

8" Radius Gauge – Lightning Protection Tool



The 8" Radius gauge is a lightning protection tool used to maintain an 8" lightning conductor bend. No lightning conductor should have bends less than 90 degrees with a radius less than 8", this is the industry standard. The radius gauge is helping installers stay up to industry standards and Underwriters Laboratories (UL) is currently using this tool for certification inspections.

A valuable lesson

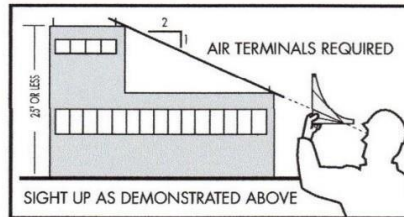
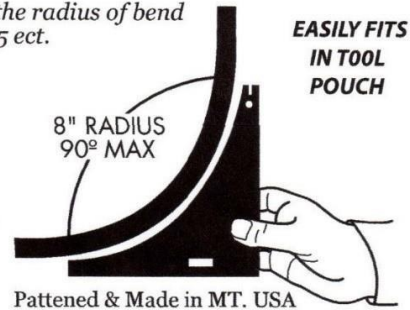
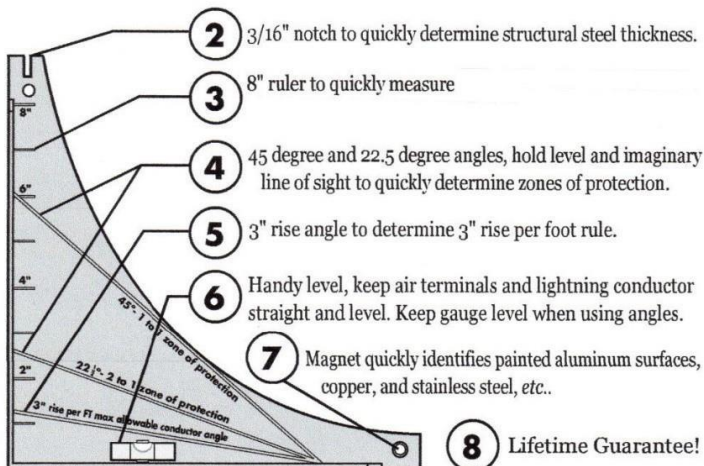
A few years ago, after KLP had completed a large defense project, a clever engineer showed up for the final inspection of the Lightning Protection System. During the inspection, he held in his hand a homemade 8" radius gauge. Using this device, he began checking bends and found several that did not meet the standard. Surprise...the conformation photos displayed the conductor against an 8" gauge showing the radius did not have the correct bend.

A lesson was learned that day, one that cost Kuefler Lightning Protection thousands of dollars in corrections. This tool was invented shortly after and has since become an industry standard tool. The 8" radius gauge continues to maintain the integrity of lightning protection standards to this day.

Part Number
8RG

LIGHTNING CONDUCTOR 8" RADIUS GAUGE

- ① The angle of any bend shall not be less than 90 degrees and the radius of bend not less than the 8" per standards UL96A, NFPA780, LPI175 ect.



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