

# TD-Gauge DIGITAL



The DIA TEST digital thread depth gage:  
Measure thread or bore depth while checking  
functional size, both the go and nogo



A DIA TEST setting gage can be used for all DIA TEST TD-Gauges

A DIA TEST disconnecting device including parallel bench vice  
can be used for all DIA TEST TD-Gauges

Handle accepts standard ANSI members available from  
any gage manufacturer



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# TD-Gauge DIGITAL



DIATEST thread depth gages have the advantage of accepting standard ANSI members, plus the display is always visible with resolution choices of .0005" or .01 mm

## DIATEST TD-Gauge DIGITAL with thread gage



US Handle Size 0: 8-32 to 12-32 or M4 to M5.5

US Handle Size 1: 1/4 to 5/16 or M6 to M9

US Handle Size 2: 3/8 to 1/2 or M10 to M12

US Handle Size 3: 9/16 to 13/16 or M14 to M20

## DIATEST TD-Gauge DIGITAL with cylinder plug gage



US Handle Size 0: from Ø 0.1501" to Ø 0.2300"

US Handle Size 1: from Ø 0.2301" to Ø 0.3650"

US Handle Size 2: from Ø 0.3651" to Ø 0.5100"

US Handle Size 3: from Ø 0.5101" to Ø 0.7087"

Many special features on request: special depth stops, dirt- and air grooves, certificates for linearity, thread gages and cylinder plug gages, wireless data transmission (DIAWIRELESS),...



# DIATEST TD-Gauge



The DIATEST Thread Depth Gauge:  
For the simultaneous gauging of thread or bore depth  
and detecting of nogo gauges



Depth scale can be **fixed**

OPTO-interface for  
optional **radio-module**

Reading scale is  
always **visible**

**LCD display** with preset function and  
a resolution of .0005"/.01 mm

**Marking** according  
to customer request

A DIATEST setting gage can be used for all DIATEST TD-Gauges  
A DIATEST disconnecting device including parallel bench vice  
can be used for all DIATEST TD-Gauges

Thread: DIN 2282 (GO) and DIN 2284 (NOGO) Cylinder plug gauge: DIN 2248 (GO) and DIN 2249 (NOGO)

**The universal system for DIN-gauges of all manufacturers**



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# DIATEST TD-Gauge



The outstanding features of the DIATEST TD-Gauge are its suitability to be used with DIN-gauges of all manufacturers as well as the display which is always visible with resolution choices of .01 mm or .0005"



## DIATEST TD-Gauge with Thread Gauge

TD-Gauge 01 (analogue only): **M2,5 to M3**

TD-Gauge 02 (digital + analogue): **M3,5 to M6**

TD-Gauge 03 (digital + analogue): **M7 to M10**

TD-Gauge 04 (digital + analogue): **M11 to M14**

TD-Gauge 05 (digital + analogue): **M16 to M18**



## DIATEST TD-Gauge with Cylinder Plug Gauge

TD-Gauge 01 (analogue only): **2,0 to  $\leq$  3,0 mm**

TD-Gauge 02 (digital + analogue): **> 3,0 to  $\leq$  6,0 mm**

TD-Gauge 03 (digital + analogue): **> 6,0 to  $\leq$  10,0 mm**

TD-Gauge 04 (digital + analogue): **> 10,0 to  $\leq$  14,0 mm**

TD-Gauge 05 (digital + analogue): **> 14,0 to  $\leq$  18,0 mm**

Analogue version also available:  
Simultaneous display of pre- and post decimal point places, reading accuracy: 0,05 mm



Many special features on request: special depth stops, dirt- and air grooves, certificates for linearity, thread gages and cylinder plug gages, wireless data transmission (DIAWIRELESS),...



# DIATEST TD-Gauge<sup>+</sup>



The new DIATEST Thread Depth TD-Gauge<sup>+</sup>:  
For the simultaneous gauging of thread depth  
and detecting of no go gauges



DIATEST TD-Gauges<sup>+</sup> are available for Thread and Cylinder Plug Gauges in four frame sizes:

Size 2: from 3,5 to 6 mm

Size 3: from 7 to 10 mm

Size 4: from 11 to 14 mm

Size 5: from 16 to 18 mm

The universal system for DIN-gauges of all manufacturers



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# DIATEST TD-Gauge<sup>+</sup>



The outstanding features of the DIATEST TD-Gauge<sup>+</sup> are its universal applicability for DIN-gauges of all manufacturers as well as its simultaneous display of pre- and post decimal point places

Possible reading accuracy: 0,05 mm



## DIATEST TD-Gauge<sup>+</sup> with Thread Gauge

**Size 2**  
Meas. depth up to 50 mm

- M3,5 x 0,35
- M3,5 x 0,6
- M4 x 0,5
- M4 x 0,7
- M4,5 x 0,5
- M5 x 0,35
- M5 x 0,8
- M6 x 0,75
- M6 x 1

**Size 3**  
Meas. depth up to 50 mm

- M7 x 0,75
- M7 x 1
- M8 x 0,75
- M8 x 1
- M8 x 1,25
- M9 x 0,75
- M9 x 1
- M9 x 1,25
- M10 x 0,75
- M10 x 1
- M10 x 1,25
- M10 x 1,5

**Size 4**  
Meas. depth up to 80 mm

- M11 x 1
- M11 x 1,5
- M12 x 1
- M12 x 1,25
- M12 x 1,5
- M12 x 1,75
- M14 x 1
- M14 x 1,25
- M14 x 1,5
- M14 x 2

**Size 5**  
Meas. depth up to 80 mm

- M16 x 1
- M16 x 1,25
- M16 x 2
- M18 x 1
- M18 x 1,5
- M18 x 2
- M18 x 2,5

DIN-standards for threads: DIN 2282 (GO) and DIN 2284 (NOGO)



## DIATEST TD-Gauge<sup>+</sup> with Cylinder Plug Gauge

The Cylinder Plug Gauge gauges the tolerance of the bore and measures the size of bore depth if the result is positive. DIATEST Cylinder Plug Gauges can be used from diameter upwards of 3.5 mm

DIN-standards for cylindrical bores: DIN 2248 (GO) and DIN 2249 (NOGO)