

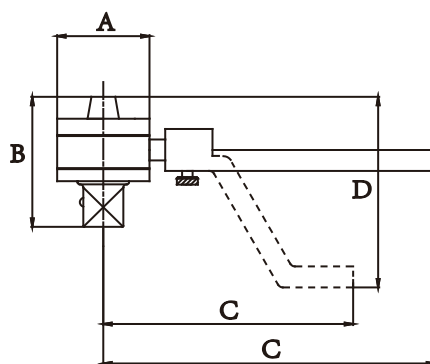
Item No.

M3.31000

Torque Multiplier

Two reaction arms available as an option

- 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 kg	Reaction Arm Weight kg
			N.m	Lb.ft		mm	mm	mm	mm		
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
M3.31000TI	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

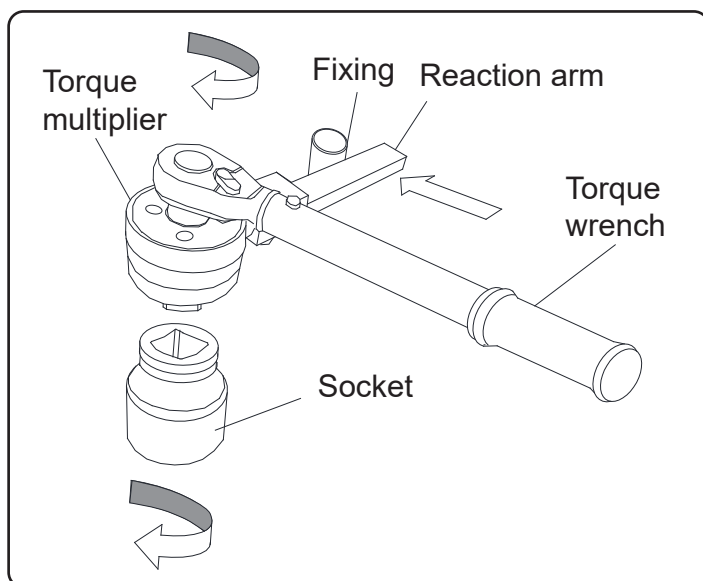


Two Methods of Using

with different rates and driving directions

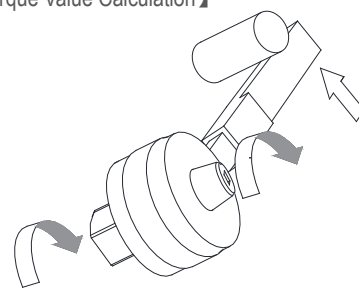
Attach a suitable torque wrench to input female drive of the multiplier, attach a suitable socket to the output male drive of the multiplier, then insert the socket onto the fastener to be torqued.

【Method I】 — Drive Output (Regular operating method)



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

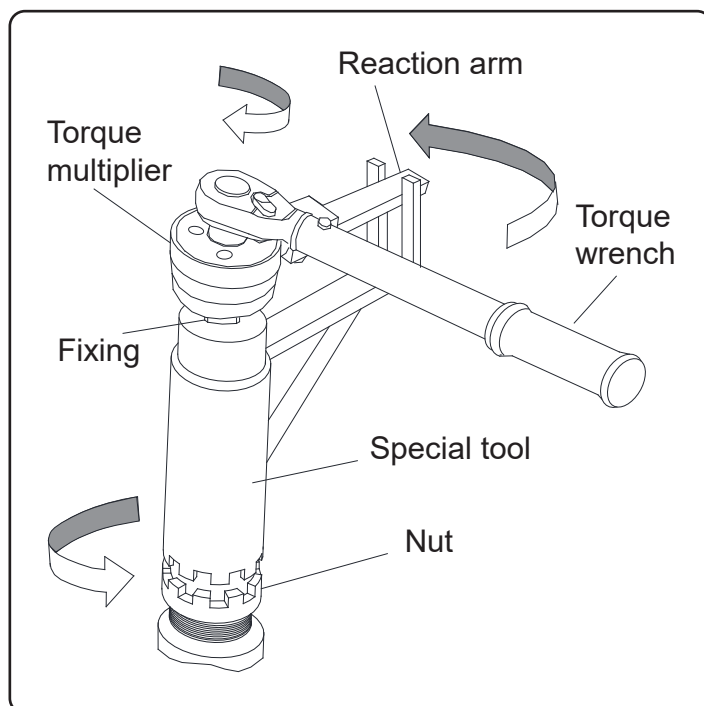
【Torque Value Calculation】



Output direction is same as input direction.

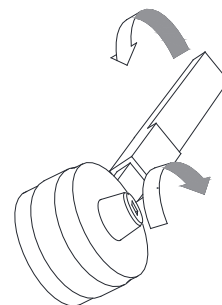
Output torque = Input torque x **3.3**

【Method II】 — Reaction Arm Output



Fixing 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**