



Professional Vibration-Reduction Air Hammer



1 Patented Exhaust Way Switch Structure allows operator to change to front or rear exhaust direction.

4 Patented Vibration-Damped Valve reduced hand occupational injury

2 Patented rubber sleeve provides better safety during the change of chisels



3 Patented integrated quick change retainer allows operator quickly change the chisel and extends tool's life

5 Covered rubber grip provides better user comforts

NEW

Front and Rear switchable Exhaust

- ST-2247S/H (Hex) 190mm 3,000 bpm
- ST-2247S/R (Round) 190mm 3,000 bpm
- ST-2248S/H (Hex) 250mm 2,200 bpm
- ST-2248S/R (Round) 250mm 2,200 bpm



Rear Exhaust

- ST-2247/H (Hex) 190mm 3,000 bpm
- ST-2247/R (Round) 190mm 3,000 bpm
- ST-2248/H (Hex) 250mm 2,200 bpm
- ST-2248/R (Round) 250mm 2,200 bpm



NEW

- ST-2247QCS/H (Hex) 190mm 3,000 bpm
 - ST-2247QCS/R (Round) 190mm 3,000 bpm
 - ST-2248QCS/H (Hex) 250mm 2,200 bpm
 - ST-2248QCS/R (Round) 250mm 2,200 bpm
- Vibration-Damped Air Hammer with Integrated Quick Change Retainer



- ST-2247QC/H (Hex) 190mm 3,000 bpm
 - ST-2247QC/R (Round) 190mm 3,000 bpm
 - ST-2248QC/H (Hex) 250mm 2,200 bpm
 - ST-2248QC/R (Round) 250mm 2,200 bpm
- Vibration-Damped Air Hammer with Integrated Quick Change Retainer



- ST-M5080/H (Hex)
 - ST-M5080/R (Round)
- 190mm Heavy Duty Air Hammer w/ 4pc 5" Chisels (3,000 b.p.m)



- ST-M5081/H (Hex)
 - ST-M5081/R (Round)
- 250mm Heavy Duty Air Hammer w/ 4pc 5" Chisels (2,100 b.p.m)

Spring Retainer

NEW

ST-2001	ST-2006	2215-RS	ST-2002	ST-20021	ST-20022
Universal	Two Plies	Reinforced Piano Wire	Quick Change	Quick Change Retainer	Quick Change Retainer

Specification:

★ Recommend Air Pressure: 6.2 bar (90psi)

Model No.	Chisel Shank (inch)	Bore Diameter (I.D.)		Piston Stroke Length		Blow Per Min (b.p.m.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
		inch	mm	inch	mm		in	mm			cfm	l/min	lbs	kgs	
ST-2247(QC)S/H	Hex: 10/11mm	3/4	19	2-1/2	63	3,000	7.09	180	1/4"	3/8"	14	396	3.7	1.7	10Pcs/Ctn/18/0.8'
ST-2247(QC)S/R	Round: 0.401"						(QC) 8.9	227							
ST-2248(QC)S/H	Hex: 10/11mm	3/4	19	3-12	89	2,200	8.8	224	1/4"	3/8"	14	396	4.4	2.0	10Pcs/Ctn/21/1'
ST-2248(QC)S/R	Round: 0.401"						(QC) 8.6	243							
ST-2247(QC)/H	Hex: 10/11mm	3/4	19	2-3/4	70	3,000	7.09	180	1/4"	3/8"	14	396	3.7	1.7	10Pcs/Ctn/18/0.8'
ST-2247(QC)/R	Round: 0.401"						(QC) 9.06	230							
ST-2248(QC)/H	Hex: 10/11mm	3/4	19	3-3/4	95	2,200	8.86	225	1/4"	3/8"	14	396	4.4	2.0	10Pcs/Ctn/21/1'
ST-2248(QC)/R	Round: 0.401"						(QC) 10.63	270							
ST-M5080/H(R)	Hex: 10/11mm	3/4	19	2-5/16	58	3,000	8.1	206	1/4"	3/8"	14	396	3.96	1.8	10Pcs/Ctn/20/1.2'
ST-M5081/H(R)	Round: 0.401"			3	76		2,100	9.25					235	5.06	2.3

Professional Air Hammer



ST-M3008/H (Hex)
ST-M3008/R (Round)
 150mm Air Hammer
 W/4pc 5"(125mm) chisels
 4,300 b.p.m



ST-M3009/H (Hex)
ST-M3009/R (Round)
 190mm Air Hammer
 W/4pc 5"(125mm) chisels
 3,200 b.p.m



Chisel



ST-M3009K/H (Hex)
ST-M3009K/R (Round)
 10pcs 190mm Air Hammer Kit
 Contents:
 1- 190mm Air Hammer
 5- 7" Chisels
 1- Spring Retainer
 1- Nipple
 1- Oil pot
 1- Blow Mold Case



ST-2211/H (Hex)
ST-2211/R (Round)
 150mm Air Hammer
 4,500 b.p.m



ST-2212/H (Hex)
ST-2212/R (Round)
 190mm Air Hammer
 3,000 b.p.m

ST-2210/H (Hex)
ST-2210/R (Round)
ST-2211/H(R) W/4pc chisels
 4,500 b.p.m

ST-2220/H (Hex)
ST-2220/R (Round)
ST-2212/H(R) W/4pc chisels
 3,000 b.p.m



ST-2213/H (Hex)
ST-2213/R (Round)
 250mm Air Hammer
 2,200 b.p.m



ST-2212K/H (Hex)
ST-2212K/R (Round)
 10Pcs 190mm Air Hammer Kit
 Contents:
 1- ST-2212/H or ST-2212/R
 1- Nipple
 1- Mini Oiler
 1- Spring Retainer
 5- 7" Chisels
 1- Blow Mold Case

ST-2230/H (Hex)
ST-2230/R (Round)
ST-2213/H(R) W/4pc Chisels
 2,200 b.p.m



ST-2215K/H (Hex)
ST-2215K/R (Round)
 190mm Heavy Duty Air Hammer Kit
 Contents:
 1-ST-2215/H or ST-2215/R
 5- 7" Chisels
 1- Spring retainer
 1- Mini Oiler
 1- Blow Case

ST-3310
 Air Speed Hammer
 1,000 b.p.m.



ST-3300
 Air Speed Nailer
 1,000 b.p.m.

Speed Nailer

Specification:

★ Recommend Air Pressure: 6.2 bar (90psi)

Model No.	Chisel Shank (inch)		Bore Diameter (I.D.)		Piston Stroke Length		Blow Per Min (b.p.m.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	Round	Hex	inch	mm	inch	mm		in	mm			cfm	l/min	lbs	kgs	
ST-M3008/H(R)	0.401	0.410	3/4	19.05	1-7/10	43	4,300	5-1/4	133	1/4"	3/8"	4.75	134	2.5	1.1	10Pcs/Ctn/18/0.8'
ST-M3009/H(R)	0.401	0.410	3/4	19.05	2-3/5	66	3,200	6-4/5	172	1/4"	3/8"	4.75	134	3.1	1.4	10Pcs/Ctn/18/1.25'
ST-2211/H(R)	0.401	0.410	3/4	19.05	1-5/8	41	4,500	5-1/4	160	1/4"	3/8"	14	396	2.8	1.3	10Pcs/Ctn/13.0/0.7'
ST-2212/H(R)	0.401	0.410	3/4	19.05	2-5/8	66	3,000	7	180	1/4"	3/8"	14	396	3.5	1.6	10Pcs/Ctn/21/1.25'
ST-2213/H(R)	0.401	0.410	3/4	19.05	3-5/8	92	2,200	8-1/2	250	1/4"	3/8"	14	396	4.4	2.0	10Pcs/Ctn/21.0/1.3'
ST-2215/H(R)	0.401	0.410	3/4	19.05	2-5/8	66	3,000	7	180	1/4"	3/8"	5.5	157	3.7	1.7	10Pcs/Ctn/20/1'

Model No.	Stroke per Min (BPM)	Overall Length		Net Weight		Work Air Consumption		Packing Pcs/Ctn/G.W./Cuft(kgs)
		in	mm	Lbs	Kgs	cfm	l/min	
ST-3300	1,000	5	127	2.64	1.2	6	170	10Pcs/Ctn/12.5/0.8'
ST-3310	1,000	4	100	2.2	1	6	170	10Pcs/Ctn/11/0.7'



Industrial Air Hammer, Chipping Hammer



Chisel



ST-2101/H(R) 1-4/5" Piston Stroke(2,400 b.p.m)
Air Chipping Hammer
(H: Hex Shank, R: Round Shank)



ST-2102/H(R) 3" Piston Stroke(2,400 b.p.m)
ST-2103/H(R) 3.7" Piston Stroke(1,920 b.p.m)
ST-2104/H(R) 4" Piston Stroke(1,550 b.p.m)
Air Chipping Hammer
(H: Hex Shank, R: Round Shank)



ST-2201/H(R) 1" Piston Stroke(2,820 b.p.m)
ST-2202/H(R) 2" Piston Stroke(2,150 b.p.m)
ST-2203/H(R) 3" Piston Stroke(1,920 b.p.m)
ST-2204/H(R) 4" Piston Stroke(1,500 b.p.m)
Air Chipping Hammer
(H: Hex Shank, R: Round Shank)



ST-2200/H (Hex)
ST-2200/R (Round)
Mini Air Chipping Hammer
W/Spring (3,000 b.p.m.)



ST-2200A/H (Hex)
ST-2200A/R (Round)
Mini Air Chipping Hammer
W/Retainer (3,000 b.p.m.)

Specification:

★ Recommend Air Pressure: 6.2 bar (90psi)

Model No.	Chisel shank	Piston Diameter		Piston Stroke		Blow per Min (b.p.m.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
		inch	mm	inch	mm		in	mm			cfm	l/min	lbs	Kgs	
ST-2101/H	Hex: 14.7 mm	4/5	14.7	1-4/5	46	2,400	15-3/10	390	3/8"	3/8"	23	650	11.9	5.4	2Pcs/Ctn/17.6/0.95'
ST-2101/R	Round: 17.3 mm	4/5	14.7	1-4/5	46	2,400	15-3/10	390	3/8"	3/8"	23	650	11.9	5.4	2Pcs/Ctn/17.6/0.95'
ST-2102/H	Hex: 14.7 mm	1-1/8	28.5	3	77	2,400	14-1/5	365	3/8"	1/2"	23	650	17.5	7.95	2Pcs/Ctn/17.6/0.95'
ST-2102/R	Round: 17.3 mm	1-1/8	28.5	3	77	2,400	14-1/5	365	3/8"	1/2"	23	650	17.5	7.95	2Pcs/Ctn/17.6/0.95'
ST-2103/H	Hex: 14.7 mm	1-1/8	28.5	3-7/10	94	1,920	15-4/5	400	3/8"	1/2"	23	650	18.9	8.6	2Pcs/Ctn/18.5/1.01'
ST-2103/R	Round: 17.3 mm	1-1/8	28.5	3-7/10	94	1,920	15-4/5	400	3/8"	1/2"	23	650	18.9	8.6	2Pcs/Ctn/18.5/1.01'
ST-2104/H	Hex: 14.7 mm	1-1/8	28.5	4	102	1,550	16-7/10	425	3/8"	1/2"	23	650	19.8	8.9	2Pcs/Ctn/19.6/1.07'
ST-2104/R	Round: 17.3 mm	1-1/8	28.5	4	102	1,550	16-7/10	425	3/8"	1/2"	23	650	19.8	8.9	2Pcs/Ctn/19.6/1.07'
ST-2201/H	Hex: 14.7 mm	1-1/8	28.5	2-3/5	66.3	2,820	12-1/8	308	3/8"	1/2"	23	650	12.1	5.5	2Pcs/Ctn/15.7/0.87'
ST-2201/R	Round: 17.3 mm	1-1/8	28.5	2-3/5	66.3	2,820	12-1/8	308	3/8"	1/2"	23	650	12.1	5.5	2Pcs/Ctn/15.7/0.87'
ST-2202/H	Hex: 14.7 mm	1-1/8	28.5	3-3/5	91.7	2,150	12-7/8	327	3/8"	1/2"	23	650	13	5.9	2Pcs/Ctn/15.9/1'
ST-2202/R	Round: 17.3 mm	1-1/8	28.5	3-3/5	91.7	2,150	12-7/8	327	3/8"	1/2"	23	650	13	5.9	2Pcs/Ctn/15.9/1'
ST-2203/H	Hex: 14.7 mm	1-1/8	28.5	3-7/10	94	1,920	14-7/8	378	3/8"	1/2"	23	650	14.3	6.5	2Pcs/Ctn/17/1'
ST-2203/R	Round: 17.3 mm	1-1/8	28.5	3-7/10	94	1,920	14-7/8	378	3/8"	1/2"	23	650	14.3	6.5	2Pcs/Ctn/17/1'
ST-2204/H	Hex: 14.7 mm	1-1/8	28.5	4	102	1,500	16-1/8	410	3/8"	1/2"	23	650	15.4	7.0	2Pcs/Ctn/19/1.08
ST-2204/R	Round: 17.3 mm	1-1/8	28.5	4	102	1,500	16-1/8	410	3/8"	1/2"	23	650	15.4	7.0	2Pcs/Ctn/19/1.08
ST-2200/H	Hex: 11.8 mm	25/32	20	1-7/9	45	3,000	9-1/2	243	1/4"	3/8"	14	396	5.7	2.6	6Pcs/Ctn/19.5/0.5'
ST-2200/R	Round: 13.8 mm	25/32	20	1-7/9	45	3,000	9-1/2	243	1/4"	3/8"	14	396	5.7	2.6	6Pcs/Ctn/19.5/0.5'
ST-2200A/H	Hex: 11.8 mm	25/32	20	1-7/9	45	3,000	9-1/2	243	1/4"	3/8"	14	396	5.7	2.6	10Pcs/Ctn/31.5/1.5'
ST-2200A/R	Round: 13.8 mm	25/32	20	1-7/9	45	3,000	9-1/2	243	1/4"	3/8"	14	396	5.7	2.6	10Pcs/Ctn/31.5/1.5'



Industrial Air Riveting Hammers



Chisel

1 Sleeve design to protect the forward hand and prevent from injury. (ST-24002, ST-24003 only)

2 Ergonomically new aluminum housing.

1" Rivet chisel (Std. accy)

NEW
ST-24002
ST-24003

3 360° Exhaust design.

4 Trigger with adjustable power allows various power adjusted and controlled easily.

5 Handle designed for maximum effectiveness and operator comfort.

NEW ST-24001



SL: Lever Start

ST-2401S(SL) 1" Straight type
ST-2403S(SL) 3" Straight type

ST-2402S(SL) 2" Straight type
ST-2404S(SL) 4" Straight type

ST-2401 1" Pistol type
ST-2403 3" Pistol type

ST-2402 2" Pistol type
ST-2404 4" Pistol type

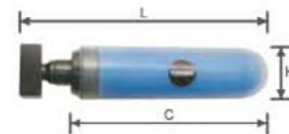


NEW

[Nitto] plug only



ST-2510(A)
ST-2516(A)
Vibration-Damped Bucking Bar



Dimensions:

Model No.	Type	L (mm)	H (mm)	C (mm)	Weight (kgs)
ST-2510	Manual	188	53	139	1.5
ST-2516		245	53	200	2.1
ST-2510A	Pneumatic	188	53	139	1.35
ST-2516A		245	53	200	2.1



Industrial

ST-2405 5" Pistol type
ST-2409 9" Pistol type

ST-2407 7" Pistol type

*Except ST-2401 series, the others could be with "Open type" or "Close type" Spring for option.

Specification:

★ Recommend Air Pressure: 6.2 bar (90psi)

Model No.	Chisel Shank (inch)	Bore Diameter (I.D.)		Piston Stroke Length		Blow Per Min (b.p.m.)	Rivet Nuts		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight	
		Dia.	inch	mm	inch		mm	Steel	Alum	in			mm	cfm	l/min	lbs
ST-24001	0.401	19/32	15.24	1-37/64	40	3,690	-	-	7-1/10	180	1/4	3/8	14	396	2.4	1.1
ST-24002	0.401	19/32	15.24	4-1/64	102	2,160	-	-	8-43/50	225	1/4	3/8	14	396	2.98	1.35
ST-24003	0.401	19/32	15.24	5-25/64	137	1,440	-	-	11	280	1/4	3/8	14	396	3.31	1.50
ST-2401	0.401	9/16	14.3	1-3/8	35	2,850	-	-	4-1/2	115	1/4"	3/8"	14	396	2.2	1.0
ST-2401S	0.401	9/16	14.3	1-3/8	35	2,850	-	-	6-19/64	160	1/4"	3/8"	14	396	2.2	1.0
ST-2401SL	0.401	9/16	14.3	1-3/8	35	2,850	-	-	6-19/64	160	1/4"	3/8"	14	396	2.2	1.0
ST-2402	0.401	1/2	12.7	2-1/4	57.2	2,580	3/32	1/8	6-11/16	170	1/4"	3/8"	14	396	2.4	1.1
ST-2402S	0.401	1/2	12.7	2-1/4	57.2	2,580	3/32	1/8	8-1/2	215	1/4"	3/8"	14	396	2.4	1.1
ST-2402SL	0.401	1/2	12.7	2-1/4	57.2	2,580	3/32	1/8	8-1/2	215	1/4"	3/8"	14	396	2.4	1.1
ST-2403	0.401	1/2	12.7	2-7/8	73	2,160	5/32	3/16	7-3/8	186	1/4"	3/8"	14	396	2.6	1.2
ST-2403S	0.401	1/2	12.7	2-7/8	73	2,160	5/32	3/16	9-1/8	231	1/4"	3/8"	14	396	2.6	1.2
ST-2403SL	0.401	1/2	12.7	2-7/8	73	2,160	5/32	3/16	9-1/8	231	1/4"	3/8"	14	396	2.6	1.2
ST-2404	0.401	1/2	12.7	3-1/16	77.8	1,740	3/16	1/4	8-3/8	211	1/4"	3/8"	14	396	3.3	1.5
ST-2404S	0.401	1/2	12.7	3-1/16	77.8	1,740	3/16	1/4	10-1/8	256	1/4"	3/8"	14	396	2.9	1.3
ST-2404SL	0.401	1/2	12.7	3-1/16	77.8	1,740	3/16	1/4	10-1/8	256	1/4"	3/8"	14	396	2.9	1.3
ST-2405	0.498	3/4	19	2-11/16	68.3	1,600	3/16	1/4	9-3/32	230	1/4"	3/8"	14	396	4.9	2.2
ST-2407	0.498	3/4	19	3-7/8	98.4	1,140	1/4	5/16	10-1/8	256	1/4"	3/8"	14	396	5.1	2.3
ST-2409	0.498	3/4	19	5-13/16	147.6	900	5/16	3/8	11-1/4	284	1/4"	3/8"	14	396	6.0	2.7