

ATG/BTG

Analog Torque Gauge

Dial Indicating 3-jaw Chuck Direct Reading

Direction



ATG6CN



BTG36CN

- Compact portable handheld design
- Top and side scales for easy reading
- Three fingered keyless chuck

Accuracy ±2%

S.I. Model	Torque Range [cN·m]		Metric Model	Torque Range [gf·cm/kgf·cm]		American Model	Torque Range [ozf·in/lbf·in]		Chuck Grip [mm]	Dimensions [mm]		Weight [kg]
	Min.-Max.	Grad.		Min.-Max.	Grad.		Min.-Max.	Grad.		Overall Length	Outside Diameter	
ATG045CN	0.05-0.45	0.01	45ATG	gf·cm 5-45	1	ATG06Z	ozf·in 0.06-0.6	0.01	φ1-φ6.5	99	43.5	0.18
ATG09CN-S	0.1-0.9	0.02	90ATG-S	10-90	2	ATG1.5Z-S	0.2-1.5	0.02				
ATG1.5CN-S	0.2-1.5		150ATG-S	20-150		ATG2.4Z-S	0.3-2.4	0.05				
ATG3CN-S	0.3-3	0.05	300ATG-S	30-300	5	ATG4.5Z-S	0.5-4.5	0.1				
ATG6CN-S	0.6-6	0.1	600ATG-S	60-600	10	ATG9Z-S	1-9	0.2				
ATG12CN-S	1-12	0.2	1200ATG-S	100-1200	20	ATG18Z-S	2-18	0.5				
ATG24CN-S	3-24	0.5	2400ATG-S	300-2400	50	ATG36Z-S	4-36	0.5				
-	-	-	-	-	-	BTG60Z-S	6-60	1				
-	-	-	-	-	-	BTG120Z-S	10-120	2				
BTG15CN-S	2-15	0.2	1.5BTG-S	0.2-1.5	0.02	1.5BTG-A-S	0.1-1.5	0.02				
BTG24CN-S	3-24	0.5	2.4BTG-S	0.3-2.4	0.05	2.4BTG-A-S	0.3-2.4	0.02				
BTG36CN-S	4-36		3.6BTG-S	0.4-3.6		3.6BTG-A-S	0.4-3.6	0.05				
BTG60CN-S	6-60	1	6BTG-S	0.6-6	0.1	6BTG-A-S	0.6-6	0.1				
BTG90CN-S	10-90		9BTG-S	1-9		9BTG-A-S	1-9	0.1				
BTG150CN-S	20-150		15BTG-S	2-15		15BTG-A-S	2-15	0.2				

ATG Optional Accessories

Part #	Description
322	Plastic Case and Chuck

- Note
1. ATG045CN, 45ATG and ATG06Z are provided without side or top memory pointer.
 2. "Without memory pointer" models are available. Remove "-S" from the model name when ordering. Ex. ATG09CN, BTG15CN
 3. Aluminum case and steel chuck are standard for ATG models. Plastic case and chuck can be ordered separately.

ATGE-G

Digital Torque Gauge

Digital 3-jaw Chuck Direct Reading Battery

Direction



ATGE5CN-G



- Digital torque gauge with pull out display
- For measurement, inspection and tightening of low torque range
- 3 way configuration; hand-held, table top or as a torque meter with testing fixture

Accuracy ±2%+1digit

Model	Torque Range				Chuck Grip [mm]	Dimensions [mm]		Weight [kg]
	[cN·m] Min.-Max. 1 digit	[mN·m] Min.-Max. 1 digit	[gf·cm] Min.-Max. 1 digit	[ozf·in] Min.-Max. 1 digit		Overall Length	Outside Diameter	
ATGE05CN-G	0.1-0.5	0.001	1-5	0.01	10-50	0.1	0.15-0.7	0.001
ATGE1CN-G	0.2-1	0.001	2-10	0.01	20-100	0.1	0.3-1.4	0.001
ATGE2CN-G	0.4-2	0.002	4-20	0.02	40-200	0.2	0.6-2.8	0.002
ATGE5CN-G	1-5	0.005	10-50	0.05	100-500	0.5	1.5-7	0.005
ATGE10CN-G	2-10	0.01	20-100	0.1	200-1000	1	3-14	0.01
ATGE20CN-G	4-20	0.02	40-200	0.2	400-2000	2	6-28	0.02

Note Aluminum case and steel chuck are standard for ATGE-G models. Plastic case and chuck/322 (page 56) is sold separately.

Standard Accessories Carrying case

ATGE-G Common Specifications

Direction	CW/CCW
Display	7 segment LCD display, Counter 3 digits (character height 3mm), Torque value: 4 digits (character height 7mm) Torque unit, Battery indicator, Direction
Mode	PEAK/RUN
Data Memory	999 readings
Statistic Processing	Sample size, Max. value, Min. value, Mean value
Data Output	USB output (USB mini B connector)
Power	Coin-type lithium battery (CR2450)
Continuous in Use	approx. 10 hours when using coin battery
Other Functions	Auto power off (3 min.), Auto memory reset (0.5-5) seconds variable, Auto zero adjustment, Residual battery indicator (4 steps), Buzzer ON/OFF, Unit Conversion
Operating Temperature	0-40 °C
Standard Options	Carrying case

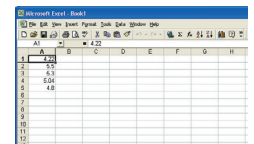
Calibration Kit for ATG/BTG/ATGE-G/BTGE-G



* Sold separately. Refer to page 59.

ExRcv Software

The ExRcv software allows for the transfer of collected torque data from various Tohnichi digital torque equipment into a Microsoft® Excel® worksheet. Tohnichi also provides customized software upon request.



ExRcv