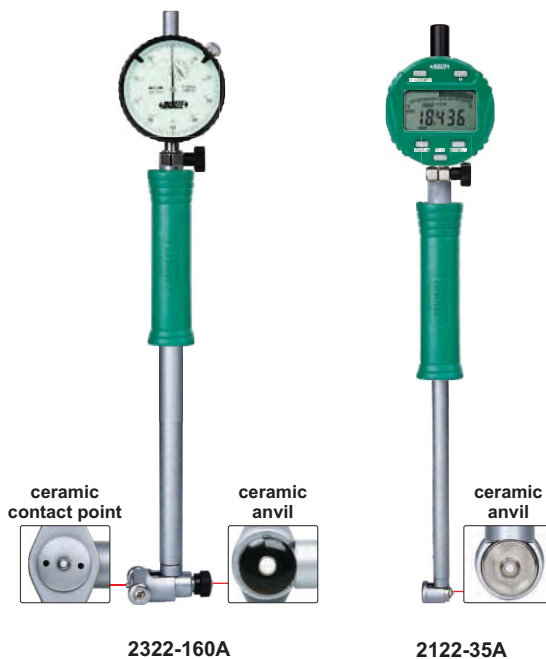
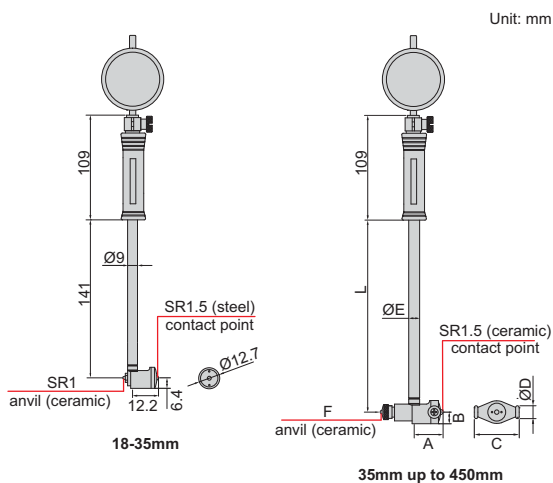


ATTENTION: NOT SUITABLE
FOR 0.001MM DIAL INDICATORS

DATA
OUTPUT

BORE GAGES

6



- Optional accessory: setting ring (code 6312), long handle (code 7351)

(mm)							
Range	A	B	C	ØD	ØE	F	L
35-60mm	22	9	27	13	12.8	SR2	141
50-100mm	26	9	35	13	12.8	SR2	141
50-160mm	26	9	35	13	12.8	SR2	141
100-160mm	26	9	35	13	12.8	SR2	141
160-250mm	56.5	13	74.5	15	12.8	SR2	241
250-450mm	86.5	15	101.5	15	14.5	SR2.5	241

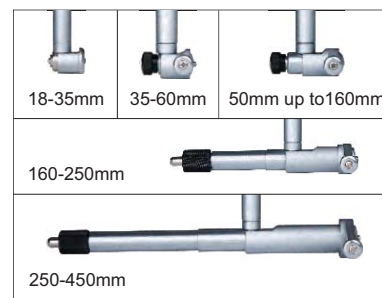


With dial indicator

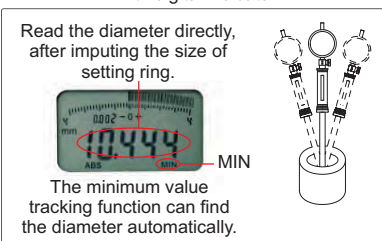
Code	Range	Indicator	Accuracy	Repeatability
2322-35A	18-35mm	dial indicator, range 10mm, graduation 0.01mm (code 2308-10FA)	±0.015mm	0.003mm
2322-60A	35-60mm		±0.018mm	0.003mm
2322-100A	50-100mm		±0.018mm	0.003mm
2322-160A	50-160mm		±0.018mm	0.003mm
2322-161A	100-160mm		±0.018mm	0.003mm
2322-250A	160-250mm		±0.018mm	0.003mm
2322-450A	250-450mm		±0.018mm	0.003mm

With digital indicator

Code	Range	Indicator	Accuracy	Repeatability
2122-35A	18-35mm	digital indicator, range 12.7mm/0.5", resolution 0.002mm/0.0001" (code 2108-10F)	±0.015mm	0.003mm
2122-60A	35-60mm		±0.018mm	0.003mm
2122-100A	50-100mm		±0.018mm	0.003mm
2122-160A	50-160mm		±0.018mm	0.003mm
2122-161A	100-160mm		±0.018mm	0.003mm
2122-250A	160-250mm		±0.018mm	0.003mm
2122-450A	250-450mm		±0.018mm	0.003mm



with digital indicator



**ATTENTION: NOT SUITABLE
FOR 0.001MM DIAL INDICATORS**



6-10mm 10-18.5mm

**ATTENTION: NOT SUITABLE
FOR 0.001MM DIAL INDICATORS**

A vertical pressure gauge with a green handle and a circular scale. The scale has a needle pointing to a value between 0 and 10. The gauge is connected to a horizontal pipe at the bottom.

Unit: mm

109

L

ØA

L1

12

ØD

12

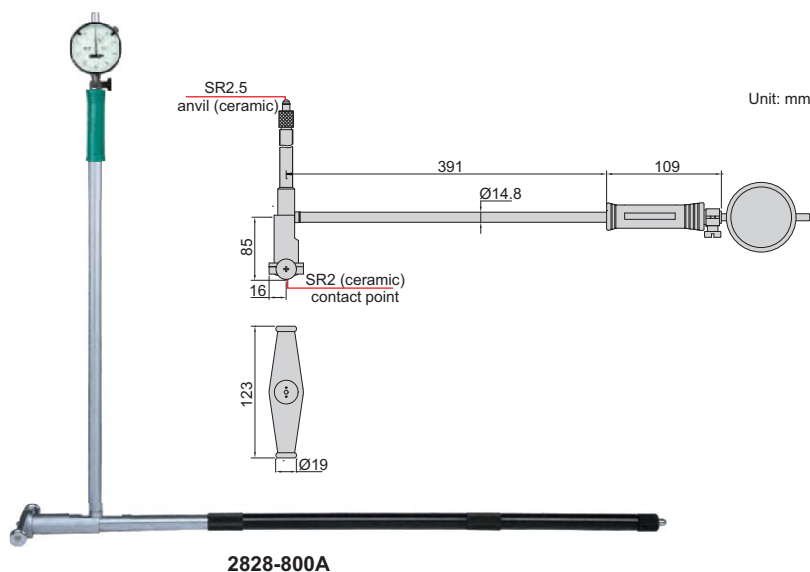
SR1 (ceramic)
contact point

SR2
anvil (ceramic)

	(mm)						
Range	ØA	B	C	ØD	E	L	L1
35-60mm	12.8	22	9	13	27	141	75
50-160mm	12.8	28.5	9.2	13	35	141	76.2
160-250mm	14.5	62.0	12.7	15	74.5	391	100
250-450mm	14.5	91.5	15.0	15	101.5	391	100

BORE GAGES

ATTENTION: NOT SUITABLE FOR 0.001MM DIAL INDICATORS



2828-800A



2308-10FA

2108-10F

Code	Range	Indicator	Accuracy	Repeatability
2828-800A	400-800mm	dial indicator code 2308-10FA , range 10mm, graduation 0.01mm	±0.025mm	0.003mm
2128-800A	400-800mm	digital indicator code 2108-10F , range 12.7mm/0.5", graduation 0.002mm/0.0001"	±0.025mm	0.003mm

ATTENTION: NOT SUITABLE FOR 0.001MM DIAL INDICATORS

packaging (code 2824-S3)



- Optional accessory:
setting ring (code 6312),
long handle (code 7351)



2824-S160

2824-S3

BORE GAGE SETS



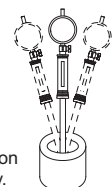
2308-10FA

2108-10F

with digital indicator

Read the diameter directly, after inputting the size of setting ring.

The minimum value tracking function can find the diameter automatically.



With dial indicator

Code	Range	Indicator	Bore gages included	Accuracy	Repeatability
2824-S160	35-160mm	dial indicator, code 2308-10FA , range 10mm, graduation 0.01mm	① 35-50mm (dial indicator and handle are optional) ② 50-160mm	35-50mm ±0.018mm 50-160mm ±0.018mm	0.003mm
2824-S3	18-160mm	dial indicator, code 2308-10FA , range 10mm, graduation 0.01mm	① 18-35mm ② 35-60mm (dial indicator is optional) ③ 50-160mm (dial indicator is optional)	18-35mm ±0.015mm 35-60mm ±0.018mm 50-160mm ±0.018mm	0.003mm

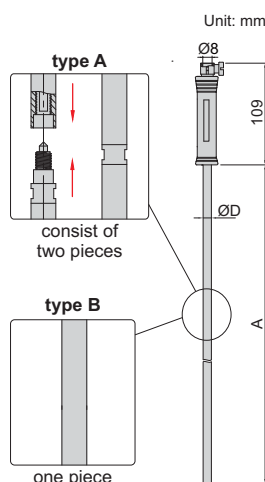
With digital indicator

Code	Range	Indicator	Bore gages included	Accuracy	Repeatability
2854-T160	35-160mm	digital indicator, code 2108-10F range 12.7mm/0.5", resolution 0.002mm/0.0001"	① 35-50mm (digital indicator and handle are not included) ② 50-160mm	35-50mm ±0.018mm 50-160mm ±0.018mm	0.003mm
2854-T3	18-160mm	digital indicator, code 2108-10F range 12.7mm/0.5", resolution 0.002mm/0.0001"	① 18-35mm ② 35-60mm (digital indicator is optional) ③ 50-160mm (digital indicator is optional)	18-35mm ±0.015mm 35-60mm ±0.018mm 50-160mm ±0.018mm	0.003mm

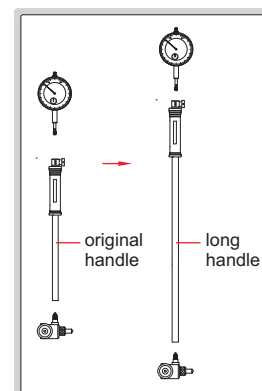
LONG HANDLES

- To assist deep-hole measurement
- Can be used for bore gages **2122, 2127, 2322, 2724, 2824** and **2827**

Code	Applicable bore gages	A	ØD	Type
7351-EX11	35-60mm, 50-100mm, 50-160mm, 100-160mm	475	13	B
7351-EX12		980	13	A
7351-EX13		1480	14.5	
7351-EX14		1980	14.5	
7351-EX21	160-250mm, 250-450mm	480	14.5	B
7351-EX22		980	14.5	A
7351-EX23		1480	14.5	
7351-EX24		1980	14.5	



method of use (replace the original handle with long handle)



ANVILS FOR BORE GAGES

- For bore gages **2852, 2152, 2322, 2122, 2127, 2724, 2824** and **2827**



7350-160

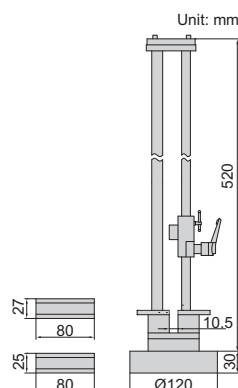
Code	Applicable bore gages	Material of measuring face	Quantity per set	Measuring range of anvil (mm)
7350-10	6-10mm	steel	9 pcs	6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10
7350-18	10-18.5mm	ceramic	9 pcs	10, 11, 12, 13, 14, 15, 16, 17, 18
7350-35	18-35mm	ceramic	9 pcs	18, 20, 22, 24, 26, 28, 30, 32, 34
7350-60	35-60mm	ceramic	6 pcs	35, 40, 45, 50, 55, 60
7350-100	50-100mm	ceramic	11 pcs	50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100
7350-160	50-160mm	ceramic	12 pcs	50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 105
7350-161	100-160mm	ceramic	12 pcs	50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 105
7350-250	160-250mm	ceramic	5 pcs	160, 170, 180, 190, 200
7350-450	250-450mm	ceramic	5 pcs	250, 260, 270, 280, 290

BORE GAGE SETTER

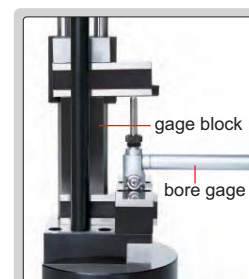


- Used together with gage blocks to set bore gages

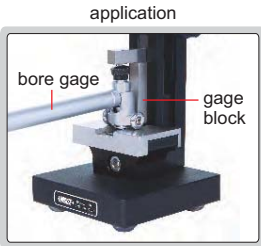
Code	Setting range
2395-400	18-400mm



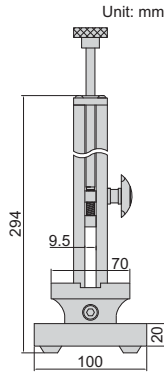
2395-400



BORE GAGE SETTERS



- Vertical and horizontal use
- To be used with gage blocks



7353-160

horizontal use



gage blocks for 7353-160



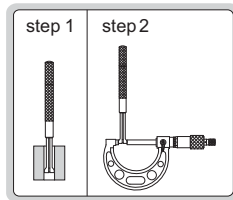
Gage block set for 7353-160

Blocks per set	Size (mm)	Step (mm)	Quantity	Remark
33	1.005	0.01	1 pc	grade 2 (ISO3650)
	1.01-1.09		9 pcs	
	1.1-1.9		9 pcs	
	1-9	1	9 pcs	
	10-30	10	3 pcs	
	50		1 pc	
	100		1 pc	

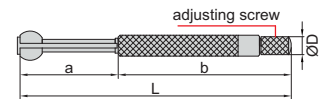
6

SMALL HOLE GAGE SET

- 4 gages per set
- For small holes, slots and grooves, etc.
- Satin chrome finish



4208-1

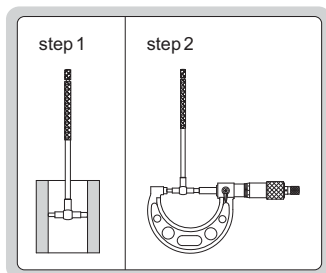


(mm)

Range	L	a	b	ØD
3-5mm	76	24	52	5
5-7.5mm	79	27	52	5
7.5-10mm	88	30	58	6
10-13mm	91	34	58	6

Code	Total range	Gages included
4208-1	3-13mm	3-5mm, 5-7.5mm, 7.5-10mm, 10-13mm

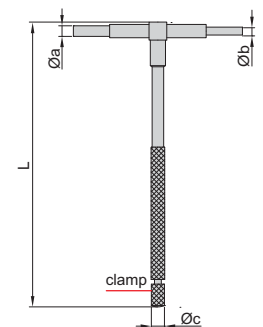
TELESCOPING GAGE SET



- 6 gages per set
- For quick measurement of inside diameter of holes and width of slots
- Satin chrome finish



4206-1



(mm)

Range	L	Øa	Øb	Øc
8-12.7mm	115	3.9	2.9	6.2
12.7-19mm	115	5.3	3.8	6.2
19-32mm	115	5.3	3.8	6.2
32-54mm	137	7.6	6.1	7.2
54-90mm	137	7.6	6.1	7.2
90-150mm	137	7.6	6.1	7.2

Code	Total range	Gages included
4206-1	8-150mm	8-12.7mm, 12.7-19mm, 19-32mm, 32-54mm, 54-90mm, 90-150mm