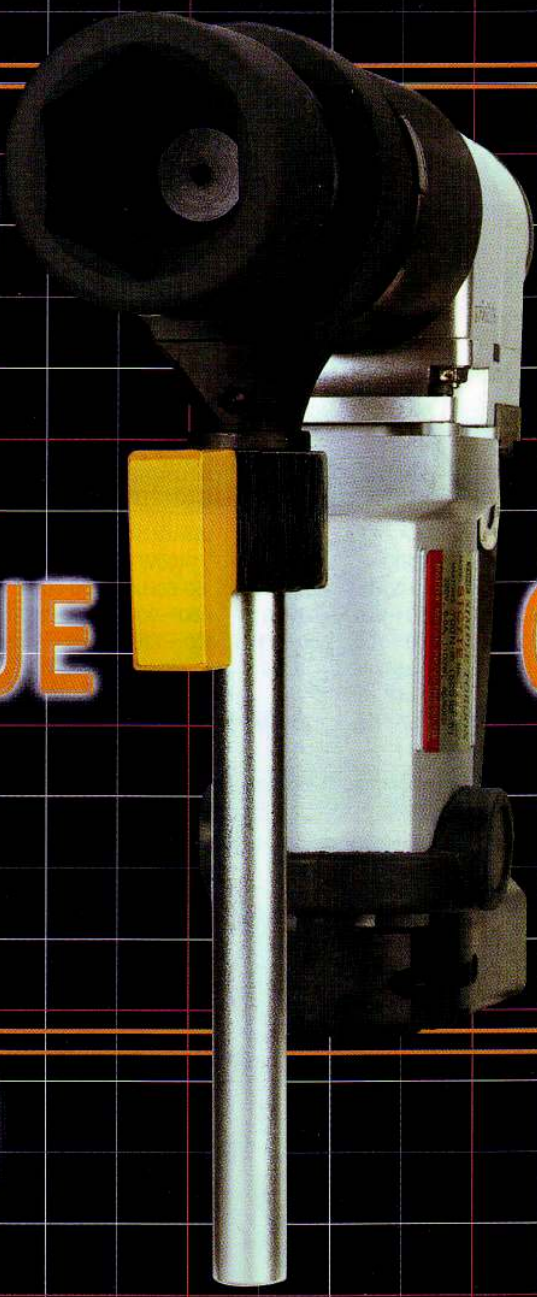
TONE®
[tɔne]

SIMPLE TORQON

ELECTRONIC TORQUE CONTROL WRENCH

STC-TYPE



TORQUE CONTROL

TONE® MAEDA METAL INDUSTRIES, LTD.

0002

SIMPLE TORQON(STC-type)

STC7TE

STC12AE

※Impact socket is not included in the set.

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 ±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.

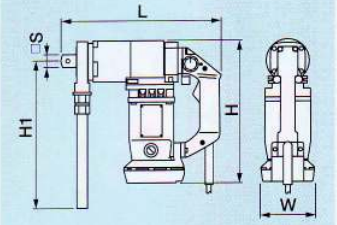
⑤ **Simple Design!**
All necessary functions are incorporated in the wrench for no distractions during torquing.

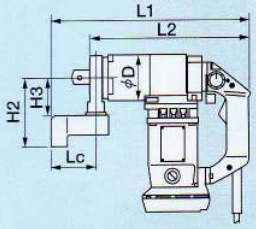
⑥ **Automatic shut-off at preset torque!**

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.Currenct 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)	110~220	220~370	260~520	370~810	450~900	750~1550
220V(N·m)	150~300	300~500	350~700	500~1100	600~1200	1000~2100
Repeated Accuracy	±5%	±5%	±5%	±5%	±5%	±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

unit : mm

	□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

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

SR72E

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

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

SIMPLE TORQON(STC-type)

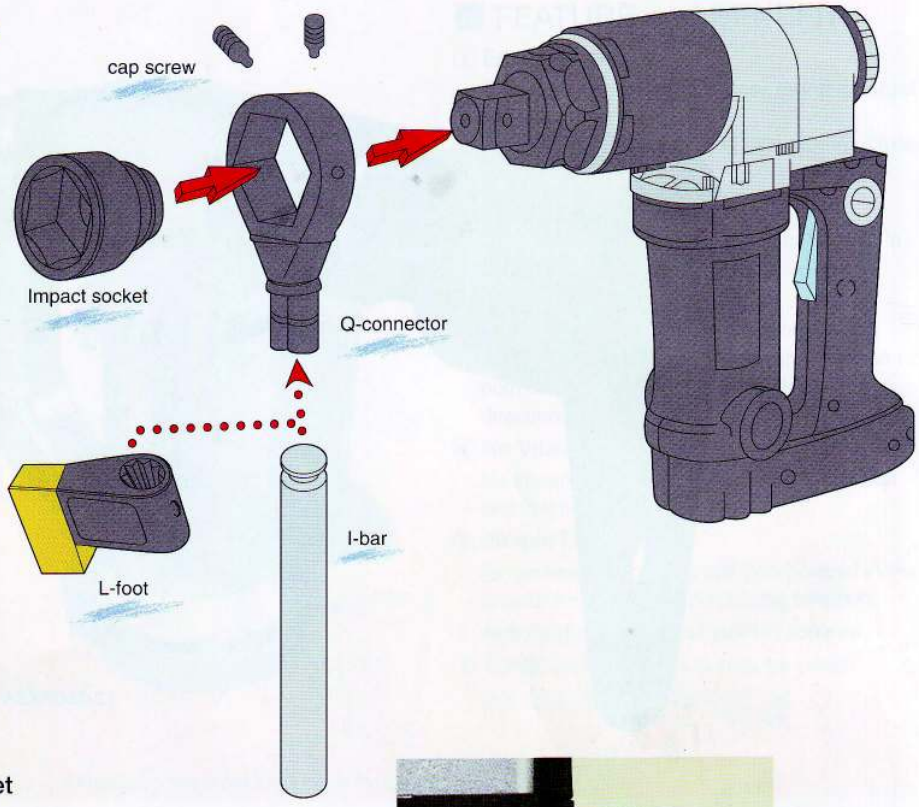
How to operate

Tightening

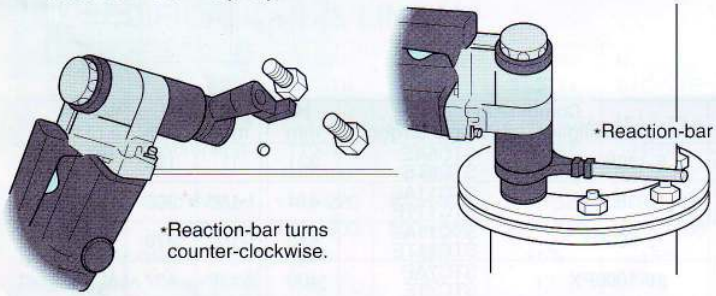
① Confirm rotating directions of socket and reaction-bar(counteracting).

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.

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

⑥ Squeeze trigger switch. When required torque has been reached, wrench stops and tightening is over.

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 exclosed instruction manual and preserve it positively so that it may 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
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Your Distributor