

AMS
AGUSTA MITRA JIJSSEI

TOKU 
Made in Japan

AIR TOOL FOR CONSTRUCTION AND MINING



CHIPPING HAMMER

AA Series



THA - 4S RV



AA-3B



AA-1.3B



AA-0B

Features:

- Durable quick change spring retainer
- Least v'bration at handle to reduce fatigue
- Precision spool valve design system to ensure maximum power against light body weight
- Hard hitting breaker perform well in dusty environment

Benefits:

- Easy to handle - good weight balance
- Replacable bushing
- Alloy steel forging : provide maximum durability
- Easy maintenance

Commercial applications:

- Industrial heavy equipment
- Industrial automotive
- Industrial natural resources
- Metal industry

Order No.	Model	Piston Diameter (mm)	Piston Stroke (mm)	Blow Per Min b.p.m	Net Weight		Overall Length (mm)	Air Consumption		Hose Size (mm)	Shank Size	Air Inlet (pt)
					kg	lb		m ³ /min	c.f.m			
TZ-09	AA-0B	20	50	3,000	2.0	4.4	254	0.35	12.3	12.7	R15-12Hx53	3/8
TZ-10	AA-1.3B	24	58	2,800	4.5	9.9	350	0.45	15.7	12.7	R18-15Hx60	3/8
TZ-11	AA-3B	28	79	2,400	5.8	13.9	350	0.45	15.7	12.7	R18-15Hx60	3/8
TZ-14	THA-4S-RV	28.51	102.0	1,800	7.0	15.1	450	0.96	33.25	12.7	R18-15Hx60	3/8

Chisel



Moil Point Chisel



Flat Chisel

Optional Accessories:

AA-0B				
Order No.	Model	Description	Length	Shank Size 12 X 53mm
TZ-267	M8N	Moil Point	220mm	
TZ-269	C8N	Chisel	220mm	
TZ-356	C8L	Long Chisel	310mm	

AA-1.3B, AA-3B & THA-4S RV				
Order No.	Model	Description	Length	Shank Size 15 X 60mm
TZ-22	M3/M3N	Moil Point	300mm	
TZ-310	M3L/M3NL	Long Moil Point	600mm	
TZ-23	C3/C3N	Chisel	300mm	
I-Z-235	D3	Digger 2 1/2"	290mm	

PICK HAMMER

TCA - 7



TCA - 7

Benefits:

- Few parts for easy maintenance
- Precision valve allows excellent control during operation and low air consumption
- Ideal for foundry industry

Features:

- Light weight and high power
- Automatic push throttle valve
- Durable forged body
- With chisel bush for long life

Commercial applications:

- Industrial heavy equipment
- Industrial automotive
- Industrial natural resources
- Metal industry



TCA-7 & C4-S				
Order No.	Model	Description	Length	Shank Size 26 X 80mm
TZ-29	M7	Mol Point	400mm	
TZ-35	M7N	Mol Point	450mm	
TZ-32	M7L	Long Mol. Point	600mm	
TZ-138	M7LL	Long Mol. Point	1200mm	
TZ-33	C7	Chisel	400mm	
TZ-31	D7	Digger 2 1/2"	450mm	

Order No.	Model	Piston Diameter (mm)	Piston Stroke (mm)	Blow Per Min. b.p.m.	Net Weight kg lb	Overall Length (mm)	Air Consumption m ³ /min c.f.m.	Hose Size (mm)	Shank Size	Air Inlet (pt)
TZ-01	TCA-7	35	120	1,230	7.2 15.8	465	1.0 35.5	19	R26x80	3/4

CONCRETE BREAKER



TPB-30



TPB-40



TPB-60



TPB-90



Features:

- Durable quick change spring retainer
- Least vibration at handle to reduce fatigue
- Precision spool valve design system to ensure maximum power against light body weight
- Hard hitting breaker perform well in dusty environment

Benefits:

- Easy to handle - good weight balance
- Replaceable bushing
- Alloy steel forging ; provide maximum durability
- Easy maintenance

Commercial applications:

- Industrial heavy equipment
- Industrial automotive
- Industrial natural resources
- Metal industry

Order No.	Model	Piston Diameter (mm)	Piston Stroke (mm)	Blow Per Min. b.p.m.	Net Weight kg lb	Overall Length (mm)	Air Consumption m ³ /min c.f.m.	Hose Size (mm)	Shank Size	Air Inlet (pt)
TZ-02	TPB-30	44.45	85	1,550	15.0 33.0	564	1.4 49.0	12.7	3/8x1-1/4 or 1x4-1/4	1/2
TZ-03	TPB-40	44	145	1,100	15 33.5	660	1.6 56.5	9	1x4-1/4	1/2
TZ-04	TPB-60	57.15	100	1,400	30 66.3	645	2.0 70.0	19	1-1/8x6 or 1-1/4x6	3/4
TZ-05	TPB-90	66.67	152	1,250	42 92.4	723	2.2 77.0	19	1-1/8x6 or 1-1/4x6	3/4

Optional Accessories:

TPB-30, TPB-40 & TPB-60				
Order No.	Model	Description	Length	Shank Size 1" X 4 1/4"
TZ-24	M4	Mol Point	558mm	
TZ-345	C45	Chisel	500mm	
TZ-26	D4	Digger 3"	500mm	
TZ-36	DW4	Digger 5"	490mm	
TZ-38	A4	Asphalt Cutter	500mm	

TPB-90 & TPB-91				
Order No.	Model	Description	Length	Shank Size 1 1/4" X 6"
TZ-18	M1	Mol Point	620mm	
TZ-181	M1L	Mol Point	760mm	
TZ-19	C1	Chisel	610mm	
TZ-20	D1	Digger 3"	570mm	
TZ-136	DW1	Digger 5"	645mm	
TZ-39	A1	Asphalt Cutter	640mm	

OPTIONAL ACCESSORIES

Moil Point and Chisel for Breaker and Trench Drigger

Order No	Part No.	TOKU Tools Models	Shank Size (mm)	OA Length (mm)	Description	Sketch
TZ-1B	M1	TPB-30 / 73 / 90	1 3/4" H x 6"	620	Moil Point	
TZ-161	M1L	TPB-60 / 73 / 90	1 3/4" H x 6"	780		
TZ-21	M2	TPB-30N / 230N	1 1/8" H x 6"	620		
TZ-24	M4	TPB-30 / 40 & TCD-30	1" x 4 3/4"	580		
TZ-35	M9	TCD-20 & PLA-10	22H x 53	460		
TZ-149	M9L	TCD-20 & PLA-10	22H x 53	710		
TZ-1B	G1	TPB-30 / 73 / 90	1 3/4" H x 6"	610	Chisel - Narrow	
TZ-302	C2	TPB-30N / 230N	1 1/8" H x 6"	610		
TZ-345	C4S	TPB-30 / 40 & TCD-30	1" H x 4 3/4"	600		
TZ-37	C9	TCD-20 & PLA-10	22H x 53	475		
TZ-20	D1	TPB-30 / 73 / 90	1 3/4" H x 6"	570	Digger Chisel	
TZ-25	D4	TPB-30 / 40 & TCD-30	1" H x 4 3/4"	500	Digger Spade	
TZ-135	DW1	TPB-30 / 73 / 90	1 3/4" H x 6"	515		
TZ-83	DW4	TPB-30 / 40 & TCD-30	1" H x 4 3/4"	460	Asphalt Cutter	
TZ-39	A1	TPB-60 / 73 / 90	1 3/4" H x 6"	558		
TZ-38	A1	TPB-30 / 40 & TCD-30	1" H x 4 3/4"	505		
TZ-75	T4	TPB-30 / 40 & TCD-30	1" H x 4 3/4"	350	Tamping Shank	

Order No	Part No	TOKU Tools Models	Shank Size (mm)	OA Length (mm)	Description	Sketch
TZ-22	M3 / M3N	AA-3B & AA-1.3B	15H x 60	300	Moil Point	
TZ-310	M3L / M3NL	AA-3B & AA-1.3B	15H x 60	600		
TZ-297	M2N	AA-OB	12H x 53	220		
TZ-23	C3 / C3N	AA-3B & AA-1.3B	15H x 60	300	Chisel - Narrow	
TZ-269	C8N	AA-OB	12H x 53	220		
TZ-356	C8L	AA-OB	12H x 53	510		
TZ-29	M7	TCA-7, TCB-130S & G3-S	26R x 80	400	Moil Point	
TZ-35	M7N	TCA-7, TCB-130S & G3-S	26R x 80	450		
TZ-32	M7L	TCA-7, TCB-130S & G3-S	26R x 80	600		
TZ-138	M7LL	TCA-7, TCB-130S & G3-S	26R x 80	1200		
TU-673	D5	MH-5111 / 5115 & B7H-S	10R x 40	200		
TU-672	C5N	MH-5111 / 5115 & B7H-S	10R x 40	200	Chisel - Narrow	
TZ-30	C7	TCA-7, TCB-130S & G3-S	26R x 60	400		
TZ-235	D3	AA-3B & AA-1.3B	1.5" H x 60	290	Asphalt Cutter	
TZ-31	C7	TCA-7, TCB-130S & G3-S	26R x 80	460		
TZ-40	M2S	TCB-200	30R x 87mm	400	Moil Point	
TZ-140	M3S	TCB-300	35R x 87mm	465		
TZ-142	C23	TCB-200	30R x 87mm	400	Chisel - Narrow	
TZ-143	C33	TCB-300	35R x 87mm	455		

Note : Overall Length (OA) May Vary about 5% due to manufacturing process H : Hexagon R : Round

TCB-CONCRETE BREAKER



TCB-130S - 15kg



TCB-200 - 21kg



TCB-300 - 30kg



Benefits:

- Simple structure
- Compact and light weight
- Less maintenance
- Powerful and durable

Optional Accessories for TCB-130S, TCB-200 & TCB-300

Model	Tools	Type
M7	TCB-130S	
M23	TCB-200	
M33	TCB-300	
G7	TCB-130S	
C23	TCB-200	
C33	TCB-300	

Model	Piston Diameter (mm)	Piston Stroke (mm)	Blow Per Min (bpm)	Net Weight (kg)	Overall Length (mm)	Avg. Air Cons. (m ³ /min)	Avg. Air Cons. (cfm)	Air Inlet (pt)	Hose Size (mm)	Shank Size	Attachment Code
TCD-20	42.85	60	2,000	10.0	520	1.10	38.8	1/2	12.7	7/8" x 3/4"	9
TCD-30	44.45	85	1,550	13.5	559	1.40	49.4	1/2	12.7	1" x 4/4"	4
TCD-130S	35.00	130	1,400	15.0	490	1.05	37.1	1	19.0	R26 x 80mm	7
TCB-200	40.00	165	1,100	21.0	558	1.40	49.4	1	19.0	R30 x 82mm	29
TCB-300	45.00	180	950	30.0	610	1.70	60.0	1	19.0	R35 x 87mm	33

ROCK DRILL - HAND HELD



TH - 5S

Features:

- Forged steel components: durable
- Multiposition throttle for smooth start up in drilling
- Good balance: efficient operation and less air consumption
- Special anti-vibration handle for each model as an optional item
- Each component has been carefully heat treated to maximize durability



Benefits:

- Correct weight and model eliminate unnecessary fatigue to operator
- Excellent design, strong impact and rotation are the key factors for performance of TOKU rock drill series

TH-5S	
Order No.	Insert Bit - Diameter x Length
TZ-261	13mm x 250mm
TZ-348	13mm x 400mm
TZ-342	18mm x 400mm
TZ-343	19mm x 400mm
TZ-349	22mm x 400mm
TZ-341	22mm x 600mm

TH-5S				
TAPER ROD Length	DRILL BIT Diameter of Hole (mm)			
400mm	20	26	32	38
600mm	22	28	34	-
900mm/1200mm	24	30	36	-

Order No.	Model	Rotary Speed (r.p.m)	Blow Per Min. (b.p.m)	Net Weight		Overall Length (mm)	Air Consumption		Hose Size (mm)	Shank Size	Drilling Capacity (mm)
				kg	lb		m ³ /min	c.f.m			
TZ-190	TH-5S	<20	3,400	5.8	12.76	425	0.85	29.9	12.7	R3/4-5/8H	22

ROCK DRILL



TJ - 15 LBS



TJ - 20 LBS



TS-55



Commercial applications:
• Industrial natural resources

Features:

- Forged steel components durable
- Multiposition throttle for smooth start up in drilling
- Special anti vibration handle for each model as an optional item
- Each component has been carefully heat treated to maximize durability

Benefits:

- Integral oiler: provide lubrication to the rock drill
- Good balance: efficient operation
- Ideal for quarries
- All parts are machined with precision and heat treatment is performed with much care assuring the durability of these parts

Order No.	Model	Piston Diameter (mm)	Piston Stroke (mm)	Blow Per Min. b.p.m.	Net Weight		Drift Length (mm)	Air Consumption		Hose Size (mm)	Rotary Speed rpm
					kg	lb		m ³ /min	c.f.m.		
TZ-13	TJ-15 LBS	54	45	2,450	14.0	30.8	507	1.6	56.0	19	200
TZ-14	TJ-20 LBS	68	49.0	2,400	16.5	40.7	610	2.5	87.5	19	200
TZ-15	TS-55	87	83.0	1,800	27.0	59.4	669	2.8	91.81	19	200

Specifications: Air pressure 6kg/cm²

Optional Accessories:



Other sizes on request



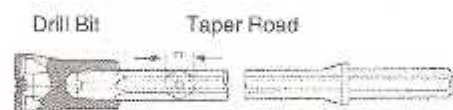
Button Bit: Suitable for all kinds of rock sand formation for higher drilling speed. Re-sharpening of bit is not necessary

T-22 Button Bit		
Order No.	Part Code	Diameter (mm)
TZ-189	TB22-32	32
TZ-190	TB22-38	38
TZ-184	TB22-48	48
TZ-191	TB22-50	50



Car Bit: Suitable rock and formation without cracks

T-22 Car Bit		
Order No.	Part Code	Diameter (mm)
TZ-183	TC22-28	28
TZ-350	TC22-30	30
TZ-351	TC22-32	32
TZ-352	TC22-34	34
TZ-353	TC22-36	36
TZ-175	TC22-38	38



T-22 Taper Rod		
Order No.	Part Code	Effective Length (mm)
TZ-189	T22-800	800
TZ-185	T22-900	900
TZ-347	T22-1200	1200
TZ-186	T22-1500	1500
TZ-187	T22-2400	2400
TZ-188	T22-3000	3000

EARTH AUGER DRILL AND DRILLING ACCESSORIES

TAA-400 Earth Auger

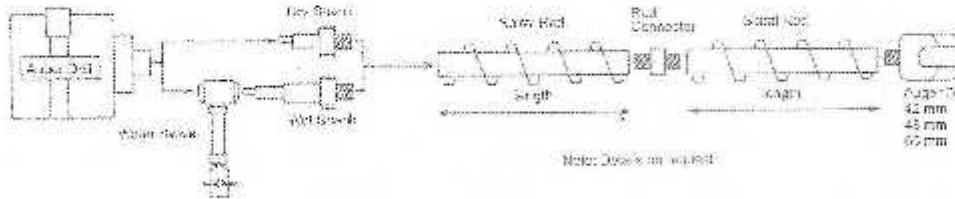
Most suitable for drilling holes for anchoring in tunnel and hill slope.
 *Optional - air leg support and water swivel attachment.



TAA-400 Hand Held Type

Air Leg Specification - Single Extension

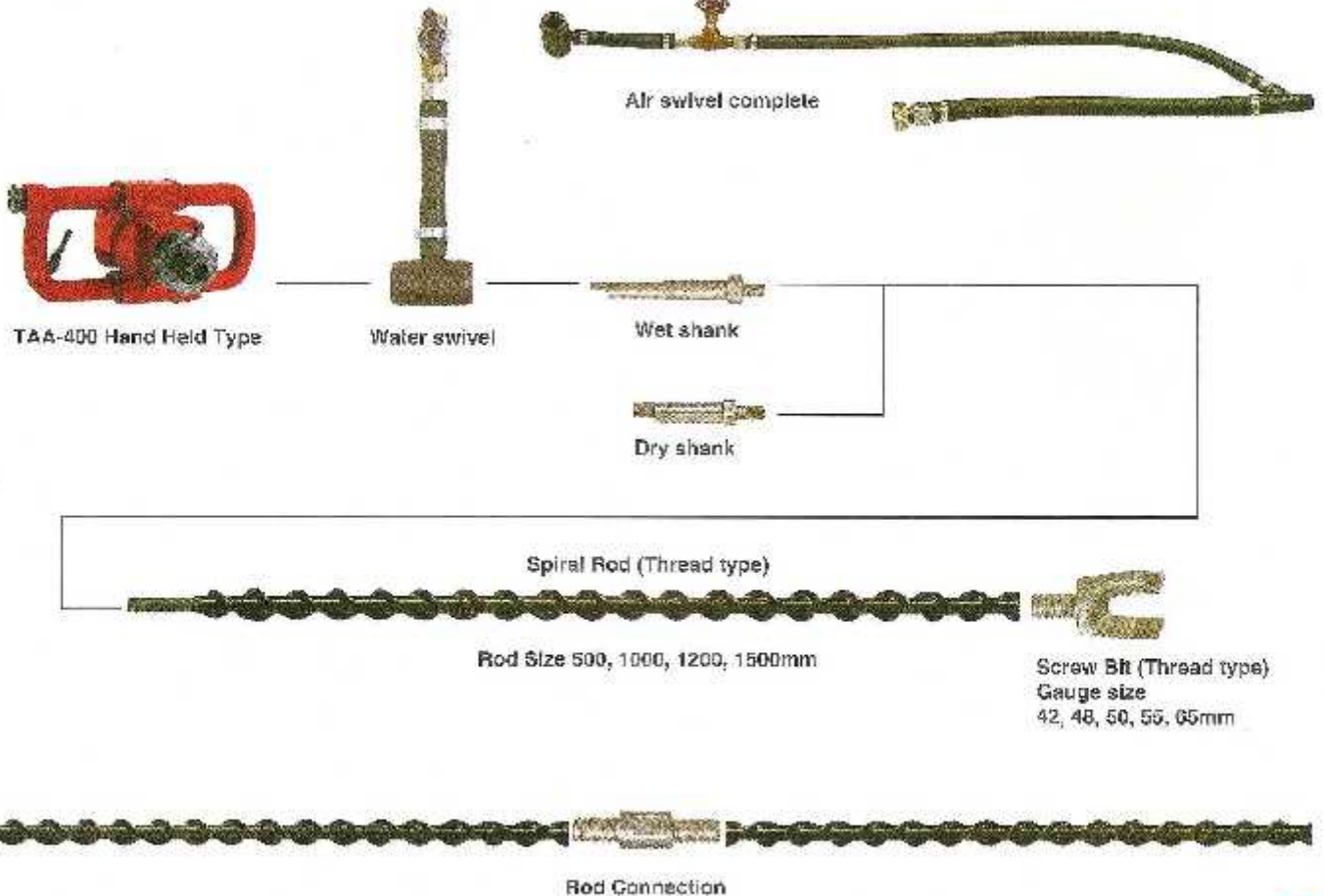
- Model : TJK-25
- Length : 1310 mm (extended length : 2260 mm)
- Net Weight : 12.5 kg
- Cylinder Diameter : 57 mm



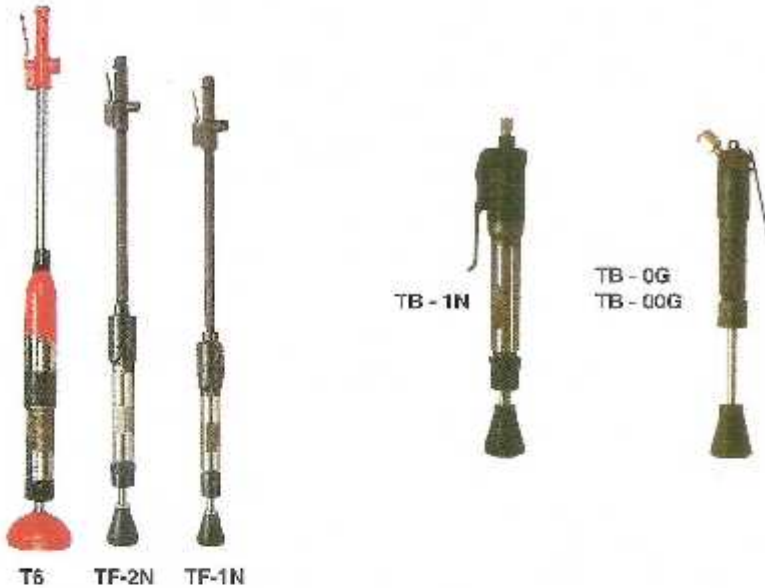
Carbide Auger Bit

Order No.	Model	Power (HP)	Speed - no load (RPM)	Speed - Loaded (RPM)	Net Weight (kg)	Dr Length (mm)	Air Consumption (l/min)	Air Inlet : Air Hose (mm)
TZ-219	TAA-400	1	1200	600 - 850	10.2	275	3.1	1 1/2 : 1 3/8

ACCESSORIES FOR AUGER DRILL



TAMPERS



Features:

- Special teflon-graphite heavy-duty packing prevents dirt and sludge from entering the tool
- Built-in large automatic reservoir
- Lever throttle with lock for continuous operation
- Built-in air screen to prevent entrance of foreign substances

Benefits:

- Ideal for compacting backfill for trenches
- Commonly used in sand casting foundry
- ergonomic design
- Easy to handle - good weight balance

Commercial applications:

- Industrial heavy equipment
- Industrial natural resources
- Metal industry

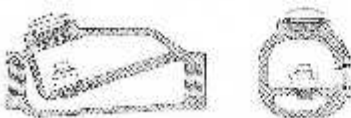
Order No.	Model	Piston Diameter (mm)	Piston Stroke (mm)	No. of Stroke s.p.m	Net Weight		Overall Length (mm)	Air Consumption		Hose Size (mm)	Air Inlet (pt)
					kg	lb		m ³ /min	c.f.m		
TZ-226	TB-00G	18	50	1,600	1.7	3.9	280	0.25	8.0	12.7	3/8
TZ-17	TB-0G	22	65	1,000	2.7	6.8	395	0.3	11	12.7	3/8
TZ-133	TB-1N	25.4	130	600	5.4	14	510	0.7	22.4	12.7	3/8
TZ-873	TF-1N	25.4	100	600	6.8	18	1,070	0.7	22.4	12.7	1/2
TZ-16	TF-2N	32	125	700	9	21.5	1,105	0.85	27.2	12.7	1/2
-	T6	38	140	750	16	39.68	1,240	1.10	35.2	12.7	1/2

AIR LINE LUBRICATOR



Features:

- These in-line lubricator are simple to install
- They are light and rugged in construction with very minimum or no maintenance
- For correct lubricator, in-line lubricator should not be more than 3.0m from the air tools



Specification	PL-400	PL-300L
Order No.	TZ-179	TZ-182
In and Out	3/4" NPT	3/4" NPT
Oil Capacity	110ml	320ml
Air Flow	70cfm	70cfm
Weight	0.65kg	1.08kg

Specification	M-1200
Order No.	TZ-180
In and Out	3/4" NPT
Oil Capacity	1200ml
Air Flow	100cfm
Weight	5.9kg

