



# POWER TOOLS & MACHINE TOOLS

GENERAL CATALOG

BORING



PUNCHING



SCALING



CHAMFERING



GRINDING



FILING



DEBURRING



DOBCO EQUIPMENT LTD. 905-672-5557 sales@dobcoeqp.com www.dobcoeqp.com

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# SCALING

Pneumatic Chipping Hammer

## AIR CHIPPER

*Removes weld splatter quickly and easily*

- Ideal tool for quickly and efficiently removing weld splatter, rust and other debris from most surfaces
- Compact, heavy-duty construction for tough industrial applications
- Easy one-touch chisel installation and removal – NO tools required
- Idle protection system, helps prevent accidental start-up “ACH-16” only

Model **ACH-16** 

Model **CH-24** 



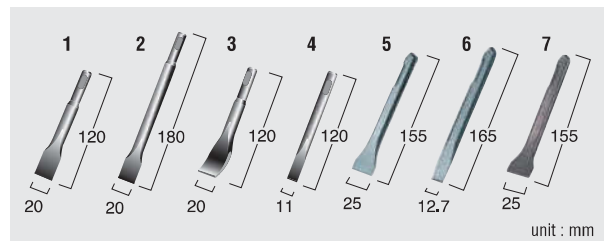
Specifications		ACH-16	CH-24
Model			
Air Pressure	MPa (kgf/cm <sup>2</sup> )		0.6 (6)
Air Consumption (No-load)	m <sup>3</sup> /min	0.15	0.2
Stroke Speed	min <sup>-1</sup>	6000	4000
Shank Size	mm	10.5 Round	12.7 Square
Inlet Size			Rc 3/8
Mass (Weight)	kg	0.9	1.7
Accessories Included		<ul style="list-style-type: none"> <li>• TQ03431 Flat Chisel (Installed)</li> <li>• Bushing R 3/8 x NPT 3/8</li> <li>• Hose Nipple R 3/8 x 3/8</li> </ul>	<ul style="list-style-type: none"> <li>• TP15166 Curved Flat Chisel (Installed)</li> <li>• Bushing R 3/8 x NPT 3/8</li> <li>• Hose Nipple R 3/8 x 3/8</li> </ul>

### Optional Chisels for Air Chipper ACH-16

Ref. No.	PN	Description	Sales Unit
1	TQ03431	Flat Chisel 20 x 120	1 piece
2	TQ03452	Flat Chisel 20 x 180	
3	TQ03453	Curved Flat Chisel 20 x 120	
4	TQ03549	Flat Chisel 11 x 120	

### Optional Chisels for Air Chipper CH-24

Ref. No.	PN	Description	Sales Unit
5	TP15233	Flat Chisel 25 x 155	1 piece
6	TP15234	Straight Flat Chisel 12.7 x 165	
7	TP15166	Curved Flat Chisel 25 x 155	



# SCALING

Air Hammer

## AUTO CHISEL

Model **A-300** 

*A special spool valve inside grip assures excellent durability*

- Designed for speeding up the repair and sheet metal work of automobiles, etc.
- Enables hammering work in narrow spaces
- Durable and powerful action
- Fast and easy chisel change to reduce downtime
- A wide variety of chisels available




### Specifications

Model	A-300	
Air Pressure	MPa (kgf/cm <sup>2</sup> )	0.6 (6)
Air Consumption (No-load)	m <sup>3</sup> /min	0.3
Stroke Speed	min <sup>-1</sup>	2600
Shank Size	mm	10
Inlet Size		Rc 1/4
Mass (Weight)	kg	1.7
Accessories Included	<ul style="list-style-type: none"> <li>• Bushing R 1/4 x NPT 1/4</li> <li>• Hose Nipple R 1/4 x 1/4</li> </ul>	

\*Chisels are not included as standard.

### Optional Chisels

<p>PN : TP00572 <b>Blank Chisel</b> No. 1001</p>  <p>For a variety of sheet metal work, bending, and rivet closing jobs</p>	<p>PN : TP00573 <b>Flat Chisel</b> No. 1002</p>  <p>Puts increased efficiency into scraping, peeling spot welds, and cutting off bolts and pins</p>	<p>PN : TP04606 <b>Sheet Metal Chisel A</b> No. 1003</p>  <p>Cuts shapes in sheet metal fast</p>	<p>PN : TP00575 <b>Sheet Metal Chisel B</b> No. 1004</p>  <p>Just the chisel for cutting off sheet metal body panel</p>
<p>PN : TP00576 <b>Silencer Cutting Chisel</b> No. 1005</p>  <p>A quick cut-off chisel for muffler piping</p>	<p>PN : TP00577 <b>Rubber Bushing Remover</b> No. 1006</p>  <p>Helps you remove idle arm sleeves and bushings in record time</p>	<p>PN : TP00578 <b>Spot Weld Booster</b> No. 1007</p>  <p>Ideal for peeling off spot welded points and cutting off pins</p>	<p>PN : TP00579 <b>Bushing Tool</b> No. 1008</p>  <p>Puts speed and ease into the job of bushing insertion</p>
<p>PN : TP00580 <b>Punch</b> No. 1009</p>  <p>For driving out pins and rivets, and fitting and removing bearings and races</p>	<p>PN : TP00581 <b>Bushing Removing Tool</b> No. 1010</p>  <p>A faster servicing aid in removing bushings</p>	<p>PN : TP00582 <b>Sheet Metal Punch</b> No. 1011</p>  <p>Opens holes for bolts and rivets</p>	<p>PN : TP00583 <b>20 mm Bending Chisel</b> No. 1012</p>  <p>Helps you in peening and removing slag around welds</p>
<p>PN : TP00584 <b>Fork Chisel 24</b> No. 1013</p>  <p>Disconnecting tie rod ends and ball joints</p>	<p>PN : TA90051 <b>Panel Crimper</b> No. 1014</p>  <p>Bending sheet metal: external body plates, doors, fenders, etc.</p>	<p>PN : TP00586 <b>Fork Chisel 35</b> No. 1016</p>  <p>Disconnecting tie rod end ball joints</p>	<p>PN : TP00585 <b>Fork Chisel 15</b> No. 1017</p>  <p>Disconnecting tie rod end ball joints</p>
<p>PN : TP00589 <b>38 mm Scraper</b> No. 1018</p>  <p>Peeling paint &amp; removing rust from iron plate</p>	<p>PN : TP00590 <b>60 mm Scraper</b> No. 1019</p>  <p>Peeling paint &amp; removing rust from iron plate</p>	<p>PN : TP00591 <b>60 mm Concave Scraper</b> No. 1020</p>  <p>Removing incrustation from pipe</p>	<p>PN : TP04995 <b>Sheet Metal Chisel C</b> No. 1023</p>  <p>Cuts shapes in sheet metal fast</p>
<p>PN : TP05244 <b>Molpoint Chisel</b> No. 1024</p>  <p>Breaking-up concrete, removing sand from castings</p>	<p>PN : TP05775 <b>Rivet Removing Punch</b> No. 1025</p>  <p>Removing rivets from brake lining of heavy duty cars</p>	<p>PN : TP05801 <b>Rivet Caulking Chisel</b> No. 1026</p>  <p>Caulking brake lining of heavy duty cars</p>	<p>*An order is available from one piece.</p>

# SCALING

Pneumatic Scaler

## SUPER KELEN

### Industrial and shipboard pneumatic scalers

- Quickly and efficiently removes rust, scale, paint, tar and concrete from most surfaces
- Ideal for industrial, maritime and shipboard cleaning and descaling operations
- Idle protection system, tool will not activate unless contacting work surface
- S-1000 – over 1.3 m in length for extended reach applications and operator convenience
- Tool-less chisel installation and removal

Model **S-250** Non-CE



Model **S-500** Non-CE



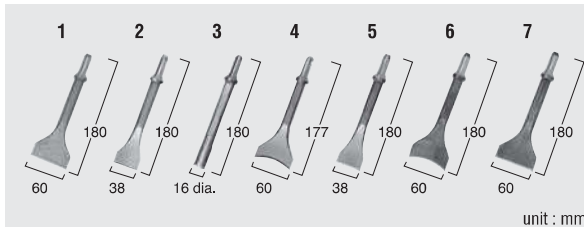
Model **S-1000** Non-CE



Specifications		S-250	S-500	S-1000
Model				
Air Pressure	MPa (kgf/cm <sup>2</sup> )		0,6 (6)	
Air Consumption (No-load)	m <sup>3</sup> /min		0,27	
Stroke Speed	min <sup>-1</sup>		2500	
Shank Size	mm		12,7	
Inlet Size			Rc 1/4	
Mass (Weight)	kg	4,1	4,7	6,1
Accessories Included		• No.2005 38 mm Bend Scraper (Installed) • Hose Lock Nut M16 • Hose Nipple 3/8		



Optional Chisels			
Ref. No.	PN	Description	Sales Unit
1	TP03645	No.2001 60 mm Scraper	1 piece
2	TP03646	No.2002 38 mm Scraper	
3	TP03647	No.2003 Blank Chisel	
4	TP04010	No.2004 60 mm Concave Scraper	
5	TP04552	No.2005 38 mm Bend Scraper	
6	TP04553	No.2006 60 mm Concave Bend Scraper	
7	TP04554	No.2007 60 mm Bend Scraper	



# SCALING

Needle Scaler

## JET CHISEL

### Powerful scaling with multi-needles

- Quickly and efficiently removes weld slag, rust, paint and scale from most surfaces
- Ideal for cleaning and descaling steel, bridgework, castings, brick, stone and many other materials
- Heavy-duty construction for industrial and maritime applications
- Proven superior design features with no internal spring components ensure trouble-free performance (JEX-2800A and JEX-20 have balancing springs)

#### Model JC-16 CE

• Lightweight model



#### Model JEX-24 CE

• Universal model



#### Model JEX-28 CE

• Heavy-duty model



#### Model JEX-2800A CE

• Reduced vibration model



#### Specifications

Model	JC-16	JEX-24	JEX-28	JEX-2800A
Air Pressure MPa (kgf/cm <sup>2</sup> )			0.6 (6)	
Air Consumption (No-load) m <sup>3</sup> /min	0.15	0.27	0.35	0.43
Stroke Speed min <sup>-1</sup>	4000	4000	4500	3700
Inlet Size	Rc 3/8			
Mass (Weight) kg	1.4	2.7	3.5	3.3
Accessories Included	<ul style="list-style-type: none"> <li>• 29 pieces of 2 mm x 150 mm Needles (Installed)</li> <li>• 29 pieces of 2 mm x 150 mm Needles</li> <li>• Bushing R 3/8 x NPT 3/8</li> <li>• Hose Nipple R 3/8 x 3/8</li> </ul>	<ul style="list-style-type: none"> <li>• 23 pieces of 3 mm x 180 mm Needles (Installed)</li> <li>• 6 mm Hex. Socket Screw/Key</li> <li>• Bushing R 3/8 x NPT 3/8</li> <li>• Hose Nipple R 3/8 x 3/8</li> </ul>	<ul style="list-style-type: none"> <li>• 28 pieces of 3 mm x 180 mm Needles (Installed)</li> <li>• 14 pieces of 4 mm x 180 mm Needles</li> <li>• Needle supporter 4 mm</li> <li>• 6 mm Hex. Socket Screw Key</li> <li>• Bushing R 3/8 x NPT 3/8</li> <li>• Hose Nipple R 3/8 x 3/8</li> </ul>	<ul style="list-style-type: none"> <li>• 28 pieces of 3 mm x 180 mm Needles (Installed)</li> <li>• 14 pieces of 4 mm x 180 mm Needles</li> <li>• Needle supporter 4 mm</li> <li>• Bushing R 3/8 x NPT 3/8</li> <li>• Hose Nipple R 3/8 x 3/8</li> </ul>

#### Model AJC-16 CE

• Slim model



#### Model JT-20 CE

• Medium duty model



#### Model JEX-20 CE

• Reduced vibration model



#### Specifications

Model	AJC-16	JT-20	JEX-20
Air Pressure MPa (kgf/cm <sup>2</sup> )		0.6 (6)	
Air Consumption (No-load) m <sup>3</sup> /min	0.07	0.2	0.2
Stroke Speed min <sup>-1</sup>	6000	4000	4000
Inlet Size	Rc 3/8		
Mass (Weight) kg	0.98	2.4	2.75
Accessories Included	<ul style="list-style-type: none"> <li>• 3 pieces of 3 mm x 180 mm Needles (Installed)</li> <li>• 3 pieces of 3 mm x 180 mm Needles</li> <li>• Bushing R 3/8 x NPT 3/8</li> <li>• Hose Nipple R 3/8 x 3/8</li> </ul>	<ul style="list-style-type: none"> <li>• 12 pieces of 3 mm x 180 mm Needles (Installed)</li> <li>• 12 pieces of 3 mm x 180 mm Needles</li> <li>• Bushing R 3/8 x NPT 3/8</li> <li>• Hose Nipple R 3/8 x 3/8</li> </ul>	<ul style="list-style-type: none"> <li>• 12 pieces of 3 mm x 180 mm Needles (Installed)</li> <li>• 12 pieces of 3 mm x 180 mm Needles</li> <li>• Bushing R 3/8 x NPT 3/8</li> <li>• Hose Nipple R 3/8 x 3/8</li> </ul>



# SCALING

Electric Needle Scaler

## JET CHISEL

Model **EJC-32A**



### Powerful 300 watt double insulated motor

- Extended length, slim barrel design
- Adjustable front handle for operator comfort and convenience

#### Specifications

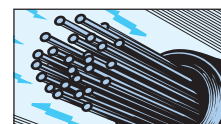
Model	EJC-32A	
Power Source (Single Phase)	110 - 120 V AC, 50/60 Hz	220 - 240 V AC, 50/60 Hz
Rated Power Consumption	W 300	
Rated Current	A 2.8	1.4
Duty Cycle	min 30	
Stroke Speed	min <sup>-1</sup> 3000	
Power Cord Length	m 5	
Mass (Weight)	kg 4.5	

110 - 120 V Non-CE  
220 - 240 V [C] [E]



### Shot Peening Effect

Reinforcement of a welded part with the shot peening effect increases strength by imparting residual stress to the surface of the workpiece through the high speed impact of the needles. Highly suitable for effective reinforcement of deteriorated welded parts.



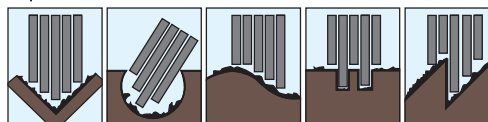
### Full Automatic System - Excludes EJC-32A

The only unit of its kind on the market without springs. This means no springs to break...no irregular power... and the advantage of low air consumption.



### Self-Adjusting Needles

Jet Chisel needles automatically adjust to any surface contour. They get deep into corners, reach into uneven surfaces, and conform to all types of shapes, making it a tool no shop should be without.



Combination of Needle and Needle Supporter		Model							
		JC-16	JEX-24	JEX-28	JEX-2800A	AJC-16	JT-20	JEX-20	EJC-32A
2 mm	Number of Needles Required	29 pcs.	53 pcs.	66 pcs.	66 pcs.	7 pcs.	29 pcs.	29 pcs.	32 pcs.
	Needle Supporter PN	TP00290	TP02244	TP01499	TP01499	TQ05210	TP00338	TP00338	TP16475
3 mm	Number of Needles Required	-	23 pcs.	28 pcs.	28 pcs.	3 pcs.	12 pcs.	12 pcs.	15 pcs.
	Needle Supporter PN	-	TP02245	TP01461	TP01461	TQ04554	TP00337	TP00337	TP16301
4 mm	Number of Needles Required	-	-	14 pcs.	14 pcs.	-	-	-	-
	Needle Supporter PN	-	-	TP01462	TP01462	-	-	-	-

Needle				Model							
Diameter	Length	PN	Sales Unit	JC-16	JEX-24	JEX-28	JEX-2800A	AJC-16	JT-20	JEX-20	EJC-32A
2 mm	150 mm	TA98780	100 pcs./set	●	●	●	●	●	●	●	●
	180 mm	TA98781	100 pcs./set	●	●	●	●	●	●	●	●
	300 mm	TA9A213	50 pcs./set	●	●	●	●	●	●	●	●
	500 mm	TA9A214	50 pcs./set	●	●	●	●	●	●	●	●
3 mm	180 mm	TA98782	100 pcs./set		●	●	●	●	●	●	●
	300 mm	TA9A216	50 pcs./set		●	●	●	●	●	●	●
	500 mm	TA9A217	50 pcs./set		●	●	●	●	●	●	●
	800 mm	TA9A218	50 pcs./set		●	●	●	●	●	●	●
4 mm	180 mm	TA98783	50 pcs./set			●	●				
	300 mm	TA9A220	50 pcs./set			●	●				
	500 mm	TA9A221	50 pcs./set			●	●				



### Optional Needles

Premium Nitto Kohki needles out-perform competitors' needles ensuring optimal performance and trouble-free operation.