

Bore Gage Setter

Code	Range	Repeatability	Remark
7353-160	0-160mm	1.2 μ m	with gage block set
7353-160W	0-160mm	1.2 μ m	without gage block set

Gage block set for 7353-160

Blocks per set	Size(mm)	Step(mm)	Quantity(pcs)	Remark
33	1.005		1	grade 2 (ISO3650)
	1.01-1.09	0.01	9	
	1.1-1.9	0.1	9	
	1-9	1	9	
	10-30	10	3	
	50		1	
	100		1	

- 1-Fine adjust knob
- 2-Pressure bar
- 3-Stand
- 4-Pressure plate
- 5-Flat jaws
- 6-Groove
- 7-Support plate
- 8-locking knob
- 9-Gage blocks
- 10-Support table
- 11-Base
- 12-Spanner



1. Used together with gage blocks to set bore gages.
2. Install the support plate:
Place the support plate on the support table and tighten the locking screws (fig.1).

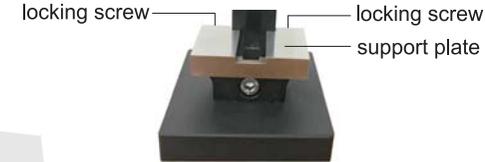


fig.1

3. Usage:
Vertical and horizontal use
 - Before measurement, clean the flat jaws and pressure plate with soft cloth.
 - Select suitable gage blocks to calibrate. Clean the measuring faces of gage blocks.
 - Loosen the locking knob, lift the pressure plate to a position larger than the combined size, and tighten the locking knob.
 - Grind two flat jaws and gage block into inner diameter (fig.2) and place them into the groove.
 - Loosen the locking knob and press the pressure bar down so that the surface of the pressure bar is completely contact with the flat jaw. Then tighten the locking knob (fig. 3). Turn the fine adjust knob so that the pressure bar presses the flat jaw, make sure the gage blocks are stable.
 - Put centering plate of bore gage on the support plate, and make measuring tip of bore gage contact the flat jaws, sway the bore gage slightly to find the minimum value(fig.4), set the value of bore gage same as the size of gage blocks.



fig.2



fig.3



fig.4

4. Bore gage setter should be carefully protected from being scratched or damaged. It should be oiled to prevent rust after use.