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Torque Measuring Equipment

ATG / BTG Torque Gauge DIRECTION

 RoHS ANALOG 3-JAW CHUCK DIRECT READING

Features

- Torque gauge series designed to measure low torque from 0.5mN • m to 150cN • m
- Two Body Sizes: ATG smaller and BTG larger coordinate with torque ranges.
- Bi-directional operation handheld type torque gauge.
- Aluminum Threaded keyless 3-jaw chuck is standard. (order replacement #00T45502B for ATG & #00T04282A for BTG)
 - For ATG: plastic chuck #322 or steel chuck #321 are also available as optional accessories
- Push lock button holds the gauge in place while securing test object in the chuck
- The dial is scaled by 270 degrees with a stopper which prevents over-loading.
- Includes plastic storage case and certificate of calibration
- For calibration, use calibration kits ATGTCL for ATG, and BTGTCL for BTG (sold separately) or contact our repair dept.
- Top and Side scales feature memory pointers to insure easy and accurate torque reading from different angles.



ATG6CN [L'=89(mm)]



BTG36CN [L'=119(mm)]



Side and Top Memory Pointers

Specifications

Accuracy ±2%

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S. I. MODEL		WITHOUT MEMORY POINTERS	ATG045CN						
		WITH MEMORY POINTERS	—	ATG09CN-S	ATG1.5CN-S	ATG3CN-S	ATG6CN-S	ATG12CN-S	ATG24CN-S
TORQUE RANGE [cN • m]		MIN. ~ MAX.	0.05 ~ 0.45	0.1 ~ 0.9	0.2 ~ 1.5	0.3 ~ 3	0.5 ~ 6	1 ~ 12	3 ~ 24
		GRAD.	0.01	0.02		0.05	0.1	0.2	0.5
METRIC MODEL		WITHOUT MEMORY POINTERS	45ATG						
		WITH MEMORY POINTERS	—	90ATG-S	150ATG-S	300ATG-S	600ATG-S	1200ATG-S	2400ATG-S
TORQUE RANGE [gf • cm]		MIN. ~ MAX.	5 ~ 45	10 ~ 90	20 ~ 150	30 ~ 300	60 ~ 600	100 ~ 1200	300 ~ 2400
		GRAD.	1	2		5	10	20	50
AMERICAN MODEL		WITHOUT MEMORY POINTERS	ATG06Z						
		WITH MEMORY POINTERS	—	ATG1.5Z-S	ATG2.4Z-S	ATG4.5Z-S	ATG9Z-S	ATG18Z-S	ATG36Z-S
TORQUE RANGE [ozf • in]		MIN. ~ MAX.	0.06 ~ 0.6	0.2 ~ 1.5	0.3 ~ 2.4	0.5 ~ 4.5	1 ~ 9	2 ~ 18	4 ~ 36
		GRAD.	0.01	0.02	0.05	0.1	0.2	0.5	
MEMORY POINTER		TOP	—	Standard					
		SIDE	—	Standard					
DIMENSION [mm]	OVERALL LENGTH	L'	89						
	DIAMETER	D	43.5						
	CHUCK GRIP	Φd	1 ~ 6.5						
	SCALE DIA.	D1	35						
	BODY	L1	51						
WEIGHT [kg]			0.18						

Accuracy $\pm 2\%$

Accuracy ±2%												
S. I. MODELS					BTG15CN-S	BTG24CN-S	BTG36CN-S	BTG60CN-S	BTG90CN-S	BTG150CN-S		
TORQUE RANGE [cN • m]		MIN. ~ MAX.			2 ~ 15	3 ~ 24	4 ~ 36	6 ~ 60	10 ~ 90	20 ~ 150		
		GRAD.			0.2	0.5		1		2		
METRIC MODELS					1.5BTG-S	2.4BTG-S	3.6BTG-S	6BTG-S	9BTG-S	15BTG-S		
TORQUE RANGE [kgf • cm]		MIN. ~ MAX.			0.2 ~ 1.5	0.3 ~ 2.4	0.4 ~ 3.6	0.6 ~ 6	1 ~ 9	2 ~ 15		
		GRAD.			0.02	0.05		0.1		0.2		
AMERICAN MODELS					BTG60Z-S	BTG120Z-S	1.5BTG-A-S	2.4BTG-A-S	3.6BTG-A-S	6BTG-A-S	9BTG-A-S	15BTG-A-S
TORQUE RANGE [ozf • in/lbf • in]		MIN. ~ MAX.			ozf • in 6 ~ 60	10 ~ 120	lbf • in 0.1 ~ 1.5	0.3 ~ 2.4	0.4 ~ 3.6	0.6 ~ 6	1 ~ 9	2 ~ 15
		GRAD.			ozf • in 1	2	lbf • in 0.02		0.05	0.1		0.2
MEMORY POINTER		TOP			Standard Standard							
		SIDE										
DIMENSION [mm]	OVERALL LENGTH	L'	119									
	DIAMETER	D	64.2									
	CHUCK GRIP	Φd	1 ~ 8.5									
	SCALE DIA.	D1	53									
	BODY	L1	67									
WEIGHT [kg]			0.52									

Part Number	Description	Application Models
00T45502A	Plastic Chuck with Metal Teeth	All ATG Models
#322	All Plastic Chuck	
#321	All Steel Chuck	

Notes

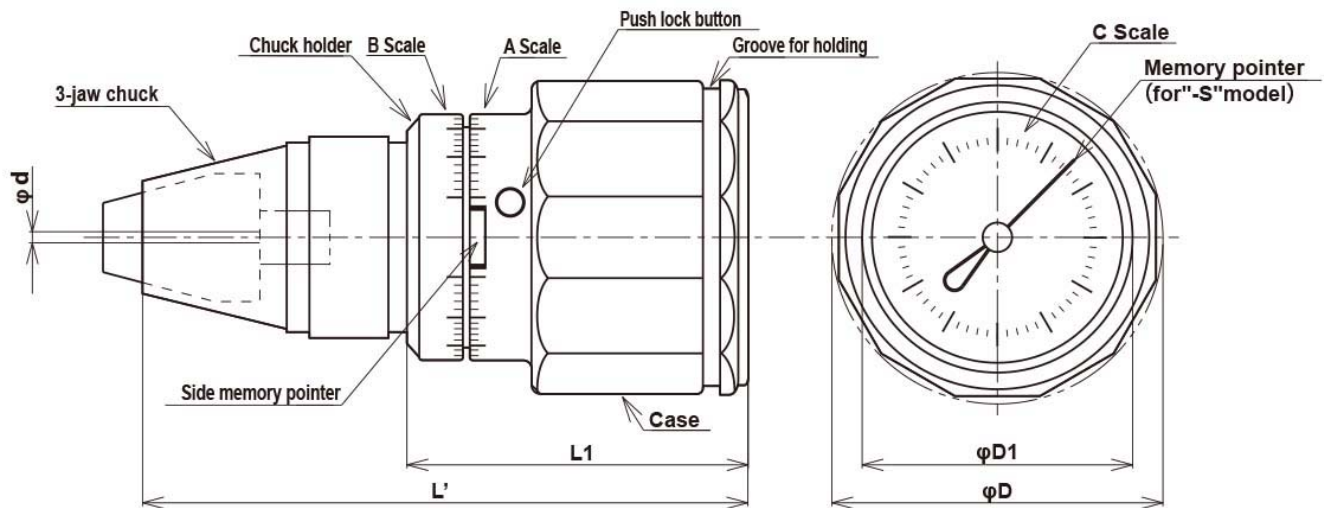
1. When measuring with the ATG/BTG (-S), be sure to clamp at least 10mm of the object to be measured inside the chuck.
2. Models 45ATG, ATG06Z and ATG045CN are only available without side and top memory pointers.

To purchase from Amazon click on model name

Standard accessories included

- 00T45502B Aluminum Chuck for ATG
- 00T04282A Aluminum Chuck for BTG

Dimensions



Accessories



Test Equipment