



BEARING & TOOL CENTRE



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Our Sister Concern : RELIEF SERVICE CENTRE

Repairs, Removal of Jaw Error, Bore Gauge Extension, Instrument Modifications & Spares

Quotation

127 | Torque Wrench – Britool (England)

Size – Nm	D %	2.5 – 11	5 – 33	12 – 68	25 – 135	50 – 225
Code		AVT 100A	AVT 300A	EVT 600 A	EVT 1200 A	EVT 2000 A
Rs.	30	11448	11669	12219	12975	13536
Catalog		Page No – 3	Page No – 3	Page No – 3	Page No – 3	Page No – 3

Size – Nm	D %	70 – 330	140 – 560	200 – 810	480 – 940	
Code		EVT 3000 A	HVT 5000	HVT 7200	GVT 8400	
Rs.	30	15380	37406	38229	62471	
Catalog		Page No – 3	Page No – 3	Page No – 3	Page No – 3	

127 – 1 | Torque Wrench – Ratchet Type - Britool (England)

Size – Nm	D %	40 - 210	60 – 340
Code		E200T	E340T
Rs.	10	8930	9370
Catalog		Page No – 4	Page No – 4

127 - 2 | Torque Wrench – Griphold With @ 30% Discount

Sr. No.	Code		Square Drive	Catalog	Capacities			Unit Price (Rs.)	
	Standard	Ratchet			Ft. Lbs.	Kgf. Mtrs	Nm.Mtrs.	Standard	Ratchet
1.	GTW-10	GTW-10R	3/8"	Page No – 5, 6	2-10	0.3-1.4	3-14	2450	3075
2.	GTW-25	GTW-25R	3/8"	Page No – 5, 6	5-25	0.5-3.5	5-35	2870	3310
3.	GTW-50	GTW-50R	1/2"	Page No – 5, 6	10-25	1-7	14-68	3335	4045
4.	GTW-100	GTW-100R	1/2"	Page No – 5, 6	20-100	3-14	25-135	3730	4735
5.	GTW-160	GTW-160R	1/2"	Page No – 5, 6	40-160	5-23	50-220	4045	5135
6.	GTW-250	GTW-250R	1/2"	Page No – 5, 6	50-250	7-35	70-340	4505	5625
7.	GTW-400	GTW-400R	3/4"	Page No – 5, 6	100-400	14-56	135-540	8600	10915
8.	GTW-500	GTW-500R	3/4"	Page No – 5, 6	100-500	14-70	135-675	9985	12230
9.	GTW-750	GTW-750R	3/4"	Page No – 5, 6	350-750	49-105	475-1015	15666	19655
10.	GTW-750	GTW-750R	1"	Page No – 5, 6	350-750	49-105	475-1015	16635	20900
11.	GTW-1000	GTW-1000R	1"	Page No – 5, 6	400-1000	55-140	540-1380	20035	23285
12.	GTW-1400	GTW-1400R	1"	Page No – 5, 6	750-1400	105-195	1000-1900	33695	35965
13.	GTW-2000	GTW-2000R	1"	Page No – 5, 6	1000-2000	135-275	1350-2700	35740	39805

127 – 3 | Torque Wrench – Insize Make

Size – Nm	6 – 30	19 – 110	40 – 210	70 – 350
Rs.	4570	4815	5701	7669
Code (IST)	WM30	WM110	WM210	WM350
Catalog	Page No – 13	Page No – 11	Page No – 11	Page No – 11

*** Warranty – 12 Months , Certificate – No

127 – 4 | Torque Wrench – Clockwise Operation Only – Insize Make

Size – Nm	5 – 25	10 – 60	20 – 100	40 – 200	60 – 340
Rs.	7743	8341	9767	10076	10644
Model no (IST)	2WM25	2WM60	2WM100	2WM200	2WM340
Catalog	Page No – 12	Page No – 12	Page No – 12	Page No – 12	Page No – 12

127 – 5 | Digital Torque Wrench – Insize Make

Size – Nm	6 – 30	27 – 135	40 – 200
Rs.	19201	19688	22248
Code (IST)	W 30A	W 135A	W 200A
Catalog	Page No – 13	Page No – 13	Page No – 13

127 – 6 | Torque Wrench – Groz Make With @ 22% Discount

Sr. No.	Catalog No. / Model No.	Square Drive	Capacities		Overall Length		Catalog	Net Weight (Kg.)	Unit Price (₹)
			Inch	Nm.Mtrs.	Fine Scale (Nm)	Inch			
1.	TQW/RT/3-8/50	3/8"	10 – 50	0.1	15.7	400	Page No – 15	0.983	8585
2.	TQW/RT/1-2/100	1/2"	20 – 100	0.5	15.7	400	Page No – 15	0.998	9062
3.	TQW/RT/1-2/200	1/2"	40 – 200	0.5	20.4	517	Page No – 15	1.36	9540
4.	TQW/RT/1-2/340	1/2"	60 – 340	1	24.4	620	Page No – 15	1.73	10495
5.	TQW/RT/3-4/750	3/4"	150 – 750	2.5	47.6	1210	Page No – 15	5.85	31503
6.	TQW/RT/0-1/1000	1"	200 – 1000	2.5	59.0	1500	Page No – 15	7.43	47737

*** 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	9,512
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	625	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	140-560	1130	1	26,096
HVT7200	3/4	200-810	1181	1	26,870
GVT8400	1	480-940	1397	1	39,612

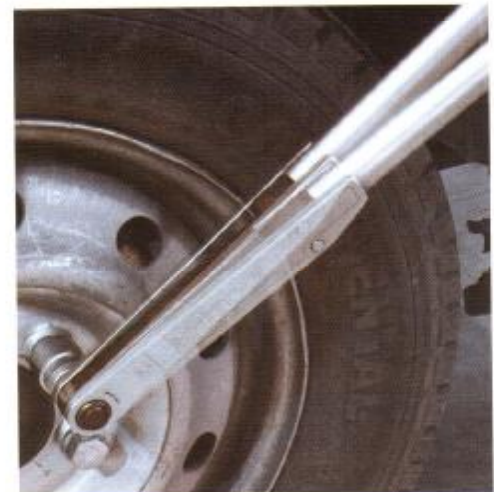
• Exceeds the requirements of ISO 6789



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
1mN.m	1	0.1	0.001	0.0001	0.0102	0.000102	0.1418	0.00886	0.000738
1cN.m	10	1	0.01	0.001	0.102	0.00102	1.418	0.0886	0.00738
1N.m	1000	100	1	0.1	10.2	0.102	141.8	8.863	0.738
1daN.m	10000	1000	10	1	102	1.02	1418	88.63	7.38
1cm.kg	98	9.8	0.098	0.0098	1	0.01	13.3	0.865	0.0724
1m.kg	9810	981	9.81	0.98	100	1	1360	86.96	7.24
1in.oz	7.05	0.705	0.00705	0.0007	0.072	0.0072	1	0.063	0.0052
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





- 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%

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 $\pm 3\%$

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 ± 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	TM-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.

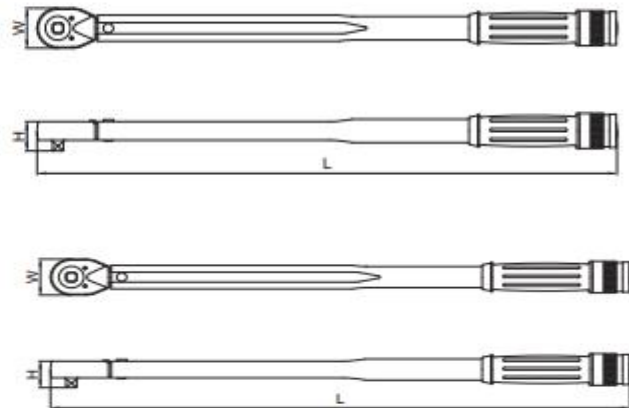
3/8" Sq. Drive Single Hex Impact Sockets (Metric)

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

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

TORQUE WRENCH

ACCURACY $\pm 3\%$

CLOCKWISE
OPERATION ONLY



IST-2WM100

- According to DIN ISO 6789, ASME B107.300-2010

Set torque:



step 1: unlock



step 2: set



step 3: lock

SPECIFICATION

Code	IST-2WM25*	IST-2WM60*	IST-2WM100*	IST-2WM200*	IST-2WM340*	IST-2WM600*	IST-2WM800*
Range (clockwise)	5 – 25N.m	10 – 60N.m	20 – 100N.m	40 – 200N.m	60 – 340N.m	100 – 600N.m	150 – 800N.m
Accuracy	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$
Graduation	0.2N.m	0.5N.m	0.5N.m	1N.m	2N.m	5N.m	5N.m
Square driver (D)	1/4"	3/8"	3/8"	1/2"	1/2"	3/4"	3/4"
Length	281mm	337mm	436mm	512mm	614mm	1050mm	1240mm
Weight	590g	760g	1320g	1580g	1800g	5030g	6110g

*Supplied with manufacturer inspection certificate

DIGITAL TORQUE WRENCH



IST-W135A

- 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%	±2%
	counter-clockwise	±3%	±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

155

Professional Ratcheting Torque Wrenches

TQW-RT

High accuracy torque wrench, with unmatched features, safety & ergonomics

48 teeth ratchet allows for an engagement angle of $7\text{-}1/2^\circ$ which is ideal; providing both precise adjustment & non slip use

Chrome - Molybdenum Steel
Square Drive

Adjustment of torque is achieved by pressing the safety button & simultaneously pulling out the adjustment ring; turning the ring to the desired value, re-pressing the safety button & simultaneously pushing the adjustment ring back. Fully secure locking mechanism avoids forced adjustment

Lightweight with a comfort grip handle & lens for clear reading of the set value

Tightening achieved in clockwise direction with a click sound once the required torque is achieved. Reversing the ratchet allows for using the wrench in anti clockwise direction, used to loosen an over tightened fastener



SET MODE
Adjustment Ring in unlocked position for setting Torque value



USE MODE
Adjustment Ring in locked position



Accurate to $\pm 4\%$ of reading

Each unit is individually serial numbered & includes calibration certificate traceable to international standards

Protective plastic case included with each unit

Fully serviceable, repair kits available as spare

CAT NR.	SQUARE DRIVE	TORQUE RANGE	FINE SCALE	OVERALL LENGTH		NET WEIGHT	BOX QTY.
	(inch)	(Nm)	(Nm)	(inch)	(mm)	(kg)	
TQW/RT/3-8/50	3/8	10 - 50	0.1	15.7	400	0.983	1
TQW/RT/1-2/100	1/2	20- 100	0.5	15.7	400	0.998	1
TQW/RT/1-2/200	1/2	40 - 200	0.5	20.4	517	1.36	1
TQW/RT/1 2/340	1/2	60 - 340	1	24.4	620	1.73	1
TQW/RT/3-4/750	3/4	150 - 750	2.5	47.6	1210	5.85	1
TQW/RT/0-1/1000	1	200 - 1000	2.5	59.0	1500	7.43	1

