

SlopeGauge

PITCHING MOUND ALIGNMENT

ASSEMBLY & USAGE GUIDE



BEACON  **ATHLETICS**

BEACON Mound Slope Gauge

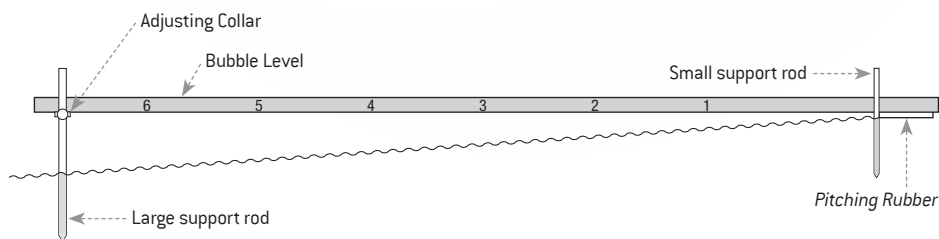
This gauge accurately measures the front slope of any size pitcher's mound.

For Little League or youth baseball mounds (8-12 yrs) the mound should be 6" high. Some older youth leagues (12-14 yrs) use an 8" high mound. For high school, college, adult leagues, and professionals typically use a 10" high mound.

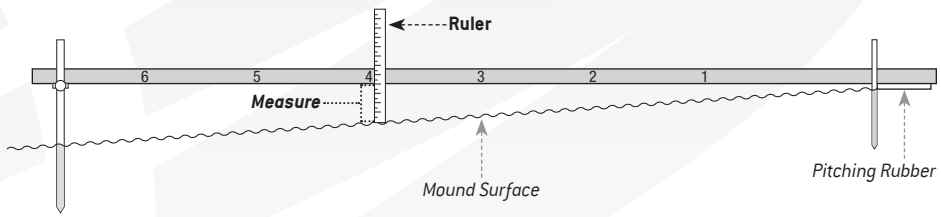
PARTS & HARDWARE

- **8' long aluminum alignment gauge** with attached bubble level on top
- **Two stainless steel support rods**, one small anchor rod and one large rod
- **Adjusting collar** to be used with the larger rod for gauge alignment
- **Metal ruler** for measuring mound slope elevation
- **PVC pipe storage tube** with end caps

SETTING UP THE SLOPE GAUGE



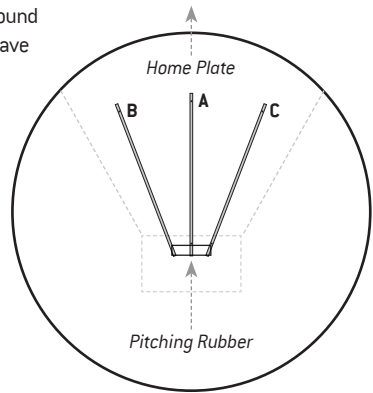
- 1 **Measure to find the center** of the pitching rubber and mark the center point on the front edge of the rubber.
- 2 **Pound the small support rod** into the mound at the center mark, directly in front of and against the pitching rubber.
- 3 **Slide the 8' alignment gauge** onto the small rod through one of the small holes at one end of the gauge. For a 6" mound, you will use the hole labeled with a 6. For an 8" or 10" mound, use the hole labeled with an 8 and a 10.
- 4 **Place the alignment gauge** on the spot on the mound you would like to measure.
- 5 **Pound the large support rod** into the mound at the spot you want to measure until the rod is stable and sturdy.
- 6 **Slip the adjusting collar** onto the large rod.
- 7 **Slide the 8' alignment guide** onto the large rod so the gauge sits on the adjusting collar.
- 8 **Use the adjusting collar** to adjust the gauge until it is level, referencing the bubble level on top of the gauge. *Be sure the gauge is sitting flat on the pitching rubber free of soil or debris.*



MEASURING THE MOUND SLOPE

With the gauge now level and properly placed it is ready to accurately measure the slope for any of the three main mound heights. On each side of the gauge there are numbers 1 through 6. These numbers indicate in inches the correct gap between the bottom of the gauge and the mound surface (see diagram above).

- 1 **Measure the gap** from the bottom of the gauge to the mound surface at each of the points 1 through 6. Your goal is to have the measurement within $\pm 1/8"$ from the desired depth shown on the side of the gauge.
- 2 **Check your front slope** at three different points. Typically, you will check right down the middle from the center of the pitching rubber (A), and then off each side (B, C) at a slight angle as shown in the diagram at right.
- 3 **Note which areas need adjustment.** To adjust areas too high or too low, remove the gauge by sliding it off the support rods, leaving the rods in place.
- 4 **Make adjustments to the slope.** When finished, slide the gauge back onto the support rods and measure again until you are within $\pm 1/8"$ of the desired 1" through 6" measurements.

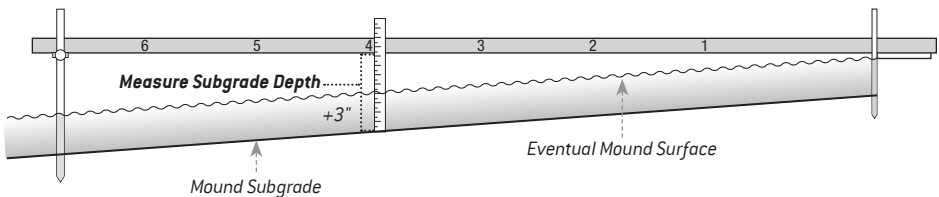


HOW TO SET SUBGRADE WITH THE SLOPE GAUGE

When constructing or renovating a mound, if you want to install a 3" thick clay brick or 3" of shredded clay, the Mound Slope Gauge will help you get it right. Your subgrade upon which the clay will be installed should have the same slope as the finished mound.

For example, to add 3" of clay simply add that 3" to each of the finish slope measurements on the gauge. In other words, at the 1 on the gauge where you are measuring for a 1" gap between the bottom of the gauge and the mound, instead measure down 4" (1 + 3").

At the 2 on the gauge measure down 5" (2 + 3"), and so on. This will show you how deep your mound subgrade should be for adding clay (see diagram below).



Consider these Beacon Built innovative products...

Get the most out of your Mound Slope Gauge. When you're working on your mound, save your back. And your hands. Our revolutionary SweetSpot Tamp reinvents the traditional tamp to eliminate vibrations. And, sift out the spoils with our smart Sifter Scoop Shovel. Innovative ways to make your fields better and your job easier.

ACCESSORIES FOR AROUND THE FIELD

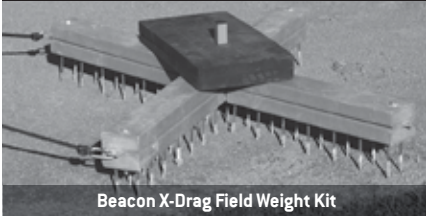


SweetSpot Tamp System



Sifter Scoop Shovel

ADJUSTABLE WEIGHT DRAG SYSTEMS



Beacon X-Drag Field Weight Kit



Beacon Adjustable Weight Nail Drag System



Get the weight right with either the Beacon X-Drag Kit Field Kit or Adjustable Weight Nail Drag System. Both allow you to adjust the weight with Beacon Field Weights. The correct weight depends on many factors, and field weights put you in control.

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