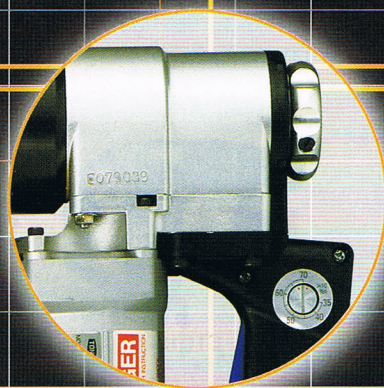
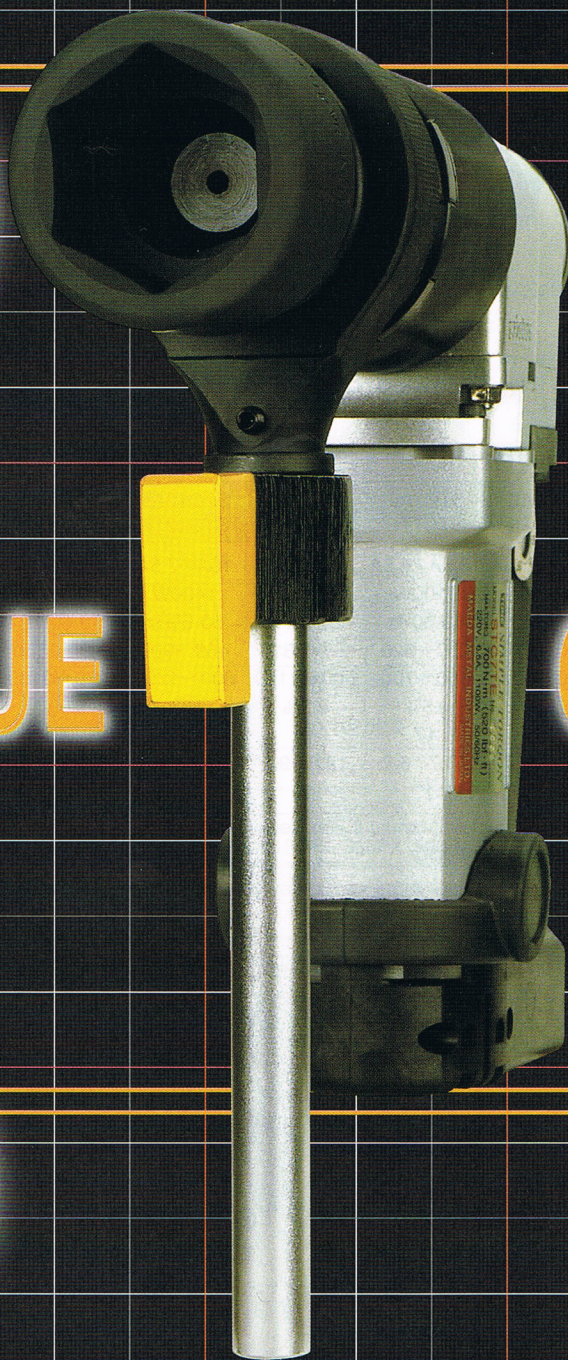


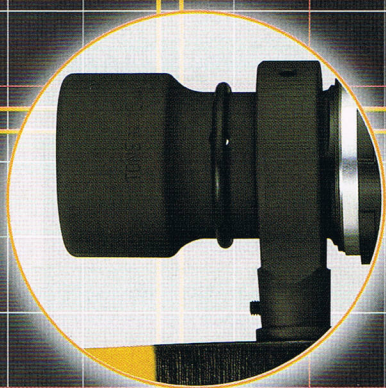
SIMPLE TORQON

ELECTRONIC TORQUE CONTROL WRENCH
STC-TYPE



TORQUE

CONTROL



SIMPLE TORQON(STC-type)

FEATURE and BENEFIT

① Easy Operation!

Setting of target torque is easy owing to target torque setting dial.
Setting of socket and nut is easy owing to free-joint mechanism.

② High Accuracy!

Repeated tightening torque accuracy : within $\pm 5\%$ against required torque.

③ Rotation to both directions!

Main functions such as torque control, soft start and free-joint mechanism are common to both clockwise and counter-clockwise directions.

④ No Vibration!

No impacting shock during use. No vibration and low noise.

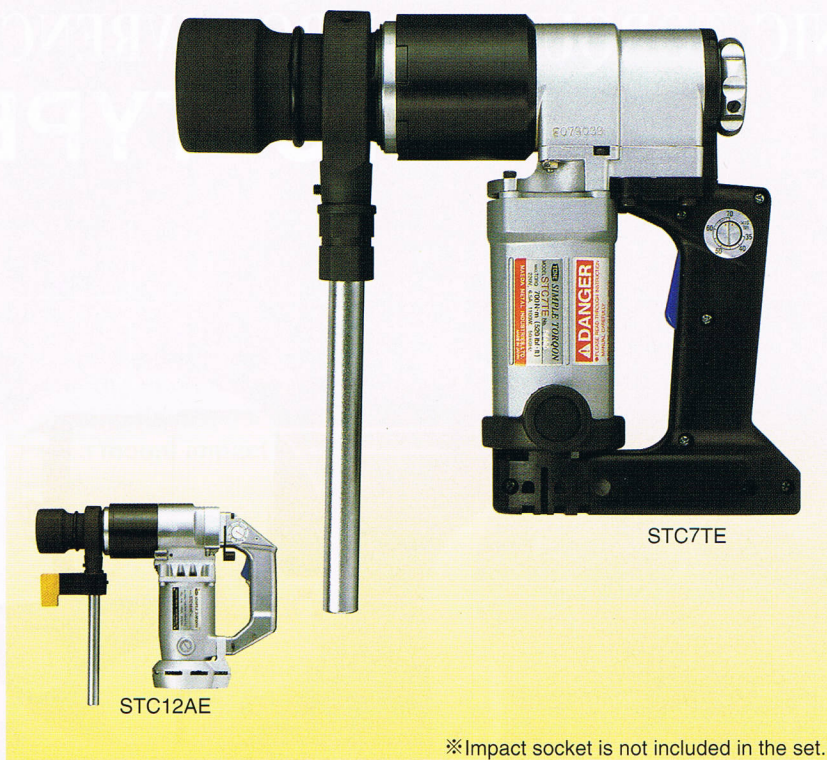
⑤ Simple Design!

All necessary functions are incorporated in the wrench for no distractions during torquing.

⑥ Automatic shut-off at preset torque!

⑦ TONE impact sockets can be used!

Use only impact sockets.



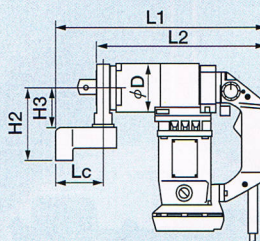
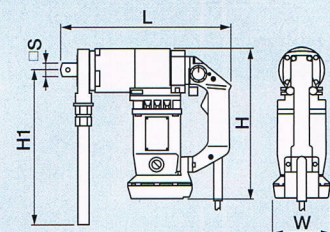
SPECIFICATIONS & LINE UP

Model No.	115V 220V	STC3AE STC3TE	STC5AE STC5TE	STC7AE STC7TE	STC11AE STC11TE	STC12AE STC12TE	STC21AE STC21TE
Max.Current	115V / 220V	13.5A / 6.5A	13.5A / 6.5A	13.5A / 6.5A	15A / 7.5A	15A / 7.5A	12A / 6A
Max.Power Consumption		1100W	1100W	1100W	1400W	1400W	1100W
Frequency		50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz
Controllable Torque Range	115V(ft·Lbs) 220V(N·m)	110~220 150~300	220~370 300~500	260~520 350~700	370~810 500~1100	450~900 600~1200	750~1550 1000~2100
Repeated Accuracy		$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$
Free Rotation	min ⁻¹ (RPM)	28	25	17	15	16	4
Weight (mainbody)	Lb/kg	10.1 / 4.6	11.7 / 5.3	13.7 / 6.2	19.8 / 9.0	19.8 / 9.0	41.9 / 19.0
Square Drive		3/4"	3/4"	1"	1"	1"	1-1/2"
Accessories		1pc. of Metal Case, Instruction Manual & Hex key wrench 1pc. of L-foot, I-bar & Q-connector					

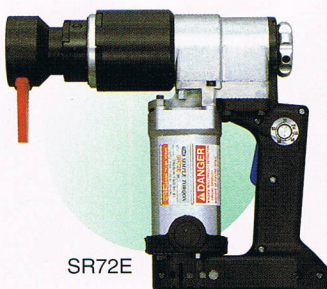
EXTERNAL DIMENSION

	□S	φD	W	L	L1	L2	H	H1	H2	H3
STC3AE-TE	3/4"	60	85	250	280	225	250	230	110	67
STC5AE-TE	3/4"	70	85	255	285	230	255	230	110	67
STC7AE-TE	1"	75	85	270	315	240	260	270	115	64
STC11AE-TE	1"	85	105	325	370	295	285	290	130	72
STC12AE-TE	1"	85	105	325	370	295	285	290	130	72
STC21AE-TE	1-1/2"	121	105	415	485	375	305	370	180	98

unit : mm



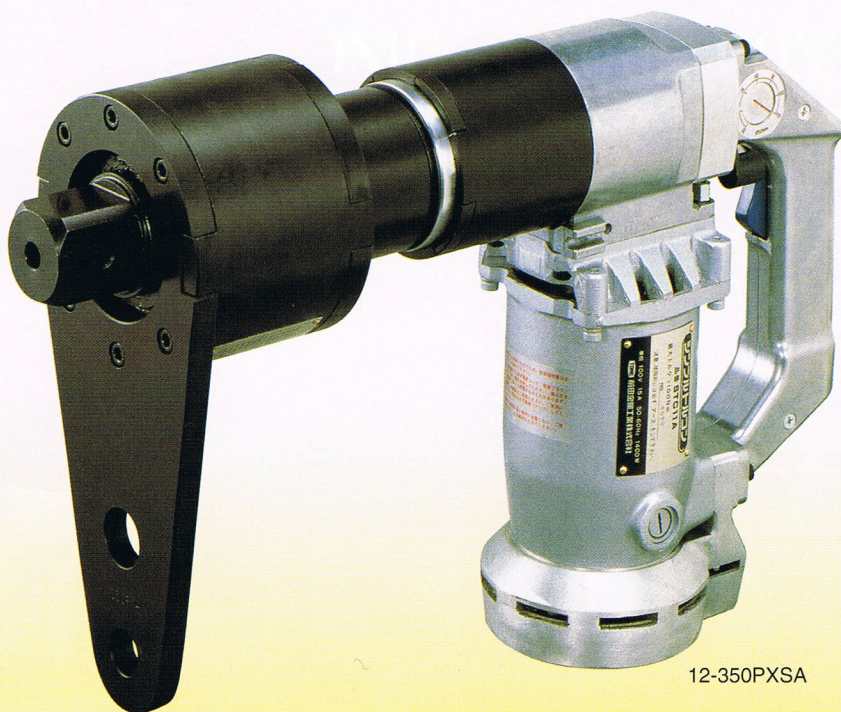
For Construction and Industrial use. SIMPLE TORQON(SR-type)



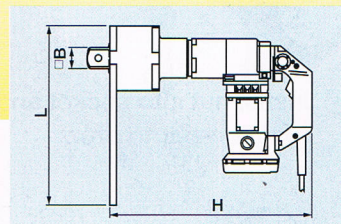
Model No.		Controllable Torque Range	Bar Socket
SR31E	115V	110~ 220 ft·Lbs	for MRU Series
SR32E	220V	150~ 300 N·m	
SR51E	115V	220~ 370 ft·Lbs	
SR52E	220V	300~ 500 N·m	
SR71E	115V	260~ 520 ft·Lbs	for HRU Series
SR72E	220V	350~ 700 N·m	
SR121E	115V	450~ 900 ft·Lbs	for VRU Series
SR122E	220V	600~1200 N·m	
SR171E	115V	630~1250 ft·Lbs	for SRU Series
SR172E	220V	850~1700 N·m	
SR182E	220V	900~1800 N·m	
SR211E	115V	750~1550 ft·Lbs	
SR212E	220V	1000~2100 N·m	

Bolt Dia.	Bar Socket Model No.			
M16 · 5/8"	MRU27T			
M20 · 3/4"	MRU32T			
M22	MRU36T	HRU36T		
7/8"	MRUB46Z	HRUB46Z		
M24 · 1"	MRU41T	HRU41T	VRU41T	
M27 · 1-1/8"		HRU46T	VRU46T	SRU46T
M30			VRU50T	SRU50T
1-1/4"				SRUB64Z

TORQUE MULTIPLIER(with SIMPLE TORQON)



12-350PXSA



SPECIFICATIONS

EXTERNAL DIMENSION

Model No.	O/P Torque (ft-Lbs) N-m	I/P Torque (ft-Lbs) N-m	Magf.	Combination		H	B	L	Weight
				Torque multiplier	Simple torqon	mm	mm	mm	(Lb) kg
8-180PXSA 8-180PXST	(910 ~ 1330) 1230 ~ 1800	(220 ~ 320) 300 ~ 439	4.1	8-180PX	STC5AE STC5TE	321	1"	193	(22.7) 10.3
12-350PXSA 12-350PXST	(1330 ~ 2580) 1800 ~ 3500	(370 ~ 720) 500 ~ 972	3.6	12-350PX	STC11AE STC11TE	414	1-1/2"	265	(39.7) 18.0
12-500PXSA 12-500PXST	(1660 ~ 3690) 2250 ~ 5000	(370 ~ 810) 500 ~ 1100	4.5	12-500PX	STC11AE STC11TE	440	1-1/2"	370	(49.8) 22.6
20-1000PXSA 20-1000PXST	(3980 ~ 7380) 5390 ~ 10000	(260 ~ 480) 350 ~ 649	15.4	20-1000PX	STC7AE STC7TE	400	2-1/2"	437	(73.4) 33.3
20-1500PXSA 20-1500PXST	(5020 ~ 11070) 6800 ~ 15000	(370 ~ 810) 500 ~ 1100	13.6	20-1500PX	STC11AE STC11TE	476	2-1/2"	514	(112.4) 51.0
20-2500PXSA 20-2500PXST	(7860 ~ 17340) 10650 ~ 23500	(370 ~ 810) 500 ~ 1100	21.3	20-2500PX	STC11AE STC11TE	513	2-1/2"	548	(202.8) 92.0
Accessories	1pc. of Straight reaction bar, L-type reaction bar(180PX, 350PX, 500PX only), Hex key wrench, Metal case & Instruction manual								

⚠ Do not apply input torque to electric power wrench exceeding rated max input torque.

TORQUE WRENCH, DIAL TYPE (TORQUE MEASUREMENT for SIMPLE TORQON)



TORQUE WRENCH, DIAL TYPE (N-m)

MODEL NO.	Range Min~Max	Min Grad.	Unit	Amm	Bmm	Hmm	Tmm	Lmm	kg (Lb)
T3DN15 Case Size (mm): 345×100×80	2.5 ~ 15	0.25	N-m	3/8"	74	45	31.5	265	0.6 (1.3)
T3DN35 Case Size (mm): 345×100×80	5 ~ 35	0.5	N-m	3/8"	74	45	31.5	265	0.6 (1.3)
T3DN70 Case Size (mm): 345×100×80	10 ~ 70	1	N-m	3/8"	74	45	31.5	315	0.7 (1.5)
T4DN200 Case Size (mm): 560×100×80	25 ~ 200	2.5	N-m	1/2"	74	56	38	530	1.3 (2.9)
T4DN350 Case Size (mm): 560×100×80	50 ~ 350	5	N-m	1/2"	74	56	38	530	1.3 (2.9)
T6DN800 Case Size (mm): 1054×820×90	100 ~ 800	10	N-m	3/4"	80	69	45	1180	3.4 (7.5)
T8DN1300 Case Size (mm): 1054×820×90	200 ~ 1,300	25	N-m	1"	84	74	45	1810	8.0 (17.6)

※A combined use of TONE POWER WRENCH is recommended when a capacity exceeding 1,300N-m is required.

※No. T3DN15~T4DN350 are of handle I type, while No. T6DN800~T8DN1300 are of handle II type.

Outstanding features

By adjusting dial to the guide and putting load on the handle, actual torque value can be read. Protector is attached to protect dial indicator from deformation or dirt.

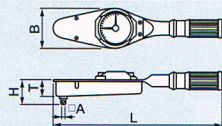
Specifications

Accuracy of torque: ±3% (by relative error measuring method of JIS)

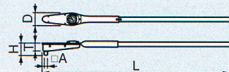
Torque load: Rotatable to left and right (Torque can be measured in both left and right directions)

⚠ Cautions

●Before use please read through instructions manual.



HANDLE I type



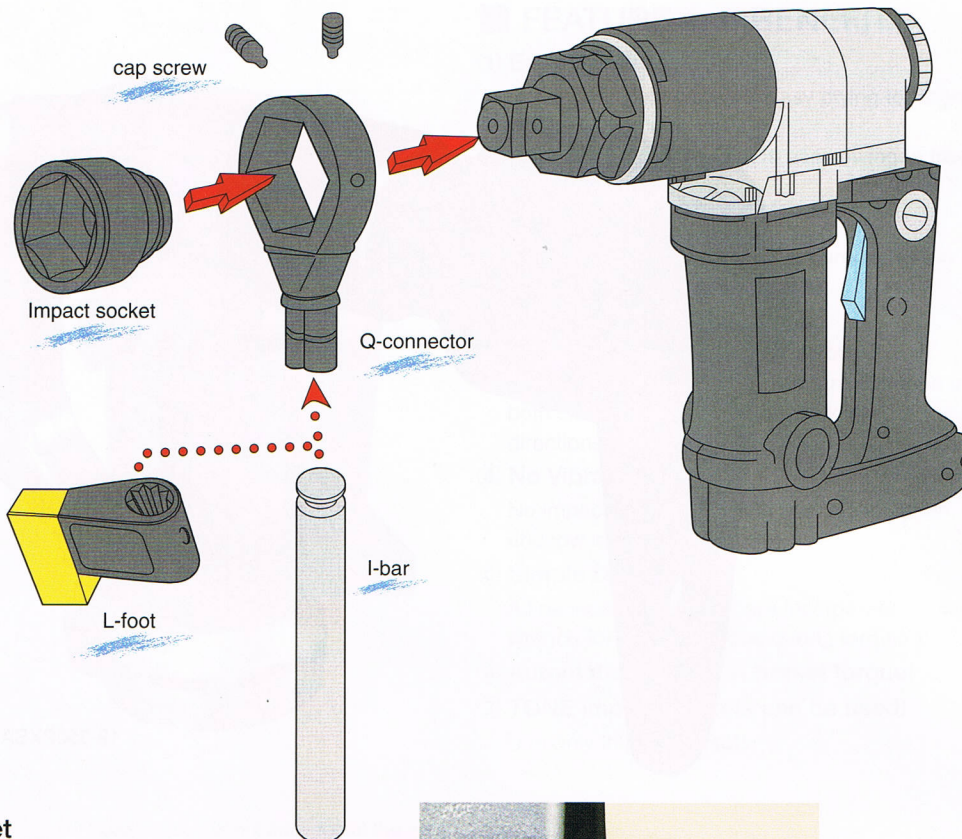
HANDLE II type

SIMPLE TORQON(STC-type)

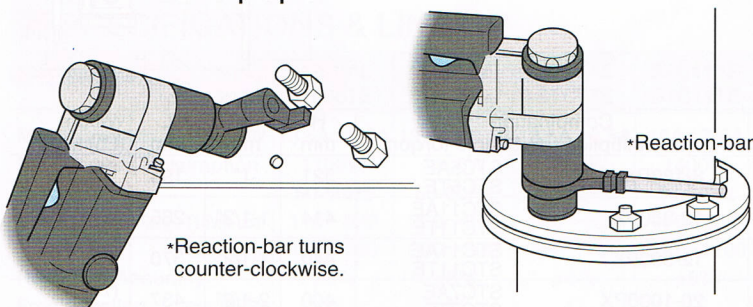
How to operate

Tightening

- ① Confirm rotating directions of socket and reaction-bar(counteracting).
- ② Watch distance between nut and reaction-bar prop to select L-foot or I-bar and mount it on Q-connector.
- ③ Mount Q-connector on wrench drive, then mount impact socket securely.



- ④ Install nut into socket and set reaction-bar to prop.



- ⑤ Adjust torque setting dial to required torque value.
- ⑥ Squeeze trigger switch. When required torque has been reached, wrench stops and tightening is over.



*Press switch intermittently till reaction-bar touches prop(support).

Attention

Some error is inevitable due to Torque-Coefficient that varies by different makes of bolts when setting required torque. If high precision torque setting is required, the use of dial-type torque wrench is recommended.

For queries, please contact the distributor.



For safe use

Read following cautions as well as cautions provided with individual tool carefully before use.

Read through enclosed instruction manual and preserve it positively so that it may be referred to any time upon necessity.

Manufactured by

TONE MAEDA METAL INDUSTRIES, LTD.

OSAKA JAPAN

● Specifications and the design are subject to change without notice.

Please look in on our homepage

<http://www.tonetool.co.jp>

mail to: overseas@tonetool.co.jp

Your Distributor