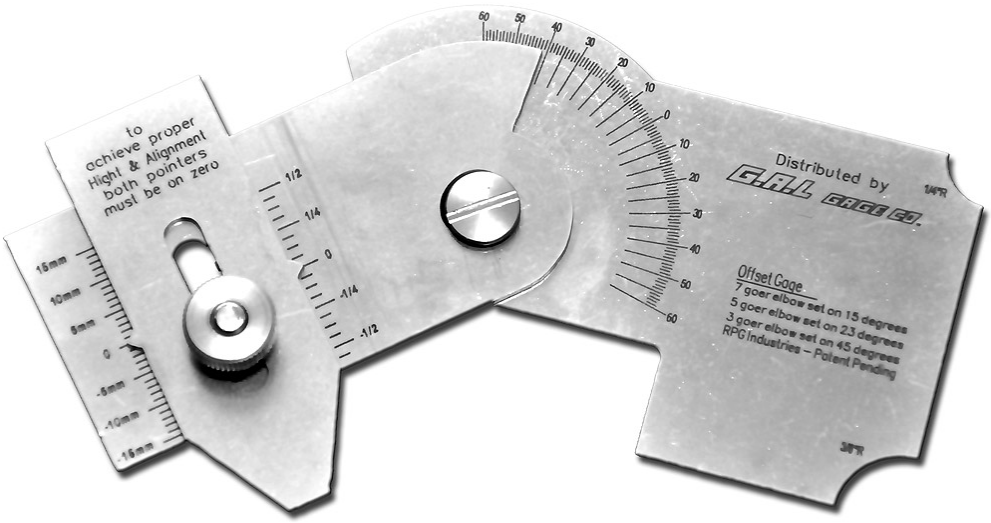
Offset Gauge • Cat # 32 • Usage Guide

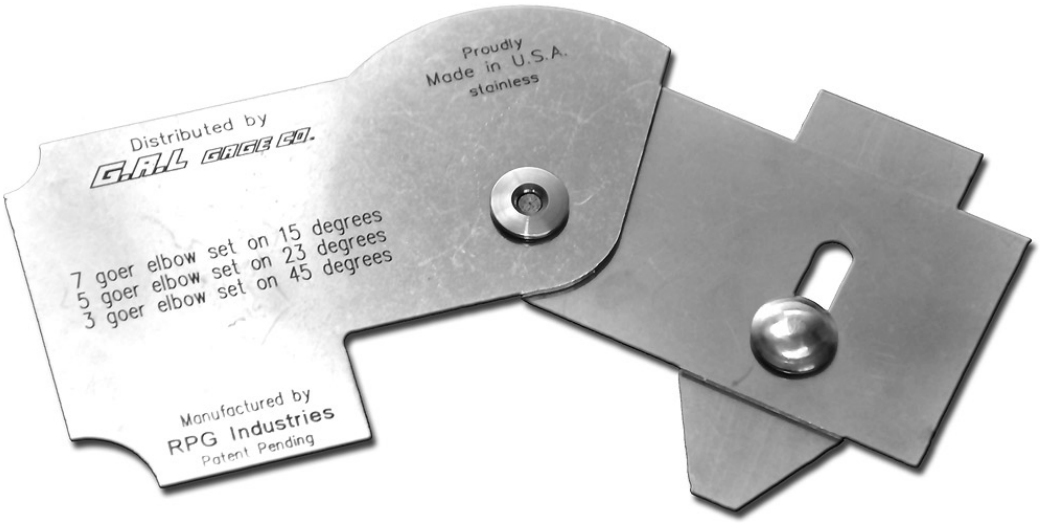
SCALE: INCH & METRIC

Designed & Manufactured by RPG Industries



< Front Side

Back Side >



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The Offset Gauge, Cat # 32, can be used to measure the offset between two plates over welds, fit-up bars, landing rings or any other object up to and including 1" that might obstruct quick measuring of two plates where the Bridge Cam Gauge, Cat # 4, might fail.

It can also be used to measure offset of plates in gored elbows, as seen frequently in duct work, for fit-up including the angle of the parts.

Figure #1 … A simple offset is being measured. Align the pointer to zero. The base opposite the pointer should rest evenly on one side of the offset and the side with the pointer should rest on the other. Bending the gauge so that the pointer rest on the other side of the offset will provide the degree of offset. This should provide a measurement for fit-up. Since the pointer is still aligned at zero the height and alignment is good for this fit-up.

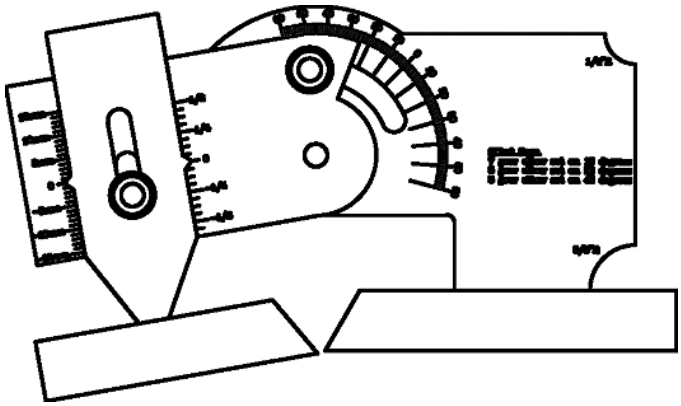

Figure #1

Figure #2 … The pointer is no longer aligned at zero when the gauge is bent to measure the offset. Both a height issue and an alignment issue are seen. When the gauge is bent to measure the offset, the pointer no longer rest at zero and is no longer aligned with the gauge itself.

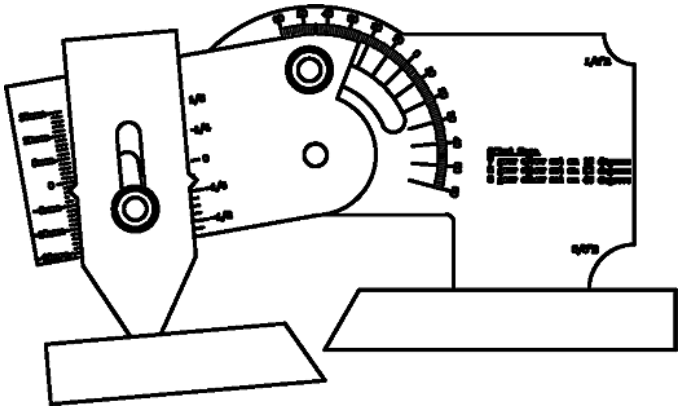

Figure #2

Figure #3 … Plates shown after welding which are harder to see offset.

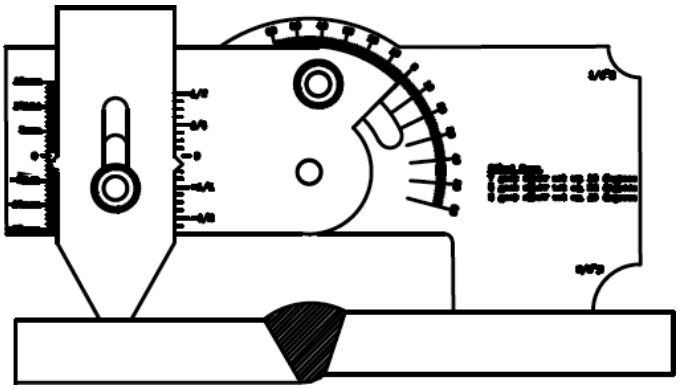

Figure #3

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Measuring offset of angled plates where a weld may be present can be difficult and the Bridge Cam Gauge, Cat # 4, cannot measure at that angle.

The Offset Gauge, Cat # 32, can measure at that angle.

Figures #1 & #2 … Welding is present in angled plates.

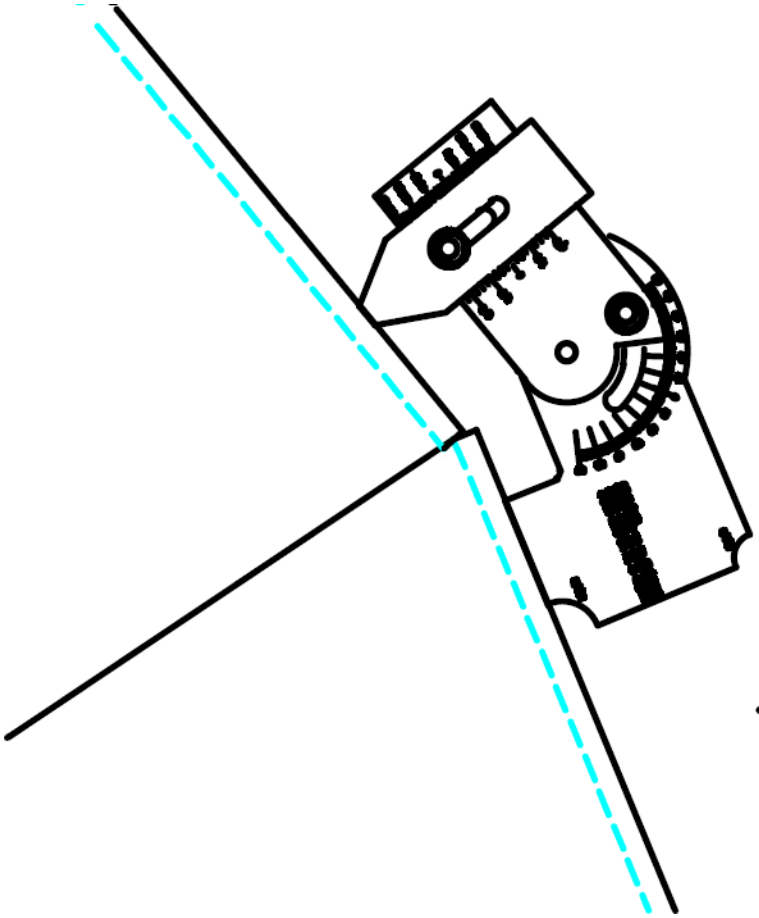

Figure #1

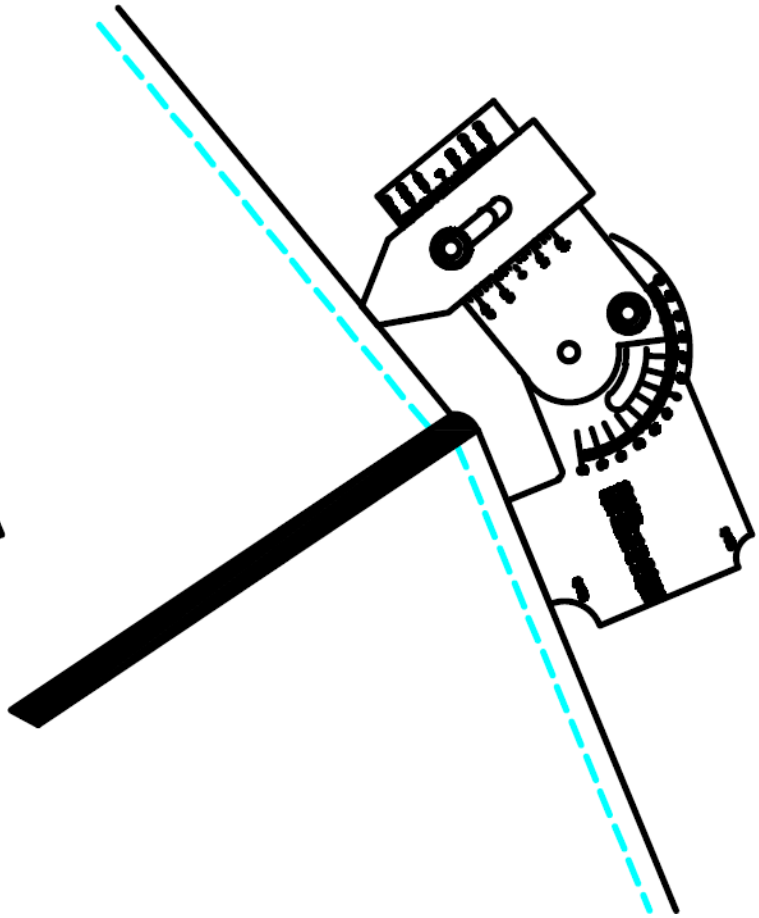

Figure #2

The usage of this gauge can detect both height and alignment issues for problematic welds that may be difficult to determine with visual inspection alone.

The Offset Gauge, Cat # 32, is proudly presented & distributed by G.A.L. Gage Company.

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