

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!

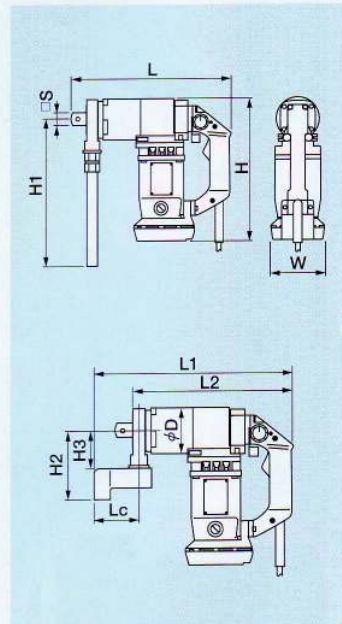
Use only impact sockets.



※ Impact socket is not included in the set.

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)		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		$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$
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)



SR72E

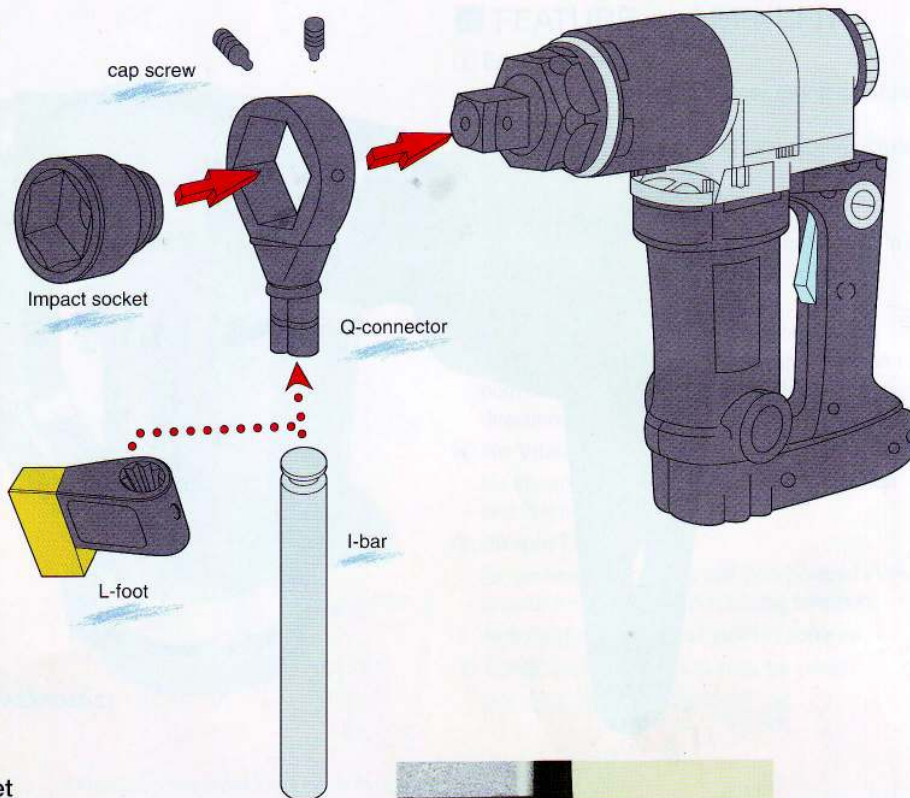
Model No.	Controllable Torque Range	Bar Socket	Bolt Dia.	Bar Socket Model No.
SR31E 115V	110~ 220 ft·Lbs	for MRU Series	M16 · 5/8"	MRU27T
SR32E 220V	150~ 300 N·m		M20 · 3/4"	MRU32T
SR51E 115V	220~ 370 ft·Lbs		M22	MRU36T
SR52E 220V	300~ 500 N·m		7/8"	MRUB46Z
SR71E 115V	260~ 520 ft·Lbs	for HRU Series	M24 · 1"	MRU41T
SR72E 220V	350~ 700 N·m		M27 · 1-1/8"	HRU46T
SR121E 115V	450~ 900 ft·Lbs	for VRU Series	M30	VRU50T
SR122E 220V	600~1200 N·m		1-1/4"	SRUB64Z
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			

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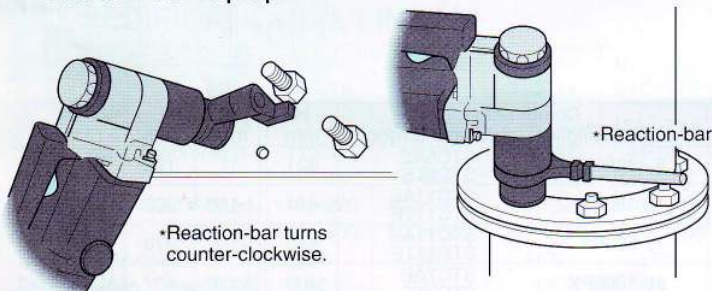
How to operate

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 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

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Your Distributor