

PERCUSSIVE



WARNING

PREVENT WHEEL SEPARATION

RECOMMENDED TIGHTENING TORQUE FOR DISC WHEEL MOUNTING NUTS IS 480-500 LB-FT. APPLIES TO BALL BEAR AND HUB-PILOT MOUNTING SYSTEMS WITH 34-HR OR M12 X 1.6 STUDS FOR ALUMINUM AND STEEL WHEELS. CHECK NUTS FREQUENTLY (68-100 MILES AFTER INITIAL IN-SERVICE DATE AND AT INTERVALS NOT TO EXCEED 25,000 MILES) AND TIGHTEN TO MAINTAIN RECOMMENDED TORQUE.

FAILURE TO HEED THIS WARNING CAN RESULT IN PROPERTY DAMAGE, SERIOUS INJURY OR DEATH.

Index	
Scalers	73 – 74
Hammers	74
Percussive Accessories	75 – 76

PERCUSSIVE

Hammering Home A Point

Percussive tools, such as hammers, chippers and scalers are commonly used in very abusive environments found in industries such as foundry and construction. Sioux Tools offers a variety of sizes, capacities and accessories built durable to ensure long life under tough operating conditions. We build them to work hard on the job, but not on you!

Industrial Tools

Sioux offers powerful hammers that deliver up to 2,500 blows per minute (bpm), with steel rivet capacities of 5/32" (4 mm) to 1/4" (6.4 mm) and stroke lengths from 2" (50 mm) to 4" (100 mm).

Percussive Safety

Never operate a hammer without proper retainer in place. Always disconnect air line before changing chisels. Face and eye protection must be worn while operating tools. All chisels, rivet sets and other accessories should be checked for cracks, excessive wear, or other physical damage before each use. Accessories that show damage should be replaced immediately.



SQUARE SHANK SCALERS

SC41011AL-C



SC41011AU-N5



Performance:

Stroke: 1.1" (28 mm)
 Bore: 1" (25 mm)
 Blows per Minute: 4,600

Features:

Lever and Push/Pull Start
 Quick Release Retainer
 Adjustable Needle Length

SC4 series scalers accept notched, square shank chisels and accessories. Each can be quickly converted between chisel and needle styles.



Square Shank



Square Shank Scalers

Model Number	Stroke Length		Bore Diameter		Blows per Minute	Weight		Length		Side To Center		Air Consumption	
	in	mm	in	mm		lb	kg	in	mm	in	mm	scfm	l/s
Chisel Scaler – Lever Throttle													
SC41011AL-C	1.1	28	1.0	25	4600	4.6	2.1	10.5	263	0.9	23	12	6
Chisel Scaler – Push/Pull Throttle													
SC41011AU-C	1.1	28	1.0	25	4600	4.6	2.1	12.0	300	0.9	23	12	6
Needle Scaler – Lever Throttle													
SC41011AL-N5	1.1	28	1.0	25	4600	6.3	2.9	15.3	383	1.0	25	12	6
Needle Scaler – Push/Pull Throttle													
SC41011AU-N5	1.1	28	1.0	25	4600	6.3	2.9	16.8	420	1.0	25	12	6

General: Air Inlet Size: 1/4" NPT • Recommended Hose Size: 3/8" (10 mm) • Performance rated @ 90 psig (6.2 bar) air pressure
Standard Equipment: Parts List • Safety and Instruction Manual • 7" flat chisel (chisel scalers) • 5" scaler needles (needle scalers)
Accessories: Scaler Accessories, see pages 75 – 76

OCTAGON SHANK SCALERS

SC80910AL-C



SC80910AL-N5



Performance:

Stroke: 1" (25 mm)
 Bore: 15/16" (23 mm)
 Blows per Minute: 4,300

Features:

Lever Throttle
 Quick Release Retainer
 Adjustable Needle Length

SC8 series scalers accept notched, octagon shank chisels and accessories. Each can be quickly converted between chisel and needle styles.



Octagon Shank



Octagon Shank Scalers

Model Number	Stroke Length		Bore Diameter		Blows per Minute	Weight		Length		Side To Center		Air Consumption	
	in	mm	in	mm		lb	kg	in	mm	in	mm	scfm	l/s
Chisel Scaler – Octagon Shank – Lever Throttle													
SC80910AL-C	1.0	25	15/16	23	4300	4.0	1.7	15	375	0.8	20	12	6
Needle Scaler – Octagon Shank – Lever Throttle													
SC80910AL-N5	1.0	25	15/16	23	4300	6.2	2.7	17	425	0.9	23	12	6

General: Air Inlet Size: 1/4" NPT • Recommended Hose Size: 3/8" (10 mm) • Performance rated @ 90 psig (6.2 bar) air pressure
Standard Equipment: Parts List • Safety and Instruction Manual • 7" flat chisel (chisel scalers) • 5" scaler needles (needle scalers)
Accessories: Scaler Accessories, see pages 75 – 76



SAFETY PRECAUTION: Read and follow all safety and operating instructions.
WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1

SCALER KITS

SC4 Scaler Kit

Part No. SC41011AL-K

- SC4 Lever Needle Scaler
- Additional Set of Needles
- 3/4" x 7" Flat Chisel
- 1-3/8" x 7" Flat Chisel
- 1-3/8" x 7" Spoon Chisel
- Custom Carrying Case



SC8 Scaler Kit

Part No. SC80910AL-K

- SC8 Needle Scaler
- Additional Set of Needles
- 3/4" x 7" Flat Chisel
- 1-3/8" x 7" Flat Chisel
- 1-3/8" x 7" Spoon Chisel
- Custom Carrying Case



HAMMERS

Performance:

Rivet Capacity: 5/32" (4.0 mm) – 1/4" (6.4 mm)
 Stroke: 2" (50 mm) – 4" (100 mm)
 Bore: 9/16" (14.3 mm)

Features:

Pistol Grip
 Teasing Throttle Trigger Start
 Accepts .401 Parker Taper Rivet Sets and Chisels



Hammers

Model Number	Steel Rivet Capacity		Stroke Length		Bore Diameter		Blows per Minute	Weight		Length		Side To Center		Air Consumption	
	in	mm	in	mm	in	mm		lb	kg	in	mm	in	mm	scfm	l/s
270A-2	5/32	4.0	2.0	50	9/16	14.3	2500	3.0	1.4	5.8	147	1.1	28	8	4
270A	3/16	4.8	3.0	75	9/16	14.3	2000	3.2	1.5	6.8	173	1.1	28	8	4
270A-4	1/4	6.4	4.0	100	9/16	14.3	1700	3.5	1.6	7.8	198	1.1	28	8	4

General: Air Inlet Size: 1/4" NPT • Recommended Hose Size: 3/8" (10 mm) • Performance rated @ 90 psig (6.2 bar) air pressure

Standard Equipment: Parts List • Safety and Instruction Manual • Beehive Retainer

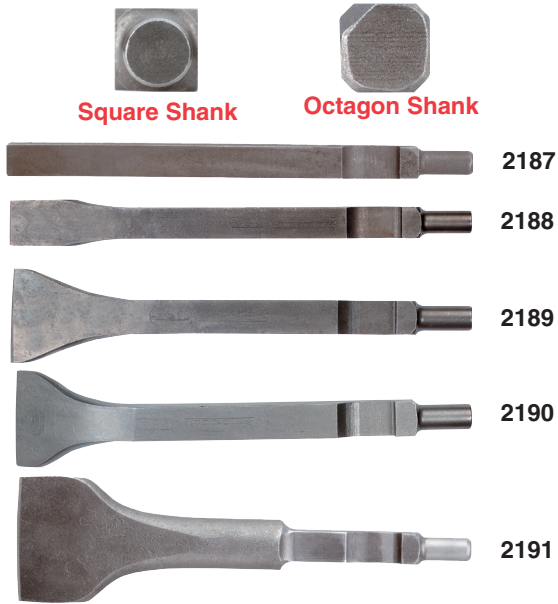
Accessories: Hammer Accessories, see pages 75 – 76



SAFETY PRECAUTION: Read and follow all safety and operating instructions.

WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1

Scaler Accessories



SC4 Chisels	SC8 Chisels	Description	Length		Width	
			in	mm	in	mm
2187	2287	Hardened Blank	7	175	5/8	16
2188	2288	Flat Chisel	7	175	3/4	19
2189	2289	Flat Chisel	7	175	1-3/8	35
2190	2290	Spoon Chisel	7	175	1-3/8	35
2191	2291	Flat Chisel	7	175	2	50
2192	2292	Flat Chisel	12	300	5/8	16
2193	2293	Flat Chisel	12	300	1-3/8	35
2194	2294	Spoon Chisel	12	300	1-3/8	35
2195	2295	Flat Chisel	12	300	2	50
2196	2296	Flat Chisel	18	450	5/8	16
2197	2297	Flat Chisel	18	450	1-3/8	35
2198	2298	Spoon Chisel	18	450	1-3/8	35
2199	2299B	Flat Chisel	18	450	2	50

270 Rivet Sets

.401 Parker Taper Shank



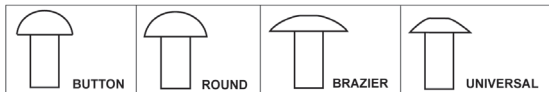
Rivet Head Cupping	Rivet Diameter Size				
	3/32" Part No	1/8" Part No	5/32" Part No	3/16" Part No	1/4" Part No
Button Head	N/A	2229	2230B	2231	2244*
Round Head	2232	2233	2234B	2235	2245*
Brazier Head	2236	2237B	2238	2239	2246*
Universal Head	2240	2241B	2242B	2243B*	2247*

3-1/2" (90 mm) overall length

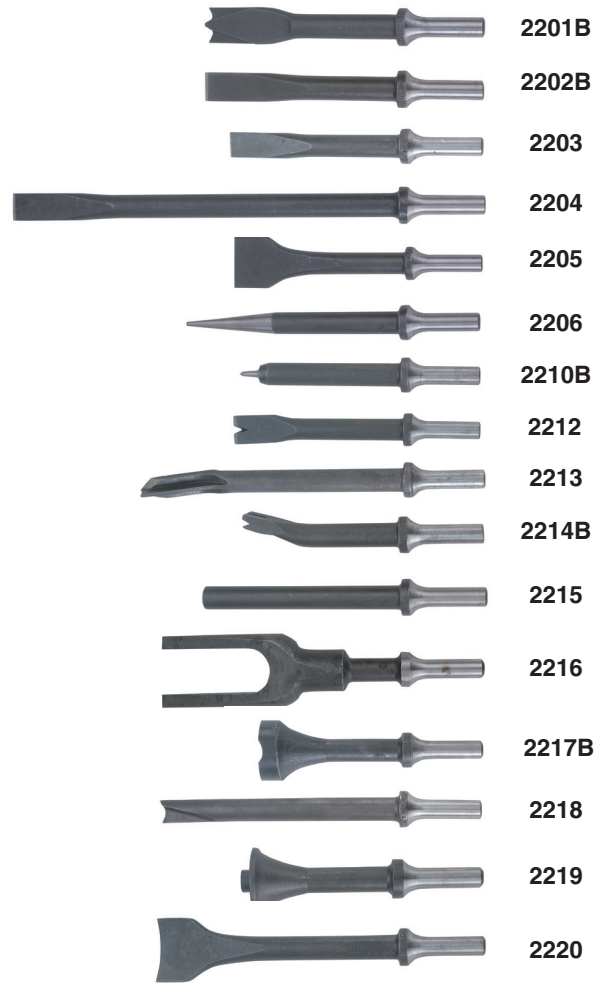
* Use 2208 Retainer

Rivet Set Profiles

Standard Rivet Head Profiles



270A Hammer Accessories



270A Chisels	Description	Width		Length	
		in	mm	in	mm
2201B*	Cutter	5/8	16	6	150
2202B	Chisel	5/8	16	6	150
2203	Rivet Buster	5/8	16	5-1/2	140
2204	Expansion Chisel	5/8	16	11	280
2205*	Scraper	1-1/4	30	6	150
2206	Punch			7	175
2210B	Punch			5	127
2212	Spot Weld Breaker			6	150
2213	Splitter			8	200
2214B	Edging Chisel			5	140
2215	Blank Chisel			6	150
2216*	Fork Chisel			6-7/8	175
2217B*	Rust Breaker			5-1/4	135
2218	Bushing Cutter			7	175
2219*	Bushing Driver			4-1/2	115
2220*	Bushing Chisel	1-5/8	40	7	175

* Use 2208 Retainer



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Scaling Needles



Part Number	Diameter	Length	Quantity	Used On
2260B	0.12"	5"	19	SC4, SC8 Scalers
2262	0.12"	7"	19	SC4, SC8 Scalers

Beehive Spring Retainers



2207



2208

Part Number	Description
2207	Chisel Retainer Spring (Use with all except those listed below)
2208	Must use 2208 with 2201B, 2205, 2216, 2217B, and 2219, 2220, 2239, 2244, 2245, 2246, 2247

Hammer Chuck



2270

Part Number	Description	For Use ON
2270	Quick change air hammer chuck	270A