

# **()** тоннісні

### Marking Torque Wrench – MPQL / MQSP





## Ratcheting Clicker Wrench with Marking Function for Tightening Verification

Lets you make direct visual checks for bolt tightening errors. When the adjusted torque value is reached and the wrench clicks, the bolt head is marked. So tightening and marking is done in a single operation. Marking is not done until set torque is achieved. Marking stays on by use of quick dry ink.

Ink cartridges can easily be installed in the special socket wrench. One cartridge filling is sufficient for appr 6000 stamping processes. Height of the stamp is adjustable ( $\pm 5$  mm).

Setting torque can be operated by an attached hex key to avoid torque change by human mistake. The set torque is visible via a small scale window in the handle. The torque adjustment hex key is a standard accessory.

#### Accs & Spares

Select refill ink

- Solvent (for white and yellow only)
- Extension 50 mm or 100 mm (either)
- Replacement Felt Tips (see next page)



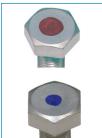
- Ratchet head w 24 teeth and 15° operating range.
- Tightening and marking in a single operation.
- Ideal for tightening verification assembly processes.
- Compliant with EN ISO 6789 Type II Class A calibration procedures.
- Incl. traceable calibration certificate (JCSS/ISO).

#### Equipped with ... ?

- Marker head: ø9 mm or ø5 mm
- Ink: red, blue, white, or yellow
- Marker socket (see chart next page)

#### Options

• Alternatively available with imperial torque units (lbf-ft).



Select MH socket size

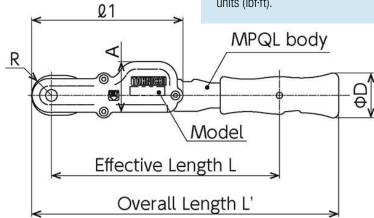


- Black-oxide: white / vellow.
- Chrome, Steel: red / blue / white / yellow.

#### MPQL/MQL (pre-lock)\*

Model	Item No.	Torque Rg.	Grad.	Di	mensi	ions n	nm	Weight		
		N∙m	N∙m	L	Ľ	D	R	kg		
MPQL50N	T212501	10 - 50	0.5	183	246	36	16	0.7		
MPQL100N4	T212504	20 - 100	1	252	320	37.7	17	1.0		
MPQL140N	T212507	30 - 140	1	316	385	37.7	18.8	1.1		
MPQL200N4	T212510	40 - 200	2	398	470	44.2	20	1.8		
MQL280N	T212513	60 - 280	2	600	692	51.5	22.5	2.6		





#### | MQSP (preset)

Model	Item No.	Torque Range	Dimensions mm			nm	Weight
		N∙m	L	Ľ	D	R	kg
MQSP 50N	T212516	10 - 50	178	240	34	16	0.7
MQSP 100N4	T212517	20 - 100	251	315	34	17	1.0
MQSP140N	T212518	30 - 140	315	380	34	18.8	1.1
MQSP 200N	T212519	40 - 200	400	465	27	20	1.8

It is recommended to use in middle performance range (approx. 1/4 to 3/4 of rated capacity). If you regularly work close to the limit of load (maximum span value), a larger model should be chosen.



