



BEARING & TOOL CENTRE

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BLUE MICRON CALIBRATION CENTRE
(TRACEABLE TO NPL / NABL)

RELIEF SERVICE CENTRE
Removal of Jaw Error, Bore Gauge, Extension & Instrument Modifications and Spares

Quotation

108 | Torque Wrench – Britool (England)

Size – Nm	Disc.	2.5 – 11	5 – 33	12 – 68	25 – 135	50 – 225
Model no		AVT 100A	AVT 300A	EVT 600 A	EVT 1200 A	EVT 2000 A
Rs.	30	10137	10296	10781	11449	11944

Size – Nm	Disc.	70 – 330	140 – 560	480 – 940	480 – 940	
Model no		EVT 3000 A	HVT 5000	HVT 7200	GVT 8400	
Rs.	30	13570	33006	33731	52486	

108 – 1 | Torque Wrench – Ratchet Type - Britool (England)

Size – Nm	Disc.	40 - 210	70 – 350
Model no		E200T	E340T
Rs.	30%	8134	8906

108 - 2 | Torque Wrench – Griphold

Sr. No.	Model		Square Drive	Capacities			Unit Price (Rs.)	
	Standard	Ratchet		Ft. Lbs.	Kgf. Mtrs	Nm.Mtrs.	Standard	Ratchet
1.	GTW-10	GTW-10R	3/8"	2-10	0.3-1.4	3-14	2130	2670
2.	GTW-25	GTW-25R	3/8"	5-25	0.5-3.5	5-35	2495	2875
3.	GTW-50	GTW-50R	1/2"	10-25	1-7	14-68	2900	3515
4.	GTW-100	GTW-100R	1/2"	20-100	3-14	25-135	3240	4115
5.	GTW-160	GTW-160R	1/2"	40-160	5-23	50-220	3515	4465
6.	GTW-250	GTW-250R	1/2"	50-250	7-35	70-340	3915	4890
7.	GTW-400	GTW-400R	3/4"	100-400	14-56	135-540	7475	9490
8.	GTW-500	GTW-500R	3/4"	100-500	14-70	135-675	8680	10635
9.	GTW-750	GTW-750R	3/4"	350-750	49-105	475-1015	13620	17090
10.	GTW-750	GTW-750R	1"	350-750	49-105	475-1015	14465	18170
11.	GTW-1000	GTW-1000R	1"	400-1000	55-140	540-1380	17420	20245
12.	GTW-1400	GTW-1400R	1"	750-1400	105-195	1000-1900	29300	31270
13.	GTW-2000	GTW-2000R	1"	1000-2000	135-275	1350-2700	31075	34610

è **Disc. @ 30% on above**

108 – 3	Torque Wrench – Insize Make
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Size – Nm	6 – 30	19 – 110	40 – 210	70 – 350
Rs.	5093	5679	7748	10897
Model no (IST)	WM30	WM110	WM210	WM350

*** Warranty – 6 Months , Certificate – No

108 – 4	Digital Torque Wrench – Insize Make
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Size – Nm	6 – 30	27 – 135	40 – 200
Rs.	16989	17942	20275
Model no (IST)	W 30A	W 135A	W 200A

*** Warranty – 6 Months , Certificate – No

Conversion Table

Lbs. ft. X 1.356 = N.m.	N.m. X 0.7376 = Lbs. ft.	Kgf. mts. X 7.233 = Lbs. ft.
Lbs. ft. X 0.138 = Kgf. mts.	N.m. X 0.102 = Kgf. mts.	Kgf. mts X 9.807 = N.m.

Terms & Conditions –

- ✚ Goods offered - Subject to Prior Sale
- ✚ Price Validity: "15 Days from Date of Quotation"
- ✚ C.S.T 2% extra against form C. Otherwise 5% without form C For Out of Gujarat Sales only.
- ✚ VAT 5% extra for Sales within Gujarat. Prices Ex-Godown Ahmedabad.
- ✚ Payment against Proforma Invoice, Packing, Forwarding & Freight extra.
- ✚ **Bank Detail** – Kotak Mahindra Bank Ltd.
- ✚ **Branch** – Shivranjini
- ✚ **Bank IFSC Code** - KKBK 0000 810
- ✚ **Bank Account No.** 08102 00000 2689
- ✚ Note - While making payment online do mention your Company's name.
- ✚ TIN NO 24070901229 , CST No. 24570901229
- ✚ We are looking forward to your valued orders.
- ✚



ACCESSIBILITY
Compact design ideal for restricted access

DURABILITY
Proven to be one of the most robust products in the market, the first choice for arduous conditions

ACCURACY
Exceeds requirements of ISO 6789

SCALE
Multiple scales - Nm, kg.m, lbf.in and lbf.ft are branded into steel tube, giving reliability for the life of the product

FLEXIBILITY
Push-through square drive for left and right hand operation

SETTING
Retractable adjuster knob cannot be altered by accident

SERVICE
Fully repairable with dedicated service kits

• Certified accuracy to $\pm 4\%$

AVT100A



3/8" Classic

Part No.	Square Drive	Torque range Nm	Length mm	Box Qty	M.R.P
AVT100A	3/8	2.5-11	318	1	9,364
AVT300A	3/8	5-33	422	1	8,512
AVT600	3/8	12-68	476	1	9,960

EVT600A



EVT3000A



1/2" Classic

Part No.	Square Drive	Torque range Nm	Length mm	Box Qty	M.R.P
EVT600A	1/2	12-68	476	1	9,960
EVT1200A	1/2	25-135	546	1	10,577
EVT2000A	1/2	50-225	597	1	11,034
EVT3000A	1/2	70-330	825	1	12,538

HVT5000



GVT8400



3/4" & 1" Classic

Part No.	Square Drive	Torque range Nm	Length mm	Box Qty	M.R.P
HVT5000	3/4	140-580	1130	1	26,066
HVT7200	3/4	200-810	1181	1	26,670
GVT8400	1	480-940	1397	1	38,612

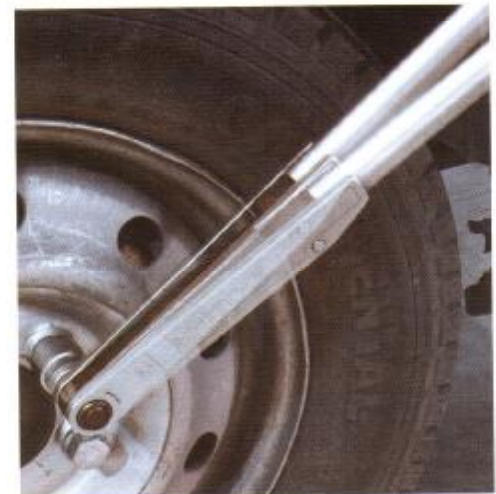
• Exceeds the requirements of ISO 6789



Torque Measurement Conversion Chart

TO CONVERT FROM	TO CONVERT TO								
	mN.m	cN.m	N.m	daN.m	cm.kg	m.kg	in.oz	in.lb	ft.lb
millinewton metre	centinewton metre	newton metre	decanewton metre	centimetre kg	metre kg	inch-ounce	inch-pound	foot-pound	
1	0.1	0.001	0.0001	0.0102	0.000102	0.1418	0.00886	0.000738	
10	1	0.01	0.001	0.102	0.00102	1.418	0.0886	0.00738	
1Nm	1000	100	0.1	10.2	0.102	141.8	8.863	0.738	
1daNm	10000	1000	10	1	10.2	1418	88.63	7.38	
1cm.kg	98	9.8	0.98	0.098	1	0.01	13.9	0.0724	
1m.kg	9810	981	98.1	9.8	100	1	1390	88.96	7.24
1in.oz	7.05	0.705	0.00705	0.007	0.072	0.0072	1	0.063	0.0062
1in.lb	112.8	11.28	0.1128	0.01128	1.152	0.0115	16	1	0.083
1ft.lb	1350	135	1.35	0.135	13.8	0.138	192	12	1

Convert 10 ft.lb to N.m, 10ft.lb x 1.35 = 13.5 N.m



Non-Ratcheting Head Model



Specifications

Part No.	Capacity						Square Drive Inches (mm)	Head Dimensions in mm		Approx. OAL in mm (at min. capacity)	Approx. Weight in Kgs.
	Ft. Lbs.		Kgf. Mtrs.		N. Mtrs.			Width	Depth (Without Bit)		
	Range	LC	Range	LC	Range	LC					
GTW-10	2-10	0.5	0.3-1.4	0.1	3-14	0.5	3/8" (9.5)	25	18	315	0.60
GTW-25	5-25	1	0.5-3.5	0.2	5-35	2	3/8" (9.5)	25	18	345	0.65
GTW-50	10-50	2	1-7	0.2	14-68	2	1/2" (12.7)	30	22	480	1.50
GTW-100	20-100	2	3-14	0.5	25-135	5	1/2" (12.7)	32	28	600	2.05
GTW-160	40-160	5	5-23	1	50-220	5	1/2" (12.7)	32	28	600	2.35
GTW-250	50-250	5	7-35	1	70-340	10	1/2" (12.7)	32	28	730	2.65
GTW-400	100-400	10	14-56	1	135-540	15	3/4" (19.0)	49	36	1030	7.00
GTW-500	100-500	10	14-70	2	135-675	15	3/4" (19.0)	49	36	1110	8.00
GTW-750	350-750	20	49-105	2	475-1015	20	3/4" (19.0)	57	44	1390	13.50
GTW-1000	400-1000	20	55-140	5	540-1380	40	1" (25.4)	65	44	1400	15.00
GTW-1400	750-1400	25	105-195	5	1000-1900	50	1" (25.4)	72	44	1540	19.50
GTW-2000	1000-2000	40	135-275	5	1350-2700	75	1" (25.4)	75	47	1690	24.00

LC - Least Count

Accuracy ± 3%

Ratcheting Head Model



Specifications

Part No.	Capacity						Square Drive Inches (mm)	Head Dimensions in mm		Approx. OAL in mm (at min. capacity)	Approx. Weight in Kgs.
	Ft. Lbs.		Kgf. Mtrs.		N. Mtrs.			Width	Depth (Without Bit)		
	Range	LC	Range	LC	Range	LC					
GTW-10R	2-10	0.5	0.3-1.4	0.1	3-14	0.5	3/8" (9.5)	30	18	340	0.70
GTW-25R	5-25	1	0.5-3.5	0.2	5-35	2	3/8" (9.5)	30	18	380	0.80
GTW-50R	10-50	2	1-7	0.2	14-68	2	1/2" (12.7)	46	22	520	1.80
GTW-100R	20-100	2	3-14	0.5	25-135	5	1/2" (12.7)	52	31	660	2.35
GTW-160R	40-160	5	5-23	1	50-220	5	1/2" (12.7)	52	31	660	2.65
GTW-250R	50-250	5	7-35	1	70-340	10	1/2" (12.7)	52	31	785	3.00
GTW-400R	100-400	10	14-56	1	135-540	15	3/4" (19.0)	67	40	1120	8.50
GTW-500R	100-500	10	14-70	2	135-675	15	3/4" (19.0)	67	40	1190	9.50
GTW-750R	350-750	20	49-105	2	475-1015	20	3/4" (19.0)	83	44	1500	15.50
GTW-1000R	400-1000	20	55-140	5	540-1380	40	1" (25.4)	83	44	1520	17.50
GTW-1400R	750-1400	25	105-195	5	1000-1900	50	1" (25.4)	98	52	1605	21.50
GTW-2000R	1000-2000	40	135-275	5	1350-2700	75	1" (25.4)	100	52	1750	26.00

LC - Least Count

Accuracy $\pm 3\%$

Torque Screw Driver



MODEL NO.	TORQUE CAPACITY						SQUIRE DRIVE	WEIGHT
	KGF CM		NM		LBF IN			
	RANGE	LC	RANGE	LC	RANGE	LC		
TMSD 15	1-15	.5	.1-15	.20	1-15	2	1/4"	.600 KG
TMSD 50	10-50	5	1-15	.50	10-50	5	1/4"	.350 KG

Torque Multipliers



MODEL NO.		TORQUE CAPACITY			FACTOR	FEMALE INPUT SQ. IN.	MALEOUT PUT SQ. IN.	RECOMMENDED TORQUE WRENCH
PLATE TYPE	HANDLE TYPE	LBFT	KGM	NM				
TM-1	TMH-1	1250	170	1700	5	1/2	3/4	TM 250R
TM-2	TMH-2	1250	170	1700	5	1/2	1	TM 250R
TM-2/25	TMH-2/25	1250	170	1700	25	1/2	1	TM 100R
TM-5	TMH-5	2000	275	2750	5	3/4	1	TM 400R
TM-5/25	TMH-5/25	2000	275	2750	25	1/2	1	TM 100R
TM-6		2500	345	3450	5	3/4	1.1/2	TM 500R
TM-6/25		2500	345	3450	25	1/2	1.1/2	TM 100R
TM-7		4500	622	6220	5	3/4	1.1/2	TM 400R
TM-7/25		4500	622	6220	25	1/2	1.1/2	TM 250R
TM-7/25 SD		4500	622	6220	25	1/2	1.1/2	TM 250R
TM-7/125		4500	622	6220	125	1/2	1.1/2	TM 50R
TM-7/125 SD		4500	622	6220	125	1/2	1.1/2	TM 50R
TM-9/25		7000	968	9680	25	3/4	1.1/2	TM 400R
TM-9/125		7000	968	9680	125	1/2	1.1/2	TM 100R
TM-11/25		1250	1734	17340	25	3/4	2.1/2	TM 500R
TM-11/125		1250	1734	17340	125	1/2	2.1/2	TM 160R
TM-13/125		35000	4845	48450	125	3/4	2.1/2	TM 400R

Torque Wrenches are of four types



- Standard Model: These Torque Wrenches are available to cover a torque range from 2Lb Ft. to 2000 Lb Ft./ 0.3 Kg.Mts. to 275 Kg.Mts. and 3 NM to 2700NM in 12 different Models with Square Drive 3/8" to 1".



- Production Torque Wrenches: These Torque Industrial Wrenches are pre-set with one particular torque for repetitive production applications. the advantages of this type torque wrench is to prevent the tampering of torque setting during assembly and to save considerable time.



- Ratchet Head Model: This Torque Industrial Wrench has a built in ratchet mechanism for working in confined area. These torque wrenches are also available to cover a torque range from 2lb Ft. to 2000 Lb Ft./ 0.3 Kg.Mts. to 275 Kg.Mts. and 3 NM to 2700NM in 12 different Models with Square Drive 3/8" to 1"



- Open Jaw Fixed Type Torque Wrenches: This is a type of torque wrench fitted with an open jaw adaptor and set a pre-determined torque. Places where vertical clearance is restricted to permit the use of an industrial sockets and a torque wrench, this torque wrench is suitable for torquing nuts. These are available to cover across flat sizes from 10mm to 46mm with torque preset to one value as per requirement.

Hex Adaptors



Hex Adaptors are used for tightening of sockets cap screws and bolts. These are available in 1/4" to 1" square drives to cover across flat sizes from 3mm to 36mm and 1/8" to 1 1/8" in standard and extra lengths for manual as well as impact use.

Impact Sockets



Features of industrial impact sockets are greater wall thickness for resisting impact loads, special heat treatment for toughness and strength, a black industrial finish and the cross hole retaining feature. Impact sockets are available in 1/4" to 2 1/2" square drives from 6mm to 160mm across flat of Nut/Bolt. (1/4" to 6 1/4" SAE). Caution : These sockets are for use with impact wrenches. Eye protection should always be used while using impact equipment.

3/8" Sq. Drive Single Hex Impact Sockets (Metric)

Part No	Nom Size A/F	Sockets End Dia	Drive End Dia	Approx. OAL
ISI-8	8	14.0	20.0	32
ISI-10	10	16.6	20.0	32
ISI-11	11	17.8	20.0	32
ISI-12	12	19.1	20.0	32
ISI-13	13	20.3	20.0	32
ISI-14	14	21.6	20.0	32
ISI-15	15	22.8	20.0	32
ISI-17	17	25.3	22.0	32
ISI-18	18	26.6	22.0	32
ISI-19	19	27.8	25.0	32



- BRITOOOL TORQUE WRENCH – WITH RATCHET – RATCHET TYPE.

The Britool E340T Ratchet Torque Wrench is a quality product from a name you can trust. With 1/2" square drive and torque level range from 70-350Nm. This wrench works to an accuracy of +/- 4 and emits touch and sound signals on reaching a preset torque level, for added accuracy. Also features handy automatic reset function.

Square drive: 1/2"
Torque level: 70-350Nm
Length: 630mm
Weight: 1.790kg
Accuracy: +/- 4%

Britool E200T

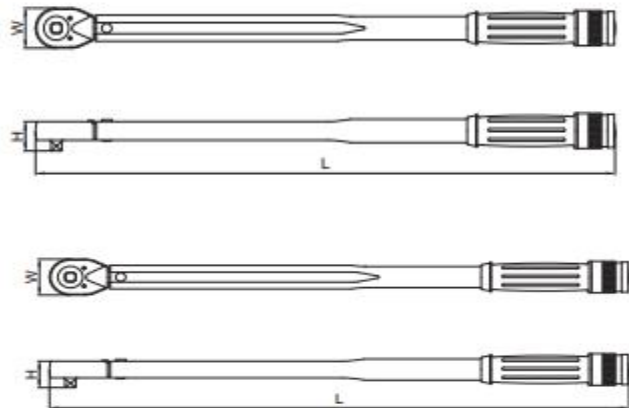
The Britool E200T torque wrench is a quality product from a name you can trust. With 1/2" square drive and torque level range from 40-210Nm. This wrench works to an accuracy of +/- 4 and emits touch and sound signals on reaching a preset torque level, for added accuracy. Also features handy automatic reset function.

- Square drive: 1/2"
- Torque level: 40-210Nm
- Length: 510mm
- Weight: 1.46kg
- Accuracy: +/- 4%

TORQUE WRENCH



IST-WM110



Set torque:



step 1: unlock



step 2: set



step 3: lock

SPECIFICATION

Code	IST-WM30	IST-WM110	IST-WM210	IST-WM350
Range(clockwise)	6-30N.m	19-110N.m	40-210N.m	70-350N.m
Accuracy	±4%	±4%	±4%	±4%
Graduation	0.2N.m	0.5N.m	1N.m	2.5N.m
Square driver(D)	1/4"	3/8"	1/2"	1/2"
Dimension(L×W×H)	295×28×20mm	385×37×27mm	530×47×33mm	645×47×37mm
Weight	740g	960g	1700g	2540g

DIGITAL TORQUE WRENCH



- Clockwise and counter-clockwise operation
- Unit: N.m, in.lb, ft.lb, kg.cm
- Peak and track working mode
- Target torque value can be set, with audible and visible alarm:
8 green LED light on and buzzer sounds when target torque value is approached
4 red LED light on and buzzer sounds when target torque value is reached
- Power off automatically in 5 minutes without any operations
- Non-slip grip handle
- With overload record (once the torque reaches 110% of the maximum range)

SPECIFICATION

Code	IST-W30A	IST-W135A	IST-W200A
Range	6-30N.m	27-135N.m	40-200N.m
Accuracy	clockwise	±2%	±2%
	counter-clockwise	±3%	±3%
Resolution	0.01N.m	0.1N.m	0.1N.m
Lever-type ratchet (L)	1/4"	3/8"	1/2"
Ratchet tooth number	36		
Power supply	2xAA batteries, for 110 hours working		
Length	390mm	415mm	530mm
Weight	830g	950g	1400g