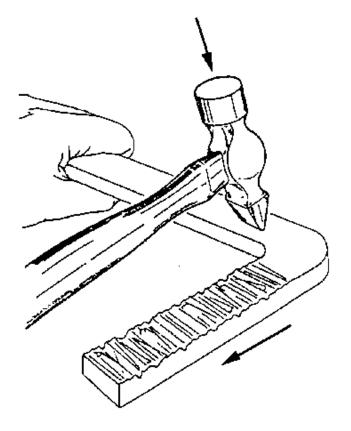
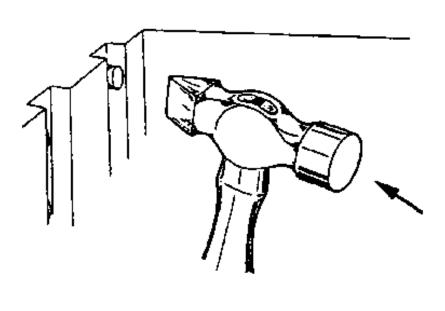
TTE Training Limited
Work Instruction: TI-0185-01-01
Phase 1/Module S1a - Handtools
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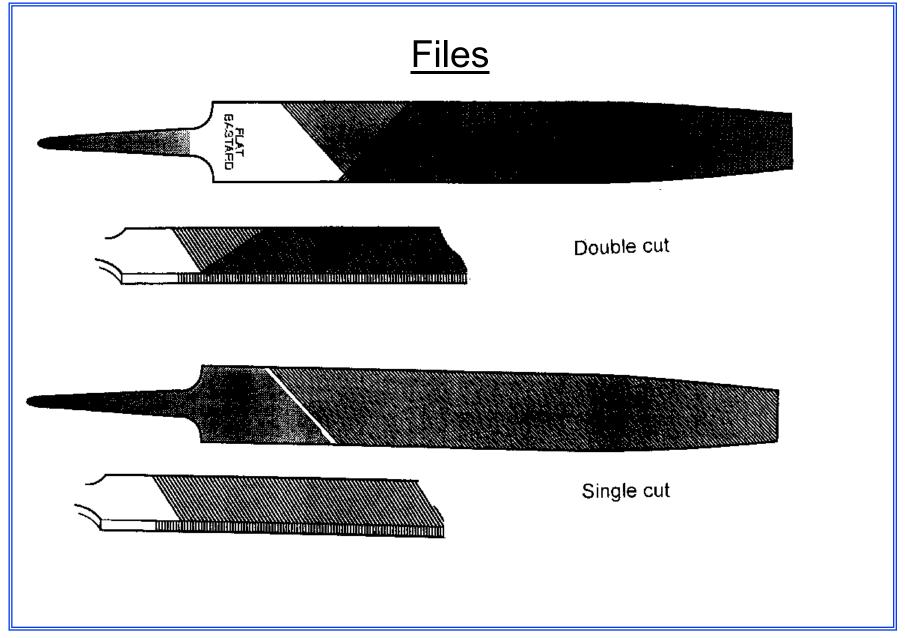
### Hammers





Cross Pein Hammer speading in one direction.

Staight Pein Hammer being used in corner



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Use drill of this diameter

Mid-point of tang

#### FILE HANDLES

Every file must be fitted with a handle for two reasons:

1. To avoid the danger of the sharp tang piering the hand

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2. To give control over the pressure and direction of the file

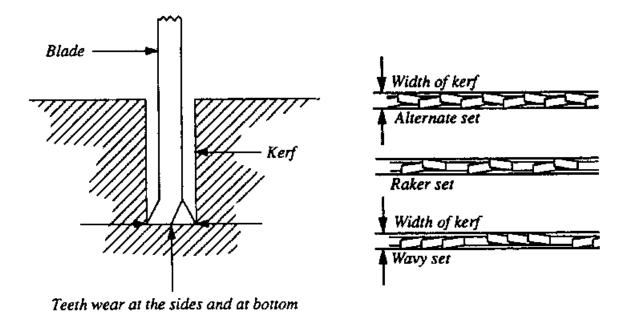
Drill handle to suit tang

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## <u>Hacksaws</u>

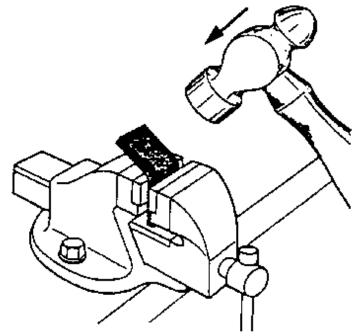
#### Set of teeth



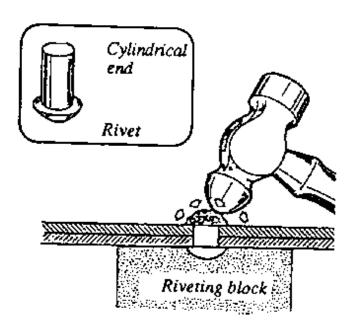
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### Ball pein Hammers

Heavy Hammer heavy blows for bending



Work bent over solid part of vice



Ball Pein Hammer for riveting

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### **Files**

Millenicut files have notched teeth to avoid clogging..

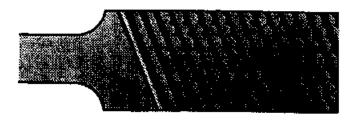


FIG. 14

Dreadnought files are suitable for filing both hard and soft materials. They cut soft metals without clogging

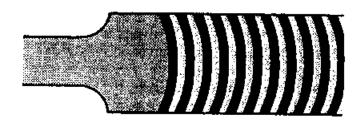
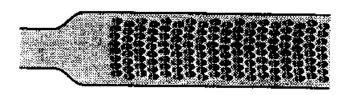
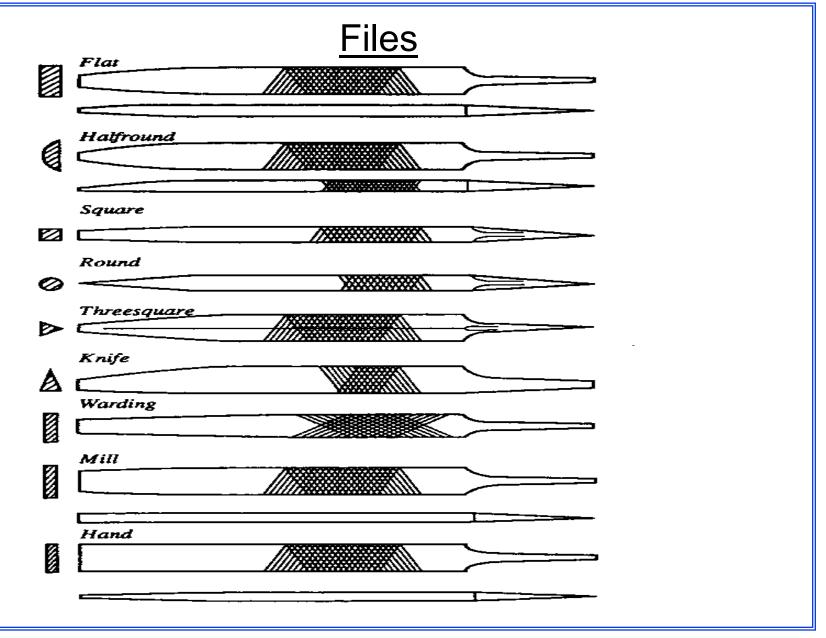


FIG. 15

Rasp files of various types are used on wood and other soft materials.



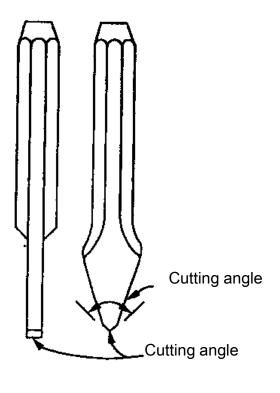


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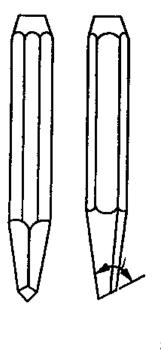
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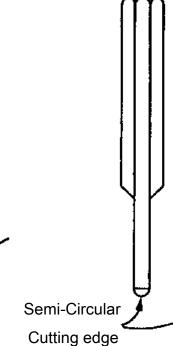
# **Chisels**

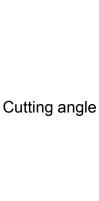
#### Diamond point chisel



**Cross Cut Chisel** 







Round Nose Chisel

