








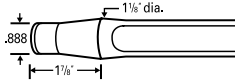
# Steel, Bits, and Retainers

Description	Product	Under Collar Length	Hex Shank Part Number and Size		
			7/8" x 3-1/4"	7/8" x 4-1/4"	1" x 4-1/4"
"H" Thread-Jack Rods		18"	50283266	51242014	50713031
		24"	50283506	51233690	50354596
		30"	51305639	51242030	51305704
		36"	50712728	51234052	50713049
		48"	50283555	51234060	50283183
		60"	50712736	51242063	50713056

Description	Product	Bit Size		Part Number	
		in.	mm	Single Use	Multi Use
"H" Thread-Carbide Bits		1-1/2	38	51248367	51248300
		1-3/4	44	51248383	51248326
		2	52	51248409	51248342
		2-1/4	57	N/A	51356723
		2-1/2	64	51293017	N/A






1-1/4 in. x 4-1/4 in. Hex Shank Rope Thread Jackrod are available in the IRAX catalog along with other sizes of jackrod and bits.

## Rivet Buster Steel and Retainers

Description	Product	Length		Part Number
		in.	mm	
Moil Point: 12 in.		12	305	9001-297 12
Chisels		9-1/2	241	9001-276-9-1/2
		12	305	9001-276-12
		18	457	9001-276-18
Side Cut Chisel: 9-1/2 in.		12	305	9001-277-9-1/2
Ripper Chisel: 9-1/2 in.		9-1/2	241	9001-295 9-1/2
Assembled Unit shows position of sleeves and bumper				

Description	Product	Rivit Diameter		Part Number
		in.	mm	
Black Out Punches: 9-1/2 in.		3/8	10	9001-278
		1/2	13	9001-279
		5/8	16	9001-280
		3/4	19	9001-281
		7/8	22	9001-282
		1	25	9001-283
		1-1/8	29	9001-284

Retainers & Accessories	Product	Barrel Threaded 9001, 11001	Barrel Grooved 8001A, 9001A, 11001A
Retainer		N/A	11001-18
Lower Sleeve		9001-200	N/A
Upper Sleeve		9001-220	9001-220
Lower Sleeve		9001-201	9001-201

Retainers & Accessories	Product	Barrel Threaded 9001, 11001	Barrel Grooved 8001A, 9001A, 11001A
Bumper		9001-203	9001-203
Lock Clip		9RB-207	N/A
Spring Lock		N/A	89938450
Key		9001-208	N/A
Pin		FMD2-667	N/A

# Rivet Busters

## DT9DL1, DS1 and DH1

### 6 in. Stroke Rivet Buster

This rivet buster provides the hard-hitting performance of a small breaker, without the added weight. The unit features the use of standard hex steel, and weighs just 20-22 lbs, depending on retainer selection.

- Enclosed "D" handle
- Inside 3 finger trigger
- Latch retainer: DT9TL1
- Sleeve retainer: DT9DS1
- Hitch retainer: DT9DH1
- Takes 7/8 in. x 3-1/4 in. hex steel
- Integral muffler
- Solid steel cylinder



## 8001A

### 8 in. Stroke Rivet Buster

Our general duty eight inch rivet buster is configured with a "D" grip, inside trigger, and grooved barrel spring lock retainer as standard. This provides ease of handling and ease of steel changing for a variety of tough demolition and removal projects.

- Piston bridge prevents accidental discharge for increased safety
- Rugged steel forged "D" handle
- Three finger inside trigger
- Steel throttle valve
- Case hardened alloy steel cylinder
- Heavy duty upper and lower sleeves
- Takes industry standard jumbo steel



## 9001 and 9001A

### 9 in. Stroke Rivet Buster

Whether your job involves heavy duty foundry applications, bridge deck work, rivet removal, tank cutting and ripping, or general brick or concrete demolition, the 9001 provides an ideal solution to handle your toughest job. Your choice of threaded retainer, (Model 9001) or grooved barrel spring lock retainer, (Model 9001A).

- Piston bridge prevents accidental discharge for increased safety
- Swan neck handle
- Outside forged steel trigger
- Steel throttle valve
- Case hardened alloy steel cylinder
- Directional exhaust deflector
- Takes industry standard jumbo steel



## 11001 and 11001A

### 11 in. Stroke Rivet Buster

For production rivet removal and heavy demolition, our longest stroke rivet buster is the heaviest hitting unit in IR's rivet buster line. It features all of the same features and benefits of the 9001, including the integral piston bridge for added safety, a choice of retainers, and the swan neck handle.



Model No.	Retainer Type	Shank Size Hex w/Collar in.	Handle Type	Trigger Type	Piston Stroke		Bore		Blows per Minute	Length w/o Accessory		Weight w/o Accessory		CFM
					in.	mm	in.	mm		in.	mm	lbs	kg	
DT9DL1	Latch	7/8 x 3 1/4	D Grip	Inside	5 15/16	150	1 11/16	42.5	1560	22 1/2	565	22	10	47
DT9DS1	Screw	7/8 x 3 1/4	D Grip	Inside	5 15/16	150	1 11/16	42.5	1560	22 1/2	565	22	10	47
DT9DH1	Hitch	7/8 x 3 1/4	D Grip	Inside	5 15/16	150	1 11/16	42.5	1560	22 1/2	565	22	10	47

3/4 in. male NPT air inlet. A 3/4 in. (19 mm) size hose recommended. (for hose lengths exceeding 100 ft, use larger dia. hose). Sound level is 95 dBA. Performance figures are at 90 psi (20 kPa) air pressure.

Model	Length <sup>(1)</sup> in.	Stroke in.	Retainer Type	Handle Type kg	Steel Type	Weight <sup>(1)</sup> lbs	BPM	Bore in.	CFM	Air Inlet in. (NPT)
8001A	22 1/2	8	Grooved barrel with lock spring	"D" handle	Jumbo	30	1140	1 3/16	44	1/2
9001A	22 1/2	9	Grooved barrel with lock spring	Swan neck	Jumbo	24.75	900	1 1/16	40	1/2
9001	22 1/2	9	Threaded barrel with lock clip	Swan neck	Jumbo	24.75	900	1 1/16	40	1/2
11001A	24 1/2	11	Grooved barrel with lock spring	Swan neck	Jumbo	30.21	800	1 1/16	45	1/2
11001	24 1/2	11	Threaded barrel with lock clip	Swan neck	Jumbo	30.21	800	1 1/16	45	1/2

# Chipping Hammers

## "K" Series

### General / Light Duty

Weighing just 8 lbs, and offered only in a 1 1/4 in. stroke, this tool is IR's smallest line of chippers, but features the same time-tested features that have made our chippers leaders in the industry. Available in .580 and .680 round shank. Uses oval collar accessories.

- Grooved barrel, lock spring retainer
- Swan neck handle
- Outside trigger
- Time tested valve durability
- Replaceable piston



## "D" Series

### Construction Duty / 4 Bolt

Compare the weight of this 4 bolt to the competition! This rugged tool features the best power to weight in its class for increased job site productivity. In addition, this unit features a convenient "D" shaped handle and outside trigger, along with a strong four bolt backhead for easy serviceability.

- Time tested valve design
- Die cast aluminum handle
- Directional exhaust
- Tease throttle
- Over-molded steel collar
- Available in 2, 3 or 4 in. stroke
- Choice of .580 hex or .680 round shank
- Accepts oval collar accessories



Model	Weight less Chisel		Length		Piston Stroke		Bore		Blows per Minute	Chisel Retainer	Hose Connector Pipe Tap	Size Hose Recomm.		CFM
	lb.	kg	in.	mm	in.	mm	in.	mm			in.	in.	mm	
<b>With .580" Hex Nozzle — for use with Hex Shank Oval Collar Chisels</b>														
K2LA1	6	2.72	10 7/8	276	1 3/4	44	7/8	22	3600	None	1/4	1/2	13	18
K2LA1SA	8	3.63	12	305	1 3/4	44	7/8	22	3600	Plain Arrow	1/4	1/2	13	18
<b>With .680" Round Nozzle — for use with Round Shank Oval Collar Chisels</b>														
K2LA2	6	2.72	10 7/8	276	1 3/4	44	7/8	22	3600	None	1/4	1/2	13	18
K2LA2SA	8	3.63	12	305	1 3/4	44	7/8	22	3600	Plain Arrow	1/4	1/2	13	18

Performance figures are at 90 psi (620 kPa) air pressure.

Series	Model/ Part No.	Chisel Bushing	Retainer in.	Blows/ minute	Weight w/o Retainer lbs	Length w/o Retainer in.	Length w Retainer in.	Air SCFM	Stroke in.	Bore in.
D	2DA1SA	Hex	Std	2200	11 3/4	13 1/4	13 3/4	28	2 1/4	1 1/8
D	3DA1SA	Hex	Std	1900	13	14 3/4	17	31	3	1 1/8
D	4DA1SA	Hex	Std	1600	14	15 3/4	18	34	4	1 1/8
D	2DA2SA	Round	Std	2200	11 3/4	13 1/4	13 3/4	28	2 1/4	1 1/8
D	3DA2SA	Round	Std	1900	13	14 3/4	17	31	3	1 1/8
D	4DA2SA	Round	Std	1600	14	15 3/4	18	34	4	1 1/8

Hex Bushings – Measures .580 hex, Round Bushing – Measures .680 round  
 (1) Weight of standard retainer and spring equals 2 lbs.

# Chipping Hammers

## "A" Series Industrial Duty

Renowned for its valve life and handle durability, this classic tool is widely used throughout industry and construction. It is ideal for light demolition work, bridge decking, concrete surface preparation, metal removal, form stripping, and many other applications. It is available in a 1, 2, 3 or 4 in. piston stroke with your choice of .580 hex or .680 round shank. Uses oval collar accessories.

- Grooved barrel, lock spring retainer
- Swan neck handle
- Outside trigger
- Time tested valve durability
- Replaceable piston
- Long nozzle for extra life



**3A2SA**  
\*Units ending in 'A' include a retainer as standard. Those ending in 'S' do not.

## "W" Series Heavy Duty

Same tough specifications as the "A" series units, but with a heavy duty front end featuring a threaded barrel and rubber buffered retainer for increased steel and retainer life. Uses round collared accessories.





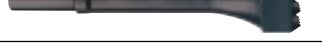


**W3A2**  
Screw on retainers are standard on all 'W' units.








Model	Weight less Chisel		Length		Piston Stroke		Bore		Blows per Minute	Chisel Retainer in.	Hose Connector Pipe Tap in.	Size Hose Recomm. mm	CFM
	lb.	kg	in.	mm	in.	mm	in.	mm					
<b>'A' Series Industrial Duty Chippers</b>													
<b>With .580" Hex Nozzle — uses Hex Shank Oval Collar Chisels</b>													
1A1S	12 <sup>3</sup> / <sub>4</sub>	5.78	13 <sup>1</sup> / <sub>2</sub>	343	1	25	1 <sup>1</sup> / <sub>8</sub>	28	2500	None	<sup>3</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub> 13	28
1A1SA	14 <sup>3</sup> / <sub>4</sub>	6.69	15 <sup>1</sup> / <sub>2</sub>	394	1	25	1 <sup>1</sup> / <sub>8</sub>	28	2500	Plain	<sup>3</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub> 13	28
2A1S	13 <sup>1</sup> / <sub>8</sub>	5.95	14	356	2	51	1 <sup>1</sup> / <sub>8</sub>	28	2300	None	<sup>3</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub> 13	28
2A1SA	15 <sup>1</sup> / <sub>8</sub>	6.86	16	406	2	51	1 <sup>1</sup> / <sub>8</sub>	28	2300	Plain	<sup>3</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub> 13	28
3A1S	14 <sup>5</sup> / <sub>8</sub>	6.63	15 <sup>7</sup> / <sub>8</sub>	403	3	76	1 <sup>1</sup> / <sub>8</sub>	28	1725	None	<sup>3</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub> 13	29
3A1SA	16 <sup>5</sup> / <sub>8</sub>	7.54	17 <sup>7</sup> / <sub>8</sub>	454	3	76	1 <sup>1</sup> / <sub>8</sub>	28	1725	Plain	<sup>3</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub> 13	29
4A1S	15 <sup>1</sup> / <sub>2</sub>	7.03	16 <sup>7</sup> / <sub>8</sub>	429	4	102	1 <sup>1</sup> / <sub>8</sub>	28	1480	None	<sup>3</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub> 13	29
4A1SA	17 <sup>1</sup> / <sub>2</sub>	7.94	18 <sup>7</sup> / <sub>8</sub>	480	4	102	1 <sup>1</sup> / <sub>8</sub>	28	1480	Plain	<sup>3</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub> 13	29
<b>With .680" Round Nozzle — uses Round Shank Oval Collar Chisels</b>													
1A2S	13 <sup>3</sup> / <sub>4</sub>	5.78	13 <sup>1</sup> / <sub>2</sub>	343	1	25	1 <sup>1</sup> / <sub>8</sub>	28	2500	None	<sup>3</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub> 13	28
1A2SA	14 <sup>3</sup> / <sub>4</sub>	6.69	15 <sup>1</sup> / <sub>2</sub>	394	1	25	1 <sup>1</sup> / <sub>8</sub>	28	2500	Plain	<sup>3</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub> 13	28
2A2S	13 <sup>1</sup> / <sub>8</sub>	5.95	14	356	2	51	1 <sup>1</sup> / <sub>8</sub>	28	2300	None	<sup>3</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub> 13	28
2A2SA	15 <sup>1</sup> / <sub>8</sub>	6.86	16	406	2	51	1 <sup>1</sup> / <sub>8</sub>	28	2300	Plain	<sup>3</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub> 13	28
3A2S	14 <sup>5</sup> / <sub>8</sub>	6.63	15 <sup>7</sup> / <sub>8</sub>	403	3	76	1 <sup>1</sup> / <sub>8</sub>	28	1725	None	<sup>3</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub> 13	29
3A2SA	16 <sup>5</sup> / <sub>8</sub>	7.54	17 <sup>7</sup> / <sub>8</sub>	454	3	76	1 <sup>1</sup> / <sub>8</sub>	28	1725	Plain	<sup>3</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub> 13	29
4A2S	15 <sup>1</sup> / <sub>2</sub>	7.03	16 <sup>7</sup> / <sub>8</sub>	429	4	102	1 <sup>1</sup> / <sub>8</sub>	28	1480	None	<sup>3</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub> 13	29
4A2SA	17 <sup>1</sup> / <sub>2</sub>	7.94	18 <sup>7</sup> / <sub>8</sub>	480	4	102	1 <sup>1</sup> / <sub>8</sub>	28	1480	Plain	<sup>3</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub> 13	29
<b>'W' Series Heavy Duty Chippers</b>													
<b>With .580" Hex Nozzle — to use Hex Shank Round Collared Accessories</b>													
W1A1	14 <sup>3</sup> / <sub>4</sub>	6.69	15 <sup>7</sup> / <sub>8</sub>	403	1	25	1 <sup>1</sup> / <sub>8</sub>	28	2500	N/A	<sup>3</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub> 13	28
W2A1	15 <sup>1</sup> / <sub>2</sub>	7.03	16 <sup>3</sup> / <sub>8</sub>	416	2	51	1 <sup>1</sup> / <sub>8</sub>	28	2300	N/A	<sup>3</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub> 13	28
W3A1	16 <sup>5</sup> / <sub>8</sub>	7.54	18 <sup>1</sup> / <sub>4</sub>	464	3	76	1 <sup>1</sup> / <sub>8</sub>	28	1725	N/A	<sup>3</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub> 13	29
W4A1	17 <sup>1</sup> / <sub>2</sub>	7.94	19 <sup>1</sup> / <sub>4</sub>	489	4	102	1 <sup>1</sup> / <sub>8</sub>	28	1480	N/A	<sup>3</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub> 13	29
<b>With .680" Round Nozzle — to use Round Shank Round Collared Accessories</b>													
W1A2	14 <sup>3</sup> / <sub>4</sub>	6.69	15 <sup>7</sup> / <sub>8</sub>	403	1	25	1 <sup>1</sup> / <sub>8</sub>	28	2500	N/A	<sup>3</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub> 13	28
W2A2	15 <sup>1</sup> / <sub>2</sub>	7.03	16 <sup>3</sup> / <sub>8</sub>	416	2	51	1 <sup>1</sup> / <sub>8</sub>	28	2300	N/A	<sup>3</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub> 13	28
W3A2	16 <sup>5</sup> / <sub>8</sub>	7.54	18 <sup>1</sup> / <sub>4</sub>	464	3	76	1 <sup>1</sup> / <sub>8</sub>	28	1725	N/A	<sup>3</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub> 13	29
W4A2	17 <sup>1</sup> / <sub>2</sub>	7.94	19 <sup>1</sup> / <sub>4</sub>	489	4	102	1 <sup>1</sup> / <sub>8</sub>	28	1480	N/A	<sup>3</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub> 13	29






Performance figures are at 90 psi (620 kPa) air pressure.  
For hose lengths exceeding 50', use larger dia. hose.

# Chipping Hammer Steel and Retainers

Description	Product	Most Popular Under Collar Length	Series: K2L, 1, 2, 3, 4A and D		Series: W1, W2, W3 and W4	
			.680 Round Shank Oval Collar	.580 Hex Shank Oval Collar	.680 Round Shank Round Collar	.580 Hex Shank Round Collar
1" Flat Chisel		12"	HH1-215F-12	HH1-214F-12	H3R-215-12	H3R-214F-12
		18"	HH1-215F-18	HH1-214F-18	H3R-215F-18	H3R-214F-18
Moil Point		12"	HH1-215M-12	HH1-214M-12	H3R-215M-12	H3R-214M-12
		18"	HH1-215M-18	HH1-214M-18	N/A	H3R-214M-18
Diamond Point		12"	HH1-215D-12	HH1-214D-12	H3R-215D-12	H3R-214D-12
2" Scaling Chisel		12"	HH1-323-12	HH1-324-12	H3R-423-12	H3R-424-12
		18"	N/A	N/A	N/A	N/A
Bushing Tool		9"	HH1-215-9	HH1-214T-9	N/A	N/A

Other Steels available through IRAX Catalog, Form 52225G: Spark Resistant Chisels, Blanks, Cape, Gouge, Round Nose, Fuller, Caulking, Ripper Chisel, Tooth Chisel, Paper Box Stripping Chisel.

Retainers	Product	Barrel Area Type	Series: K2L, 1, 2, 3, 4A and D	Series: W1, W2, W3 and W4
Standard Standard on all chippers ending in "SA"		Grooved	HH1-1190	N/A
Optional Quick Change		Grooved	HH1-1191	N/A
Optional Quick Change		Grooved	HH1-3400-3	N/A
Lock Spring Used on all grooved barrel retainers above		Grooved	HH1-1194	N/A
Rubber Buffered <sup>(1)</sup> Standard on all "W" series chippers		Threaded	N/A	HHW1-A300
Optional Economy Type		Threaded	N/A	HHW2-200
Optional Quick Change		Threaded	N/A	HHW1-3450

Description	Product	Part No.
Upper Buffer Washer (2 Pieces)		H3R-31
Lower Buffer Washer		HHW1-213
Lower buffer Washer Ring		R000A2-103
Rubber Bumper		H3R-203
Lock Clip		24SR-207

(1) "W" Series chipper w/rubber buffered retainer, part no. HHW1-A300, includes the parts above.

**Note:**

Operating percussive tools without impacting a work surface (dry firing) or without proper lubrication subjects the tool to premature wear and damage. IR recommends using an in-line oiler (part no. 6LUB12) on your compressor with medium weight rock drill oil (part no. 51378693).

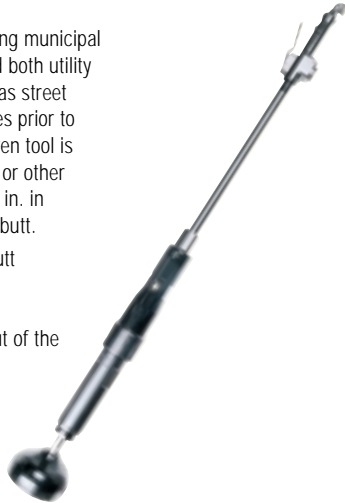
# Backfill Tampers and Sand Rammers

## 341A2M

### Tamper

At 35 lbs, this tamper is a favorite among municipal and utility crews for compacting around both utility line repairs and new installations such as street lights, fire hydrants, and telephone poles prior to pouring concrete. In addition, this proven tool is ideal for backfilling around foundations or other tight areas. Fits in openings down to 6 in. in standard version, or 3 in. with optional butt.

- Standard 5<sup>3</sup>/<sub>4</sub> in. round malleable butt
- Built in lubricator
- Built in muffler
- Dual action sand wiper keeps dirt out of the barrel
- 7/8 in. tapered rod
- Plated piston
- Optional front end butts
  - 3 in. steel butt: 34SR-383

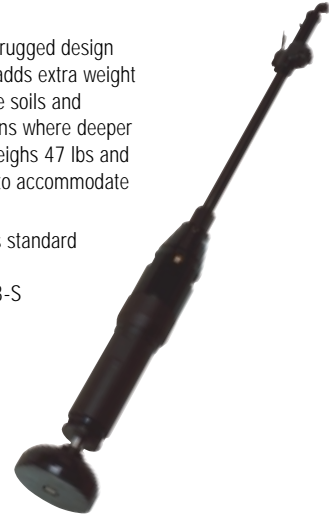


## 441A2M

### Tamper

This unit features all of the same rugged design features as the 35 lb model, but adds extra weight and power to extend deep into the soils and substructures for those applications where deeper backfill is necessary. This unit weighs 47 lbs and has a 1 in. threaded tapered rod to accommodate optimal front-end butts.

- 5<sup>3</sup>/<sub>4</sub> in. round malleable butt is standard
- Optimal front end butt
  - 1/2 in. moon: 44SR-HM183-S



## 130A1M

### "Bench" Sand Rammer

Ideal for compacting sand molds in a foundry or casting facility, the short size, light weight and long throttle lever allow this unit to be used on smaller models that are set up waist high. Its unique double-action "sand wiper" seal excludes dirt and grit from inside the tool for reduced wear and long life.

- Time tested valve design
- 11<sup>9</sup>/<sub>16</sub> lbs
- Optional front end butts
- 2<sup>1</sup>/<sub>2</sub> in. butt standard
- Round piston rod
- Built in muffler



## 241A1M

### "Floor" Sand Rammer

This unit features a long handle, heavier stroke, two times the weight, and double the BPM of the 130A1M. This unit is easily held from a standing position while compacting very large molds at floor level.

- Time tested valve design
- Front end seal excludes dirt and grit
- 47<sup>1</sup>/<sub>8</sub> lbs
- 3 in. butt standard
- Optional front end butts
- Round piston rod



## Equipment at Extra Price

Description of Butt	Part Number
For Model 130A1M — 1/2" Tapered Rod	
Malleable Butt 2 1/2" (64 mm) diameter (Std.)	12SR-83
Rubber Tipped Butt 2 3/8" (60 mm) diameter	14SR-83R-23/8
Rubber Topping-off Butt 3 29/32" (99 mm) diameter	14SR-83R-4
Rubber Tipped Peen	14SR-93R

Description of Butt	Part Number
For Model 241A1M — 5/8" Tapered Rod	
Malleable Butt 3" (76 mm) diameter (Std.)	22SR-83-3x3/4
Rubber Tipped Butt 3" (76 mm) diameter	24SR-83R-3
Rubber Tipped Butt 5" (127 mm) diameter	24SR-83R-5

Model	Type	Weight w/Butt lb. kg	Length w/Butt in. mm	Barrel Bore in. mm	Piston Stroke in. mm	Blows per Minute	Butt Diameter in. mm	CFM
130A1M	Bench	11 <sup>9</sup> / <sub>16</sub> 5.24	21 <sup>1</sup> / <sub>2</sub> 546	1 25	2 <sup>1</sup> / <sub>2</sub> 63	870	– –	14
241A1M	Floor	26 <sup>7</sup> / <sub>8</sub> 12.2	52 <sup>3</sup> / <sub>4</sub> 1340	1 <sup>5</sup> / <sub>16</sub> 33	4 102	1590	– –	29
341A2M	–	34 <sup>7</sup> / <sub>8</sub> 15.8	52 <sup>3</sup> / <sub>4</sub> 1340	1 <sup>5</sup> / <sub>8</sub> 41	4 102	1550	5 <sup>3</sup> / <sub>4</sub> 146	29
441A2	–	47 <sup>1</sup> / <sub>8</sub> 21.4	50 <sup>7</sup> / <sub>8</sub> 1292	2 51	4 102	1750	5 <sup>3</sup> / <sub>4</sub> 146	36

Model 130A1M has 1/4" NPT air inlet; 3/8" (10 mm) hose is recommended.  
 Model 241A1M has 3/8" NPT air inlet; 1/2" (13 mm) hose is recommended.  
 Both Tampers have 3/8" NPT air inlet; 1/2" (13 mm) size hose is recommended.  
 Performance figures are at 90 psi (620 kPa) air pressure.

# Rail Tools: Spike Drivers and Tie Tampers

## 60 lb Spike Drivers

- MX60-SD: Fixed Handle
- MX60F-SD: Flex Handle

Looking to improve the productivity of rail maintenance and installation crews? In comparative field testing, rail crews have discovered that the 60 lb IR spike driver, performs as fast as competitive 90 lb tools, giving you the productivity of a large tool with one third less weight. IR spike drivers transfer 20 percent more blow energy to the spike than traditional tools by incorporating the same hard hitting power-stroke piston technology found in our pavement breakers. The units are available with optional flex handles for enhanced operator comfort and productivity.

- Built in lubricator
- No side rods or springs to wear
- Composite valve eliminates valve rust
- Power-stroke piston
- Fronthead guides and supports spike



## 90 lb Spike Drivers

- MX90-SD: Fixed Handle
- MX90F-SD: Flex Handle

For those crews requiring maximum production, IR offers the larger 90 lb tool with all the same rugged design and performance specifications as the 60 lb tool.

### Equipment at Extra Price

- MX60 muffler (52080298)
- MX90 muffler (51953453)



Standard Models	Part Number	Weight w/o Accessory		Length Accessory		Piston Bore		Piston Stroke		Blows per Minute bpm	Air Consumption @ 90 psi		Air Connection in.
		lb.	kg	in.	mm	in.	mm	in.	mm		cfm	1/sec	
MX60-SD	51997922	69	31.4	27.5	686	2.06	52.3	5.75	146	1250	75	35.4	3/4 NPT
MX90-SD	51997948	86	39.0	27.5	686	2.62	66.5	5.75	146	1250	89	40.1	3/4 NPT
MX60F-SD	51997930	69	31.4	27.5	686	2.06	52.3	5.75	146	1250	75	35.4	3/4 NPT
MX90F-SD	51997955	86	39.0	27.5	686	2.62	66.5	5.75	146	1250	89	40.1	3/4 NPT

Air inlet: 3/4" NPT.

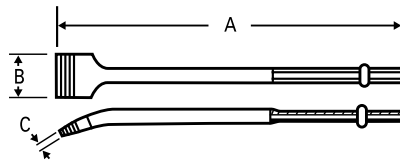
Size Hose Recommended: 3/4" (for hose lengths exceeding 50', use larger dia. hose).

Performance figures are at 90 psi (6.3 bar) air pressure.

## MT4 Tie Tamper

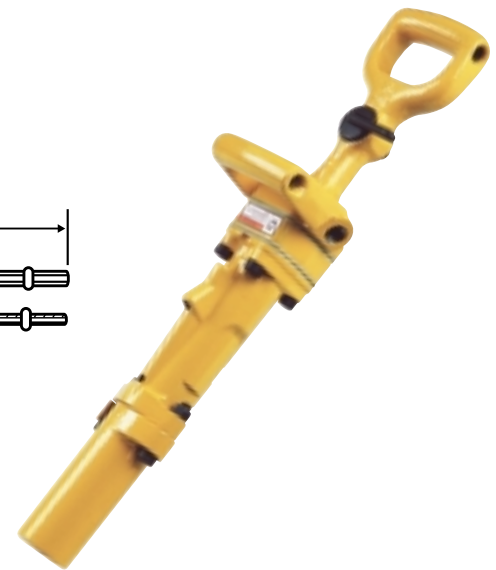
Built for fluffing up railroad ballast, this tool features a forged-steel housing and handles, as well as precision engineered valving and pistons for long life and durability. With top and rear handles, this tool is balanced for improved comfort and handling. Multiple steel options are available to meet all applications in rock, gravel, slag, dirt, cinder, sand, or chat ballast. Hose can be attached from either side to reduce interference when working in pairs.

- Chrome plated piston
- Low air consumption
- Excellent power balance will not crush ballast
- Chrome plated nozzle for long life
- Wing throttle



### Tie Tamper Steels

Part Number	A	B	C	Description
MT2-12-3/8	24"	3"	3/8"	Plain face, for spot tamping and low lifts
MT2-12-5/8	24"	3"	5/8"	Plain face, for rock ballast of 29 mesh or larger
MT2-12-7/8	24"	3"	7/8"	Plain face, for small rock ballast, gravel and slag
MT2-12-3/4	24"	3"	3/4"	Plain face, for dirt, cinder, gravel, sand or chat ballast
MT2-S12-5/8	24"	3"	5/8"	Toothed face, for stone ballast
MT2-12-11/8	24"	3"	1 1/8"	Plain face, for dirt, cinder, gravel, sand or chat ballast



Model	Weight w/Butt		Length w/Butt		Barrel Bore	Piston Stroke	Blows per Minute	Hose connection Pipe Tap	Recommended Hose Size		CFM		
	lb.	kg	in.	mm	in.	mm			in.	mm			
MT4	40 1/4	18.3	29 1/4	743	2	51	1 11/16	43	1400	3/4	3/4	19	9

Performance figures are at 90 psi (620 kPa) air pressure.

# Vibe Reduced Demolition Tools

## DT10 Series Demolition Tools

### 23 lb Horizontal Demolition

Using IR's exclusive Vibrasmooth™ technology to dampen the impact reaction before it reaches the operator, these tools provide exceptional power to weight ratios, for a combination of productivity and operator comfort not found in traditional tools. Designed for horizontal demolition, these units also feature optional retainers such as latch, hitch, or sleeve and have an integral composite muffler for sound reduction.

- "D" handle with 3 finger trigger
- Both hands are isolated
- Solid steel cylinder
- Life time warranty on composite housing
- Shank options: 7/8 x 3-1/4 in. and 1 x 4-1/4 in.



## DT13 Series Demolition Tools

### 28 lb Vertical Demolition

Same Vibrasmooth™ technology and specs as the DT10, with a "T" handle for vertical demolition. This unit is ideal for medium weight demolition such as curb and walkway removal as well as utility digging. The grips are positioned to accommodate natural wrist position. When the throttle is depressed, it lies flush and provides hand grips of equal size.



### Retainers Types

- Hitch: Thread-on Key Way (multiple accessory options such as spades and diggers)
- Latch: Traditional Latch Type (multiple accessory options)
- Screw: Thread-on Sleeve (chisels and points up to 1 in. only)



Note: Hitch retainer must be completely threaded off to change chisels. It allows shank and collar to be inserted through side hole when using a spade or chisel with a wide blade that will not fit through 1 in. opening in screw retainer.

Model	Retainer Type	Shank Size Hex w/Collar in.	Handle Type	Trigger Type	Piston Stroke		Bore		Blows per Minute	Length w/o Accessory		Weight w/o Accessory		CFM
					in.	mm	in.	mm		in.	mm	lb.	kg	
DT10DS1	Screw	7/8 x 3 1/4	D-Grip	Inside	5 15/16	150	1 11/16	42.5	1560	26 3/8	670	23	10	62
DT10DH1	Hitch	7/8 x 3 1/4	D-Grip	Inside	5 15/16	150	1 11/16	42.5	1560	26 3/8	670	23	10	62
DT10DL1	Latch	7/8 x 3 1/4	D-Grip	Inside	5 15/16	150	1 11/16	42.5	1560	26 3/8	670	23	10	62
DT10DL2	Latch	1 x 4 1/4	D-Grip	Inside	5 15/16	150	1 11/16	42.5	1560	26 3/8	670	23	10	62
DT13TL1	Latch	7/8 x 3 1/4	T-Handle	Top	5 15/16	150	1 11/16	42.5	1560	27 1/8	690	28	13	62
DT13TL2	Latch	1 x 4 1/4	T-Handle	Top	5 15/16	150	1 11/16	42.5	1560	27 1/8	690	28	13	62

All IRGO-PICs have a 3/4" male NPT air inlet.  
 A 3/4" (19mm) size hose recommended.  
 Performance figures are at 90 psi (620 kPa) air pressure.