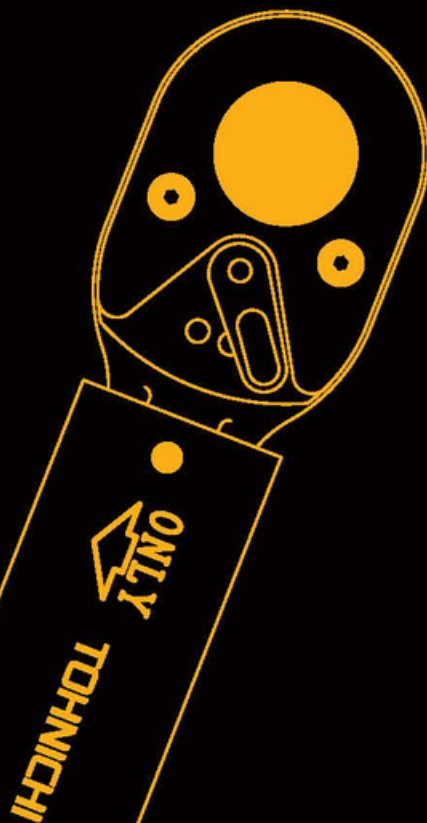
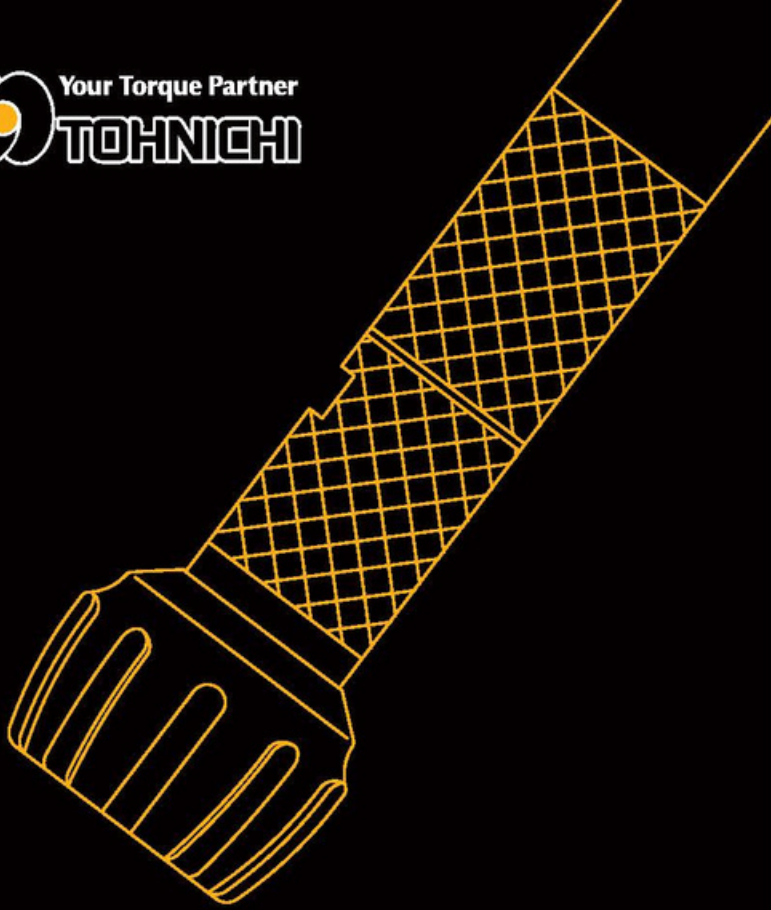


# 2025.10

Reference Guide



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# NOTE4-G

Digital Torque Wrench Tester

Calibration

Digital

Manual Handle

Direct Reading

RoHS

Direction



- Multiple units of measure through keypad setup
- "Loading system" stabilizes wrench during calibration procedure for optimal results.
- RS232C and USB output
- Max. 1000 measured data can be stored.



DOTE10N4-G



DOTE100N4-G



DOTE1000N4-G

CE

Accuracy  $\pm 1\% + 1 \text{ digit}$ 

| Model        | Torque Range |         |               |         |              |         |              |         |              |         |              |         | Torque Wrench<br>Max. Effective<br>Length [mm] | Inlet<br>Drive<br>[mm] | Weight<br>[kg] | Down Adapter       |            | Hex Adapter<br>[mm]      |              |
|--------------|--------------|---------|---------------|---------|--------------|---------|--------------|---------|--------------|---------|--------------|---------|------------------------------------------------|------------------------|----------------|--------------------|------------|--------------------------|--------------|
|              | cN·m         |         | N·m           |         | kgf·cm       |         | kgf·m        |         | lbf·in       |         | lbf·ft       |         |                                                |                        |                | Part #             | [mm]       |                          |              |
|              | Min.-Max.    | 1 digit | Min.-Max.     | 1 digit | Min.-Max.    | 1 digit | Min.-Max.    | 1 digit | Min.-Max.    | 1 digit | Min.-Max.    | 1 digit |                                                |                        |                |                    |            |                          |              |
| DOTE10N4-G   | 20.0-1000.0  | 0.1     | 0.2000-10.000 | 0.001   | 2.00-100.00  | 0.01    | -            | -       | 2.00-88.00   | 0.01    | -            | -       | 255                                            | 6.35                   | 7              | -                  | -          |                          |              |
| DOTE20N4-G   | 200.0-2000.0 | 0.2     | 2.000-20.000  | 0.002   | 20.00-200.00 | 0.02    | -            | -       | 18.00-180.00 | 0.02    | -            | -       | 410                                            | 9.53                   | 12             | 296 (P.68)<br>6.35 | 10, 13, 19 |                          |              |
| DOTE50N4-G   | -            | -       | 5.00-50.00    | 0.005   | 50.0-500.0   | 0.05    | -            | -       | 44.0-440.0   | 0.05    | 3.60-36.00   | 0.005   |                                                |                        |                |                    |            | 277 (P.44)<br>297 (P.68) | 6.35<br>9.53 |
| DOTE100N4-G  | -            | -       | 10.00-100.00  | 0.01    | 100.0-1000.0 | 0.1     | -            | -       | 88.0-880.0   | 0.1     | 7.30-73.00   | 0.01    |                                                |                        | 12.7           | 13                 | -          | 17, 22, 27<br>19, 24, 30 |              |
| DOTE200N4-G  | -            | -       | 20.00-200.00  | 0.02    | 200.0-2000.0 | 0.2     | -            | -       | 170.0-1700.0 | 0.2     | 15.00-150.00 | 0.02    | 660                                            |                        |                |                    | -          | 22, 27, 29<br>30, 32, 36 |              |
| DOTE500N4-G  | -            | -       | 50.0-500.0    | 0.05    | -            | -       | 5.00-50.00   | 0.005   | 440-4400     | 0.5     | 36.0-360.0   | 0.05    | 1020                                           | 19.05                  | 47             | -                  |            |                          |              |
| DOTE1000N4-G | -            | -       | 100.0-1000.0  | 0.1     | -            | -       | 10.00-100.00 | 0.01    | 880-8800     | 1       | 73.0-730.0   | 0.1     | 1750                                           | 25.4                   | 49             | 299 (P.68)         | 19.05      | 36, 46<br>41, 50         |              |

Note

1. Auto-zero adjustment function.
2. Statistical function includes the number of sampling, max/min/mean values.
3. AC Adapter BA-6 (AC100-240V+/-10%) comes with

## NOTE4-G Optional Accessories

Connecting Cable (P.50) Printer (P.69)  
Hex Adapter

| Part # | Size [mm]    | Part # | Size [mm]    |
|--------|--------------|--------|--------------|
| 285    | 3/8-7-8-9    | 480    | 1/4-5.5-8-12 |
| 286    | 1/2-16-18-21 | 481    | 1/4-6-10-13  |
| 287    | 1/2-17-22-27 | 482    | 1/4-7-11-14  |
| 288    | 1/2-19-24-30 | 483    | 1/4-16-19-22 |
|        |              | 484    | 1/4-17-21-24 |

## NOTE4-G-MD2

Complete Tester with Motor Drive Set



| Model            |
|------------------|
| DOTE20N4-G-MD2   |
| DOTE50N4-G-MD2   |
| DOTE100N4-G-MD2  |
| DOTE200N4-G-MD2  |
| DOTE500N4-G-MD2  |
| DOTE1000N4-G-MD2 |

Note

Select the plug shape A or C type when ordering.

## MD2-SET

Retrofit Motor Driven Unit



| Model      | Construction unit    |                 |            |            | Applicable Model      |
|------------|----------------------|-----------------|------------|------------|-----------------------|
|            | Motor Unit w/Limiter | Controller Unit | Power Unit | Power Cord |                       |
| MD2-SET-SA | M-MD2-S              | C-MD2           | DR-MD2-S   | PC-MD2A    | DOTE20N4-G to 200N4-G |
| MD2-SET-SC |                      |                 |            | PC-MD2C    |                       |
| MD2-SET-LA | M-MD2-L              |                 | DR-MD2-L   | PC-MD2A    | DOTE500N4-G, 1000N4-G |
| MD2-SET-LC |                      |                 |            | PC-MD2C    |                       |

Note

1. PC-MD2A come with A type plug for 100 - 125V.  
PC-MD2C come with C type plug for 100 - 240V.

# DOT

Analog Torque Wrench Tester

Direction



Calibration

Dial Indicating

Manual Handle

Direct Reading

RoHS

- Dial indicating
- For clockwise testing
- Mechanical loading device

Accuracy  $\pm 2\%$ 

| S.I. Model | Torque Range [N·m] |       | Metric Model | Torque Range [kgf·cm] |       | American Model | Torque Range [lbf·in/lbf·ft] |        | Torque Wrench Max. Effective Length [mm] | Inlet Drive [mm] | Weight [kg] | Standard Accessory       |                    |
|------------|--------------------|-------|--------------|-----------------------|-------|----------------|------------------------------|--------|------------------------------------------|------------------|-------------|--------------------------|--------------------|
|            | Min.-Max.          | Grad. |              | Min.-Max.             | Grad. |                | Min.-Max.                    | Grad.  |                                          |                  |             | Down Adapter (Female)    | Hex Adapter (Male) |
|            |                    |       |              |                       |       |                | lbf·in                       | lbf·ft |                                          |                  |             | [mm]                     | [mm]               |
| DOT35N     | 5-35.0             | 0.1   | 350DOT       | 50-350                | 1     | DOT300I        | 50-300                       | 1      |                                          | 9.53             |             | #296 (6.35)              | 10, 13, 19         |
| DOT50N     | 5-50.0             | 0.2   | 500DOT       | 50-500                | 2     | DOT430I        | 50-430                       | 2      | 410                                      |                  | 8           |                          | 12, 14, 17         |
| DOT100N    | 10-100.0           | 0.5   | 1000DOT      | 100-1000              | 5     | DOT1000I       | 100-1000                     | 5      |                                          | 12.7             |             | #277 (6.35), #297 (9.53) |                    |
|            |                    |       |              |                       |       |                | lbf·ft                       | lbf·ft |                                          |                  |             |                          |                    |
| DOT300N    | 30-300             | 1     | 3000DOT      | 300-3000              | 10    | DOT200F        | 20-200                       | 1      | 660                                      | 19.05            | 10          | -                        | 17, 22, 27         |
|            |                    |       |              |                       |       |                |                              |        |                                          |                  |             |                          | 19, 24, 30         |
| DOT700N    | 70-700             | 2     | 7000DOT      | 700-7000              | 20    | DOT500F        | 50-500                       | 2      | 1260                                     |                  | 25          | -                        | 22, 27, 29         |
|            |                    |       |              |                       |       |                |                              |        |                                          |                  |             |                          | 30, 32, 36         |

Note

Measurement for clockwise direction only.



DOT100N

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