



Snap Gauges

Versatile snap gauges for comparators or probes





The snap gage range of Metro aims to control accurately cylindrical work parts by giving a measurement not dependant of the operator.

Measurement is fast, accurate and reliable.

The snap gage allows to make comparative measurements of various shapes (diameters, shafts, grooves, etc...) thanks to a large range of measurement anvils.

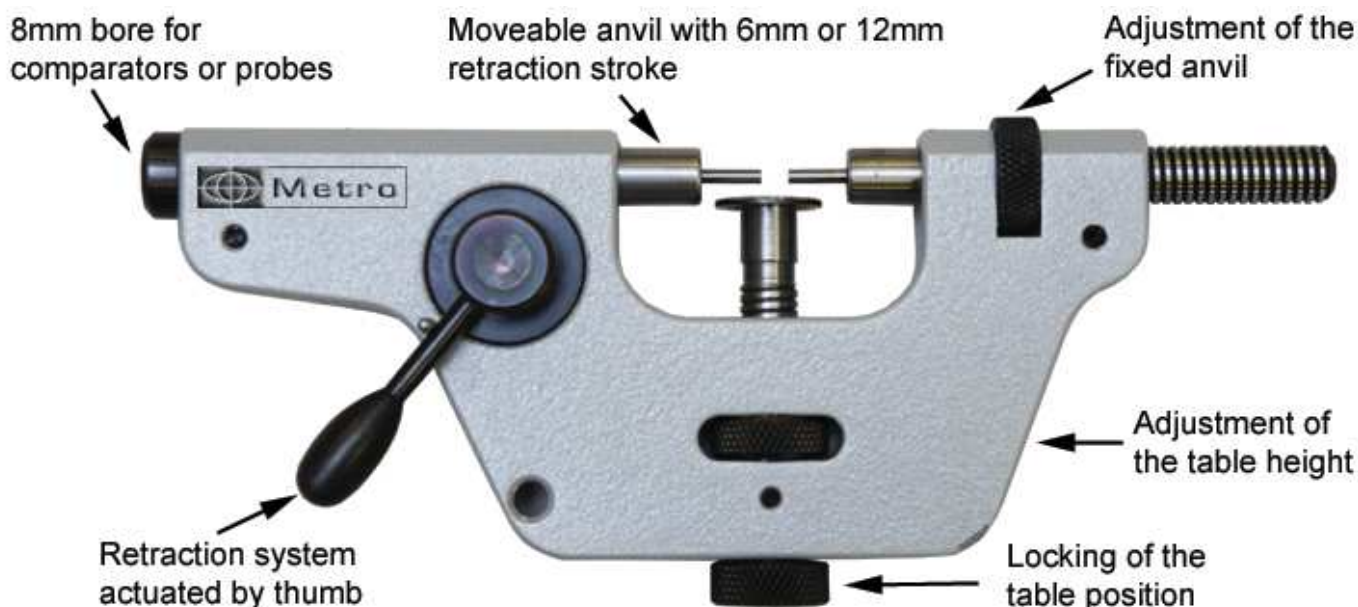
The snap gage can either be fitted with comparators or gauging probes with a standard 8mm diameter.

It can be delivered alone or combined with a probe and a Metro display unit.

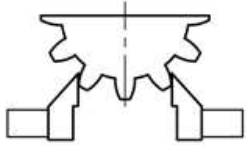

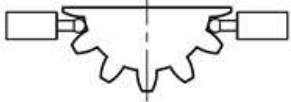

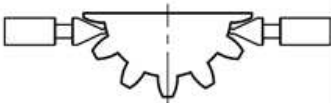



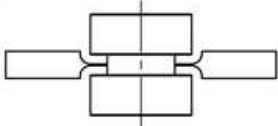

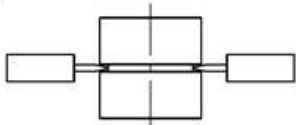

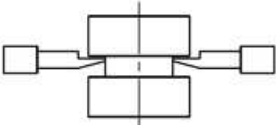



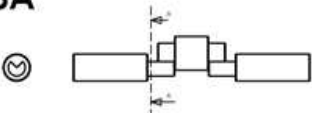




An accurate and versatile device

- Great repetability
- Adjustable measuring tip pressure
- Patented step back system with adjustable mobile tip pressure
- Stabilized steel body
- Carbide tipped measuring face (ceramic or diamond on demand)
- Hardened and stainless steel parts
- Allows to check various shapes with a range of standard anvils covering most of the needs
- Optionnal adjustable table to hold the part
- Measuring range of the moveable anvil : 6 or 12 mm
- 3 Sizes of frame, up to 160mm of capacity
- Lever controlled retraction system
- Measuring face flatness : 0.2 μ m max
- Measuring face parrallelism : 1 μ m max
- Measuring ranges :
 - 0-->40mm
 - 0-->80mm
 - 40-->80mm
 - 80-->160mm
- Optionnal table to hold the part
- Standard stroke of the moveable anvil : 6mm and 12mm in option.
- Delivered with bench stand.



List of standards anvils

<p>T1A</p> 		<p>Measuring jaws</p>
<p>T2A</p> 		<p>Ball tip</p>
<p>T3A</p> 		<p>Control tip</p>
<p>T4A</p> 		<p>Milling control</p>
<p>T5A</p> 		<p>Flat blade anvils</p>
<p>T6A</p> 		<p>Blade anvil</p>
<p>T7A</p> 		<p>Half Blade anvil</p>
<p>TST</p> 		<p>Cylindrical anvils</p>
<p>T8A</p> 		<p>«V» shaped anvils</p> <p> Metro www.metro-fr.com</p>

Example of measurement with a Metro Display unit



The Metro M2 display unit is particularly adapted to be used with snap gages. The picture below shows an example of application with 2 heidenhain probes mounted on snap gages. The measurement is clearly shown on the M2 screen and the result also with useful green/red indicators.

The M2 facilitates the operator's job by switching automatically the part reference on the screen by moving the probe tip. When the M2 is configured, the operator has just to place the parts on the snap gauge and that's all. Results of measurements can be sent on an PC.

This configuration increases consequently efficiency on workshops and reduces costs as well as error risks.

Item references

Item	Ref
0-->40mm Snap gage with 6mm tip travel, including bench stand	60001
0-->80mm Snap gage with 6mm tip travel, including bench stand	60002
40-->80mm Snap gage with 6mm tip travel, including bench stand	60003
80-->160mm Snap gage with 6mm tip travel, including bench stand	60004
0-->30mm Snap gage with 6mm tip travel, including bench stand, interchangeable tip M2.5	60010
0-->70mm Snap gage with 6mm tip travel, including bench stand, interchangeable tip M2.5	60011
30-->70mm Snap gage with 6mm tip travel, including bench stand, interchangeable tip M2.5	60012
70-->140mm Snap gage with 6mm tip travel, including bench stand, interchangeable tip M2.5	60013
Optionnal 12mm travel of moveable anvil	60020
Optionnal table to hold parts	60021



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