TURNER
2nd YEAR
TRANSPARENCIES

CENTRAL INSTRUCTIONAL MEDIA INSTITUTE, MADRAS

AN INDO - GERMAN PROJECT

Directorate General of Employment & Training, Ministry of Labour, Govt. of India.

Developed by
CENTRAL INSTRUCTIONAL MEDIA INSTITUTE
in collaboration with DEUTSCHE GESELLSCHAFT FUER TECHNISCHE ZUSAMMENARBEIT (GTZ) Germany.
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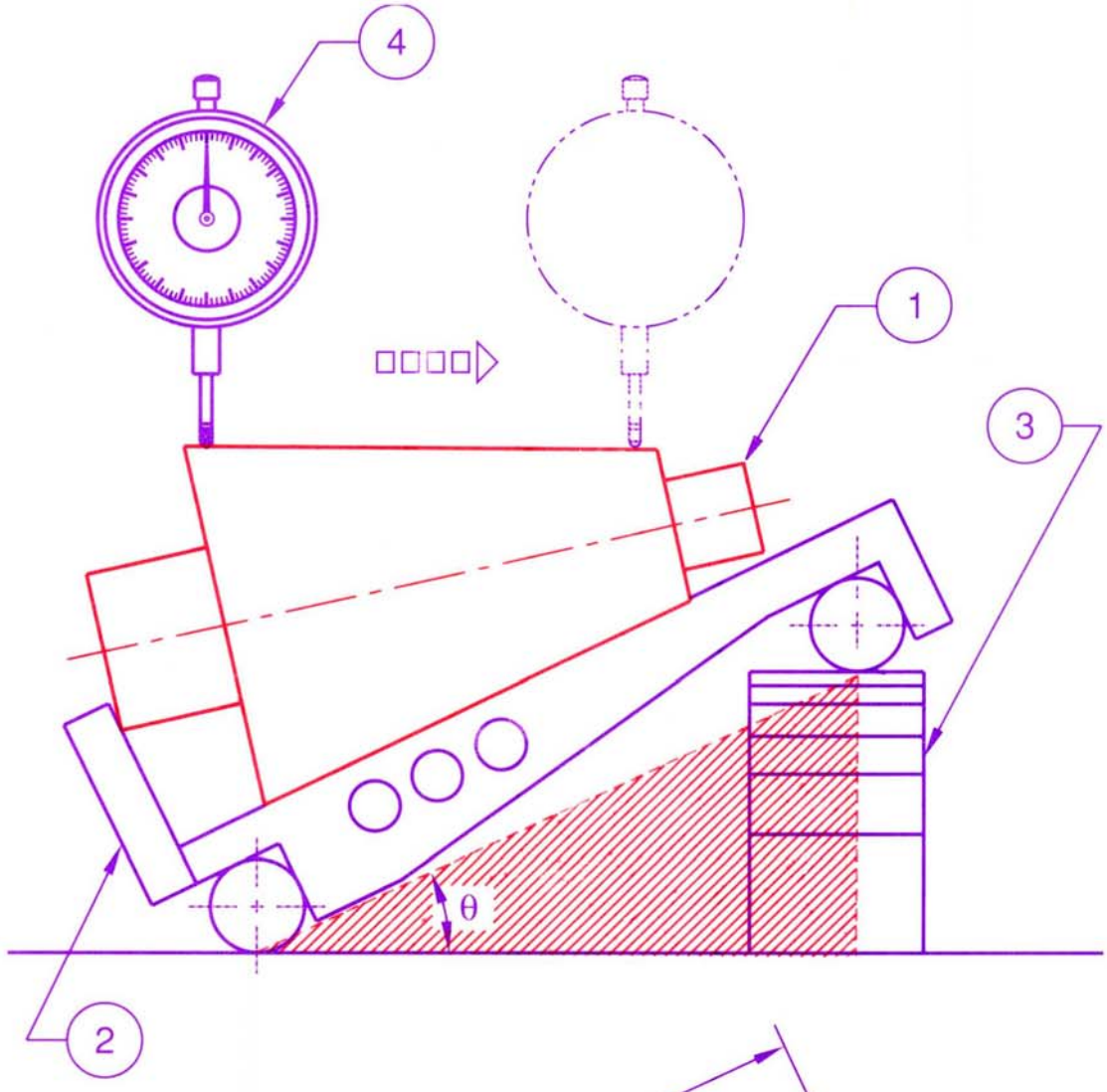
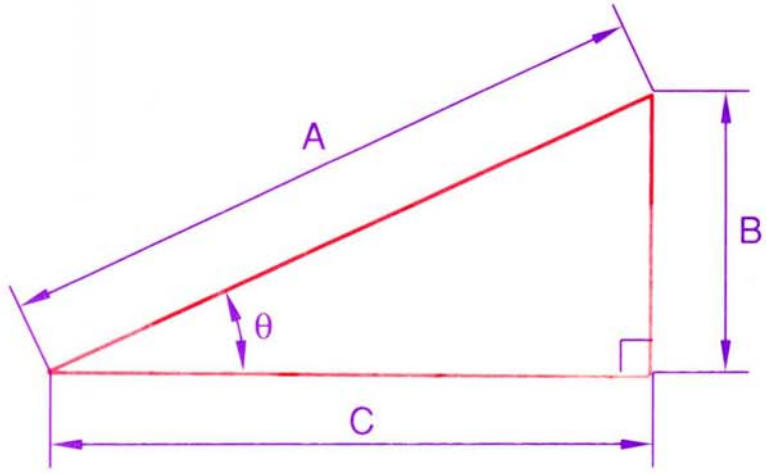
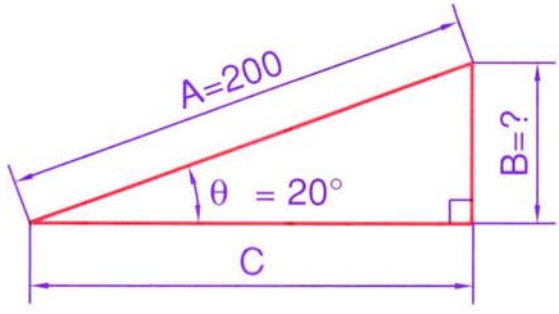
TR 01 02 10 01 95

MEASUREMENT OF TAPER ANGLE USING SINEBAR

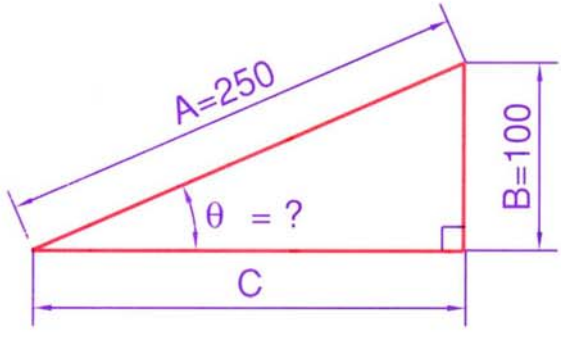




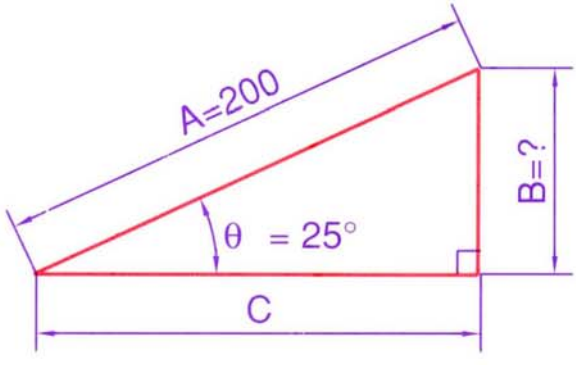
TAPER CALCULATION USING SINEBAR



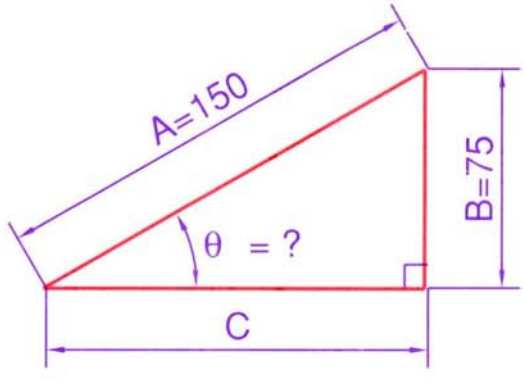
1. What is the height of the slip gauges used?



2. What is the included angle of the tapered job?

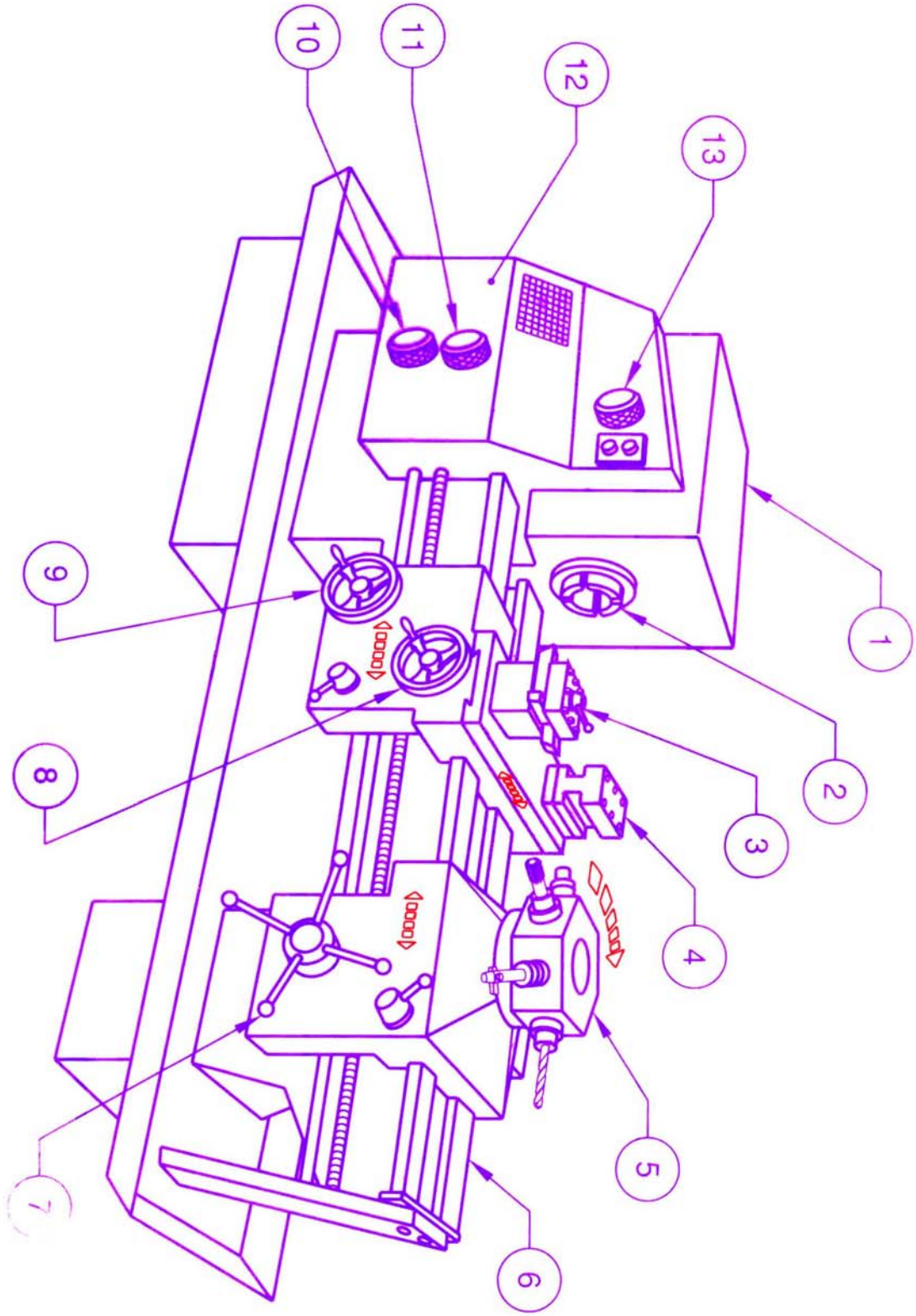


3. What is the height of the slip gauges used?



4. What is the included angle of the tapered job?

TURRET LATHE (PARTS AND FUNCTION)



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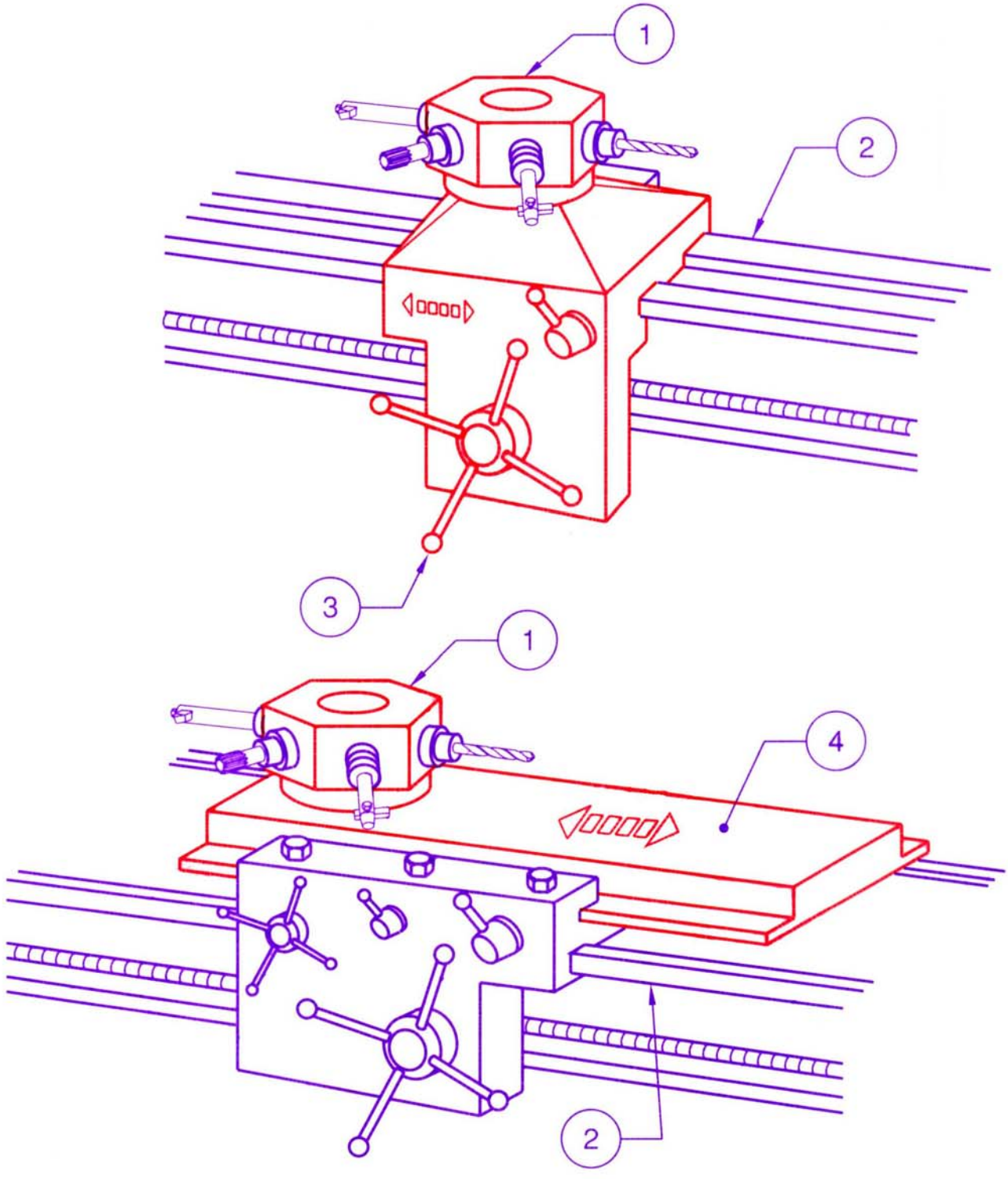
TURRET AND CAPSTAN LATHE (COMPARISON)



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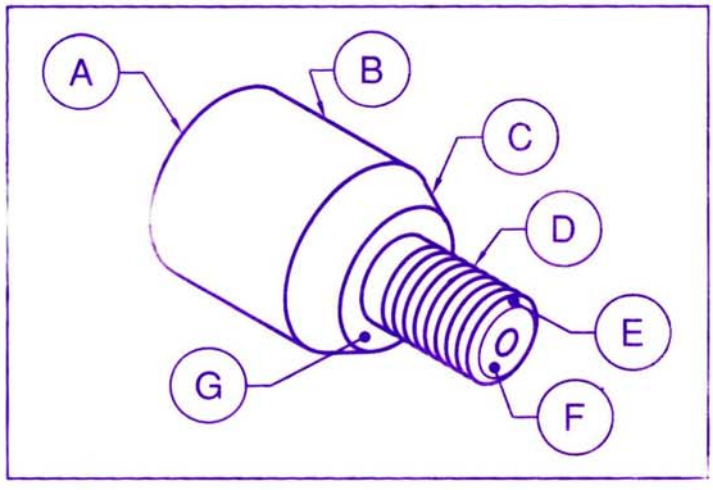
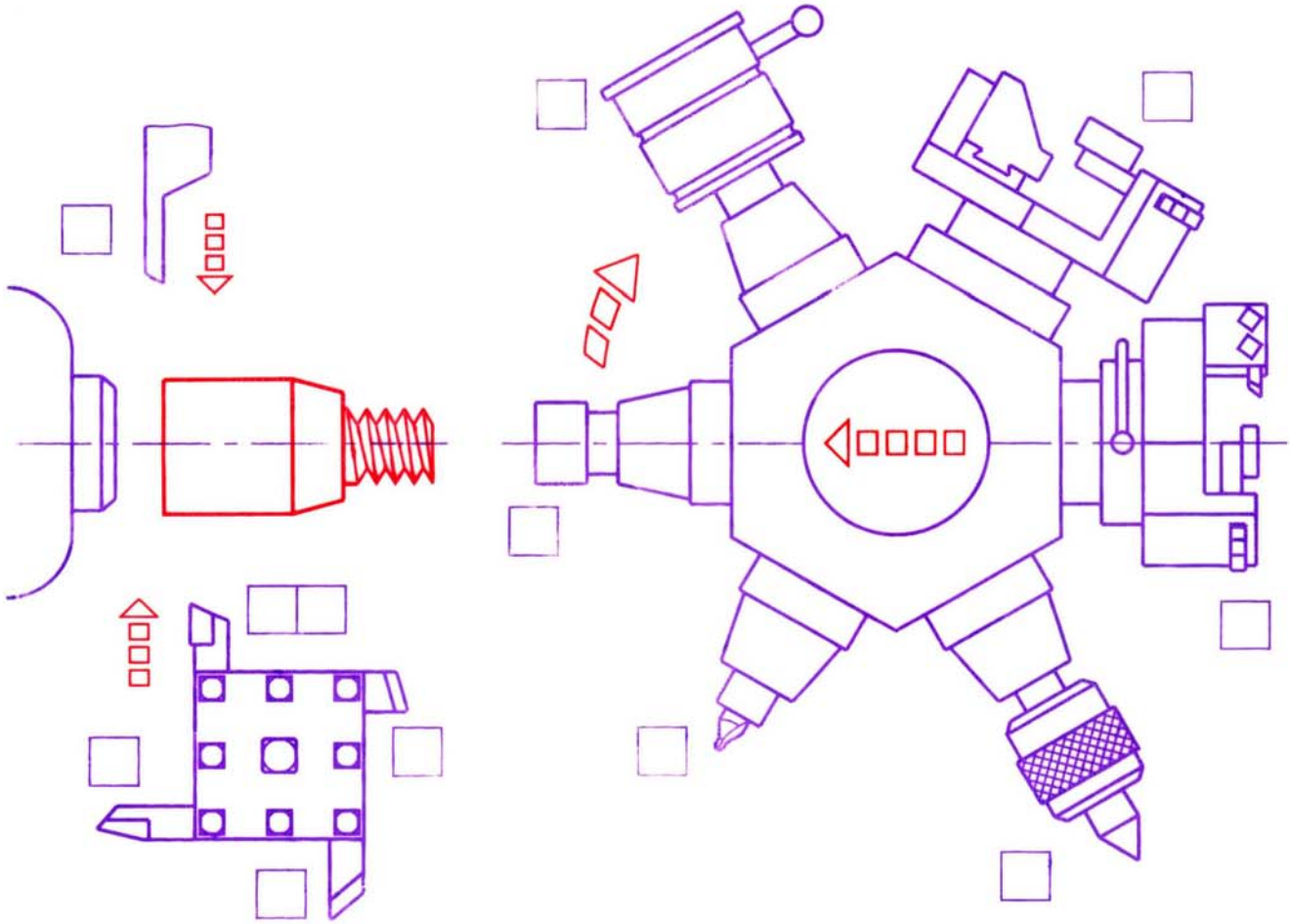
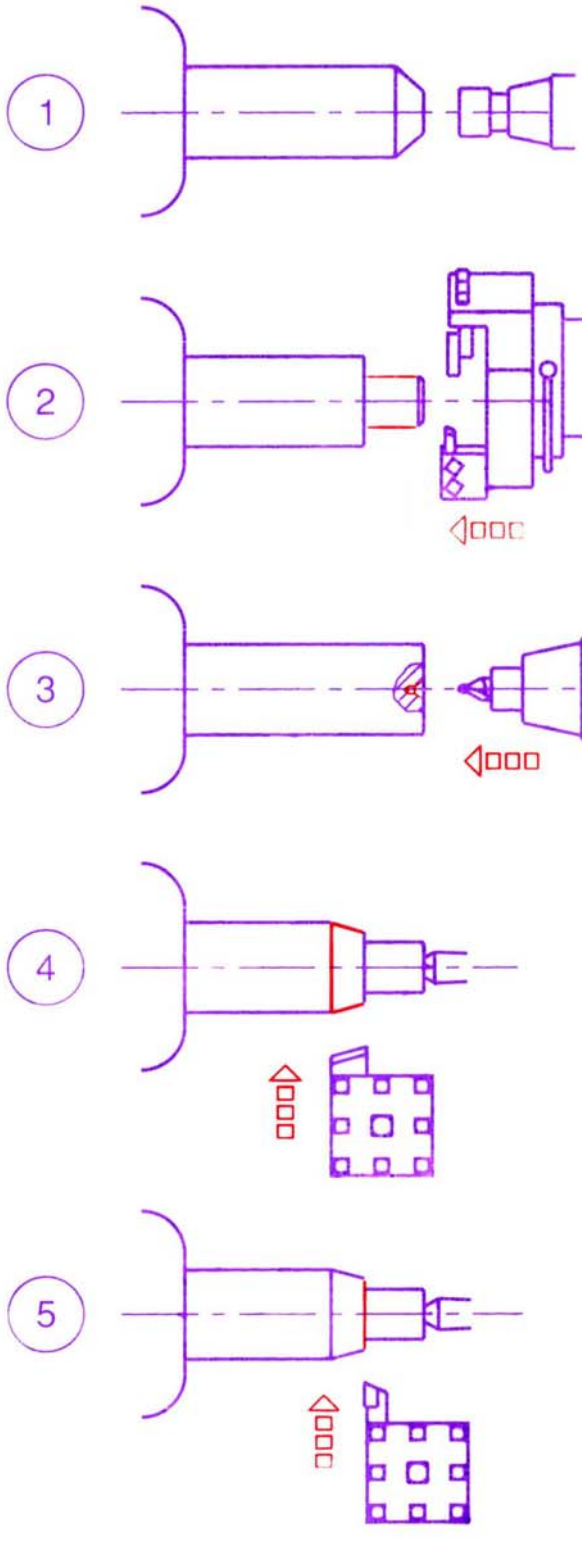
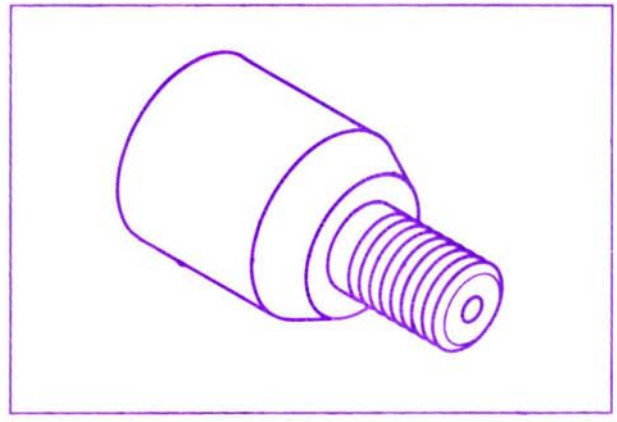
TURRET LATHE TOOL SETUP (EXTERNAL TURNING)



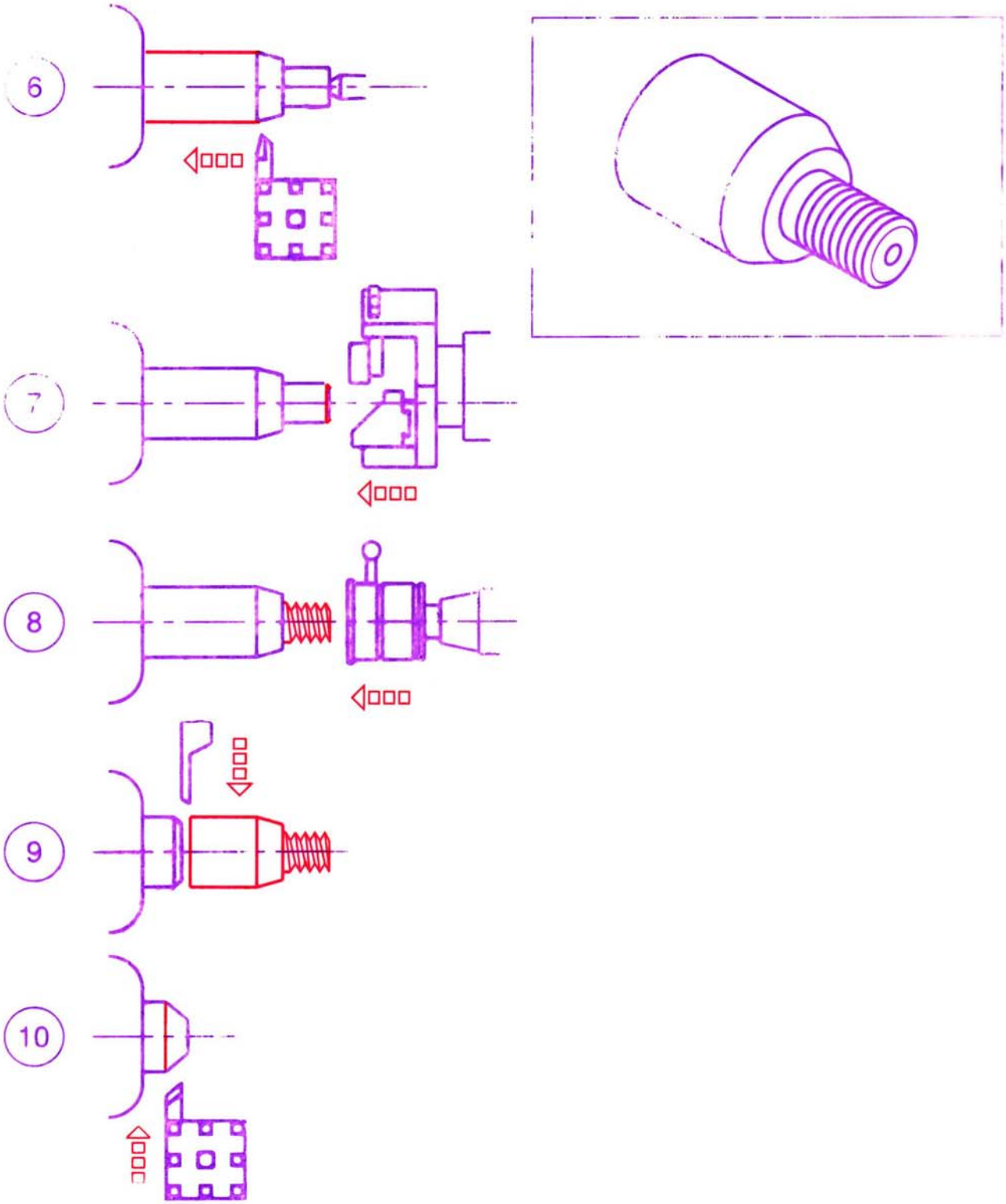


TURRET LATHE (EXTERNAL TURNING SEQUENCE)

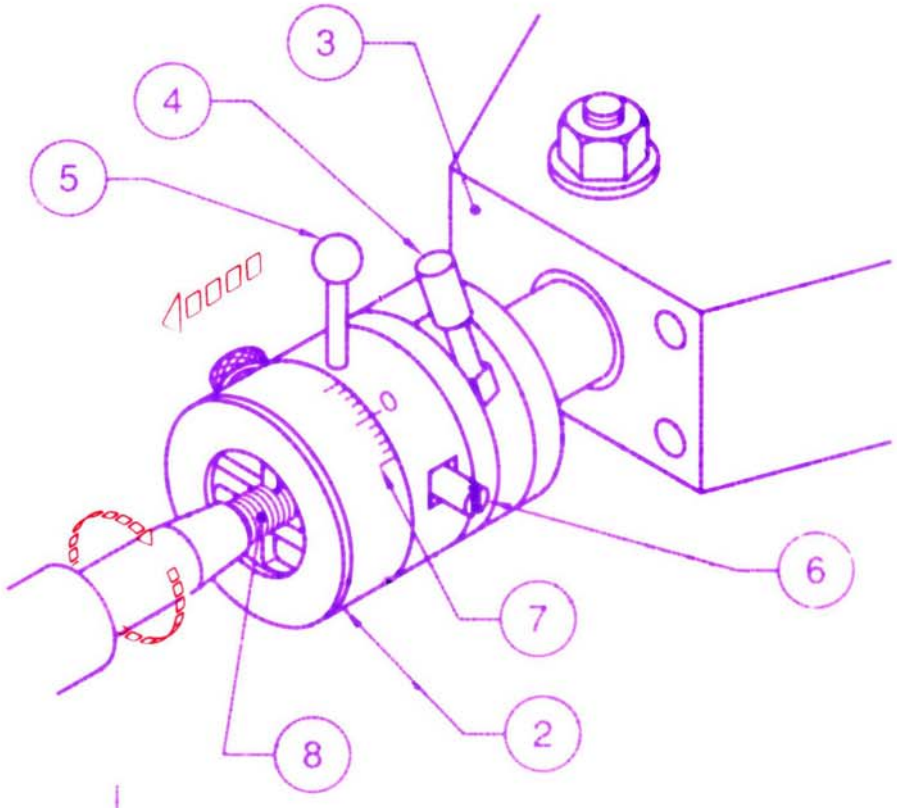


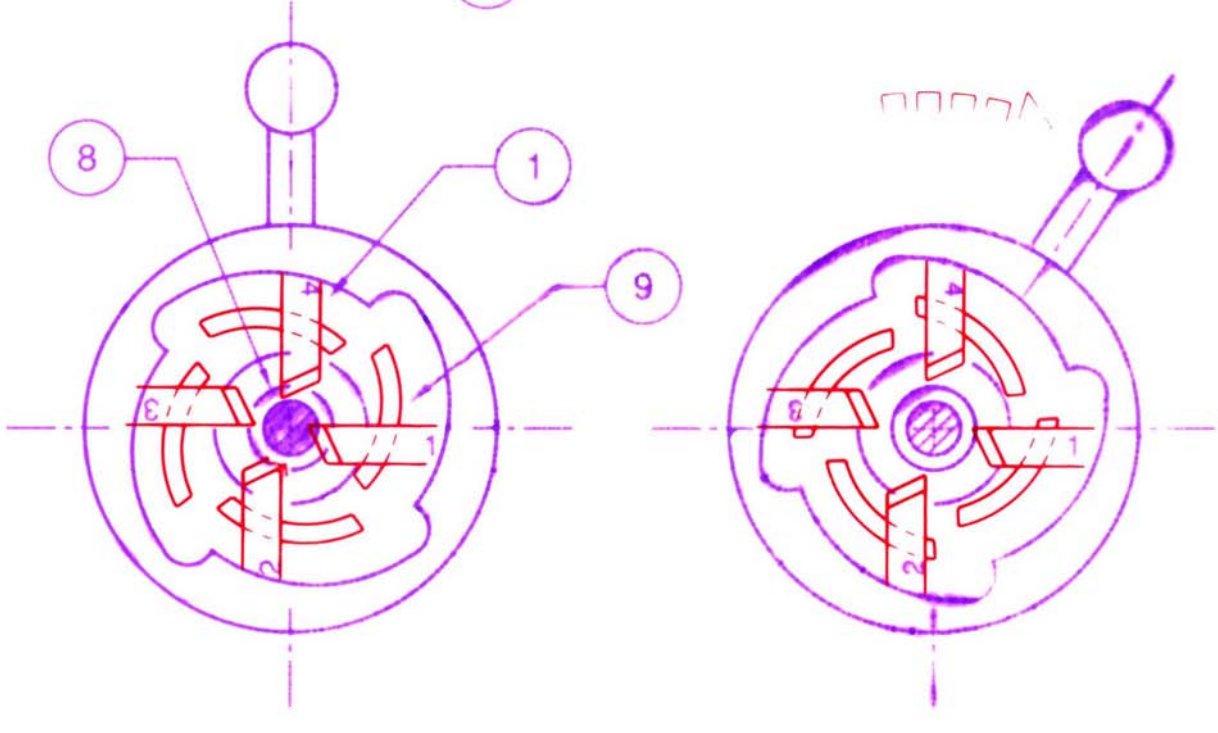


TURRET LATHE (EXTERNAL TURNING SEQUENCE)



SELF OPENING DIE-HEAD (WORKING PRINCIPLE)





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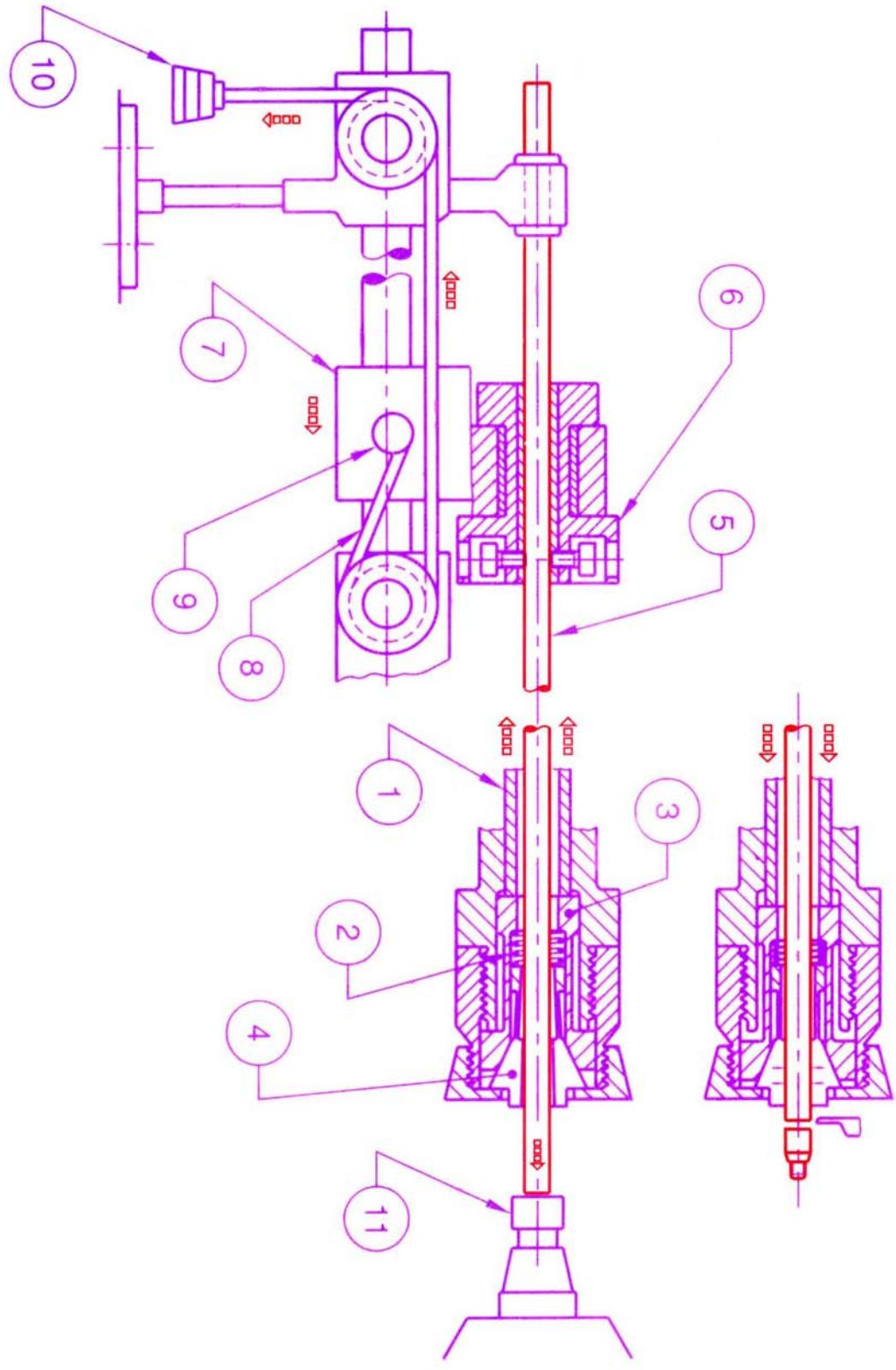
BAR FEEDING MECHANISM (FUNCTION)



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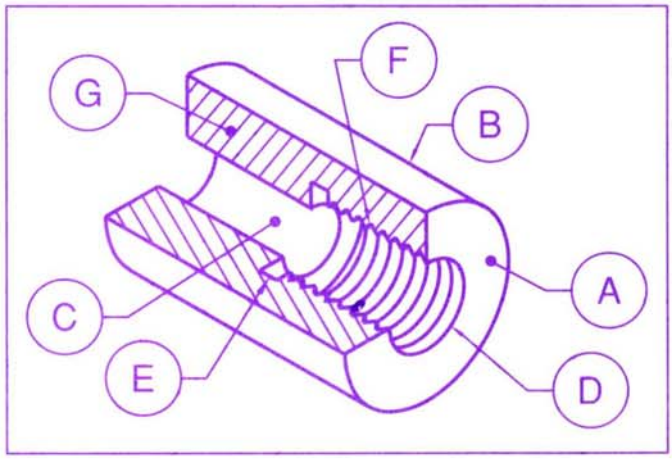
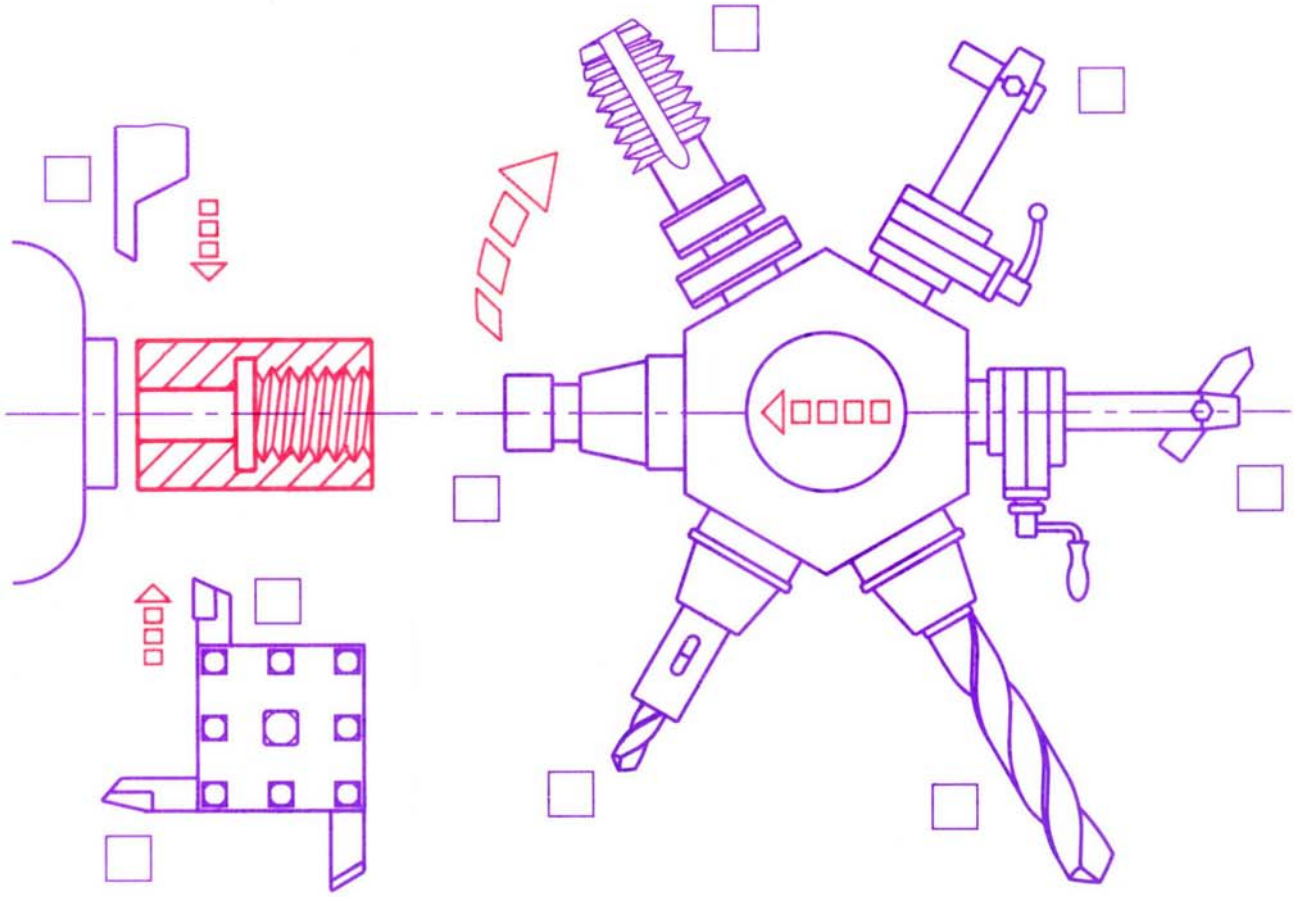
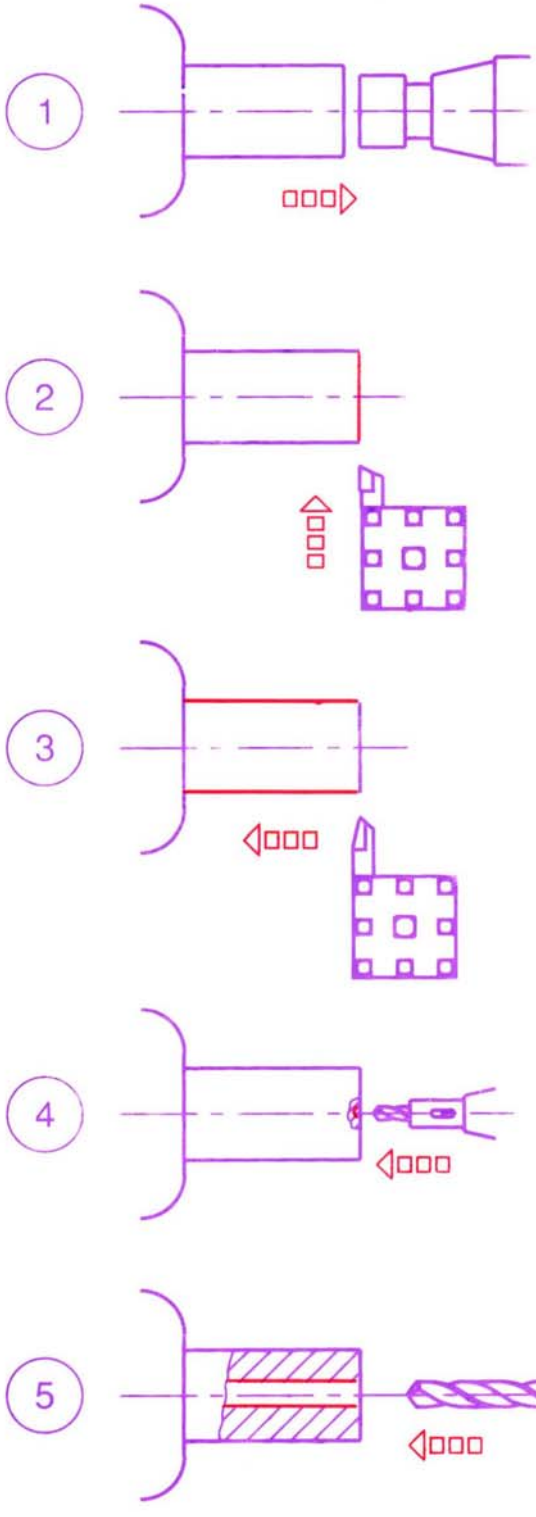
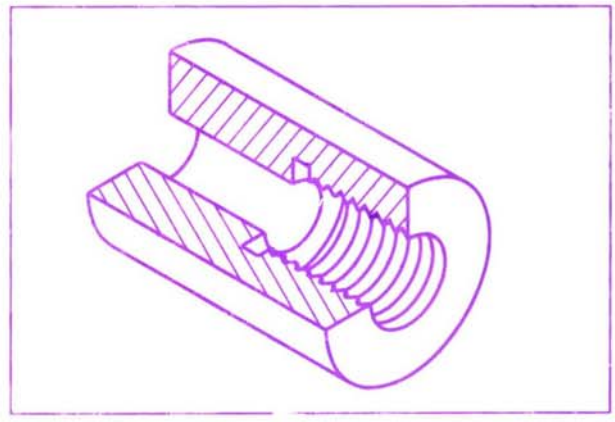
TURRET LATHE TOOL SETUP (INTERNAL TURNING)



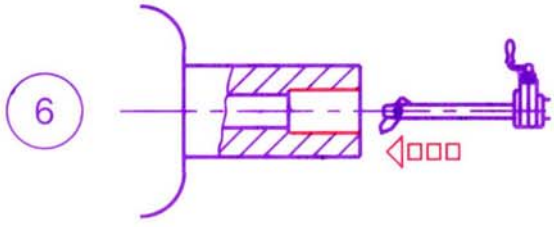


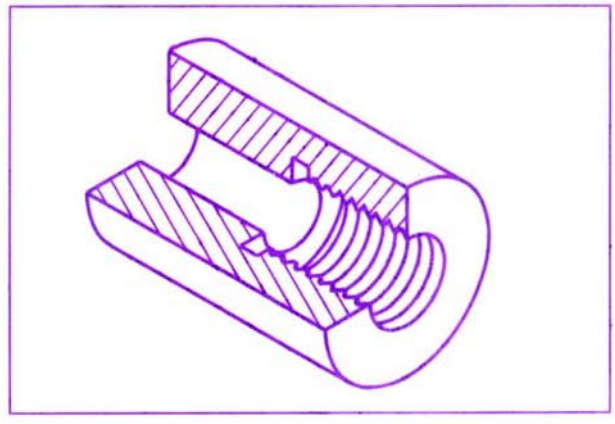
TURRET LATHE (INTERNAL TURNING SEQUENCE)

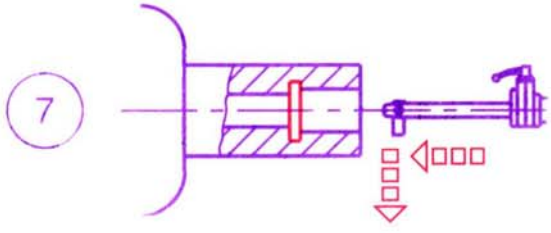


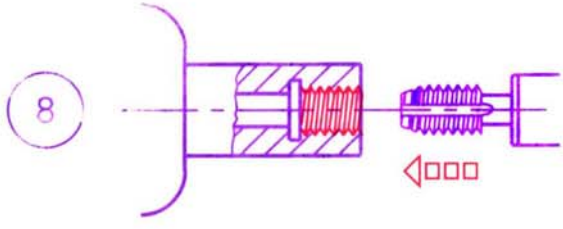


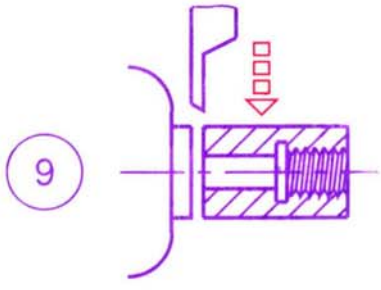
TURRET LATHE (INTERNAL TURNING SEQUENCE)



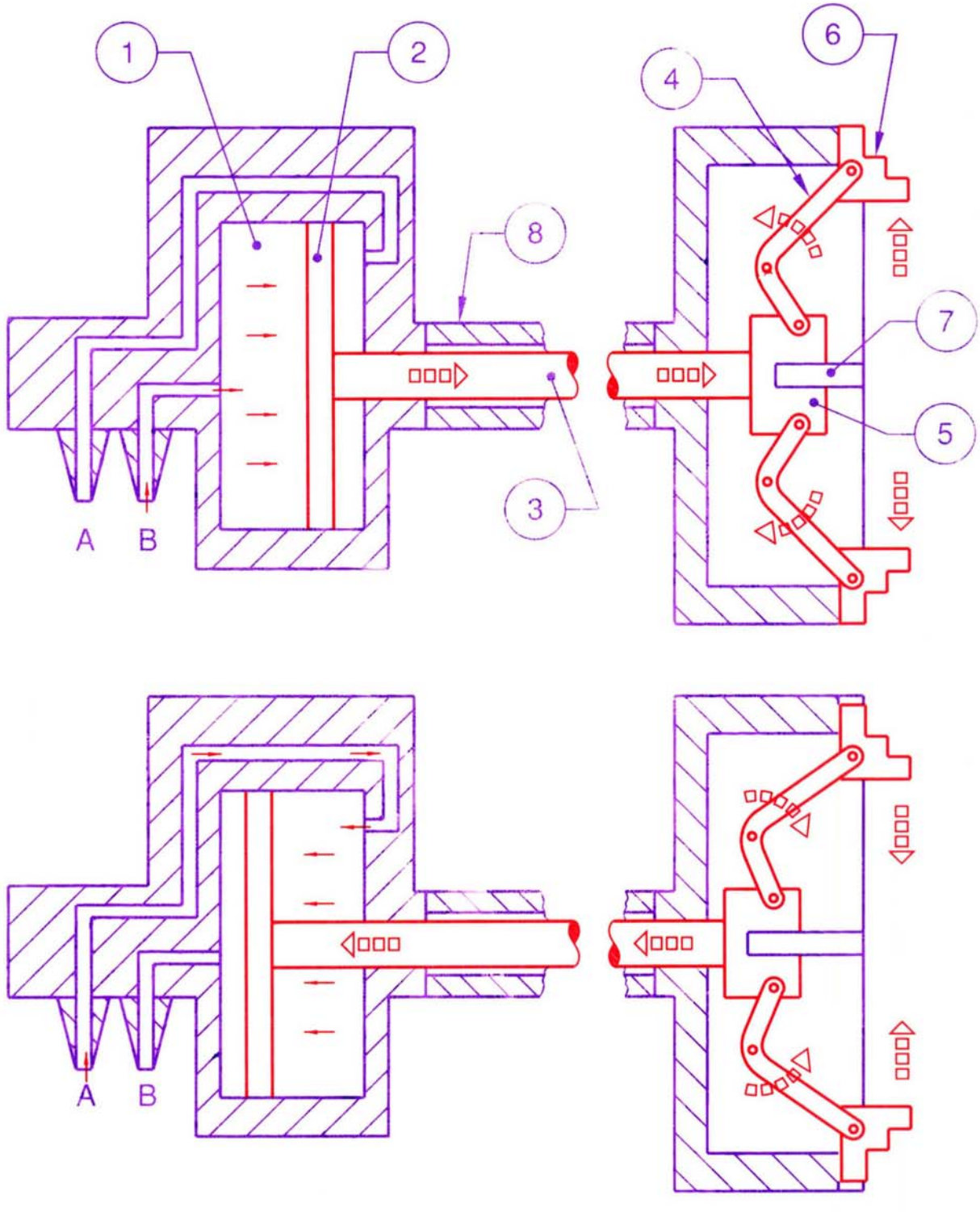








AIR-OPERATED CHUCK (WORKING PRINCIPLE)



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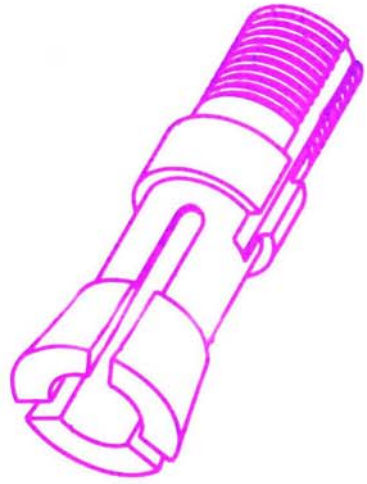
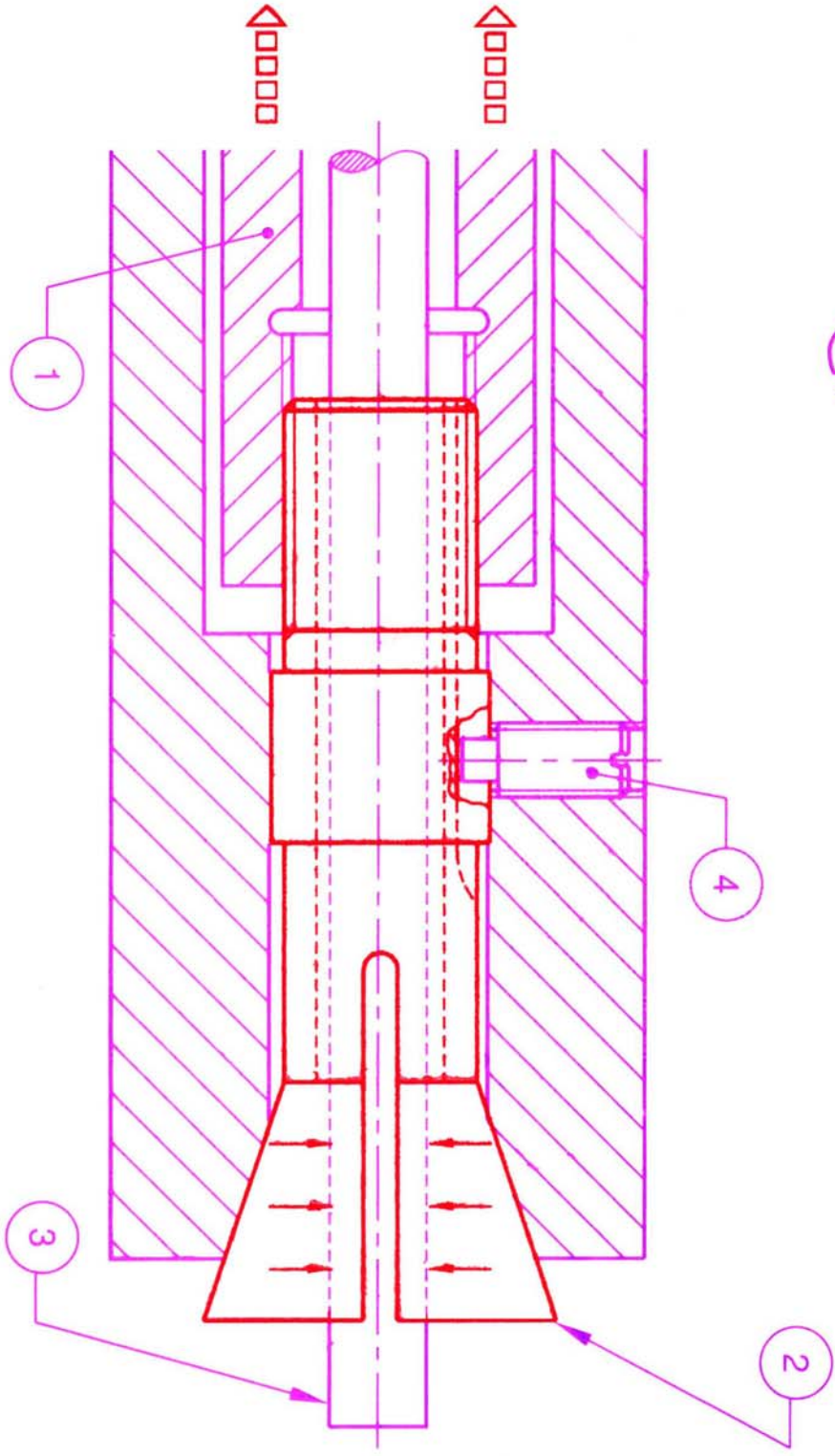
COLLET - DRAW-IN-TYPE (WORKING PRINCIPLE)





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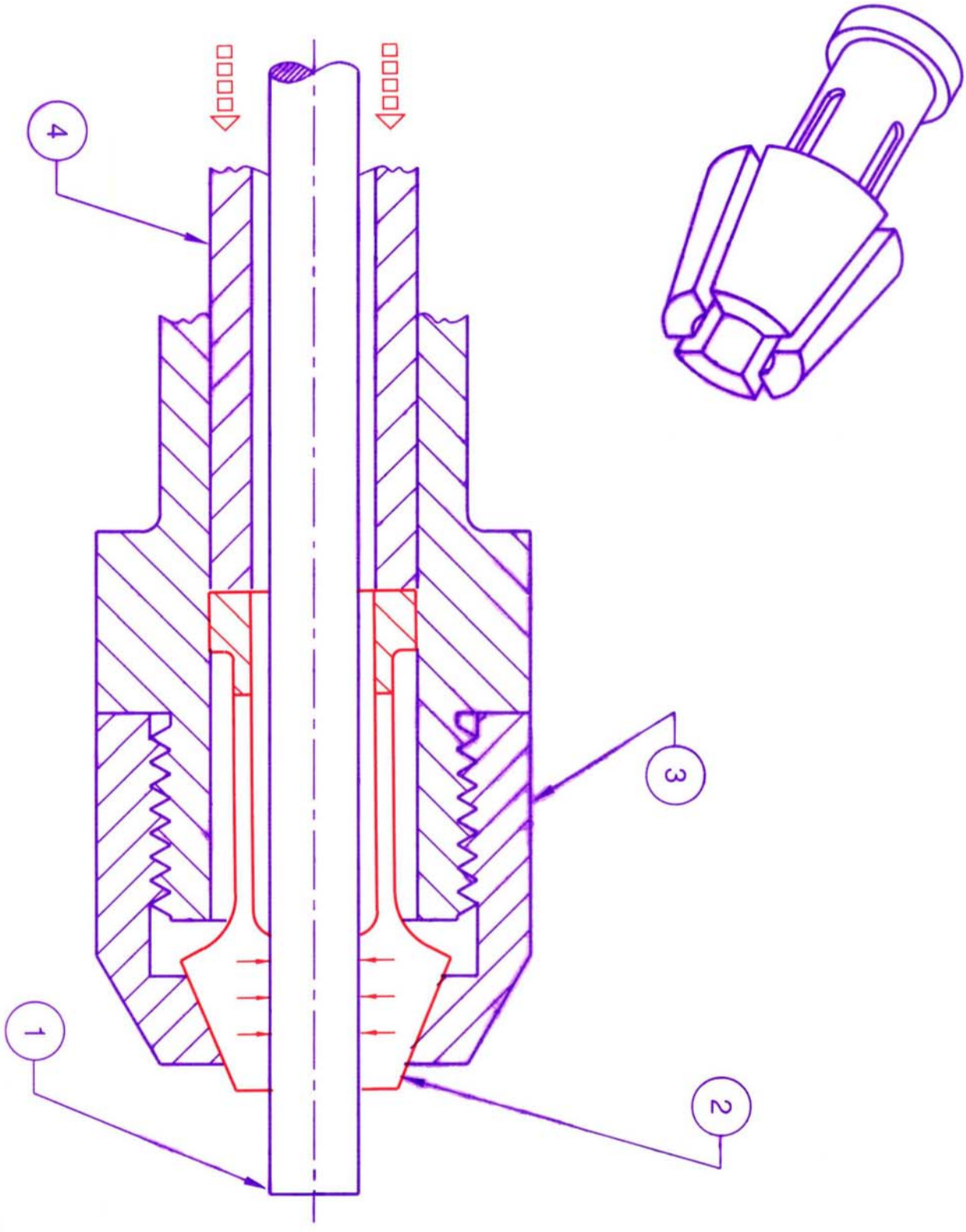
COLLET - PUSH OUT TYPE (WORKING PRINCIPLE)



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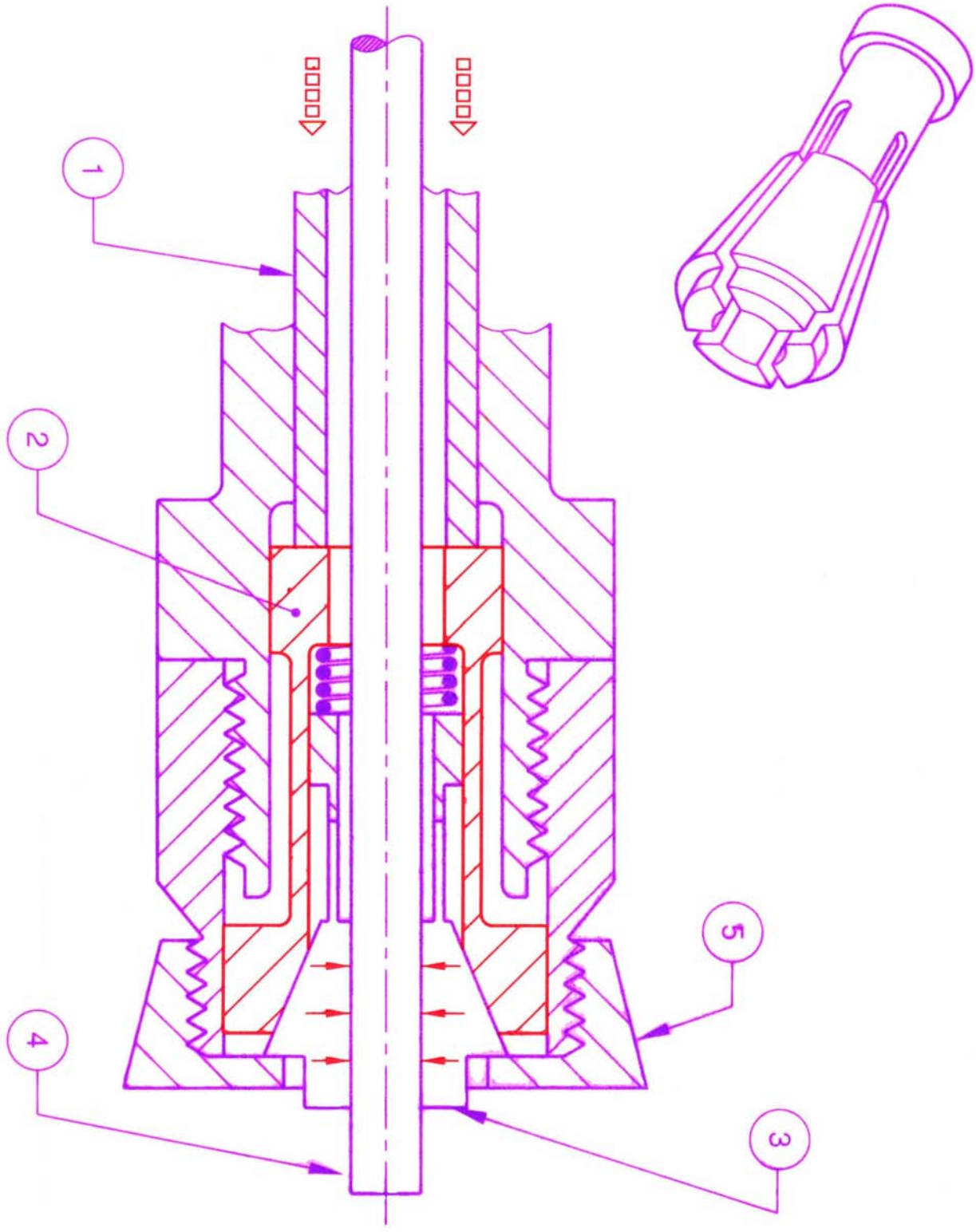
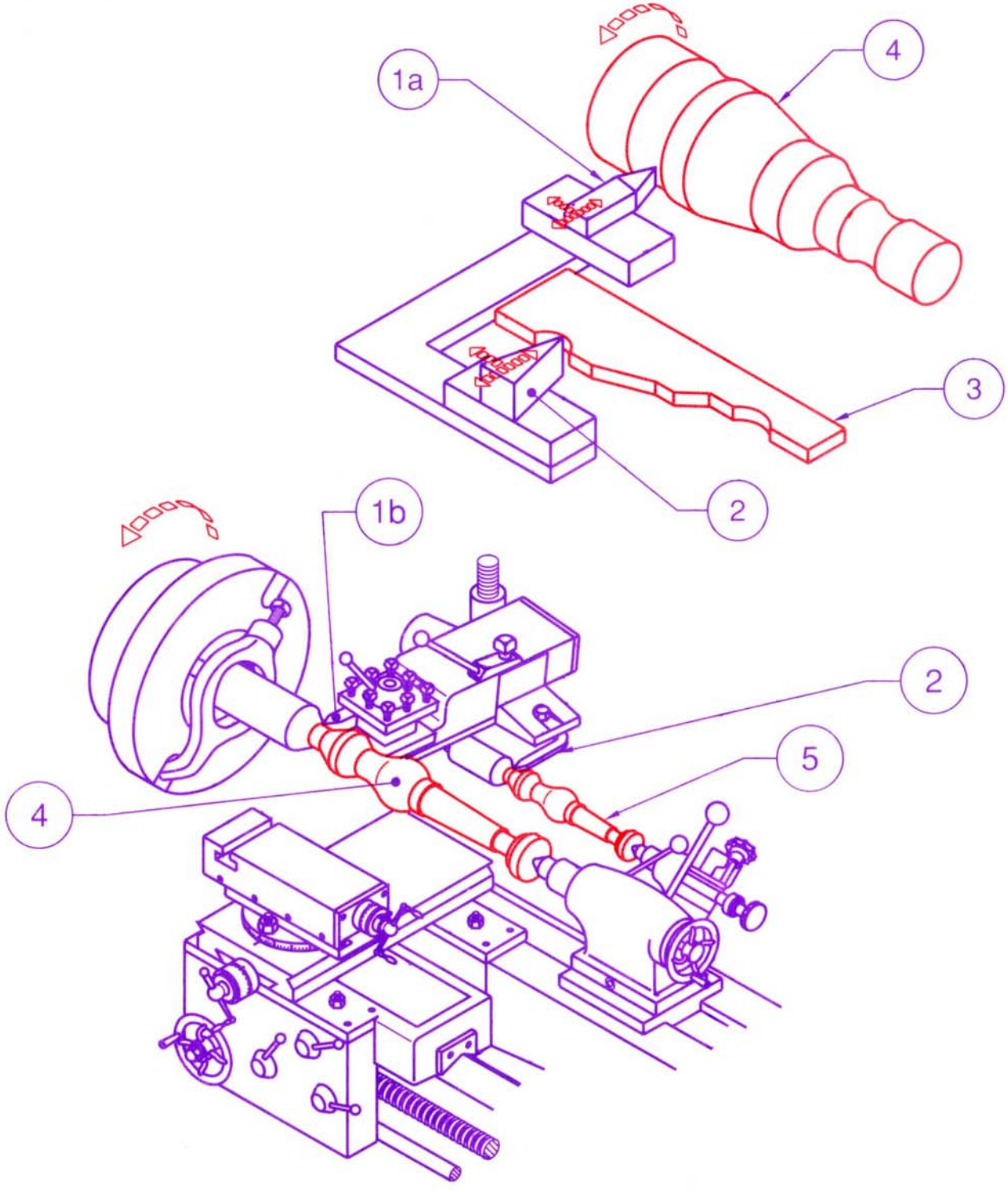
COLLET - DEAD LENGTH TYPE (WORKING PRINCIPLE)



COPY TURNING ATTACHMENT (WORKING PRINCIPLE)



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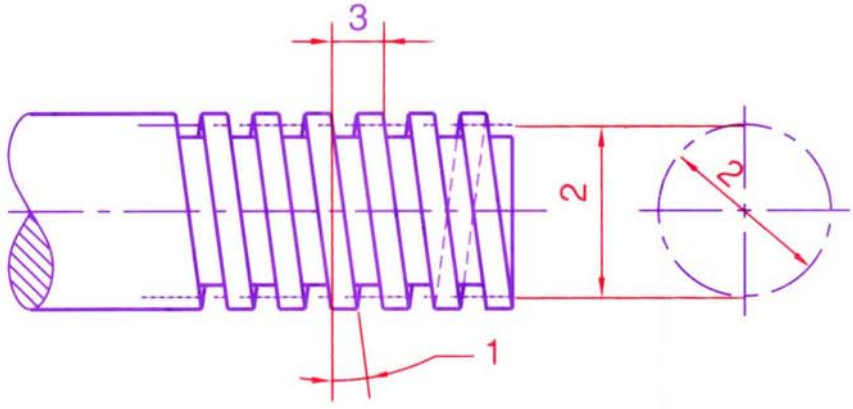
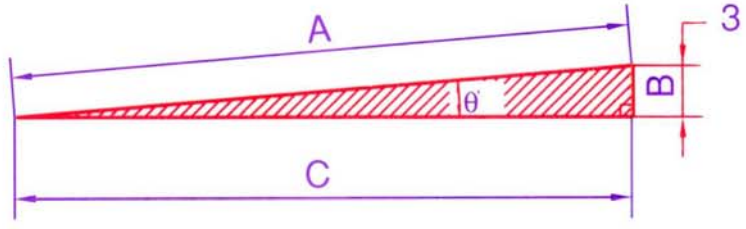
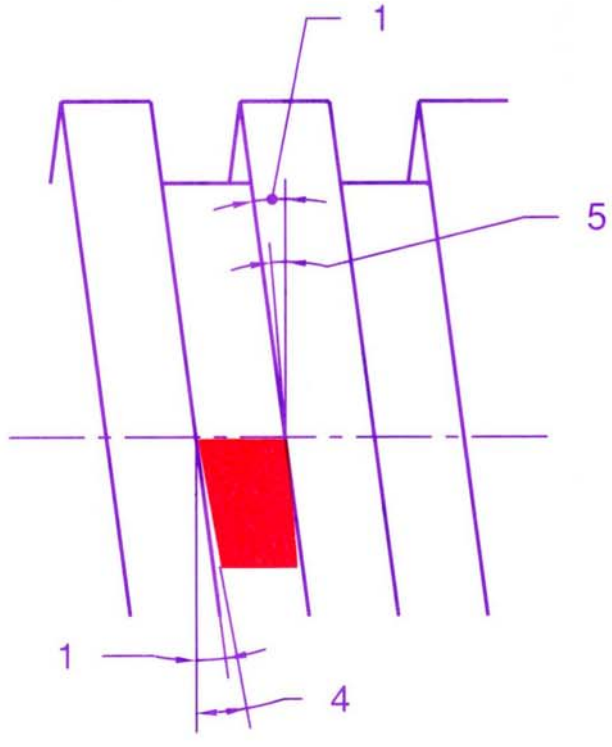
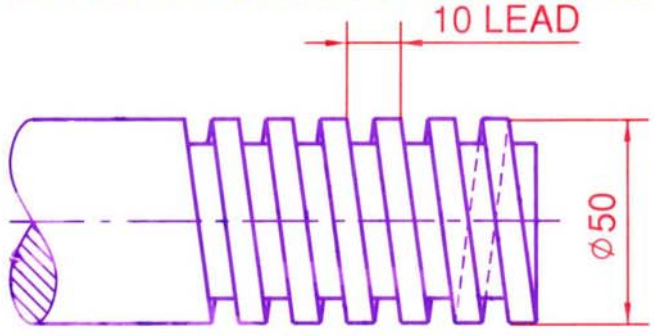
LEADING AND FOLLOWING ANGLES (SQUARE THREADING TOOL)

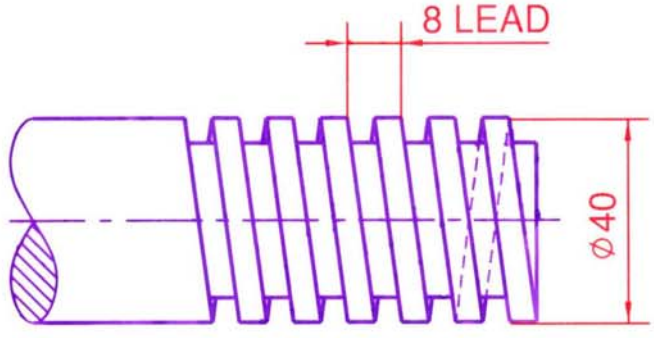


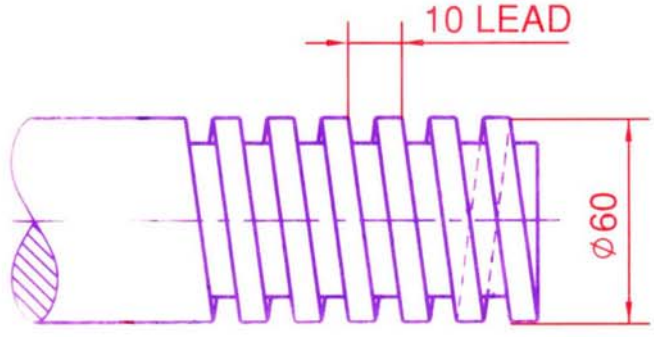


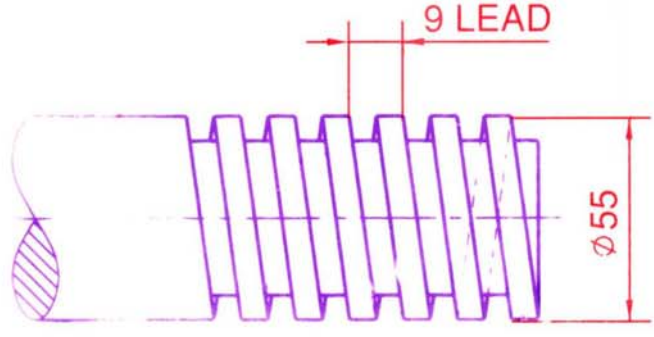


LEADING AND FOLLOWING ANGLES (ASSIGNMENT)









Calculate the leading and the following angles

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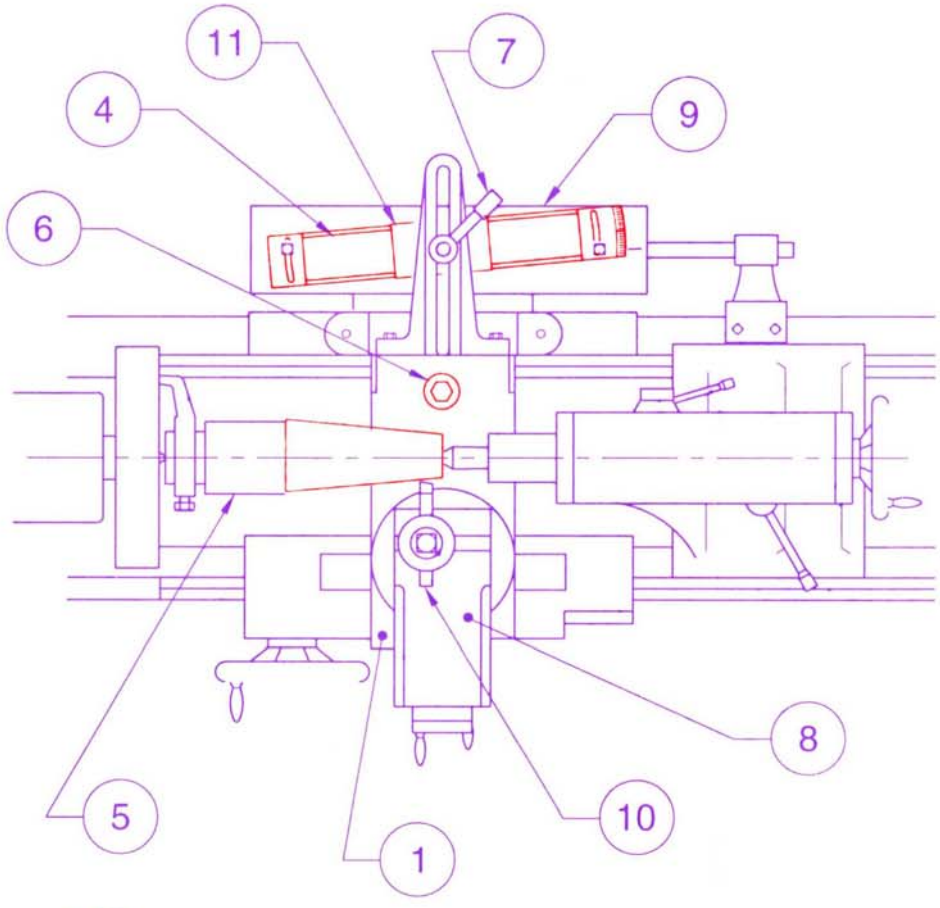
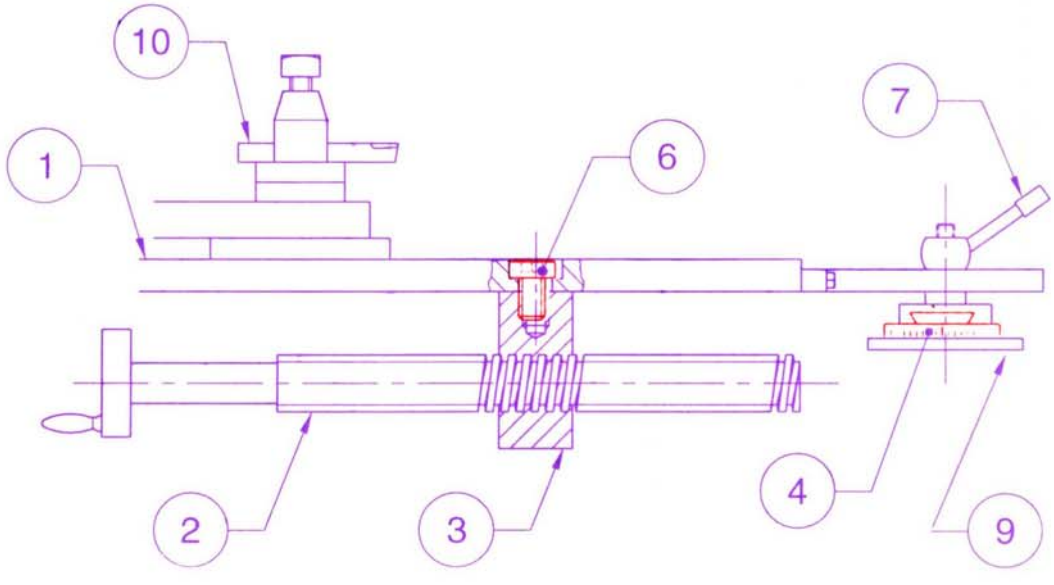
TAPER TURNING ATTACHMENT - YOKE TYPE (PRINCIPLE)





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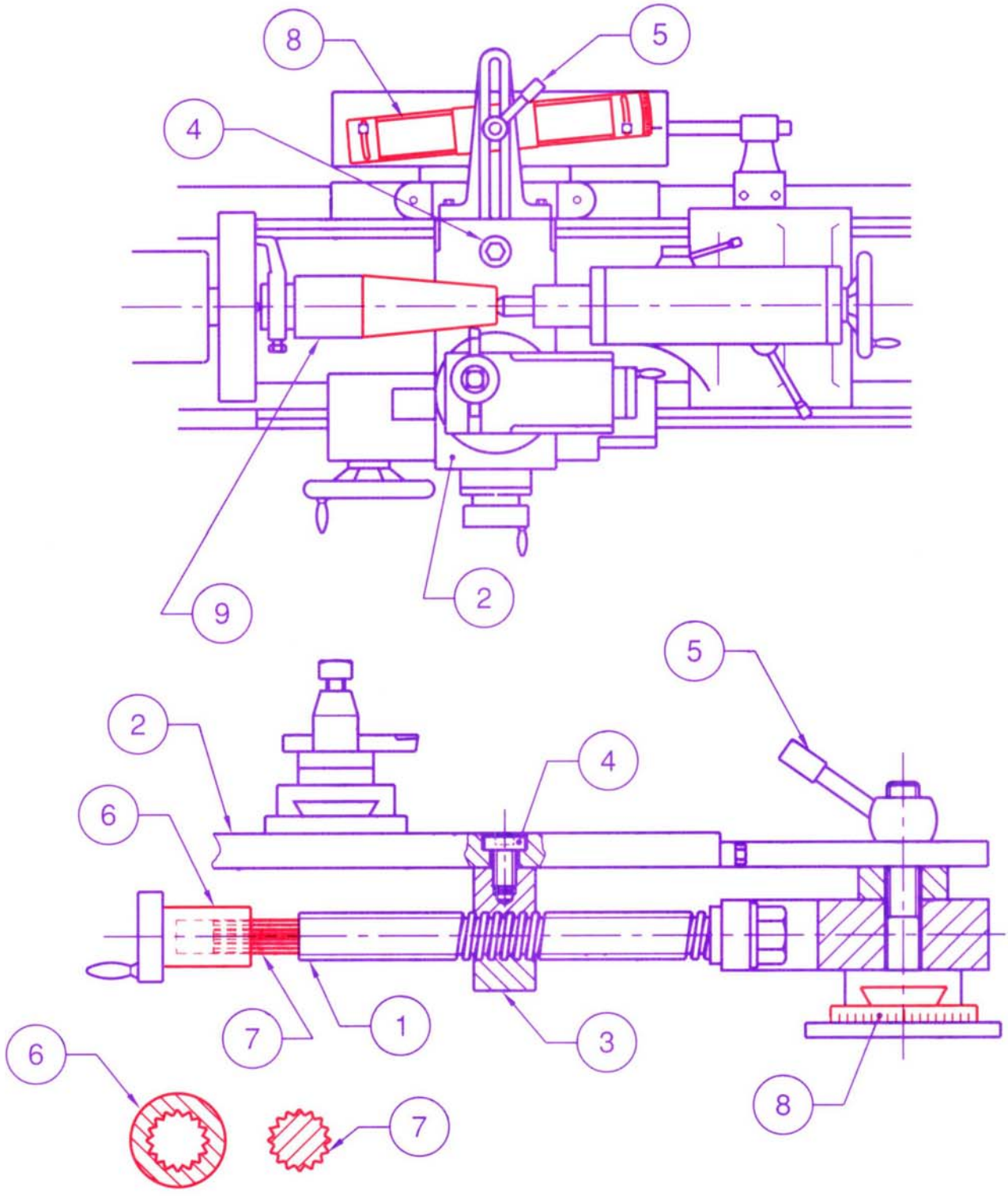
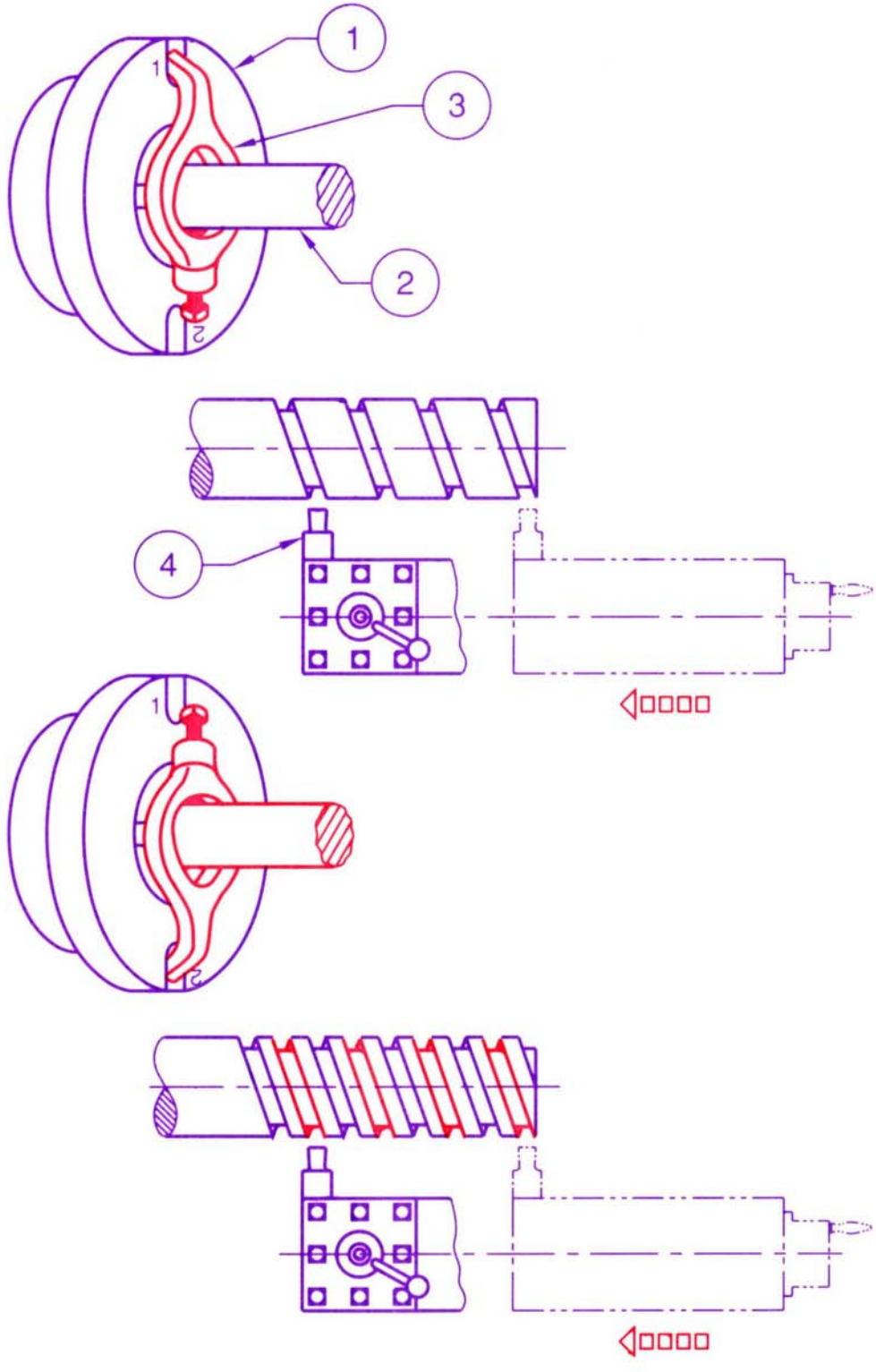
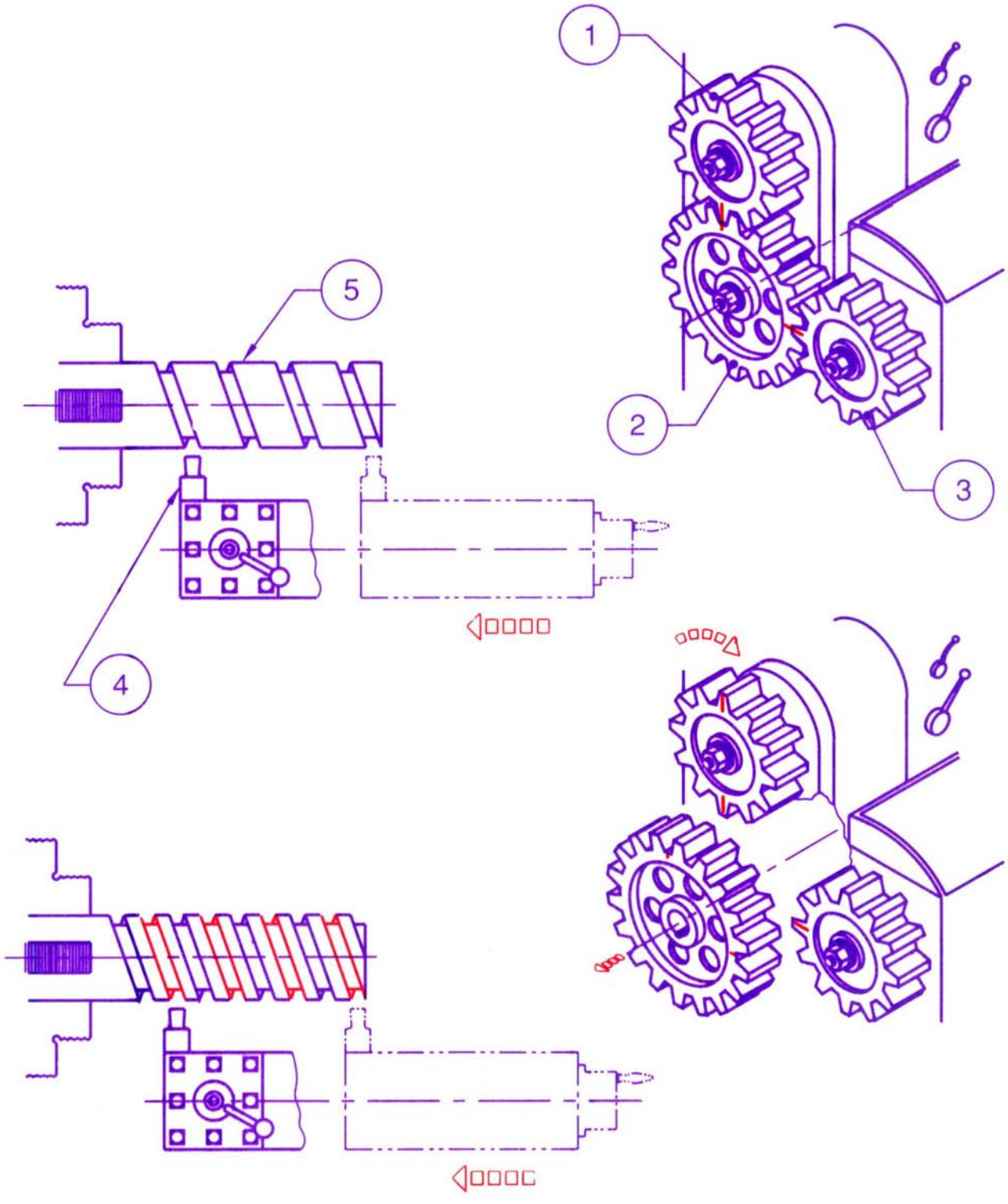
TAPER TURNING ATTACHMENT - TELESCOPIC TYPE



DOUBLE START THREAD (CATCH PLATE METHOD)



DOUBLE START THREAD (DIVIDING THE GEAR METHOD)



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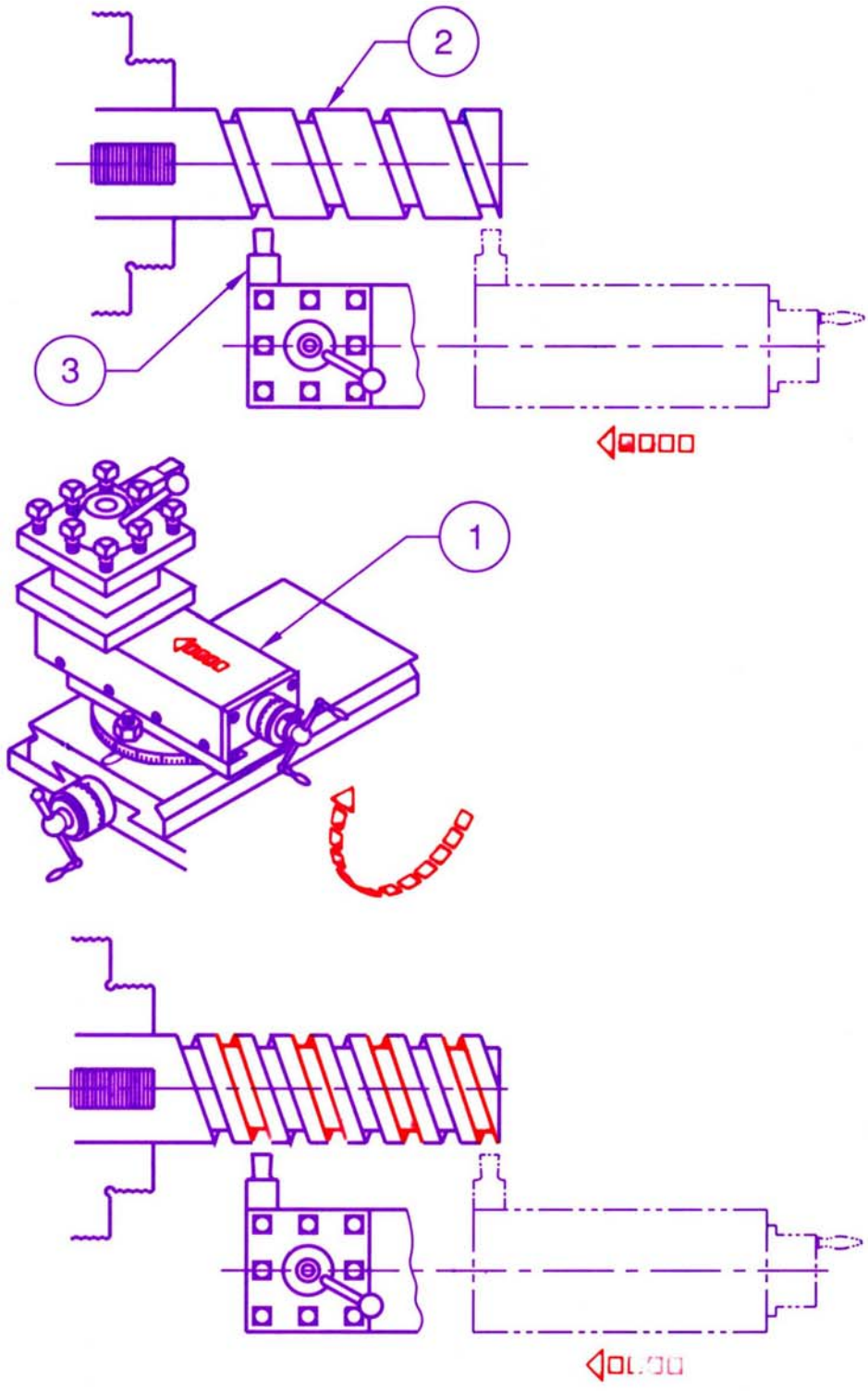
DOUBLE START THREAD (GRADUATED COLLAR METHOD)



THREAD CUTTING BY HALF ANGLE METHOD (PRINCIPLE)