

Snap Meters SERIES 523

Mounting example



ABS Digimatic Indicator



Linear Gage and counter

Typical Indicators Used with Gage

- ID-C (0.0005 mm): **543-700B**
- LGF-L (0.0001 mm): **542-192** & Counter **542-075** & Conversion plug **21HZA195**

- The snap meter with an external indicator enables accurate Go/No-go judgement without interruption. Pushing the retractable anvil button causes the anvil and pointer to move, enabling speedy measurements.
- Select your preferred indicator. The measurement result can be externally output using an indicator with an output function.
- Measuring faces: Carbide tipped



523-141
(Indicator: optional)

SPECIFICATIONS

Metric							
Code No.	Range (mm)	Anvil movement (mm)	Measuring force* (N)	Repeatability of indication (μm)	Flatness (μm)	Parallelism (μm)	Mass (g)
523-141	0 - 25	2	5 - 10	0.4	0.3	0.6	710
523-142	25 - 50						810
523-143	50 - 75					1	920
523-144	75 - 100						1050

Inch							
Code No.	Range (in)	Anvil movement (in)	Measuring force* (N)	Repeatability of indication (in)	Flatness (in)	Parallelism (in)	Mass (g)
523-151	0 - 1	0.078	5 - 10	0.00002	0.000012	0.000024	710
523-152	1 - 2						810
523-153	2 - 3					0.00004	920
523-154	3 - 4						1050

* Measuring force before an indicator is mounted.
Measured at the position where the anvil is retracted by 1 mm from the free position without installing the indicator.

DIMENSIONS

