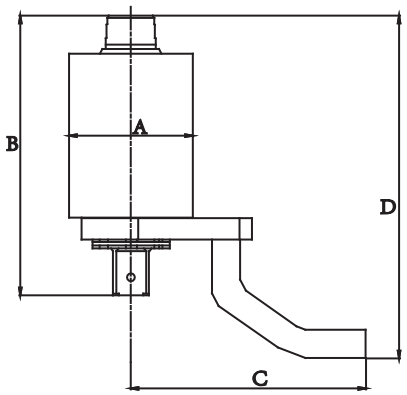
LM Model - Light Weight Torque Multiplier

- Compact structure, light weight, easy to carry and use.
- Above 3000Nm, the model has anti-backlash built-in, more secure to operate.



Item No.	Square Drive	Output Square Drive	Sspecification N.m	Ratio	Dimensions (mm)				Weight Kg
					A	B	C	D	
LMH41000	1/2"	3/4"	1000	1:4	Φ71	121	110	165	1.6
LMN51500	3/4"	1"	1500	1:4	Φ88	146	165	192	3
LMN52000	3/4"	1"	2000	1:4	Φ88	150	165	199	3.2
LMD53000	3/4"	1"	3000	1:5.5	Φ108	155	140	200	3.8
LMD66000	1/2"	1 1/2"	6000	1:18	Φ126	258	240	318	10.7
LMD68000	1/2"	1 1/2"	8000	1:23	Φ160	276	255	340	17.2

Note: Due to the product improvement, the technical parameters are subject to variation, please refer to the actual production from the factory.

Shockproof packaging

Specially designed for all series of “NovaTork” torque products

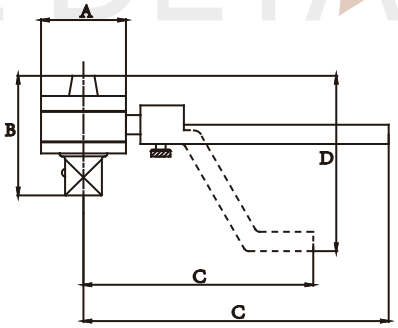
M Model Torque Multiplier

- Alloy steel construction, long life.
- Ratio accuracy: +/-5%.
- M3.31000 has two reaction arms as an option.
- M5 / M25 series reaction arms can be adjusted according to applications.
- Above 1500Nm, the model has anti-backlash built-in, more secure to operate.

M3.31000

Torque Multiplier

Two reaction arms available as an option

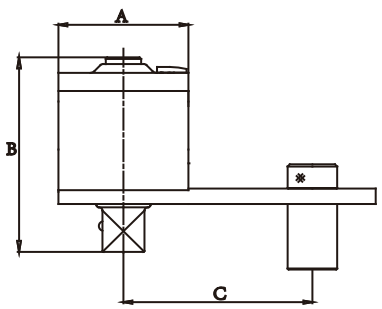


Item No.	Square Drive	Output Square Drive	Torque Range		Ratio	A	B	C	D	Tool Weight	Reaction Arm Weight
			N.m	Lb.ft		mm	mm	mm	mm	kg	kg
M3.31000	1/2"	3/4"	1000	750	3.3:1	71	85	245/175	130	1.44	0.77+0.63

M5 Type

Torque Multiplier

Reaction arms can be adjusted according to applications

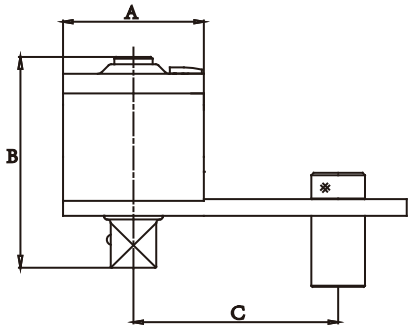


Item No.	Square Drive	Output Square Drive	Torque Range		Ratio	A	B	C	Tool Weight	Reaction Arm Weight
			N.m	Lb.ft		mm	mm	mm	kg	kg
M51000	1/2"	3/4"	1000	750	5:1	118	98	82-196	8.2	1.2
M51500	1/2"	1"	1500	1125	5:1	118	115	82-196	8.7	1.2

M25 Type

Torque Multiplier

Above 1500Nm, the model has anti-backlash built-in, more secure to operate



Item No.	Square Drive	Output Square Drive	Torque Range		Ratio	A	B	C	Tool Weight	Reaction Arm Weight kg
			N.m	Lb.ft		mm	mm	mm	kg	
M252500	1/2"	1"	2500	1875	25:1	118	150	82-196	10.1	1.2
M253500	1/2"	1 1/2"	3500	2600	25:1	118	164	82-196	10.3	1.2
M254000	1/2"	1 1/2"	4000	3000	25:1	118	176	82-196	11.2	1.2
M256000	1/2"	1 1/2"	6000	4500	25:1	140	214	105-254	21.3	3
M258000	1/2"	1 1/2"	8000	6000	25:1	182	228	125-294	31	3
M2510000	3/4"	1 1/2"	10000	7375	25:1	182	240	125-294	31.5	3

Note: Due to the product improvement, the technical parameters are subject to variation, please refer to the actual production from the factory.

Shockproof packaging

Specially designed for all series of “NovaTork” torque products

Item No.

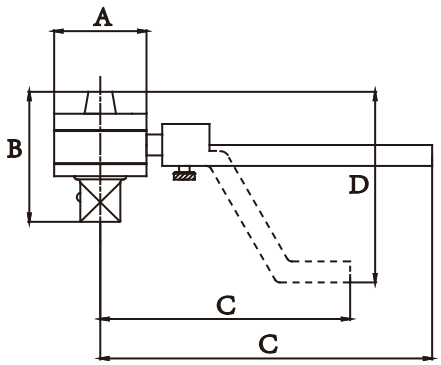
M3.31000

Torque Multiplier

Two reaction arms available as an option

MORE DETAILS

- Alloy steel construction, long life.
- Ratio accuracy: +/-5%.
- M3.31000 has two reaction arms as an option.



Item No.	Square Drive	Output Square Drive	Torque Range		* Ratio	A	B	C	D	Tool Weight	Reaction Arm Weight kg
			N.m	Lb.ft		mm	mm	mm	mm	kg	
M3.31000	1/2"	3/4"	1000	750	3.3:1 or 2.3:1	71	85	245/175	130	1.44	0.77+0.63
M3.31000T1	1/2"	1"	1000	750	3.3:1 or 2.3:1	71	85	245/175	130	1.44	0.77+0.63

* Ratio: see next page for details

Note: Due to the product improvement, the technical parameters are subject to variation, please refer to the actual production from the factory.

Shockproof packaging

Specially designed for all series of "NovaTork" torque products

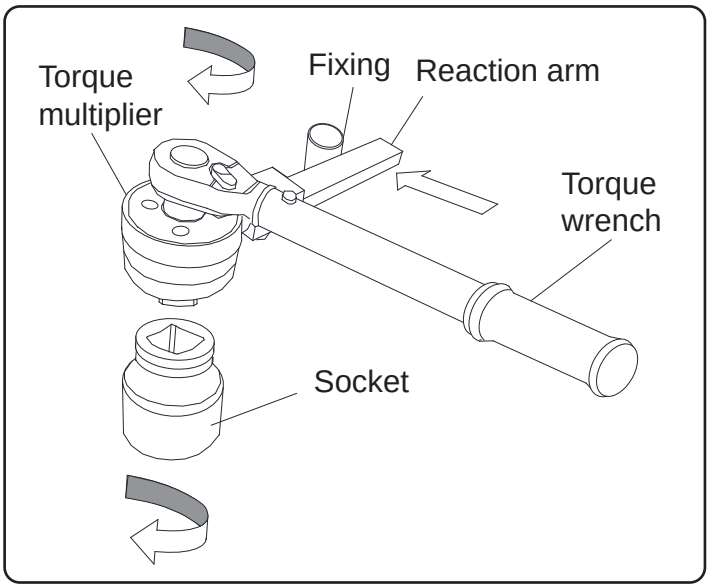
Two Methods of Using

with different rates and driving directions

Attach a suitable torque wrench to input female drive of the multiplier, attach a suitable socket to the output male drive of the multiplier, then insert the socket onto the fastener to be torqued.

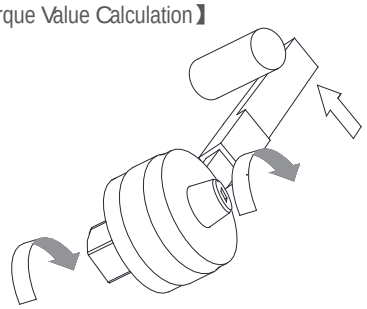
【Method I】—— Drive Output

(Regular operating method)



Fix ng the reaction arm, then the output and input are in the same direction, the output ratio is 3.3 : 1.

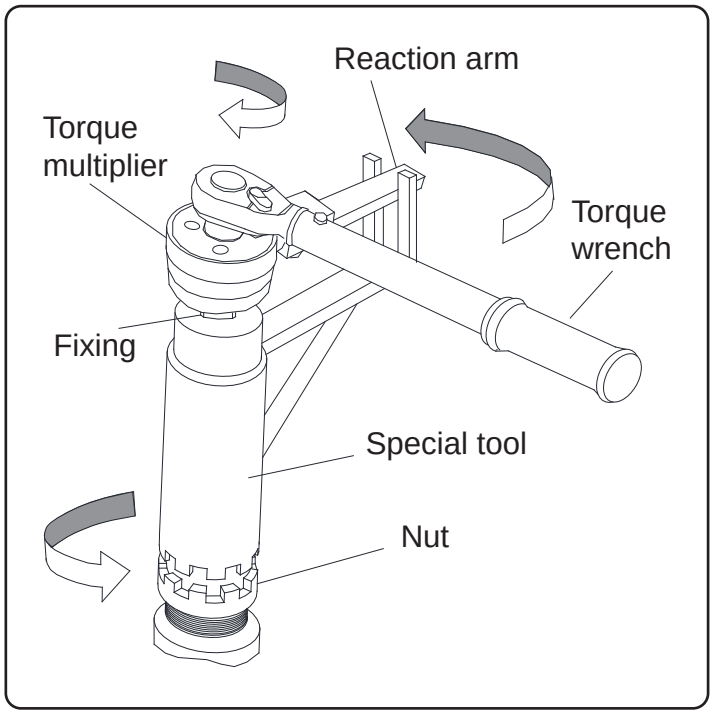
【Torque Value Calculation】



Output direction is same as input direction.

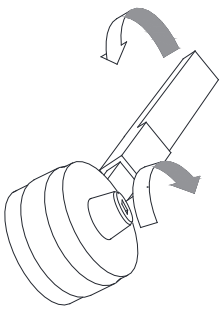
Output torque = Input torque x **3.3**

【Method II】—— Reaction Arm Output



Fix ng the output drive, then the output and input are in opposite directions, the torque output ratio is 2.3 : 1.

【Torque Value Calculation】



Output direction is opposite to input direction.

Output torque = Input torque x **2.3**