

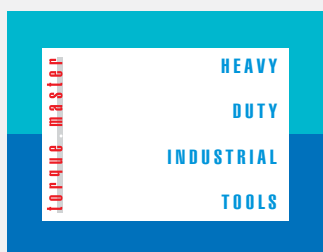
PRICE LIST



torque master®



TORQUE WRENCHES PRICE LIST
w.e.f 01.01.2017



PURE INNOVATION WITH REAL PRODUCTS





torque master®

TORQUE WRENCHES

The Torque Master torque wrenches are used to precisely set the torque of a fastener such as a nut or bolt. A torque wrench is used where the tightness of screws and bolts is crucial. It allows the operator to measure the torque (rotational force) applied to the bolt so it can be matched to the specifications. This permits proper tension and loading of all parts.

Torque Master Torque Wrenches are of four types.

1. **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 14 different Models with Square Drive 3/8" to 1".
2. **Production Torque Wrenches:** These Torque 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.
3. **Ratchet Head Model:** This Torque 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 14 different Models with Square Drive 3/8" to 1".
4. **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.



All Torque Master Torque Wrenches are calibrated on Mechanical/Electronic Torque Tester to an accuracy of $\pm 3\%$ which exceeds the specifications laid down in IS 7145-1973 as well as ISO 6789:2003

TORQUE WRENCHES PRICE LIST

Model No.		TORQUE RANGE								Squgre Drive Inch	UNIT PRICE	
		Lbf. Ft.		N.M		Kgf. Mts.		Lbf. Ins			Standard	Ratchet
		Range	LC	Range	LC	Range	LC	Range	LC			
TM 10	TM 10R	2-10	.5	3-14	.5	.3-1.4	.1	20-120	5	3/8"	₹ 3100	₹ 3300
TM 25	TM 25R	5-25	1	5-35	2	.5-3.5	.2	40-300	20	3/8"	₹ 3270	₹ 3650
TM 50	TM 50R	10-50	2	14-68	2	1-7	.2	100-600	20	½"	₹ 3700	₹ 4310
TM 100	TM 100R	20-100	2	25-135	5	3-14	.5	250-1200	25	1/2"	₹ 3950	₹ 4850
TM 160	TM 160R	40-160	5	50-220	5	5-23	1	450-2000	50	1/2"	₹ 4350	₹ 5250
TM 250	TM 250R	50-250	5	70-340	10	7-35	1	600-3000	50	1/2"	₹ 4890	₹ 6100
TM 400	TM 400R	100-400	10	135-540	15	14-56	1	--	--	3/4"	₹ 8800	₹ 10400
TM 500	TM 500R	100-500	10	135-675	15	14-70	2	--	--	3/4"	₹ 10200	₹ 12600
TM 600	TM 600R	150-600	10	200-815	15	20-84	2	--	--	3/4"	₹ 11300	₹ 13050
TM 750	TM 750R	350-750	20	475-1015	20	49-105	2	--	--	3/4"	₹ 16050	₹ 21050
TM 750 S	TM 750RS	350-750	20	475-1015	20	49-105	2	--	--	1"	₹ 17100	₹ 21800
TM 1000	TM 1000R	400-1000	20	540-1380	40	55-140	5	--	--	1"	₹ 21300	₹ 25100
TM 1400	TM 1400R	750-1400	25	1000-1900	50	105-195	5	--	--	1"	₹ 28980	₹ 31080
TM 2000	TM 2000R	1000-2000	50	1350-2700	50	135-275	5	--	--	1"	₹ 37000	₹ 41500

LC = Least Count



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TORQUE MULTIPLIERS

What is a Torque Multiplier?

A torque multiplier is a device that increases the torque that can be applied by an operator. Because the power output can not exceed the power input, the number of output revolutions will be lower than the number of input revolutions (Torque x rpm = Power).



Advantages of a Torque Multiplier

Safety - use of long levers can be dangerous. Torque multipliers mean a reduction in the lever length or operator effort by a factor of 5, 25 or 125.

Space limitation - the use of a long lever may be impossible due to the available space.

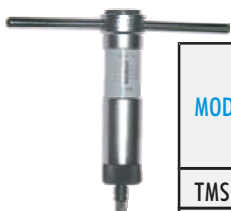
Accuracy - torque will be applied most accurately when it is applied smoothly and slowly. Torque multipliers enable this by removing much of the physical effort from the tightening task.

Torque Master Torque multipliers are made with high precision and have to pass a number of quality control tests before dispatching. Thus one can be rest assured "If it is Torque Master, look no further".

TORQUE MULTIPLIERS PRICE LIST

MODEL NO.		TORQUE CAPACITY			FACTOR	FEMALE INPUT	MALE OUTPUT	RECOMMENDED TORQUE WRENCH	UNIT PRICE
PLATE TYPE	HANDLE TYPE	LBFT	KGM	NM		SQ. IN.	SQ.IN.		
TM-1	TMH-1	1250	170	1700	5	1/2	3/4	TM 250R	₹ 17100
TM-2	TMH-2	1250	170	1700	5	1/2	1	TM 250R	₹ 18400
TM-5	TMH-5	2000	275	2750	5	3/4	1	TM 400R	₹ 24500
TM-5/25	TM-5/25	2000	275	2750	25	1/2	1	TM 100R	₹ 38500
TM-6		2500	345	3450	5	3/4	1.1/2	TM 500R	₹ 27500
TM-6/25		2500	345	3450	25	1/2	1.1/2	TM 100R	₹ 43500
TM-7		4500	622	6220	5	1	1.1/2	TM 1000R	₹ 47500
TM-7/25		4500	622	6220	25	1/2	1.1/2	TM 250R	₹ 68500
TM-9/25		7000	968	9680	25	3/4	1.1/2	TM 400R	₹ 144500
TM-11/25		12500	1734	17340	25	3/4	2.1/2	TM 500R	₹ 180500
TM-13/125		35000	4845	48450	125	3/4	2.1/2	TM 400R	₹ 295000

TORQUE SCREW DRIVER PRICE LIST

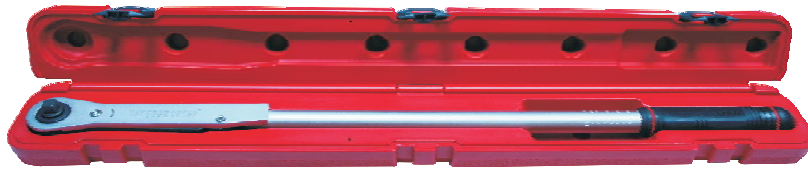


MODEL NO.	TORQUE CAPACITY						SQUARE DRIVE	WEIGHT	UNIT PRICE
	KGF CM		NM		LBF IN.				
	RANGE	LC	RANGE	LC	RANGE	LC			
TMSD 15	1-15	.5	.1-1.5	.20	1-15	2	1/4"	0,350 KG	₹ 4900
TMSD 50	10-50	5	1-5	.50	10-50	5	1/4"	0.600 KG	₹ 5200



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PROFESSIONAL SERIES TORQUE WRENCH



Torque wrench is now a must have tool for all garages and workshops. A torque wrench allows a user to precisely tighten a nut or a bolt to an optimum rotational force or Torque.

Advantages of **torque master®** professional series torque wrenches:

- **Extra Heavy Duty:** With the use of high strength alloy steel and precise heat treatment the torque wrenches are built to last.
- **Sturdy Storage:** Supplied with an aesthetically pleasing rugged blow molded case for extra care and protection for your valuable tool.
- **Accuracy:** With a torque tolerance of $\pm 3\%$, the accuracy exceeds any national or international torque standard including ISO 6789.
- **Three phase mechanism:** Sight, Touch and sound signal unmistakably lets the user know that the torque has been achieved even in noisy environment.
- **Comfort:** The synthetic handle is manufactured by specially selected resin which provides comfort and durability and resists chemicals in automotive and industrial usage.
- **Bi-Directional torque:** Torque can be applied in both right handed and left handed threaded nuts and bolts
- **Available in** both Standard and Ratcheting type. Production type can be supplied against specific orders.
- Durability has been on top of our priority, both in terms of the life of the tool and the calibration of the tool. Full load **torture tests** are carried out on **each and every** torque wrench prior to dispatch. The result is a product that you can use with complete confidence that you have the best tool for the job.

Model	Square Drive	Range N.M	Least Count	Range Lbf. Ft	Least Count	Range Kgf.mts	Least Count	Head Width	Head Depth	OAL at min cap.	Price	
											Standard	Ratchet
TM 10	3/8"	3-14	.5	2-10	.5	0.3-1.4	0.1	23mm	33mm	310mm	₹ 3250	₹ 3550
TM 25	3/8"	5-35	2	5-25	1	0.5-3.5	0.2	23mm	33mm	340mm	₹ 3500	₹ 3850
TM 50	1/2"	14-68	2	10-50	2	1.7	0.2	28mm	42mm	470mm	₹ 3900	₹ 4550
TM 100	1/2"	53-135	5	20-100	2	3-14	0.5	26mm	45mm	550mm	₹ 4350	₹ 5200
TM 160	1/2"	50-220	5	40-160	5	5-23	1	32mm	49mm	615mm	₹ 4700	₹ 5600
TM 250	1/2"	70-340	10	50-250	5	7-35	1	32mm	49mm	770mm	₹ 5600	₹ 6500