

**"V" NOTCH DIAGONAL PLIERS  
PER SPECIFICATION 6433  
SHARPENING EXTERNAL NOTCHES**

**1. GENERAL**

1.01 This section covers the method of sharpening the external notches of Bell System "V" notch diagonal pliers per Specification 6433, used for removing the insulation from distributing frame wire.

1.02 Sharpening of the notches should be carried out only when the notches have become dulled to the extent that difficulty is encountered in removing insulation.

**2. TOOLS**

2.01 Swiss Pattern Knife Escapement File - No. 6 Cut.

**3. METHOD**

3.01 Sharpen the notch by deepening slightly the two depressions at each side of the center cutting blade. Use the narrow edge of the file for this purpose.

3.02 Only sufficient filing should be done to produce the desired sharpening action, as any additional cutting away of the metal reduces the effective life of the notch.

3.03 The jaws of the pliers should be open when the notches are sharpened.

No attempt should be made to sharpen both notches at once.

3.04 The file should be used very carefully with light strokes and care should be exercised during the principal filing action to keep the file motion in a straight line parallel to the cutting blade. The file should not be allowed to tip to either side to any extent.

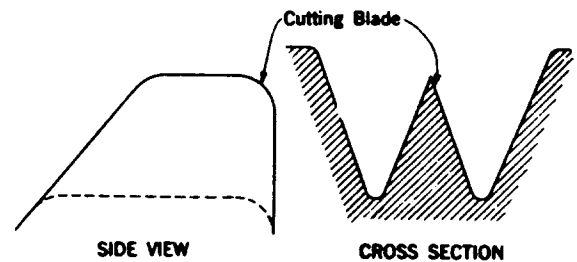


Fig. 1.

3.05 The shape of the cutting blade when in proper condition should be approximately in accordance with the enlarged view of the blade shown in Fig. 1. The rounded ends of the blade are obtained by further deepening the ends of the depressions at each side of the blade by filing slightly at a varying angle.