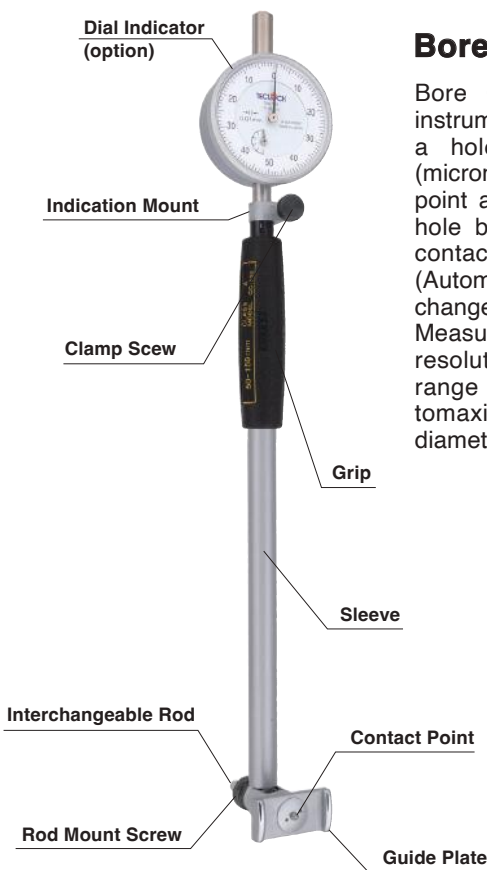


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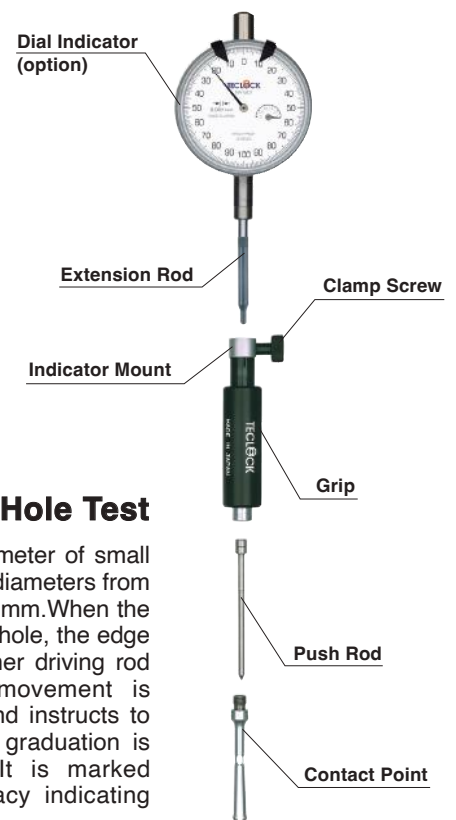
Bore Gauge & Micro-Hole Test

Lineups for measuring internal diameters.



Bore Gauge

Bore Gauge is the comparative measuring instrument which measures internal diameter of a hole by comparing with master gauge (micrometer, ring gauge etc.). Center of contact point and rod are guided to diameter part of a hole by guide assembly and displacement of contact point is transferred to dial indicator (Automatic centripetal mechanism) by right angle change in the ratio of 1 : 1 with cam mechanism. Measurement accuracy is changed according to resolution of used dial indicator. Measuring range are available from minimum $\phi 6\text{mm}$ to maximum $\phi 450\text{mm}$ according to size of diameter.



Micro-Hole Test

This is designed for measuring diameter of small holes exclusively and can measure diameters from minimum $\phi 1.7\text{mm}$ to maximum $\phi 10\text{mm}$. When the edge of probe is inserted to a small hole, the edge is closed to inside and presses inner driving rod upward. The principle is that movement is transferred to the extension rod and instructs to dial indicator. Swing width of dial graduation is read as well as bore gauge. It is marked characteristic that stability accuracy indicating performance is high as $2\mu\text{m}$.

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Bore Gauge (CD type)

- Compliance with JIS B 7515A.
- Anvil and Contact point are using the carbide ball.
- The Probe Depth can be extend using the extension rod to measure a deep hole.

Bore Gauge (CD type)



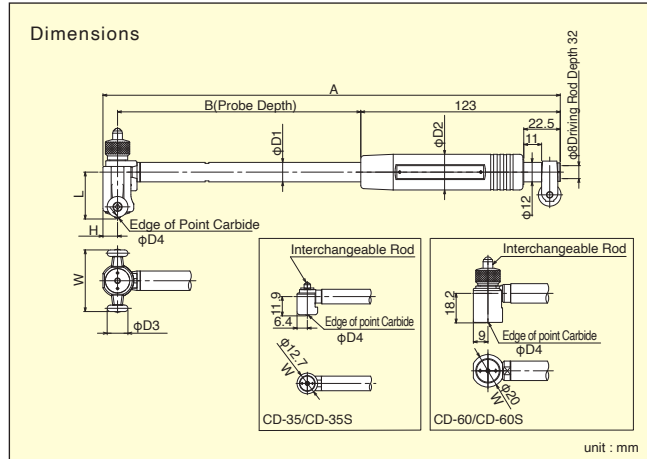
CD-150

•Dial gauge is an optional item.

CD-35S

Short size

•Dial gauge is an optional item.



Dimension Table:Standard

Model	A	B	L	H	W	φD1	φD2	φD3	φD4
CD-35	229.4	100	11.9	6.4	φ12.7	9	22	-	1.5
CD-60	282	150	18.2	9	φ20	12	22	-	1.5
CD-150	282	150	28.9	9	38	12	22	12.8	2
CD-160	282	150	28.9	9	50	12	22	12.8	2
CD-250	385	250	100.9	12	90	15	25	19.8	3
CD-400	385	250	100.9	12	90	15	25	19.8	3

unit : mm

Dimension Table:Short size

Model	A	B	L	H	W	φD1	φD2	φD3	φD4
CD-35S	179.4	50	11.9	6.4	φ12.7	9	22	-	1.5
CD-60S	182	50	18.2	9	φ20	12	22	-	1.5
CD-150S	182	50	28.9	9	38	12	22	12.8	2
CD-160S	182	50	28.9	9	50	12	22	12.8	2
CD-250S	285	150	100.9	12	90	15	25	19.8	3
CD-400S	285	150	100.9	12	90	15	25	19.8	3

unit : mm

Specifications

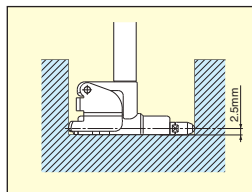
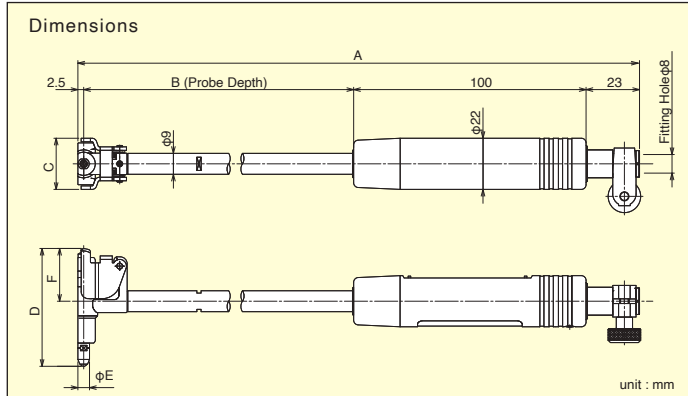
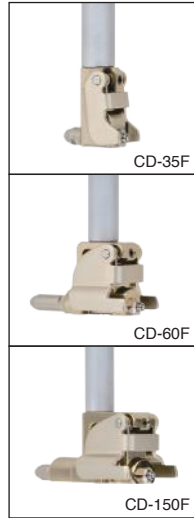
	Model	Measuring Range (mm)	Probe Depth (mm)	Effective Measuring Range(mm)	Total Range Error(μm)	Adjacent Error (μm)	Repeatability (μm)	Measuring Force (N)	Guide Support Force(N)	Number of Rods	Interchangeable Washers	Extension Rod	Weight (g)	Suggested List Price
Standard type	CD-35	18-35	100	1.2	2	1	0.5	4 or less	6 or less	9pcs./2mm	0.5-1mm		160	23,760 JPY
	CD-60	35-60	150	1.2	2	1	0.5	4 or less	6 or less	6pcs./5mm	0.5-1-2-3mm		230	24,970 JPY
	CD-150	50-150	150	1.6	2	1	0.5	5 or less	10 or less	11pcs./5mm	0.5-1-2-3mm	50mmx1	250	28,600 JPY
	CD-160	100-160	150	1.6	2	1	0.5	5 or less	10 or less	13pcs./5mm	0.5-1-2-3mm		310	43,010 JPY
	CD-250	160-250	250	1.6	2	1	0.5	6 or less	15 or less	6pcs./15mm	0.5-1-2-3-4-5-6mm		740	60,170 JPY
	CD-400	250-400	250	1.6	2	1	0.5	6 or less	15 or less	5pcs./15mm	0.5-1-2-3-4-5-6mm	75mmx1	960	74,030 JPY
Short type	CD-35S	18-35	50	1.2	2	1	0.5	4 or less	6 or less	9pcs./2mm	0.5-1mm		150	23,760 JPY
	CD-60S	35-60	50	1.2	2	1	0.5	4 or less	6 or less	6pcs./5mm	0.5-1-2-3mm		210	24,970 JPY
	CD-150S	50-150	50	1.6	2	1	0.5	5 or less	10 or less	11pcs./5mm	0.5-1-2-3mm	50mmx1	230	28,600 JPY
	CD-160S	100-160	50	1.6	2	1	0.5	5 or less	10 or less	13pcs./5mm	0.5-1-2-3mm		290	43,010 JPY
	CD-250S	160-250	150	1.6	2	1	0.5	6 or less	15 or less	6pcs./15mm	0.5-1-2-3-4-5-6mm		630	65,340 JPY
	CD-400S	250-400	150	1.6	2	1	0.5	6 or less	15 or less	5pcs./15mm	0.5-1-2-3-4-5-6mm	75mmx1	720	80,520 JPY

Bore Gauge (CD type) for shallow hole



CD-35F

·Dial gauge is an optional item.



Internal measurement is possible at the position from shallow hole bottom by 2.5mm.

Dimension Table

Model	A	B	C	D	E	F
CD-35F	275.5	150	10.6	15.7	5	10
CD-60F	275.5	150	18	35.7	5	14.3
CD-150F	275.5	150	22	50.7	5	22.7
CD-35FS	175.5	50	10.6	15.7	5	10
CD-60FS	175.5	50	18	35.7	5	14.3
CD-150FS	175.5	50	22	50.7	5	22.7

unit : mm

Specifications

Model	Measuring Range(mm)	Effective Measuring Range(mm)	Total Range Error(μm)	Adjacent Error(μm)	Repeatability (μm)	Rod (pcs.)	Weight (g)	Suggested List Price
CD-35F	15~35	1.2	4	1	1	11	180	40,920 JPY
CD-60F	35~60	1.2	4	1	1	6	200	40,920 JPY
CD-150F	50~150	1.2	4	1	1	11	210	46,970 JPY
CD-35FS	15~35	1.2	4	1	1	11	140	51,150 JPY
CD-60FS	35~60	1.2	4	1	1	6	160	54,780 JPY
CD-150FS	50~150	1.2	4	1	1	11	170	60,390 JPY

Bore Gauge (CN type) for small hole

- These are bore gauges for small holes of which internal diameter is 18.5mm or less and high accuracy measuring is possible as well as standard type bore gauges.



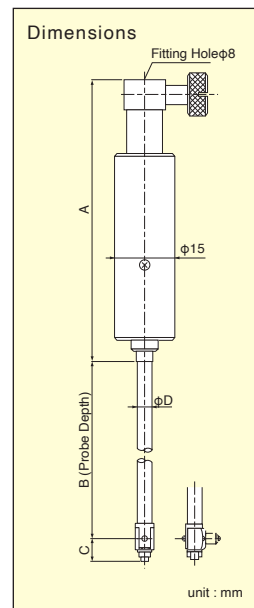
CN-10

·Measuring Range 6~10mm



CN-18

·Measuring Range 10~18.5mm



Dimension Table

Model	A	B	C	D
CN-10	80	49	5.4	4
CN-18	80	100	8.5	6

unit : mm

Specifications

Model	Measuring Range(mm)	Effective Measuring Range(mm)	Total Range Error(μm)	Adjacent Error(μm)	Repeatability (μm)	Weight (g)	Suggested List Price
CN-10	6~10	0.5	5	2	2	70	35,860 JPY
CN-18	10~18.5	0.6	5	2	2	85	31,680 JPY

·Dial gauge is an optional item.

Bluetooth Digital Bore Gauge (with Digital Indicator)

NEW

■ Bore Gauge (CD Type) +1/1000mm Mini Indicator

Features

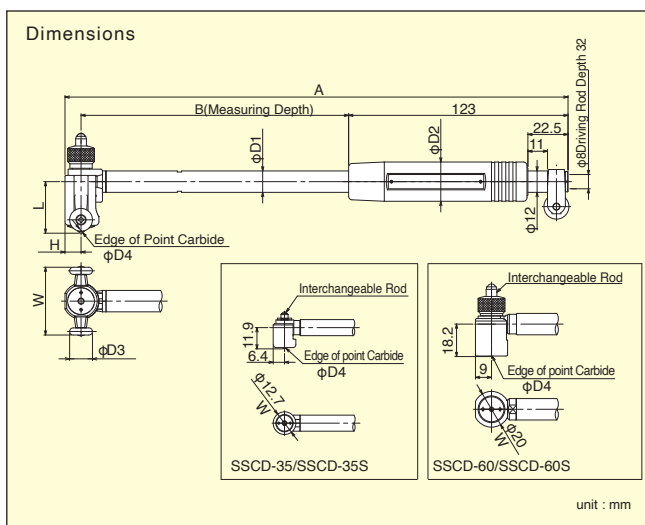
- High precision measurement of Internal diameter.
- With Mini Indicator SSI-250 ⇒1/1000mm, φ45mm, 75g.
- Easy Comparison Measurement by Analog Display.
- Easy Searching Minimum value of Internal diameter by Peak hold mode(MIN mode).
- Compliance with JIS B 7515A.
- One-touch data sending to PC by built-in Bluetooth.
- Data management by SmartMeasure®Lite (free).

Bluetooth Digital Bore Gauge (with Digital Indicator)



SSSD-150S
Short size

SSSD-150



Dimension Table : Long Size

Model	A	B	L	H	W	φD1	φD2	φD3	φD4
SSSD-35	229.4	100	11.9	6.4	φ12.7	9	22	—	1.5
SSSD-60	282	150	18.2	9	φ20	12	22	—	1.5
SSSD-150	282	150	28.9	9	38	12	22	12.8	2
SSSD-160	282	150	28.9	9	50	12	22	12.8	2
SSSD-250	385	250	100.9	12	90	15	25	19.8	3
SSSD-400	385	250	100.9	12	90	15	25	19.8	3

unit : mm

Dimension Table : Short Size

Model	A	B	L	H	W	φD1	φD2	φD3	φD4
SSSD-35S	179.4	50	11.9	6.4	φ12.7	9	22	—	1.5
SSSD-60S	182	50	18.2	9	φ20	12	22	—	1.5
SSSD-150S	182	50	28.9	9	38	12	22	12.8	2
SSSD-160S	182	50	28.9	9	50	12	22	12.8	2
SSSD-250S	285	150	100.9	12	90	15	25	19.8	3
SSSD-400S	285	150	100.9	12	90	15	25	19.8	3

unit : mm

•The Anvils and the Contact points are using the carbide ball.

•The Probe depth can be extend using the option extension rod to measure a deep hole. (without Short size)

•IP Rating : IP67

•Battery CR2032

Specifications

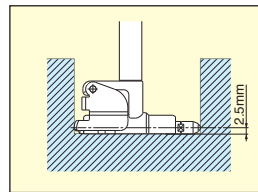
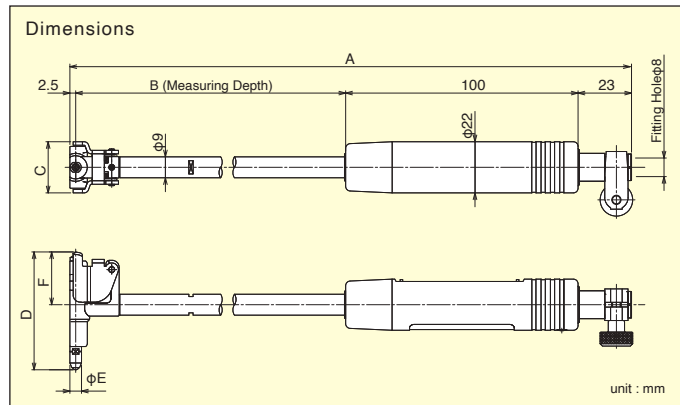
	Model	Resolution (mm)	Measuring Range (mm)	Probe Depth (mm)	Effective Measuring Range(mm)	Indication Error (μm)	Repeatability (μm)	Measuring Force (N)	Guide Support Force(N)	Number of Rods	Interchangeable Washers	Extension Rod	Weight (g)	Suggested List Price
Long Size	SSSD-35	0.001	18-35	100	1.2	6	2.5	4.9 or less	6 or less	9pcs./2mm	0.5-1mm		235	117,700 JPY
	SSSD-60	0.001	35-60	150	1.2	6	2.5	4.9 or less	6 or less	6pcs./2mm	0.5-1-2-3mm		305	118,800 JPY
	SSSD-150	0.001	50-150	150	1.6	6	2.5	5.9 or less	10 or less	11pcs./5mm	0.5-1-2-3mm	50mmx1	325	119,900 JPY
	SSSD-160	0.001	100-160	150	1.6	6	2.5	5.9 or less	10 or less	13pcs./5mm	0.5-1-2-3mm		385	132,000 JPY
	SSSD-250	0.001	160-250	250	1.6	6	2.5	6.9 or less	15 or less	6pcs./5mm	0.5-1-2-3-4-5-6mm		815	146,300 JPY
	SSSD-400	0.001	250-400	250	1.6	6	2.5	6.9 or less	15 or less	5pcs./15mm	0.5-1-2-3-4-5-6mm	75mmx1	1,035	157,300 JPY
Short Size	SSSD-35S	0.001	18-35	50	1.2	6	2.5	4.9 or less	6 or less	9pcs./15mm	0.5-1mm		225	117,700 JPY
	SSSD-60S	0.001	35-60	50	1.2	6	2.5	4.9 or less	6 or less	6pcs./2mm	0.5-1-2-3mm		285	118,800 JPY
	SSSD-150S	0.001	50-150	50	1.6	6	2.5	5.9 or less	10 or less	11pcs./5mm	0.5-1-2-3mm	50mmx1	305	119,900 JPY
	SSSD-160S	0.001	100-160	50	1.6	6	2.5	5.9 or less	10 or less	15pcs./5mm	0.5-1-2-3mm		365	132,000 JPY
	SSSD-250S	0.001	160-250	150	1.6	6	2.5	6.9 or less	15 or less	6pcs./5mm	0.5-1-2-3-4-5-6mm		705	151,800 JPY
	SSSD-400S	0.001	250-400	150	1.6	6	2.5	6.9 or less	15 or less	5pcs./15mm	0.5-1-2-3-4-5-6mm	75mmx1	795	165,000 JPY

■ Bore Gauge (CD Type) for shallow hole +1/1000mm Mini Indicator Features

Features



- Easy measurement of Internal diameter for shallow hole
- High precision measurement of Internal diameter
- With Mini Indicator SSI-250 ⇒1/1000mm, Φ45mm, 75g
- Easy Comparison Measurement by Analog Display
- Easy Searching Minimum value of Internal diameter by Peak hold mode(MIN mode)
- Compliance with JIS B 7515A
- One-touch data sending to PC by built-in Bluetooth
- Data management by SmartMeasure®Lite (free)



Internal measurement is possible at the position from shallow hole bottom by 2.5mm.

Dimension Table

Model	A	B	C	D	E	F
SSCD-35F	275.5	150	10.6	15.7	5	10
SSCD-60F	275.5	150	18	35.7	5	14.3
SSCD-150F	275.5	150	22	50.7	5	22.7
SSCD-35FS	175.5	50	10.6	15.7	5	10
SSCD-60FS	175.5	50	18	35.7	5	14.3
SSCD-150FS	175.5	50	22	50.7	5	22.7

unit : mm

-IP Rating : IP67

-Battery : CR2032

Specifications

Model	Resolution (mm)	Measuring Range(mm)	Effective Measuring Range(mm)	Indication Error(μm)	Repeatability (μm)	Measuring Force(N)	Guide Support Force(N)	Number of Rods	Weight (g)	Suggested List Price
SSCD-35F	0.001	15~35	1.2	8	3	4.9 or less	6 or less	11	255	128,700 JPY
SSCD-60F	0.001	35~60	1.2	8	3	4.9 or less	6 or less	6	275	128,700 JPY
SSCD-150F	0.001	50~150	1.2	8	3	5.9 or less	10 or less	11	285	134,200 JPY
SSCD-35FS	0.001	15~35	1.2	8	3	4.9 or less	6 or less	11	215	138,600 JPY
SSCD-60FS	0.001	35~60	1.2	8	3	4.9 or less	6 or less	6	235	140,800 JPY
SSCD-150FS	0.001	50~150	1.2	8	3	5.9 or less	10 or less	11	245	145,200 JPY

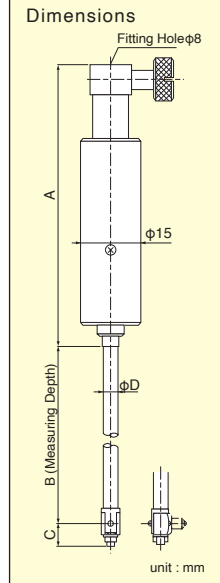
SSCD-60F

■ Bore Gauge (CN Type) for small hole +1/1000mm Mini Indicator Features



Features

- Easy measurement of Internal diameter for small hole(18.5mm or less)
- High precision measurement of Internal diameter
- With Mini Indicator SSI-250 ⇒1/1000mm, Φ45mm, 75g
- Easy Comparison Measurement by Analog Display
- Easy Searching Minimum value of Internal diameter by Peak hold mode(MIN mode)
- Compliance with JIS B 7515A
- One-touch data sending to PC by built-in Bluetooth
- Data management by SmartMeasure®Lite (free)



-IP Rating : IP67

-Battery : CR2032

Dimension Table

Model	A	B	C	D
SSCN-10	80	49	5.4	4
SSCN-18	80	100	8.5	6

unit : mm

Specifications

Model	Resolution (mm)	Measuring Range(mm)	Probe Depth (mm)	Effective Measuring Range(mm)	Indication Error(μm)	Repeatability (μm)	Measuring Force(N)	Guide Support Force(N)	Weight (g)	Suggested List Price
SSCN-10	0.001	6~10	49	0.5	9	4	2.9 or less	—	145	127,600 JPY
SSCN-18	0.001	10~18.5	100	0.6	9	4	2.9 or less	6 or less	160	123,200 JPY

SSCN-10

SSCN-18

Parts

Interchangeable Rods (Anvils), Washers and Extension Rods (For CD & CN type)

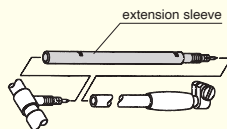
Model	Extension rods	Interchangeable rods (anvils)													Washers							
		No.1	No.2	No.3	No.4	No.5	No.6	No.7	No.8	No.9	No.10	No.11	No.12	No.13	0.5mm	1mm	2mm	3mm	4mm	5mm	6mm	
CN-10	NML	6	6.5	7	7.5	8	8.5	9	9.5	10												
	Code No.	ZJ-300	ZJ-301	ZJ-302	ZJ-303	ZJ-304	ZJ-305	ZJ-306	ZJ-307	ZJ-308												
CN-18	NML	10	11	12	13	14	15	16	17	18												
	Code No.	ZJ-310	ZJ-311	ZJ-312	ZJ-313	ZJ-314	ZJ-315	ZJ-316	ZJ-317	ZJ-318												
CD-35	NML	18	20	22	24	26	28	30	32	34												
CD-35S	Code No.	ZJ-350	ZJ-351	ZJ-352	ZJ-353	ZJ-354	ZJ-355	ZJ-356	ZJ-357	ZJ-358												
CD-60	NML	35	40	45	50	55	60															
CD-60S	Code No.	ZJ-360	ZJ-361	ZJ-362	ZJ-363	ZJ-364	ZJ-365															
CD-150	NML	50	55	60	65	70	75	80	85	90	95	100										
	Code No.	ZJ-360	ZJ-361	ZJ-362	ZJ-363	ZJ-364	ZJ-365	ZJ-366	ZJ-367	ZJ-368	ZJ-369	ZJ-370										
CD-150S	NML	50	100	105	110	115	120	125	130	135	140	145	150									
	Code No.	ZJ-379	ZJ-380	ZJ-381	ZJ-382	ZJ-383	ZJ-384	ZJ-385	ZJ-386	ZJ-387	ZJ-388	ZJ-389	ZJ-390	ZJ-391	ZJ-392	ZJ-393	ZJ-394					
CD-160	NML	100	105	110	115	120	125	130	135	140	145	150	155	160								
CD-160S	Code No.	ZJ-360	ZJ-361	ZJ-362	ZJ-363	ZJ-364	ZJ-365	ZJ-366	ZJ-367	ZJ-368	ZJ-369	ZJ-370	ZJ-371	ZJ-372								
CD-250	NML	160	175	190	205	220	235															
CD-250S	Code No.	ZJ-373	ZJ-374	ZJ-375	ZJ-376	ZJ-377	ZJ-378															
CD-400	NML	250	265	280	295	310																
	Code No.	ZJ-373	ZJ-374	ZJ-375	ZJ-376	ZJ-377																
CD-400S	NML	75	325	340	355	370	385															
	Code No.	ZJ-380	ZJ-373	ZJ-374	ZJ-375	ZJ-376	ZJ-377															
CD-35F	NML	15	16	17	18	19	20	21	22	23	24	25										
	Code No.	ZJ-319	ZJ-320	ZJ-321	ZJ-322	ZJ-323	ZJ-324	ZJ-325	ZJ-326	ZJ-327	ZJ-328	ZJ-329										
CD-35FS	NML	10mm	26	27	28	29	30	31	32	33	34	35										
	Code No.	ZJ-341	(ZJ-319)	ZJ-320	ZJ-321	ZJ-322	ZJ-323	ZJ-324	ZJ-325	ZJ-326	ZJ-327	ZJ-328	ZJ-329									
CD-60F	NML	35	40	45	50	55	60															
CD-60FS	Code No.	ZJ-330	ZJ-331	ZJ-332	ZJ-333	ZJ-334	ZJ-335															
CD-150F	NML	50	55	60	65	70	75	80	85	90	95	100										
	Code No.	ZJ-330	ZJ-331	ZJ-332	ZJ-333	ZJ-334	ZJ-335	ZJ-336	ZJ-337	ZJ-338	ZJ-339	ZJ-340										
CD-150FS	NML	50	(100)	105	110	115	120	125	130	135	140	145	150									
	Code No.	ZJ-342	(ZJ-330)	ZJ-331	ZJ-332	ZJ-333	ZJ-334	ZJ-335	ZJ-336	ZJ-337	ZJ-338	ZJ-339	ZJ-340									

Extension Sleeves

Length (mm)	CD-35 CD35F~ CD150F	CD-60~ CD-160	CD-250~ CD-400
125	ZJ-400	ZJ-403	ZJ-408
250	ZJ-401	ZJ-404	ZJ-409
500	ZJ-402	ZJ-405	ZJ-410
750	-	ZJ-406	ZJ-411
1000	-	ZJ-407	ZJ-412
Extension sleeve dia. (mm)	φ8.7	φ12	φ15
Spanner	ZZ-018	ZZ-019	

Can not be used for CN-10, 18, 35F, 60F, 150F.

In case that deep holes are measured which can not be measured with standard bore gauges, measuring depth is to be extended by extension rod outer cylinder.



Dial Gauge Protection Cover (ZY-094)



Dial indicator protection cover (ZY-094). Protection cover for bore gauge. It can not be used for CC type.

Extension Rods and Washer Set

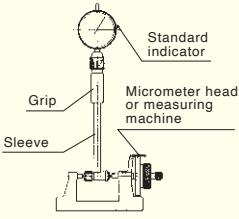
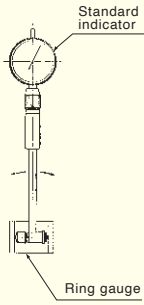
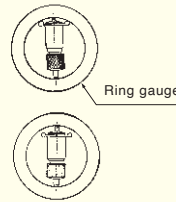
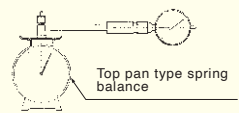
Code No.	Model
ZJ-918	CN-10
ZJ-919	CN-18
ZJ-920	CD-35F
ZJ-921	CD-60F
ZJ-922	CD-150F
ZJ-923	CD-35
ZJ-924	CD-60
ZJ-925	CD-150
ZJ-926	CD-160
ZJ-927	CD-250
ZJ-928	CD-400

Can also be used to CN type of old products.

Technical Sheet

■ Cylinder Gauges JIS B 7515-1982 (Refer to JIS)

1) Measuring Method for Performance

No.	Item	Method of measurement	Illustration, shown for example	Measuring instrument
1	Wide range accuracy	Support the sleeve of the bore gauge vertically, referring to the reading of the standard indicator, push the plunger 0.1mm by 0.1mm starting from the origin to the final limit of effective measuring range, calculate the error by subtracting the reading of the micrometer head or measuring machine, draw an error diagram (see Attached Figure) , and obtain the accuracy or error from it. Before commencing the measurement, fix the body and calibrate the instrumental error of the standard indicator.		Micrometer head or measuring machine (1μm or less scale interval, within ± 1μm instrumental error), standard indicator
2	Adjacent accuracy			
3	Repeated accuracy	Insert the body into the ring gauge, swing the sleeve to make three backward-and-forward motions in the plane including the axes of plunger and sleeve, read the minimum indication during each forward (or backward) motion, and remove the body from the ring. Repeat this procedure three times, and determine the difference between the maximum and minimum values among the nine readings taken. When making this measurement, press the bore gauge tips at the same places on the inside wall of ring gauge.		Standard indicator, ring gauge
4		Error due to rotation of plunger(2)		
5	Error due to guide plate	Make three measurements on the ring gauge under the condition such that the guide plate is touching the ring gauge, and under the condition such that the former is not touching the latter, and determine the difference between the mean values for the respective two cases.		Standard indicator, ring gauge
6	Measuring force	Support the sleeve horizontally, continuously push in the plunger, measure the force at the origin and final limit of effective measuring range, and subtract the measuring force of standard indicator to determine the measuring force.		Standard indicator, top pan type spring balance (20g or less scale interval) or dynamometer (0.2N {20 gf} or less sensitiveness)

Note(1) To be applied to rotatable plunger.

2) Performance

unit : μm

Measuring range(mm)	Permissible value for wide range accuracy(μm)		Permissible value for adjacent error (μm)		Permissible value for repeated accuracy (μm)		Permissible value for error due to rotation of plunger(1) (μm)		Permissible value for error due to guide plate(μm)		Measuring force (N){gf}
	Grade A	Grade B	Grade A	Grade B	Grade A	Grade B	Grade A	Grade B	Grade A	Grade B	
18~35	5	10	2	4	2	3	2	4	1	2	4max.{408}
35~60	5	10	2	4	2	3	2	4	1	2	4max.{408}
50~100	5	10	2	4	2	3	2	4	1	2	5max.{510}
100~160	5	10	2	4	2	3	2	4	1	2	5max.{510}
160~250	5	10	2	4	2	3	2	4	2	3	6max.{612}
250~400	5	10	2	4	2	3	2	4	2	3	6max.{612}

Note(1) To be applied to the rotatable plunger.

Remark: The values in this Table are referred to 20°C temperature.

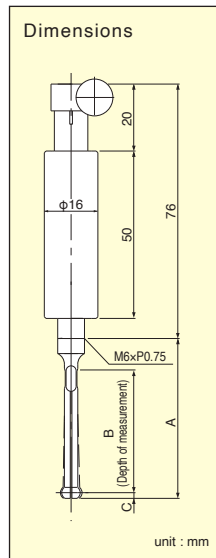
Micro-Hole Test

- It can comply with measuring internal diameter from minimum $\phi 1.7\text{mm}$ to maximum $\phi 10\text{mm}$.
- It has realized stability accuracy $2\mu\text{m}$, even though it is applied for small internal diameter which is difficult to measure.
- It realizes smooth operation with hard chrome plating. It can be naturally inserted to small internal diameter and obtain stable indication value.



MT-10N

Measuring Range 6~10mm



[Full Choice] Micro-Hole Test

Series to select only the measuring range is needed.

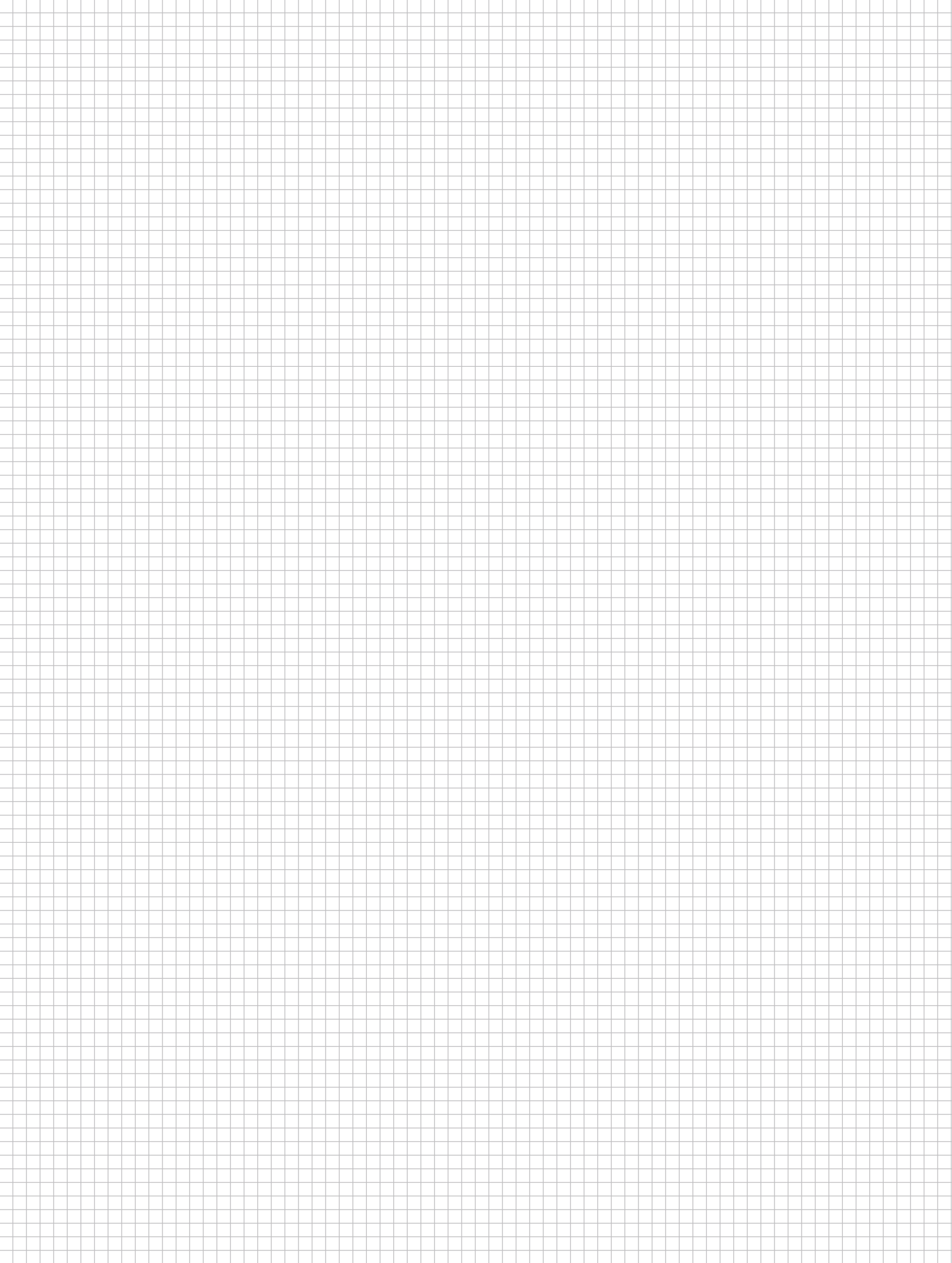
Model	Order number	Measuring Range (mm)	Probe	Driving Rod	Suggested ListPrice
MT-3N	MT-3N 1.7	1.7~2.1	012	1	67,040 JPY
	MT-3N 2.1	2.1~2.4	013	1	67,040 JPY
	MT-3N 2.3	2.3~2.7	014	2	67,040 JPY
	MT-3N 2.7	2.7~3.2	015	2	67,040 JPY
MT-4N	MT-4N 2.7	2.7~3.2	015	2	67,040 JPY
	MT-4N 3.1	3.1~3.5	016	2	67,040 JPY
	MT-4N 3.4	3.4~3.8	017	2	67,040 JPY
MT-6N	MT-4N 3.8	3.8~4.3	018	2	67,040 JPY
	MT-6N 3.8	3.8~4.3	018	2	67,040 JPY
	MT-6N 4.2	4.2~5.0	021	3	62,680 JPY
MT-10N	MT-6N 4.7	4.7~5.5	022	3	62,680 JPY
	MT-6N 5.3	5.3~6.2	023	3	62,680 JPY
	MT-10N 6.0	6.0~6.8	024	3	62,680 JPY
	MT-10N 6.6	6.6~7.5	025	3	62,680 JPY
	MT-10N 7.3	7.3~8.1	026	3	62,680 JPY
	MT-10N 8.0	8.0~8.8	027	3	62,680 JPY
	MT-10N 8.5	8.5~9.4	028	3	62,680 JPY
	MT-10N 9.2	9.2~10.0	029	3	62,680 JPY

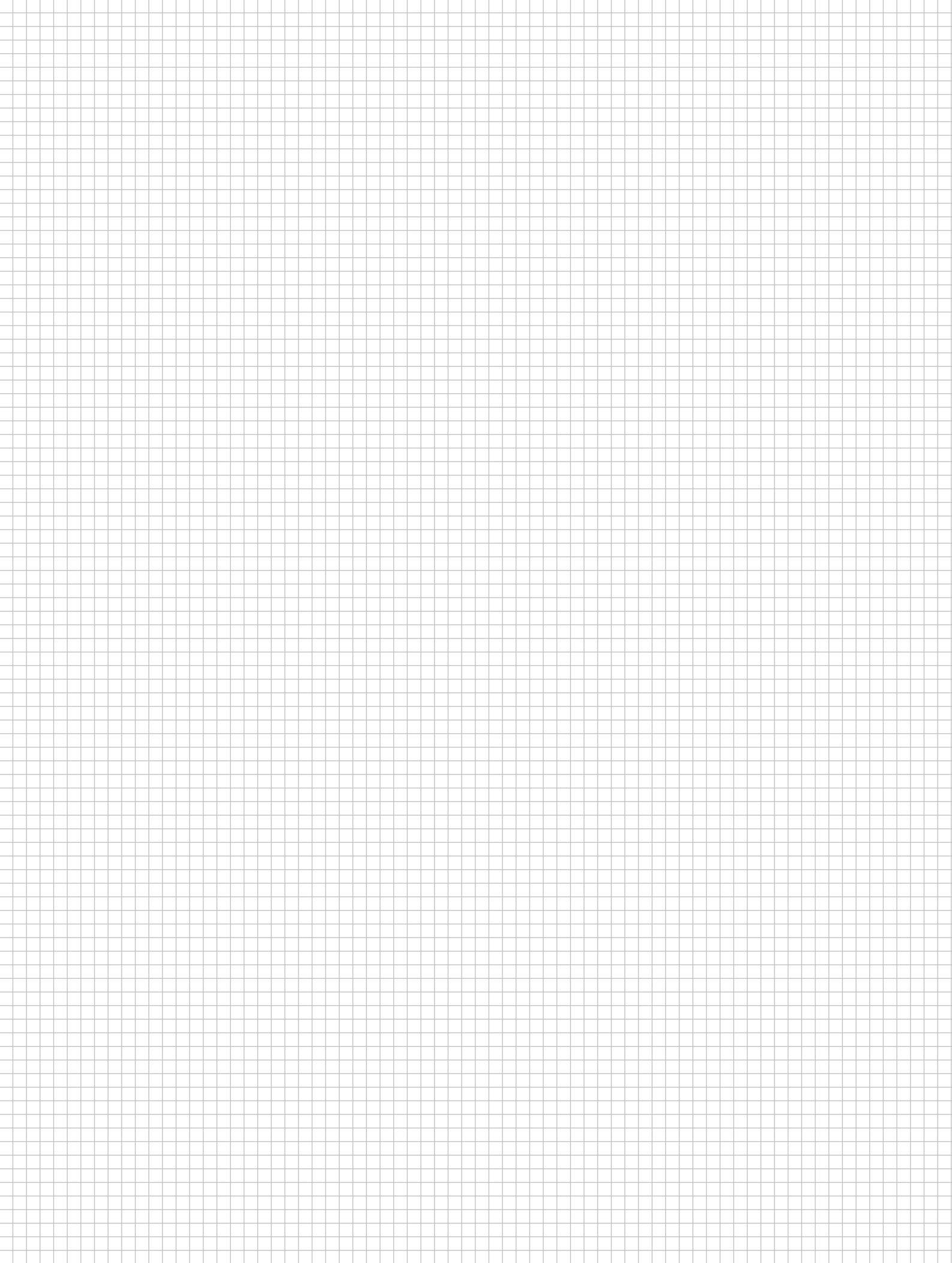
Product configuration=Probe+Driving rod + Holder + Extension rods + Spanner (Dial gauge options)

Specifications

Model	Measuring Range (mm)	Probe						Accessories			Indication Error(μm)	Repeatability (μm)	Weight (g)	Suggested List Price
		Number of Probe	No.	Measuring Range (mm)	Probe Dimensions (mm)			Driving Rod	Extension Rods	Spanner				
MT-3N	1.7~3.2	4	012	1.70~2.10	25.3	17	0.9	Driving Rod 1	1	1	8	2	55	142,780 JPY
			013	2.10~2.40										
			014	2.30~2.70										
			015	2.70~3.20										
MT-4N	2.7~4.3	4	015	2.70~3.20	30.6	22	1.2	Driving Rod 2	1	1	8	2	55	124,630 JPY
			016	3.10~3.50										
			017	3.40~3.80										
MT-6N	3.8~6.2	4	018	3.80~4.30	30.6	22	2.0	Driving Rod 3	1	1	8	2	60	125,620 JPY
			018	3.80~4.30	30.6	22								
			021	4.20~5.00	47.3	40	2.0							
			022	4.70~5.50										
MT-10N	6.0~10.0	6	023	5.30~6.20	47.3	40	2.0	Driving Rod 3	1	1	8	2	60	146,410 JPY
			024	6.00~6.80										
			025	6.60~7.50										
			026	7.30~8.10										
			027	8.00~8.80										
			028	8.50~9.40										
029	9.20~10.00	50												

MEMO





MEMO
