

How to use a bridge gauge



Overview

To measure reinforcement height, place the frame of the gauge on the base metal, perpendicular to the weld. Read the scale to determine the height. A bridge cam welding gauge is a tool that measures weld sizes and gaps with precision. It helps ensure proper weld quality, making your work safe and reliable. There are many different types of welding gauges used for inspection although Bridge Cam Gauge or also called Cambridge Gauge is a. This video is a quick demonstration on how to use a bridge cam gauge to aide with welding inspection. instructions for WG-1 | WG-2 | WG-3 | WG-4 | WG-5 | WG-6 WG-1 HI-LO ® Welding Gage measures.

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Learn to use a Bridge Cam welding gauge for measuring various weld imperfections like undercut, excess weld metal, misalignment, and throat thickness according to ...



Undercut depth or crown height scale can be read to 1/32 inch. This STURDY GAGE is made of Stainless Steel.



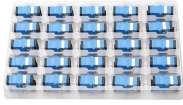
Let's dive into the mechanics of this indispensable tool and clear up the mystery of how to use bridge cam welding gauge equipment so you can start measuring your beads with total accuracy.



We're here to help you learn how to use a bridge cam welding gauge! In this guide, we'll walk you through the essentials, step-by-step instructions, safety tips, important measurements, and ...



This video will show how to use a bridge cam gauge to check undercut depth, butt weld reinforcement, external misalignment, fillet leg length, and weld preparation angle.



Using the measurements of the cosine of 45 degrees, or .707, and the leg length the throat can be calculated. The Theoretical Side of the pointer does the math for you and acts like a go/no-go gauge.



Learn to use a Bridge Cam welding gauge for measuring various weld imperfections like undercut, excess weld metal, misalignment, and throat thickness according to ISO standards.



Below are the main uses of Bridge Cam Gauge, How to Use it for different measurements are listed with reference to pictures. Make sure you rest the reference faces of the gauge before taking the final ...



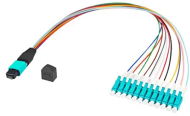
To easily measure outside misalignment, rest the legs of the gauge squarely on one surface of the pipe and lower the tip until it comes in contact the other pipe. The amount of misalignment is...



Welding gauges are available for checking alignment, checking dimensions before welding, verifying weld dimensions, and checking porosity of welds.



Bridge Cam Gauge use for Welding Inspection
Features: Measure Fillet Weld Leg Length & Throat Thickness Measure Excess Reinforcement, Undercut, Pitting ...



Bridge Cam Gauge Usage Guide The document describes a sturdy and accurate welding gauge made of stainless steel that can measure various welding parameters to within 1/32 of an inch, including ...

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