



## Master Vernier Height Gages

**No. 254 Series** 0-72"

**No. 254M Series**  
0-900mm

**No. 254EM Series**  
0-24" / 0-600mm

This Master Vernier Height Gage is the ultimate in height gage design and is the experienced craftsman's friend. It is a rugged and reliable tool that gives precise and dependable measurements over long ranges. This tool is accurate, has the easiest reading vernier style, is stronger, and is offered in greater ranges than other height gages.

### Readability Features

- ◆ Long, 50-division vernier scales made popular by Starrett. This feature permits just half as many bar graduations as conventional single vernier tools. These widely spaced graduations make possible easy reading to .001" or 0.02mm without needing a magnifying glass
- ◆ Flush fitting of the vernier scales to the main scale means that these are in the same plane, which eliminates parallax. Vernier scales are adjustable
- ◆ Black lines and figures against Starrett satin chrome finish make reading a pleasure, not an effort
- ◆ The scriber and base are designed for direct reading from zero (bottom of base)

### Ease-of-Handling Features

- ◆ Quick-adjust release on the slide allows for fast positioning
- ◆ Extremely fine adjustments are achieved by a knob located on the base, thereby isolating the column and slide from external pressures
- ◆ Additional remote fine adjustment located on top of the bar for sizes 36" (900mm) and larger – convenient feature when working in higher ranges
- ◆ Special master bar design and the balanced design and weight of the base eliminates vibration – especially helpful with fully extended scribes
- ◆ Master bars on models up to 24" and 600mm are hardened and stabilized
- ◆ Base is hardened, ground, and lapped square with the bar and has finger grooves to provide ease of movement



- ◆ The vertical bar is positioned near the center of the base for balance and stability
- ◆ Versatile tool will scribe lines, mount dial indicators or electronic probes, and accept depth attachments
- ◆ Tool can also be used with our No. 359 Protractor for checking angles
- ◆ The auxiliary scriber is a circular carbide scriber – cuts sharp, clean lines smoothly – rotatable for wear – a Starrett original



### Specifications No. 254 Series



Quick-adjusting screw release permits rapid adjustment of slide to approximate setting followed by precise positioning with fine adjustment knob.



Precise positioning with fine-adjustment knob on the base, isolating the column and slide from external pressures.

#### Inch Reading – Graduation – .001"

Range	Approximate Base Dimensions	Catalog No.	EDP No.
0-12"	5 7/8" x 3 7/8"	254Z-12	51219
0-18"	7 1/2" x 4 1/2"	254Z-18	51220
0-24"		254Z-24	51221
0-36"	10" x 6 1/2"	254Z-36	51222
0-48"		254Z-48	51223
0-60"		254Z-60	56183
0-72"		254Z-72	56184

#### Millimeter Reading – Graduation – 0.02mm

0-300mm	150mm x 95mm	254MZ-300	56214
0-450mm	190mm x 115mm	254MZ-450	56215
0-600mm	250mm x 165mm	254MZ-600	56216
0-900mm		254MZ-900	56217

#### Inch and Millimeter Reading – Graduation – .001" / 0.02mm

0-12"/300mm	(See Above)	254EMZ-12	51224
0-18"/450mm		254EMZ-18	51225
0-24"/600mm		254EMZ-24	51226

#### NOTES:

- ◆ Hardened bars on all sizes through 24" and 600mm
- ◆ Different length carbide scribes available – see scriber selection page near the end of this section.
- ◆ Depth Gage Attachment PT05409A, EDP 51227, available for all sizes through 24" and 600mm

Gage is furnished with scriber, in attractive, protective case. Packed one in a box.