

TOKU 



STRIKER
Hydraulic Breakers

TOKU America Inc.

STRIKER Hydraulic Breakers Features

Toku's TNB breakers deliver exceptional impact energy, long life and low operating costs. They minimize operator fatigue and environmental impact. These unique benefits are due to an innovative blend of a simple yet efficient design and advanced "accumulator free" technology. With a complete range of 15 breakers based on the same design philosophy, TNB breakers are ideal for applications from construction and demolition to rental, recycling, mining and quarrying.

STRIKER Design Concept

● Adaptable

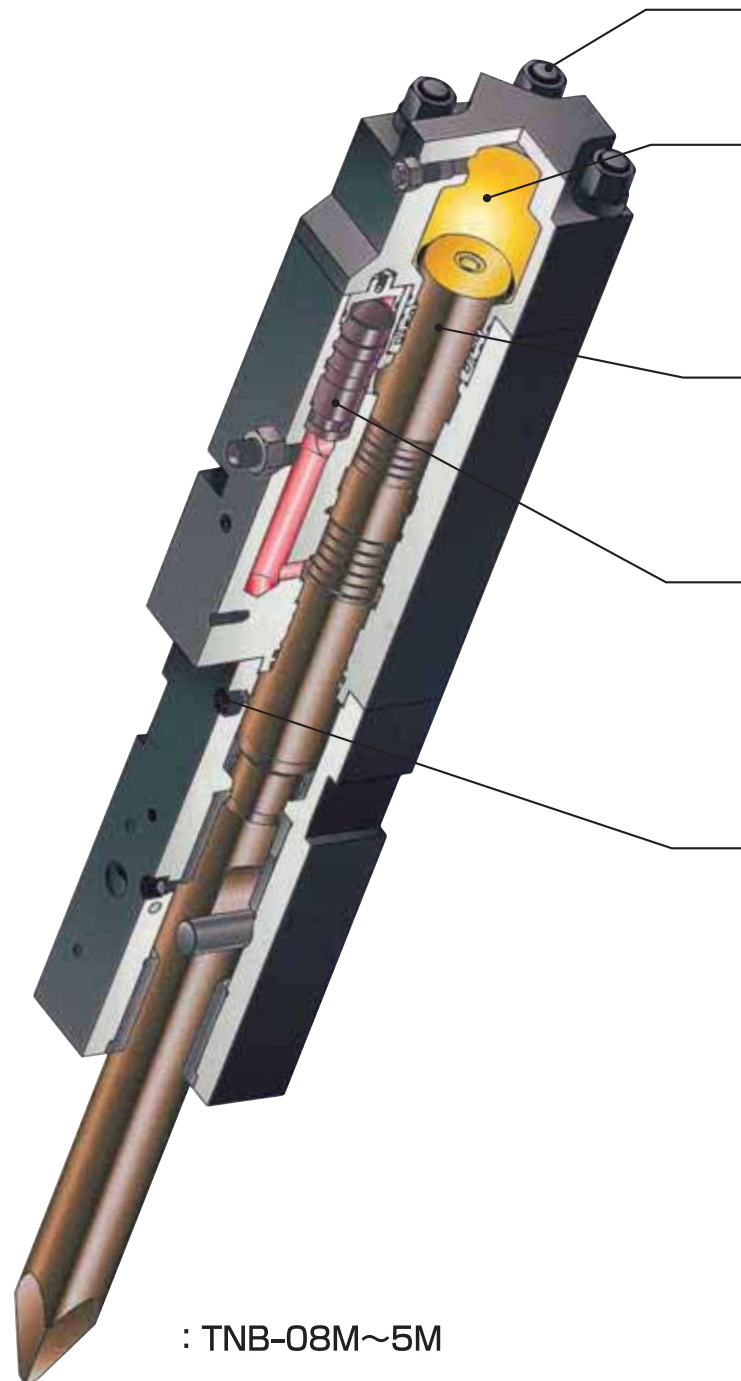
The Toku breakers are not sensitive to system backpressure and can be powered by the wide variety of carriers in the field. With Toku's innovative side plate and bracket system, one breaker can be moved from one machine to another with simple pin and bushing changes so you get more return on your investment. For example, one hammer will fit a skid steer loader and is then easily moved to a compact excavator.

● User Friendly

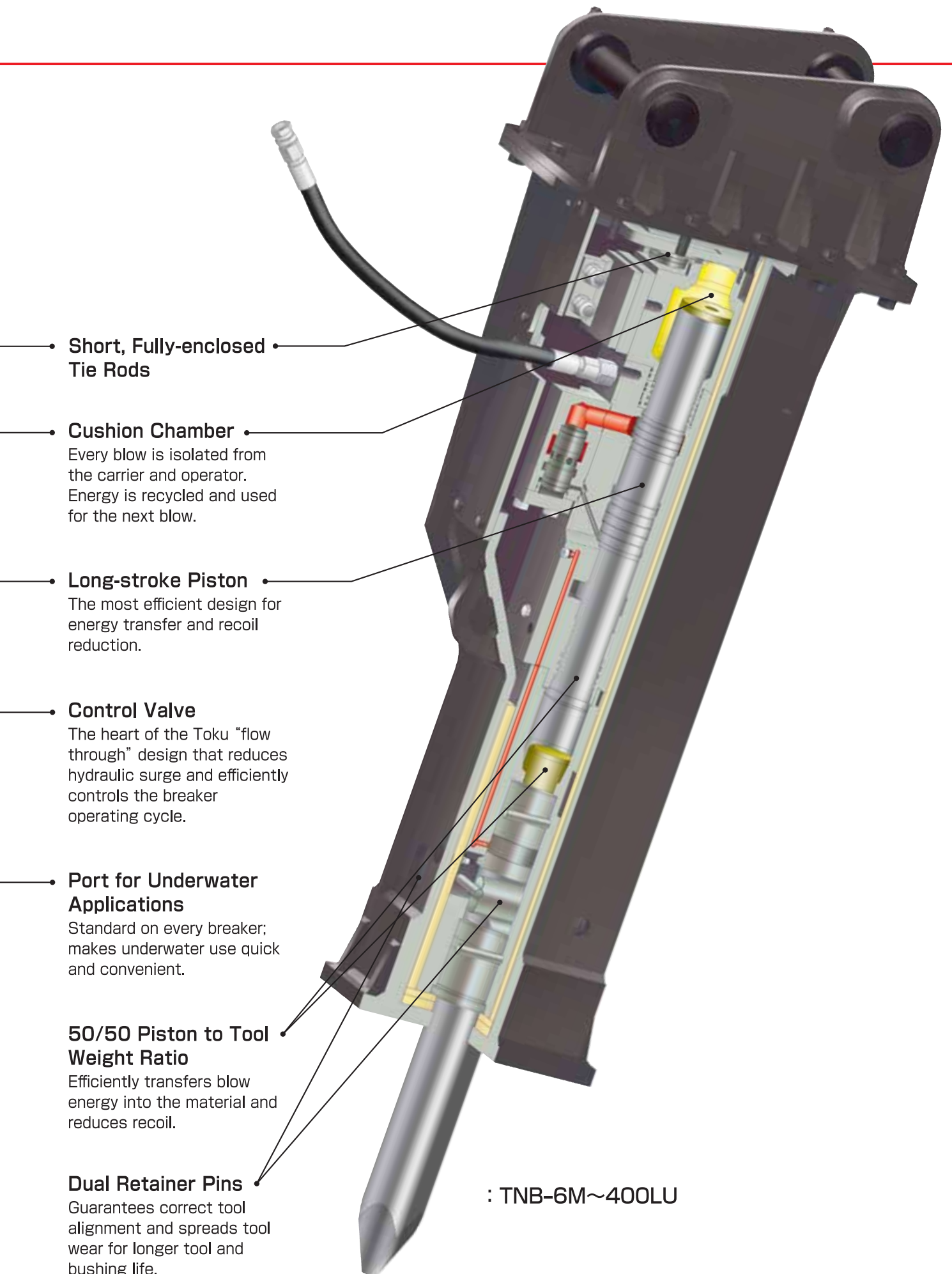
Using a low-pressure nitrogen charge, the Toku breaker cushions every blow. This reduces wear and tear on the carrier and adds to operator comfort.

● Low Operating Costs

Featuring only two moving parts and few seals, Toku breakers offer more "up-time" and simple, in the field maintenance. When a repair is required the Toku breaker will be back on the job quickly and at a reasonable cost.



: TNB-08M~5M



• **Short, Fully-enclosed Tie Rods**

• **Cushion Chamber**
Every blow is isolated from the carrier and operator. Energy is recycled and used for the next blow.

• **Long-stroke Piston**
The most efficient design for energy transfer and recoil reduction.

• **Control Valve**
The heart of the Toku "flow through" design that reduces hydraulic surge and efficiently controls the breaker operating cycle.

• **Port for Underwater Applications**
Standard on every breaker; makes underwater use quick and convenient.

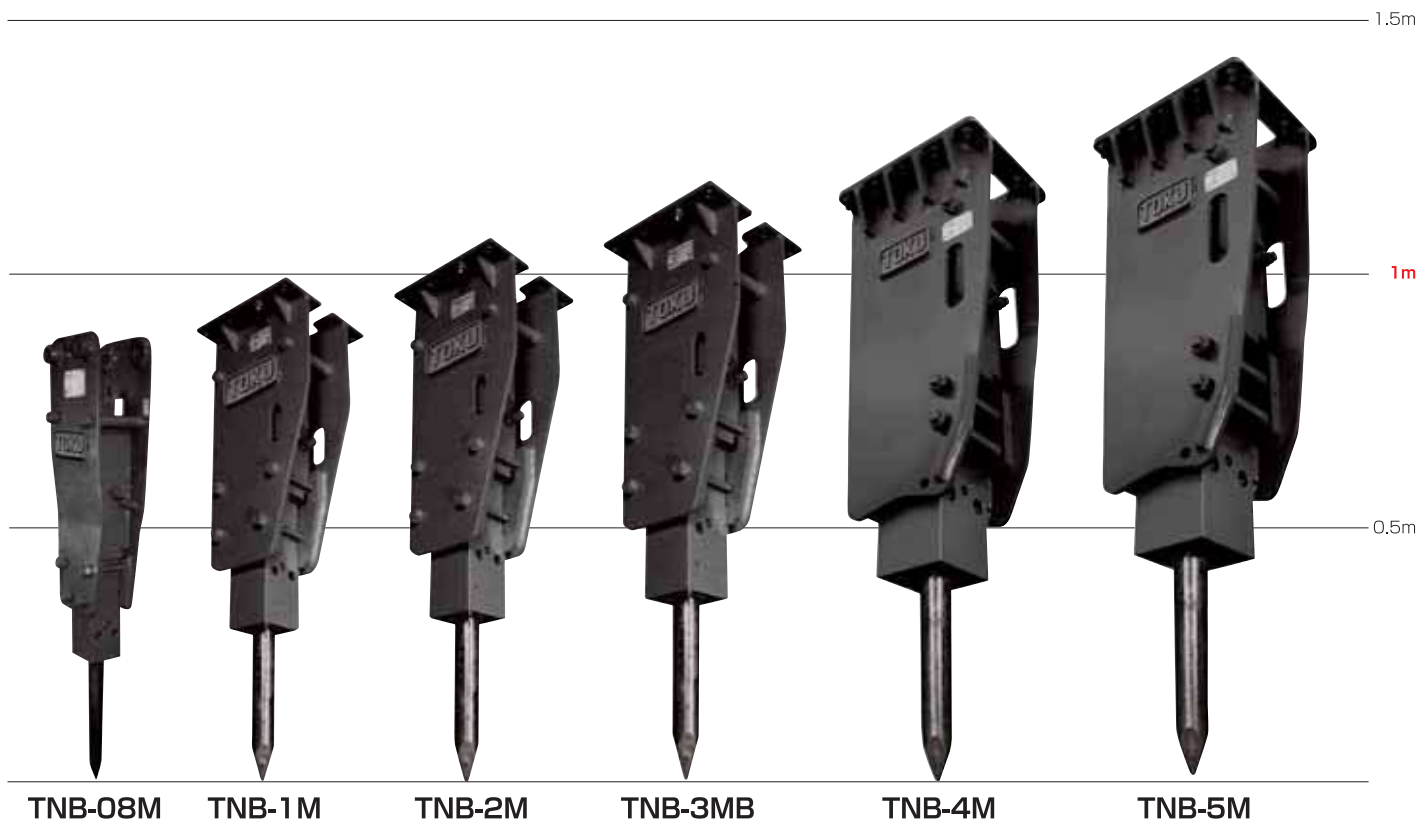
• **50/50 Piston to Tool Weight Ratio**
Efficiently transfers blow energy into the material and reduces recoil.

• **Dual Retainer Pins**
Guarantees correct tool alignment and spreads tool wear for longer tool and bushing life.

: TNB-6M~400LU

A Full Line for any Application

Mini range : 6 models



MODEL		TNB-08M	TNB-1M	TNB-2M	TNB-3MB	TNB-4M	TNB-5M	
Impact Energy Class	Ft.Lbs.	100	150	250	350	550	825	
	J	136	203	339	475	746	1120	
Impact rate	bpm	930-1300	700-1200	600-1150	550-1000	580-1060	550-1000	
Tool diameter	inch	1.57	1.77	2.0	2.3	2.5	3.0	
	mm	φ40	φ45	φ50	φ58	φ64	φ75	
Working weight	1pc top mount type	lbs	165	187	242	418	484	671
		kg	75	85	110	190	220	305
	2pc top mount type	lbs	165	220	308	462	561	693
		kg	75	100	140	210	255	315
Oil flow	G/min	4.8-6.6	5.3-7.9	5.3-9.2	6.6-12	8-14.5	9.2-16	
	L/min	18-25	20-30	20-35	25-45	30-55	35-60	
Operating pressure	PSI	853-1850	996-1991	1138-2133	1422-2133	1422-2276	1422-2276	
	Bar	60-130	70-140	80-150	100-150	100-160	100-160	
Hose I.D.	Inch	3/8	1/2	1/2	1/2	1/2	1/2	
Gas pressure	PSI	114	114	114	114	114	114	
	Bar	8	8	8	8	8	8	
Carrier range	ton	0.7-1.5	1-2	1.5-2.5	2.4-4	3-4.5	3.8-6	

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Medium range : 5 models



TNB-6M

TNB-6E

TNB-7E

TNB-100

TNB-151LU

MODEL		TNB-6M	TNB-6E	TNB-7E	TNB-100	TNB-151LU	
Impact Energy Class	Ft.Lbs.	1000	1500	2000	3000	4500	
	J	1356	2034	2712	4067	6101	
Impact rate	bpm	600-1050	550-1000	450-700	430-600	490-630	
Tool diameter	inch	3.0	3.7	4.5	4.5	5.3	
	mm	φ75	φ95	φ115	φ115	φ135	
Working weight	1pc top mount type	lbs	803	924	2046	2332	3630
		kg	365	420	930	1060	1650
2pc top mount type	lbs	770	990	2222	2464	3960	
	kg	350	450	1010	1120	1800	
Box case	lbs		1254	2420	2728	3960	
	kg		570	1100	1240	1800	
Oil flow	G/min	10.6-18.5	12-21	18.5-29	26.4-37	42.3-52.8	
	L/min	40-70	45-80	70-110	100-140	160-200	
Operating pressure	PSI	1422-2276	1422-2276	1707-2418	1707-2418	1991-2560	
	Bar	100-160	100-160	120-170	120-170	140-180	
Hose I.D.	Inch	3/4	3/4	3/4	3/4	1"	
Gas pressure	PSI	143	114	114	114	157	
	Bar	10	8	8	8	11	
Carrier range	ton	5.5-8	6-11	8-15	14-20	18-25	

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Large range : 4 models



TNB-190LU

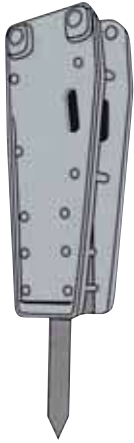
TNB-230LU

TNB-310LU

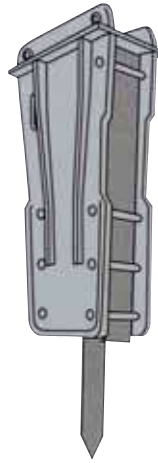
TNB-400LU

MODEL		TNB-190LU	TNB-230LU	TNB-310LU	TNB-400LU
Impact Energy Class	Ft.Lbs.	5500	7500	10000	12000
	J	7457	10169	13558	16270
Impact rate	bpm	370-490	380-450	370-470	370-470
Tool diameter	inch	5.5	5.75	6.3	7.0
	mm	φ140	φ146	φ160	φ178
Working weight 2pc top mount type	lbs	4510	6160	7480	9790
	kg	2050	2800	3400	4450
Box case	lbs	4950	5940	7920	10010
	kg	2250	2700	3600	4550
Oil flow	G/min	42.3-55.5	47.6-60.8	63.4-80	74-103
	L/min	160-210	180-230	240-300	280-390
Operating pressure	PSI	1991-2560	1849-2560	1991-2560	1991-2560
	Bar	140-180	130-180	140-180	140-180
Hose I.D.	Inch	1"	1"	1"-1/4"	1"-1/4"
Gas pressure	PSI	114	114	114	114
	Bar	8	8	8	8
Carrier range	ton	20-30	27-40	38-50	45-70

Bracket type :

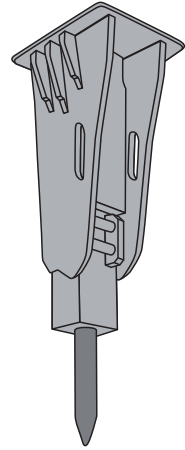


1 pc top mount type



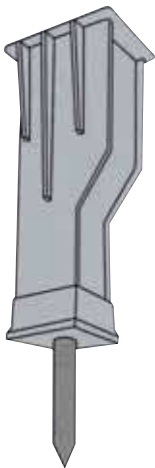
2 pc top mount type

- Available for all models
- Heavy duty type
- Ideal for trenching



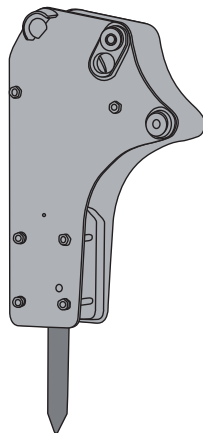
2 pc open box type

- Available for TNB-08M~TNB-7E
- Light weight type
- Easy maintenance

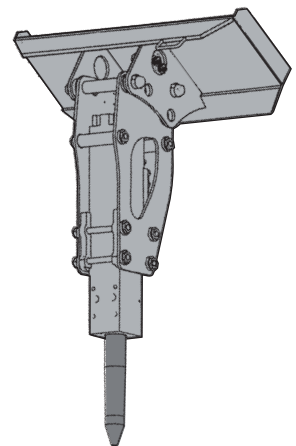


Box (silenced) type

- Available for TNB-1M~TNB-400
- Suitable for work in residential area





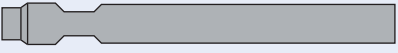



Backhoe loader type



Skid Steer type

Tool selection :

Type	Purpose	Application	Shape
Moil point	Largely breaking	Reinforced concrete Rock bed	 
Flat	Wedge action	Trenching and slope finishing	 
Flat end	Large stone into small	Boulders and concrete	 

“Long type tools are available as option”

Toku's Worldwide Sales & Service Network for Hydraulic Breakers



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