

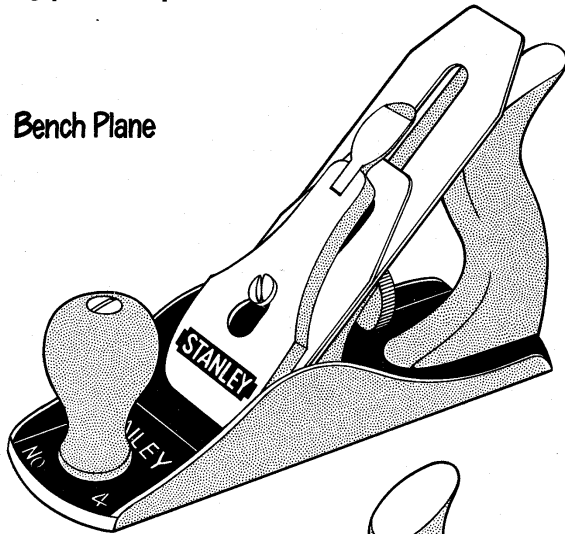
How to use a Bench Plane, Plough Plane and Surform

STANLEY

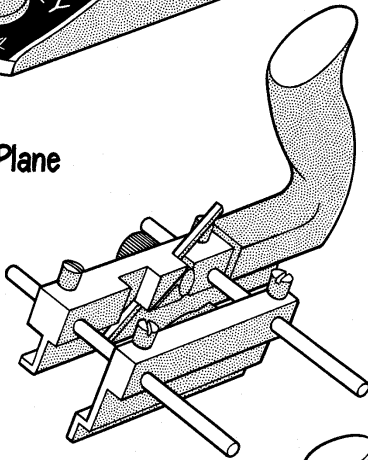
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Types of plane

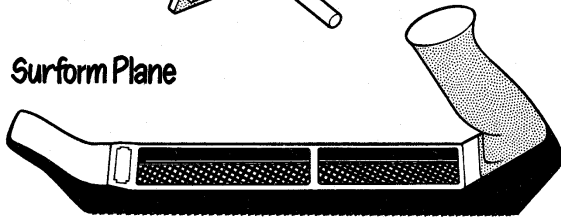
Bench Plane



Plough Plane



Surform Plane



Surform Round File



Bench Plane

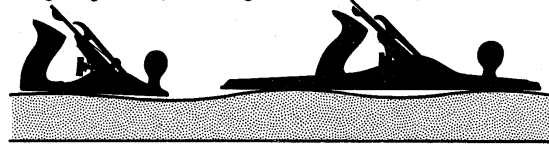
Use correct plane for job.

PLANE NO.	FUNCTION
3	Smoothing Planes Finishing off work
4	
4½	
5	Jack Plane Preparation of work
5½	
6	Fore Plane Long edges
7	

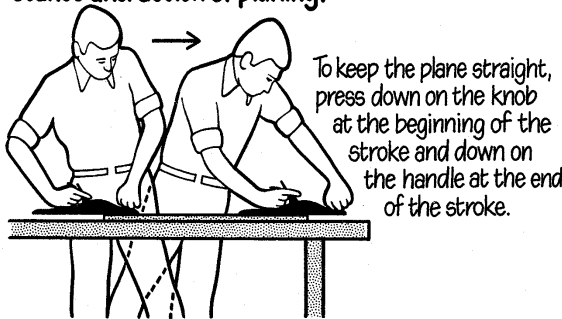
How the Bench Plane works.



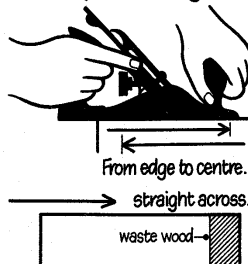
Long edges require long planes.



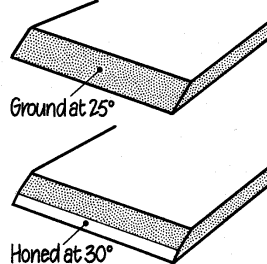
Stance and action of planing.



How to plane end grain.

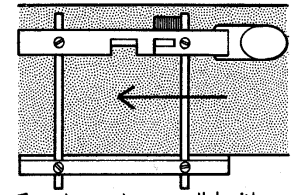
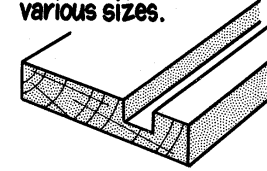


Blade Maintenance.



Plough Plane

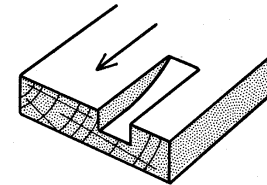
Produces grooves of various sizes.



Fence keeps plane parallel with edge of work.

1. Start at far end of work.

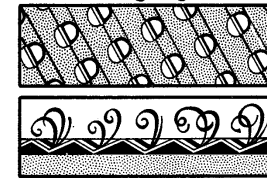
2. Take succession of cuts.



MAINTENANCE
Ground and honed at 35°

Surform

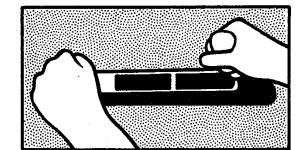
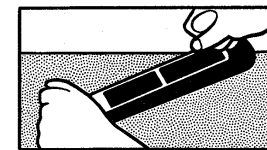
True cutting edge tool.



It will cut:-

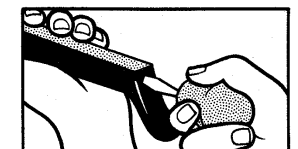
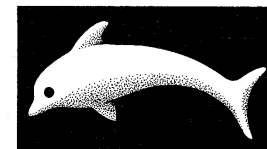
1. Hardwood
2. Softwood
3. Plaster
4. Chipboard
5. Perspex
6. Plywood
7. Hardboard
8. Plastic laminate
9. Blockboard

How to use.



For fast cutting, use at 30° angle to direction of cut.

For smoothing and finishing, use parallel to direction of cut.



For sculpture work, use file (with half round blade) and round file.

To change blades, unscrew old one, replace and screw it up.