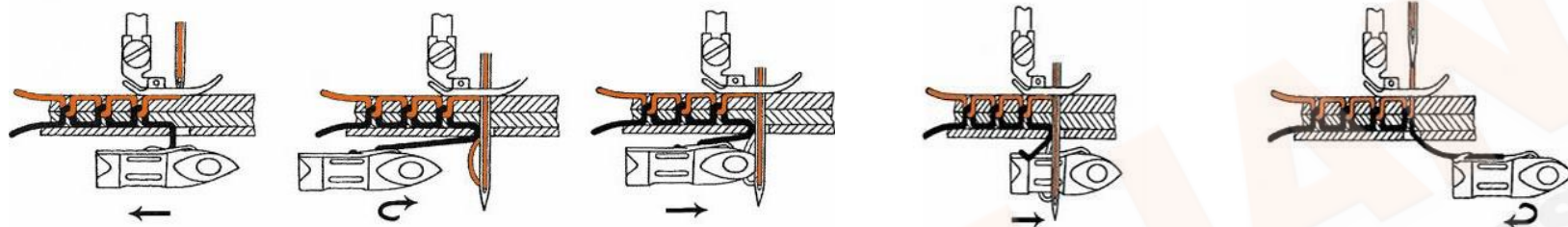
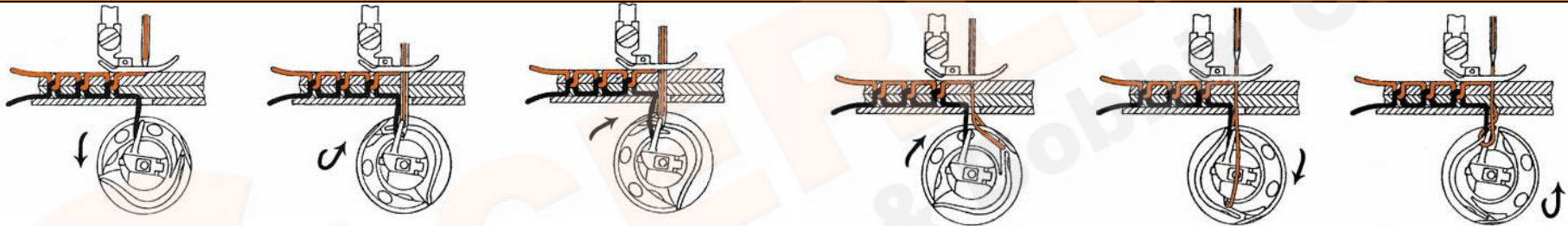


Stitch formation in lockstitch sewing machines

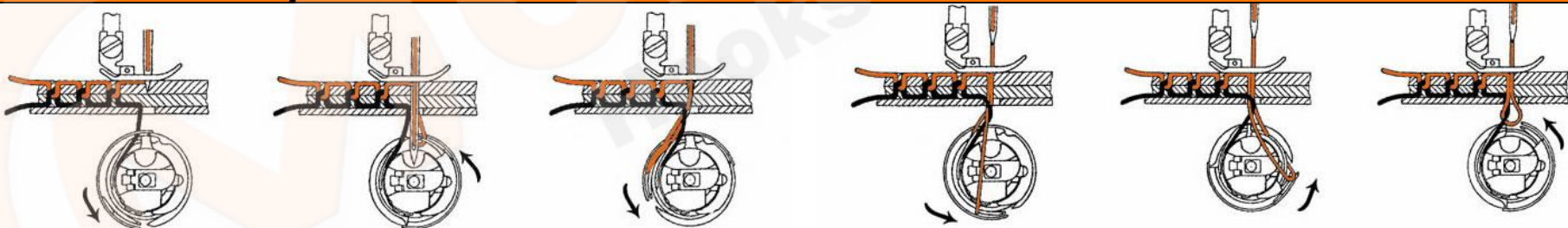
Vibrating shuttle



CB shuttle



Horizontal axis rotary hooks



Vertical axis rotary hooks

