

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).

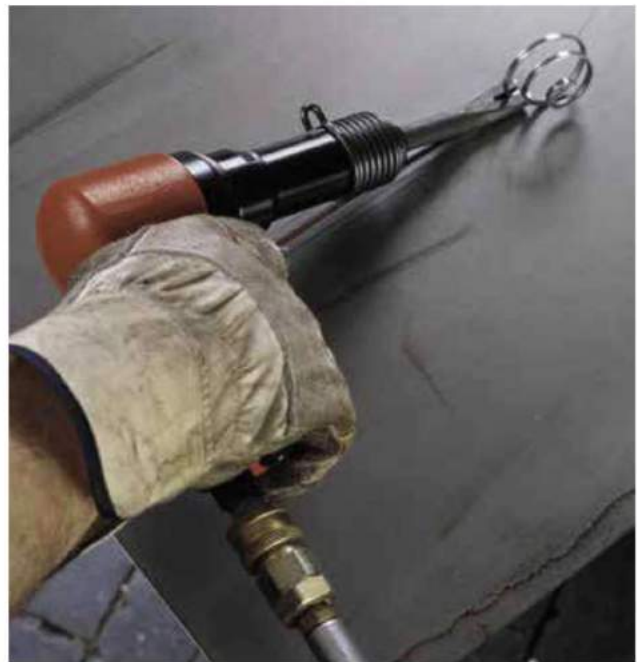
PERCUSSIVE SAFETY

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.



POWER TOOLS

PERCUSSIVE





SC41011AL-C



SC41011AU-N5

PERFORMANCE:

Stroke: 1.1" (28 mm)
Bore: 1" (25 mm)
Blows per Minute: 4600

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	cfm	l/s
Chisel Scaler - Lever Throttle													
SC41011AL-C	1.1	28	1	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	25	4600	4.6	2.1	12	300	0.9	23	12	6
Needle Scaler - Lever Throttle													
SC41011AL-N5	1.1	28	1	25	4600	6.3	2.9	15.3	383	1	25	12	6
Needle Scaler - Push/Pull Throttle													
SC41011AU-N5	1.1	28	1	25	4600	6.3	2.9	16.8	420	1	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 712-714



SC80910AL-C



SC80910AL-N5

PERFORMANCE:

Stroke: 1" (25 mm)
Bore: 15/16" (23 mm)
Blows per Minute: 4300

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	cfm	l/s
Chisel Scaler - Octagon Shank - Lever Throttle													
SC80910AL-C	1	25	15/16	23	4300	4	1.7	15	375	0.8	20	12	6
Needle Scaler - Octagon Shank - Lever Throttle													
SC80910AL-N5	1	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 712-714

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





PERFORMANCE:

Stroke: 13/16" (21 mm)
Bore: 1" (25 mm)
Blows per Minute: 4000 – 5200

FEATURES:

Removable Side Handle (SC3 series)
Lever Operated Handle
Rugged Steel Body



PISTON SCALERS

Model Number	Stroke Length		Bore Diameter		Blows per Minute	Weight		Length		Side to Center		Air Consumption Free Speed		Piston Type
	in	mm	in	mm		lb	kg	in	mm	in	mm	cfm	l/s	
Triple Piston Scaler														
SC3PA	13/16	21	1	25	5200	8.3	3.8	11	280	7/8	22	15	7	Steel
SC3PA-C	13/16	21	1	25	5200	8.3	3.8	11	280	7/8	22	15	7	Carbide Tipped

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

Accessories: Scaler Accessories, see pages 712-714

REPLACEMENT PISTONS

Part Number	Description
2387	Standard Steel Piston
2388	Standard Steel Piston (2" Longer Than Standard)
2390	Carbide Tipped Piston (Star Point)
2391	Solid Carbide Piston (Chisel Point)

PERFORMANCE:

Rivet Capacity: 5/32" (4.0 mm) – 1/4" (6.4 mm)
Stroke: 2" (50 mm) – 4" (100 mm)
Bore: 0.6" (15 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	cfm	l/s
270A-2	5/32	4	2	50	0.6	15	2500	3	1.4	5.8	147	1.1	28	8	4
270A	3/16	4.8	3	75	0.6	15	2000	3.2	1.5	6.8	173	1.1	28	8	4
270A-4	1/4	6.4	4	100	0.6	15	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 712-714

PERFORMANCE:

Stroke: 2" (50 mm) – 4" (100 mm)
Bore: 1-1/8" (29 mm)

FEATURES:

Round Front End Bushing
or Hex Front End Bushing



FOUR BOLT CHIPPING HAMMERS

Model Number	Bore		Stroke		Blows per Minute	Weight		Length		Side To Center		Air Consumption	
	in	mm	in	mm		lb	kg	in	mm	in	mm	cfm	l/s
Four Bolt Chipping Hammer – Round Front End Bushing													
CH42A-R	1 1/8	29	2	50	2100	18	8	16	405	1 3/8	41	33	15.6
CH43A-R	1 1/8	29	3	75	1650	19	8.6	17	430	1 3/8	41	34	16
CH44A-R	1 1/8	29	4	100	1375	20	9	18	455	1 3/8	41	35	16.5
Four Bolt Chipping Hammer – Hex Front End Bushing													
CH42A-H	1 1/8	29	2	50	2100	18	8	16	405	1 3/8	41	33	15.6
CH43A-H	1 1/8	29	3	75	1650	19	8.6	17	430	1 3/8	41	34	16
CH44A-H	1 1/8	29	4	100	1375	20	9	18	455	1 3/8	41	35	16.5

General: Air Inlet Size: 7/8"-24 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

Accessories: Four Bolt Chipper Accessories, see pages 712-714



FOUR BOLT CHIPPER ACCESSORIES

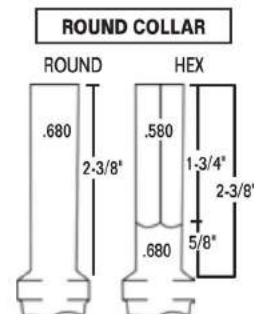
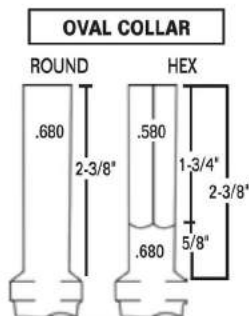


Part Number	For Use On
2476-8	Blank, 8", Oval Collar, Rd Shank
2477-8	Blank, 8", Oval Collar, Hex Shank
2478-8	Blank, 8", Rd Collar, Rd Shank
2479-8	Blank, 8", Rd Collar, Hex Shank
2476-11B	Blank, 11", Oval Collar, Rd Shank
2477-11	Blank, 11", Oval Collar, Hex Shank
2478-11	Blank, 11", RD Collar, Rd Shank
2479-11	Blank, 11", Rd Collar, Hex Shank
2480-9	Chisel, 9", Oval Collar, Rd Shank
2481-9	Chisel, 9", Oval Collar, Hex Shank
2482-9	Chisel, 9", Rd Collar, Rd Shank
2483-9	Chisel, 9", Rd Collar, Hex Shank
2480-12	Chisel, 12", Oval Collar, Rd Shank
2481-12	Chisel, 12", Oval Collar, Hex Shank
2482-12	Chisel, 12", Rd Collar, Rd Shank
2483-12	Chisel, 12", Rd Collar, Hex Shank
2480-18	Chisel, 18", Oval Collar, Rd Shank
2481-18	Chisel, 18", Oval Collar, Hex Shank
2482-18	Chisel, 18", Rd Collar, Rd Shank
2483-18	Chisel, 18", Rd Collar, Hex Shank
2480-24	Chisel, 24", Oval Collar, Rd Shank
2481-24	Chisel, 24", Oval Collar, Hex Shank
2484-9	Moil Point, 9", Oval Collar, Rd Shank
2485-9B	Moil Point, 9", Oval Collar, Hex Shank
2486-9	Moil Point, 9", Rd Collar, Rd Shank
2487-9	Moil Point, 9", Rd Collar, Hex Shank
2484-12	Moil Point, 12", Oval Collar, Rd Shank
2485-12	Moil Point, 12", Oval Collar, Hex Shank
2486-12	Moil Point, 12", Rd Collar, Rd Shank
2487-12	Moil Point, 12", Rd Collar, Hex Shank
2484-18	Moil Point, 18", Oval Collar, Rd Shank
2485-18	Moil Point, 18", Oval Collar, Hex Shank
2486-18	Moil Point, 18", Rd Collar, Rd Shank
2487-18	Moil Point, 18", Rd Collar, Hex Shank
2484-24B	Moil Point, 24", Oval Collar, Rd Shank
2485-24	Moil Point, 24", Oval Collar, Hex Shank
2486-24	Moil Point, 24", Rd Collar, Rd Shank

FOUR BOLT CHIPPER ACCESSORIES



Part Number	For Use On
2488-9	Chisel, 1 1/2" x 9", Oval Collar, Rd Shank
2489-9	Chisel, 1 1/2" x 9", Oval Collar, Hex Shank
2490-9	Chisel, 1 1/2" x 9", Rd Collar, Rd Shank
2491-9	Chisel, 1 1/2" x 9", Rd Collar, Hex Shank
2488-12	Chisel, 1 1/2" x 12", Oval Collar, Rd Shank
2489-12	Chisel, 1 1/2" x 12", Oval Collar, Hex Shank
2490-12	Chisel, 1 1/2" x 12", Rd Collar, Rd Shank
2491-12	Chisel, 1 1/2" x 12", Rd Collar, Hex Shank
2488-18	Chisel, 1 1/2" x 18", Oval Collar, Rd Shank
2489-18	Chisel, 1 1/2" x 18", Oval Collar, Hex Shank
2490-18	Chisel, 1 1/2" x 18", Rd Collar, Rd Shank
2491-18	Chisel, 1 1/2" x 18", Rd Collar, Hex Shank
2492-9	Chisel, 2" x 9", Oval Collar, Rd Shank
2493-9	Chisel, 2" x 9", Oval Collar, Hex Shank
2494-9	Chisel, 2" x 9", Rd Collar, Rd Shank
2495-9B	Chisel, 2" x 9", Rd Collar, Hex Shank
2492-12	Chisel, 2" x 12", Oval Collar, Rd Shank
2493-12	Chisel, 2" x 12", Oval Collar, Hex Shank
2494-12	Chisel, 2" x 12", Rd Collar, Rd Shank
2495-12	Chisel, 2" x 12", Rd Collar, Hex Shank
2492-18	Chisel, 2" x 18", Oval Collar, Rd Shank
2493-18	Chisel, 2" x 18", Oval Collar, Hex Shank
2494-18	Chisel, 2" x 18", Rd Collar, Rd Shank
2495-18	Chisel, 2" x 18", Rd Collar, Hex Shank
2496-9	Bushing Tool, Oval Collar, Rd Shank
2497-9	Bushing Tool, Oval Collar, Hex Shank
2498-9	Bushing Tool, Rd Collar, Rd Shank
2499-9	Bushing Tool, Rd Collar, Hex Shank
2470	Quick Change Retainer





SCALER ACCESSORIES



Square Shank



Octagon Shank



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

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

HAMMER ACCESSORIES



SC4 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
2217B	Rust Breaker			5 1/4	135
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
2218	Bushing Cutter			7	175
2219	Bushing Driver			4 1/2	115
2220	Bushing Chisel	1 5/8	40	7	175

SCALING NEEDLES

Part Number	Diameter	Length	Quantity	Used On
				2260
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
2208	Special Spring, use in place of 2207 with 2201, 2205, 2716, 2217, 2219 and 2220 Must use 2208 with 2239, 2244, 2245, 2246 and 2247

270 RIVET SETS

.401 Parker Taper Shank



2238

Rivet Head Cupping	Rivet Diameter Size				
	3/32"	1/8"	3/32"	3/16"	1/4"
	Part No	Part No	Part No	Part No	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

RIVET SET PROFILES

