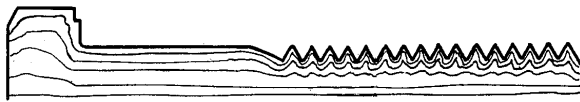


Different material structures

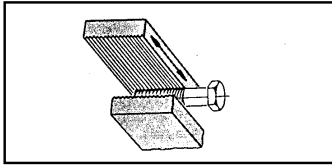
Material structure after turning.



Material structure after cold and hot working.

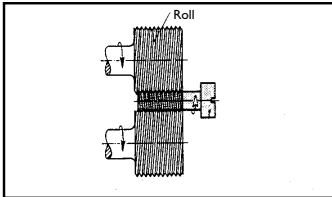


Thread shaping methods



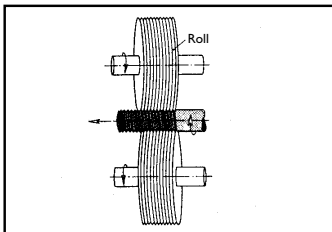
Roll threading between flat cutting dies.

One cutting die is fixed while the other one moves back and forth.



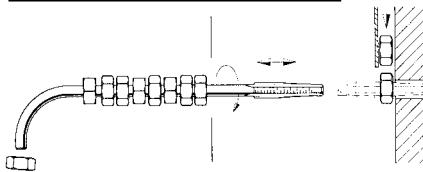
Roll threading between parallel rolls.

The rolls are fitted with the threads pitch and profile.



Roll threading between inclined rolls.

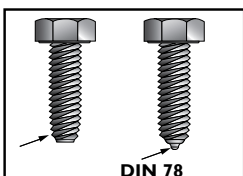
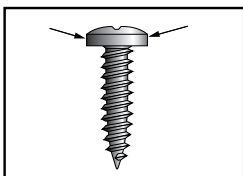
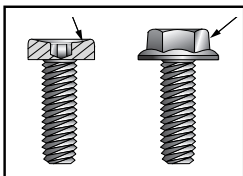
The rolls are angled in the threads pitch. Here the material travels past the rolls.



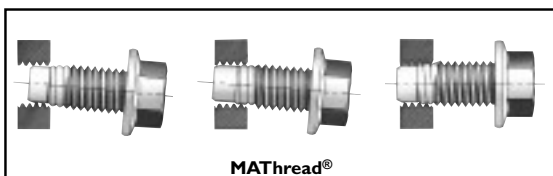
Threading of nut

Automatic assembling

- When the screws are meant for automatic assembling machines we have this in mind when working out the contract.
- Based on customer feedback we try to find critical measures at assemblage.
- To minimize production disturbances we are able to offer machine checked details.



DIN 78



MAThread®

Things to keep in mind that simplifies automatic assembling:

The shape of the head lets the chisel/bit easily fix.

The shape of the head facilitates arranged magazine feed. For example plane sides make it easier to steer the screw.

The bolt tip steers towards the hole via, for example, a bevel or a point.