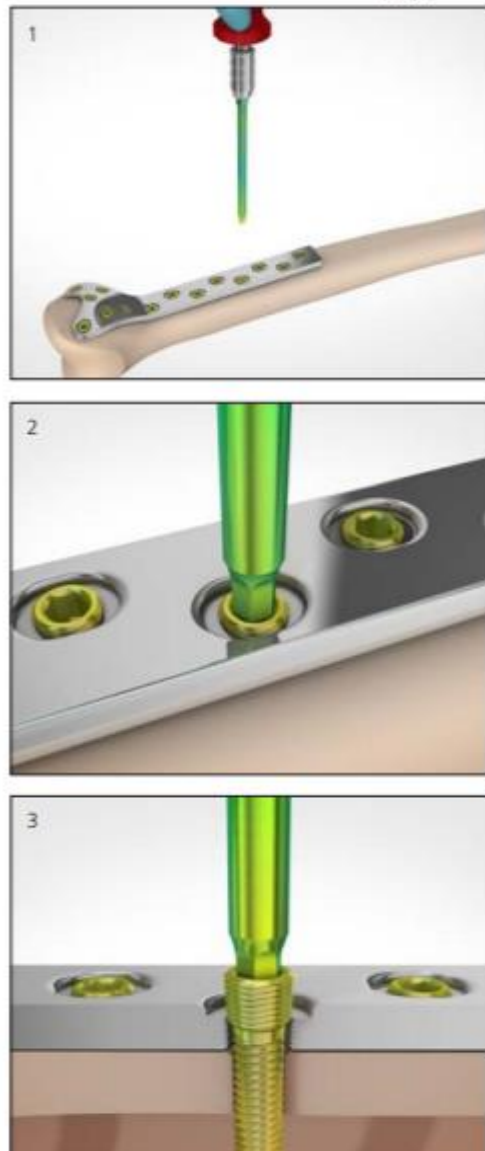


# Difficult Screw Removal- Surgical Technique:

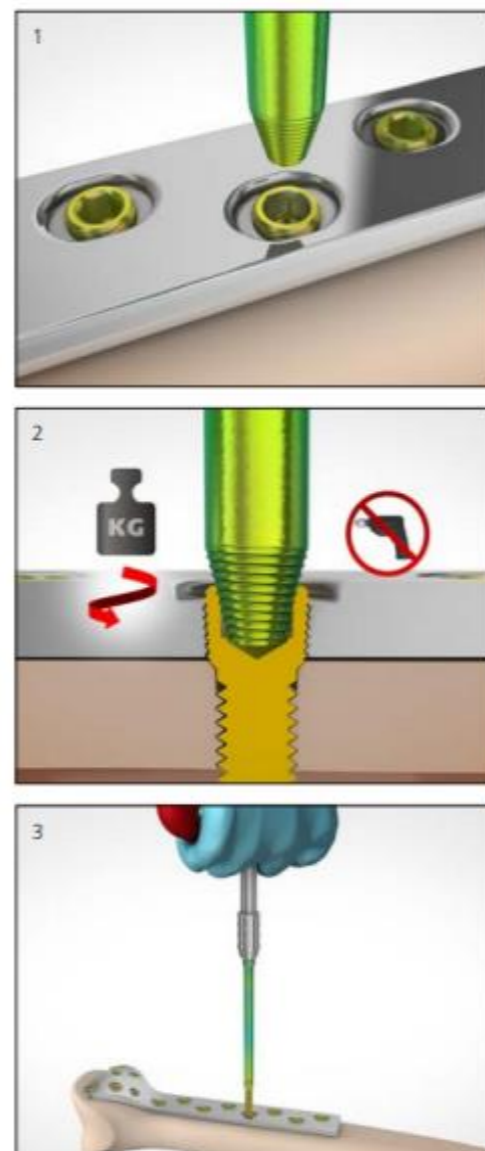
## STEP 1- Removal of intact screws

- Choose screwdriver insert
- Match screwdriver to appropriate handle (colour coded)
- Engage in screw recess and loosen screw by turning counterclockwise



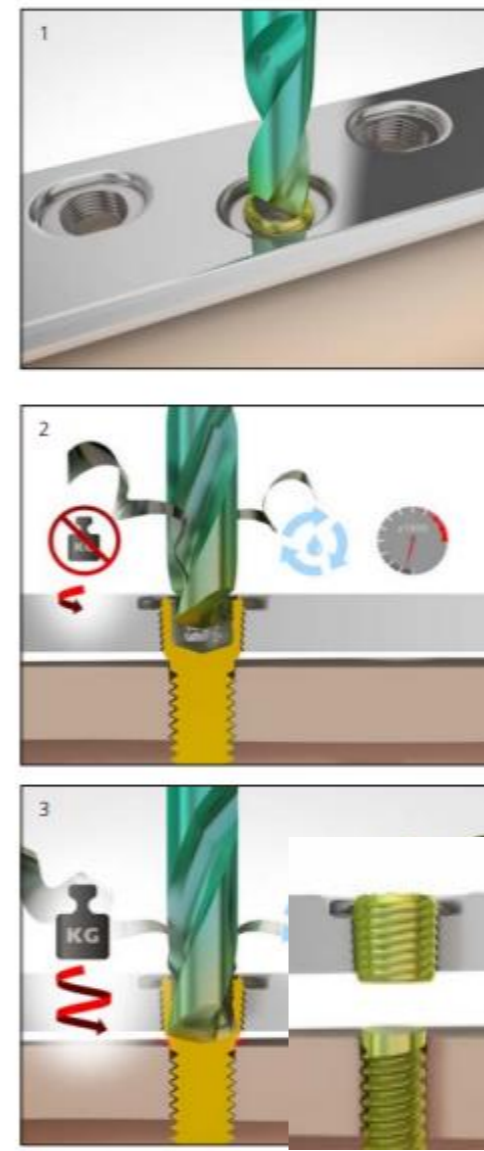
## STEP 2- Screws with damaged screw recess

- Select extraction screw relative to size of screw (see reference table)
- Choose appropriate handle
- Turn extraction screw counterclockwise, maintaining constant manual pressure



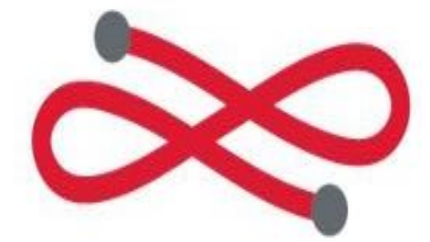
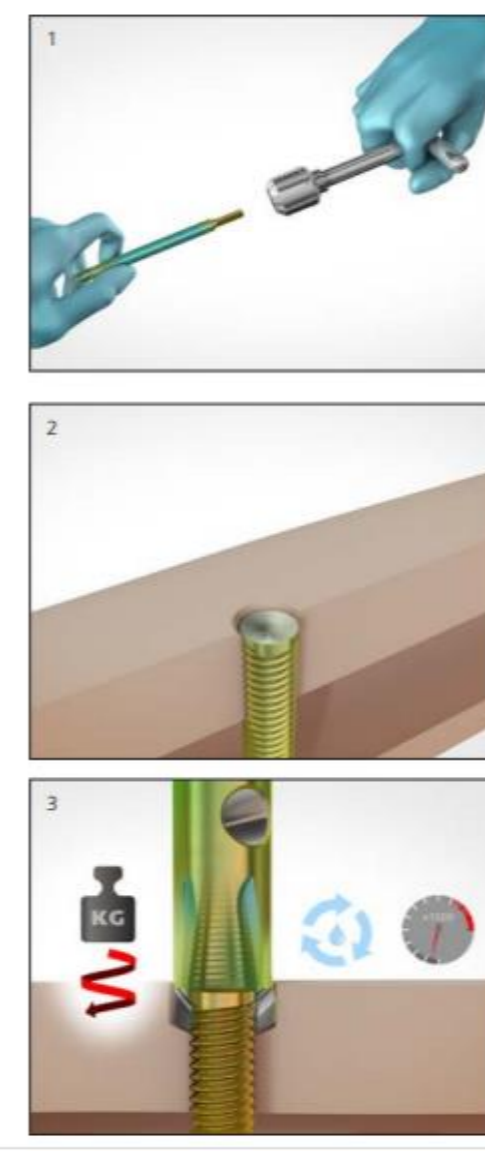
## STEP 3- Removal of screws stuck in plate

- Use power tool with Jacobs chuck
- Select appropriate drill-bit and position in screw recess (see reference table)
- Drill CLOCKWISE but apply very little pressure
- Only drill to underside of plate, this will loosen or break off head of screw



## STEP 4- Removal of broken screw shafts

- Use universal T-chuck or power-tool with Jacobs chuck
- Select appropriate reamer (see table)
- Ream over screw shaft into bone, COUNTERCLOCKWISE, maintaining axial pressure until screw shaft backs out



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# OPERACE

by PB Swiss Tools