

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** 
• Lightweight model



Model **JEX-24** 
• Universal model



Model **JEX-28** 
• Heavy-duty model



Model **JEX-2800A** 
• Reduced vibration model

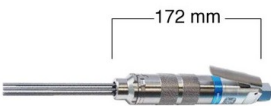


Specifications				
Model	JC-16	JEX-24	JEX-28	JEX-2800A
Air Pressure	MPa (kgf/cm ²)	0.6 (6)		
Air Consumption (No-load)	m ³ /min	0.15	0.27	0.35
Strokes per Minute	min ⁻¹	4000	4000	4500
Inlet Size	Rc 3/8			
Mass (Weight)	kg	1.4	2.7	3.5
Accessories Included	• 29 pieces of 2 mm x 150 mm Needles (Installed) • 29 pieces of 2 mm x 150 mm Needles • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8	• 23 pieces of 3 mm x 180 mm Needles (Installed) • 6 mm Hex. Socket Screw Key • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8	• 28 pieces of 3 mm x 180 mm Needles (Installed) • 14 pieces of 4 mm x 180 mm Needles • Needle supporter 4 mm • 6 mm Hex. Socket Screw Key • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8	• 28 pieces of 3 mm x 180 mm Needles (Installed) • 14 pieces of 4 mm x 180 mm Needles • Needle supporter 4 mm • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8

Model **AJC-16** 
• Slim model



Model **JT-16** 
• Small and lightweight model



Model **JT-20** 
• Medium duty model



Model **JEX-20** 
• Reduced vibration model



Specifications				
Model	AJC-16	JT-16	JT-20	JEX-20
Air Pressure	MPa (kgf/cm ²)	0.6 (6)		
Air Consumption (No-load)	m ³ /min	0.07	0.16	0.2
Strokes per Minute	min ⁻¹	6000	6000	4000
Inlet Size	Rc 3/8			
Mass (Weight)	kg	0.98	0.8	2.4
Accessories Included	• 3 pieces of 3 mm x 180 mm Needles (Installed) • 3 pieces of 3 mm x 180 mm Needles • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8	• 6 pieces of 3 mm x 180 mm Needles (Installed) • 6 pieces of 3 mm x 180 mm Needles • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8	• 12 pieces of 3 mm x 180 mm Needles (Installed) • 12 pieces of 3 mm x 180 mm Needles • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8	• 12 pieces of 3 mm x 180 mm Needles (Installed) • 12 pieces of 3 mm x 180 mm Needles • Bushing R 3/8 x NPT 3/8 • Hose Nipple R 3/8 x 3/8

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

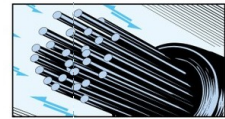
Specifications

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
Strokes per Minute	min ⁻¹	3000
Power Cord Length	m	5
Mass (Weight)	kg	4.5



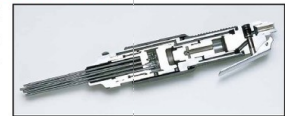
Shot Peening Effect

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.



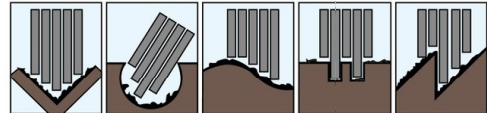
Full Automatic System - Excludes EJC-32A

The only unit of it's 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-16	JT-20	JEX-20	EJC-32A
2 mm	Number of Needles Required	29 pcs.	53 pcs.	66 pcs.	66 pcs.	7 pcs.	15 pcs.	29 pcs.	29 pcs.	32 pcs.
	Needle Supporter PN	TP00290	TP02244	TP01499	TP01499	TQ05210	TQ15316	TP00338	TP00338	TP16475
3 mm	Number of Needles Required	-	23 pcs.	28 pcs.	28 pcs.	3 pcs.	6 pcs.	12 pcs.	12 pcs.	15 pcs.
	Needle Supporter PN	-	TP02245	TP01461	TP01461	TQ04554	TQ15315	TP00337	TP00337	TP16301
4 mm	Number of Needles Required	-	-	14 pcs.	14 pcs.	-	-	-	-	-
	Needle Supporter PN	-	-	TP01462	TP01462	-	-	-	-	-

Material	Needle		PN	Sales Unit	Model								
	Diameter	Length			JC-16	JEX-24	JEX-28	JEX-2800A	AJC-16	JT-16	JT-20	JEX-20	EJC-32A
Steel	2 mm	150 mm	TA98730	100 pcs./set	●	●	●	●	●	●	●	●	●
		180 mm	TA98731	100 pcs./set	●	●	●	●	●	●	●	●	
		300 mm	TA9A213	50 pcs./set	●	●	●	●	●	●	●	●	
		500 mm	TA9A214	50 pcs./set	●	●	●	●	●	●	●	●	
	3 mm	180 mm	TA98732	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	TA98733	50 pcs./set			●	●					
		300 mm	TA9A220	50 pcs./set			●	●					
		500 mm	TA9A221	50 pcs./set			●	●					
	Stainless Steel	2 mm	180 mm	TB10878	30 pcs./set	●	●	●	●	●	●	●	●
3 mm		180 mm	TB10877	30 pcs./set		●	●	●	●	●	●	●	



Optional Needles

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