.
- Utilice siempre el equipo de protección individual que corresponda al accesorio utilizado y al material con el que se trabaja. Esto puede incluir una mascarilla contra el polvo u otro aparato de respiración, gafas de seguridad, tapones para los oídos, guantes, delantal, zapatos de seguridad, casco y otros artículos.
- El accesorio no está diseñado para su utilización en ambientes explosivos ni cerca de peligros eléctricos.
- No toque el accesorio con las manos ni con el cuerpo mientras esté en uso. No utilice estos accesorios como cincelos de mano ni los golpee con un martillo manual.
- No utilice este accesorio para hacer palanca.
- Asegúrese siempre de que la temperatura del accesorio esté por encima de 32 °F (0 °C) antes de utilizarlo. Caliente el accesorio si es necesario.
- La pieza de acero se puede romper durante su utilización. Despeje la zona circundante y mantenga una postura firme y equilibrada.
- No toque el accesorio o las partes de la herramienta percutora próximas al accesorio durante o inmediatamente después de su uso. Se podrían producir quemaduras.

Los manuales de seguridad de las herramientas de Ingersoll Rand pueden descargarse de [www.irtools.com](http://www.irtools.com). Remita todas las comunicaciones a la oficina o distribuidor de Ingersoll Rand más cercano.

## ITALIAN

### Descrizione del prodotto

Questo acciaio per utensili è stato progettato per l'utilizzo su utensili a percussione pneumatica. Il termine "accessorio" qui utilizzato si riferisce a questo acciaio per utensili.

### AVVERTIMENTO

L'inosservanza delle seguenti avvertenze può causare lesioni fisiche agli operatori.

Tenere le presenti informazioni di sicurezza a portata di mano dell'utente.

- Leggere e accertarsi di aver compreso tutte le avvertenze e i manuali in dotazione con l'utensile e gli accessori.
- Disattivare sempre l'alimentazione dell'aria, fare sfogare la pressione dell'aria e staccare il tubo flessibile di alimentazione dell'aria prima di installare, rimuovere o regolare l'accessorio.
- Ispezionare l'accessorio per controllare che non vi siano difetti quali crepe, fratture, usura eccessiva o corrosione. Non utilizzare se si rilevano tracce di irregolarità.
- Utilizzare sempre protezioni personali adeguate all'accessorio adoperato e ai materiali su cui si intende lavorare. Può essere necessario indossare maschere antipolvere o altri dispositivi di protezione delle vie aeree, occhiali di sicurezza, cuffie, guanti, tute, scarpe antinfortunistiche, caschi ed equipaggiamento di tipo diverso.
- Questo accessorio non è adatto all'utilizzo in atmosfere potenzialmente esplosive, né in aree soggette a rischi di natura elettrica.
- Mentre è in funzione, non toccare l'accessorio con le mani o altre parti del corpo.
- Non usare mai questi accessori come scalpelli manuali, né colpirli con un martello operato manualmente.
- Non usare l'accessorio per fare da leva.
- Accertarsi che la temperatura dell'accessorio sia al di sopra dei 32°F (0°C) prima di metterlo in funzione. Riscaldare l'accessorio, se necessario.
- L'acciaio da utensili potrebbe spezzarsi durante l'uso. Tenere libero lo spazio attorno all'utensile e mantenere una posizione ben equilibrata e salda.
- Non toccare l'accessorio o le parti dell'utensile a percussione che sono vicine all'accessorio durante subito dopo il lavoro. Si può andare incontro a ustioni.

È possibile scaricare i manuali sulla sicurezza degli utensili Ingersoll Rand dal sito [www.irtools.com](http://www.irtools.com). Per qualsiasi comunicazione, rivolgersi all'ufficio o al distributore Ingersoll Rand più vicino.

## DUTCH

### Produktbeschreibung

Dieser Werkzeugstahl wurde für den Gebrauch in Druckluft-Schlagwerkzeugen entwickelt. "Zubehör" bezieht sich im Nachfolgenden auf diesen Werkzeugstahl.

### ACHTUNG

Das Nichtbefolgen der folgenden Achtungshinweise kann zu Verletzungen führen.

Diese Sicherheitsinformation sind dem Benutzer zugänglich machen.

- Lesen und verstehen Sie alle Achtungshinweise und Handbücher, die mit dem Werkzeug und dem Zubehör geliefert werden.
- Stellen Sie immer, wenn dieses Zubehör an- oder abgebaut oder eingestellt wird, die Luftzufuhr ab, lassen den Luftdruck ab und trennen den Versorgungsschlauch vom Werkzeug.
- Das Zubehör auf Zeichen von Unregelmäßigkeiten wie Risse, Brüche, übermäßigen Verschleiß oder Korrosion prüfen. Bei Auftreten solcher Unregelmäßigkeiten das Zubehör nicht verwenden.
- Verwenden Sie immer die persönliche Schutzausrüstung, die dem Zubehör und den bearbeiteten Materialien entspricht. Dies kann die Verwendung einer Staubmaske oder eines Atemschutzgeräts, von Schutzbrillen, Ohrstöpseln, Handschuhen, einer Schürze, Sicherheits-schuhen, eines Schutzhelms oder anderer Ausrüstung beinhalten.
- Das Zubehör wurde nicht für die Verwendung in explosiven Umgebungsbedingungen oder bei einer Gefährdung durch Strom entwickelt.
- Dieses Zubehör bei Gebrauch nicht mit den Händen oder anderen Körperteilen in Kontakt bringen.
- Dieses Zubehör nie als Handmeißel verwenden oder mit einem Handhammer schlagen.
- Das Zubehör nicht als Hebel verwenden.
- Immer sicherstellen, dass die Temperatur des Zubehörs vor der Verwendung bei über 32° F (0° C) liegt. Das Zubehör wenn nötig erwärmen.
- Ein Werkzeugstahl kann bei Gebrauch brechen. Halten Sie sich fern, balancieren Sie den Körper gut aus und sorgen Sie für einen festen Stand.
- Das Zubehör oder die schlagenden Teile des Werkzeuges nahe dem Zubehör während des Betriebes oder kurz danach nicht berühren. Verbrennungen könnten die Folge sein.

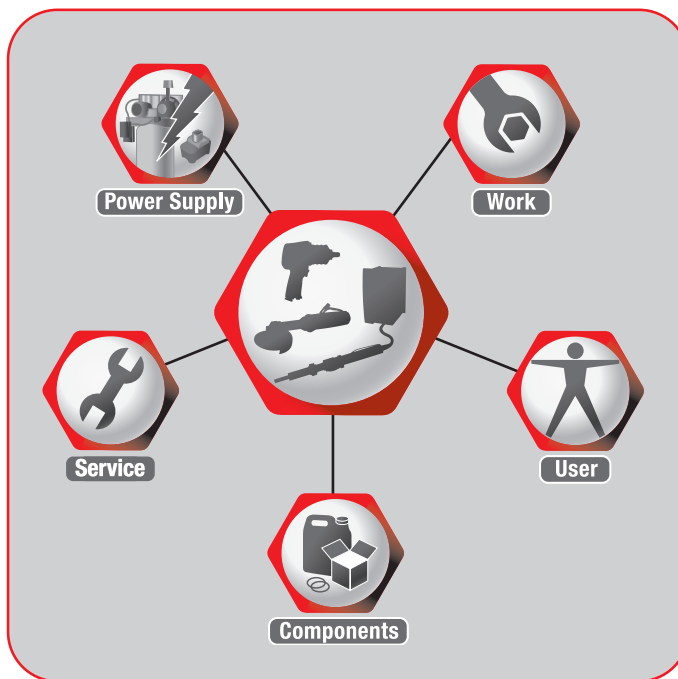
Ingersoll Rand Handbücher zur Werkzeugsicherheit können unter [www.irtools.com](http://www.irtools.com) heruntergeladen werden. Führen Sie jedwede Kommunikation über das nächste Ingersoll Rand- Büro oder eine entsprechende Werksvertretung.

## Warranty

Ingersoll Rand construction tool steels and accessories are guaranteed against defects in workmanship and material. Products that have been misused or modified, or that have not had the proper care and maintenance, will not be considered for warranty. Our liability for warranty claims is limited to the replacement of defective product. No other warranty is expressed or implied.

## Ingersoll Rand Accessories

Ingersoll Rand offers a full line of top-quality accessories specifically designed to complement our entire product offering. Any manufacturer can provide equipment or aftermarket accessories, but Ingersoll Rand offers a 360-degree, total solutions approach to everything that we do and provide.



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- **User accessories:**  
Gloves, spring balancers, tool boots, comfort grips, etc.
- **Components:**  
Lubricants, repair kits, etc.

For more information visit our Web site [irtools.com](http://irtools.com), order the Ingersoll Rand Accessories Catalog (form #IR-0605-097), or call (800) 376-TOOL.

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