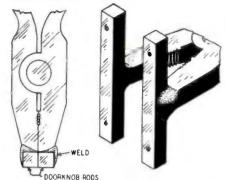
# Try This One

## HANDY BENDING TOOL

Experimenters and constructors will find this tool useful for bending light sheet metal for mounting brackets, shields, and panels used in radio and electronic devices.



Take two pieces of doorknob rods and weld them to the jaws of a pair of lineman's pliers as shown in the drawing.

BILLY R. POGUE, The Dalles, Ore.

# CRO AS STROBOSCOPE

A cathode-ray oscilloscope can be used as a stroboscope to "stop" motion. The only requirement is that it must have a short-persistence screen.

Disconnect the saw-tooth generator from the deflection circuits and connect it to the Z-axis input (the electrode which controls the intensity of the pattern). With the sweep generator operating at a low frequency, adjust the brightness control so that the spot appears on the screen only at the peak of the saw-tooth wave. Then apply external signals to the deflection plates to get as large a light pattern as possible. The frequency of the external signals should be high compared to that of the sweep generator.

CHARLES ERWIN COHN, Chicago, Ill.

#### TV PREAMP ON HIGH BAND

The cascode preamplifier for channels 2-6 described by I. Queen on page 60 of the October, 1948, RADIO-ELECTRONICS can he used on channels above the FM band. L2, the 6AK5 grid coil, is a National AR-5, which has a center tap (not used in the original diagram). If a switch is connected between the center tap and ground, half of the coil can be shorted out and the circuit will tune to the higher-frequency television channels. Be sure to use short switch leads. AUGUSTINE MAYER, Tiffin, Ohio

### CAUSE OF SHORTED FILTERS

Be sure to check the contacts on the speaker plug and socket before replacing shorted filter capacitors in a receiver or amplifier with electrodynamic speakers. When the contacts open, a voltage surge—produced by the collapsing field about the speaker field—may be high enough to break down the filter capacitor.

JAMES R. LIMBECK, Glendale, Calif.



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