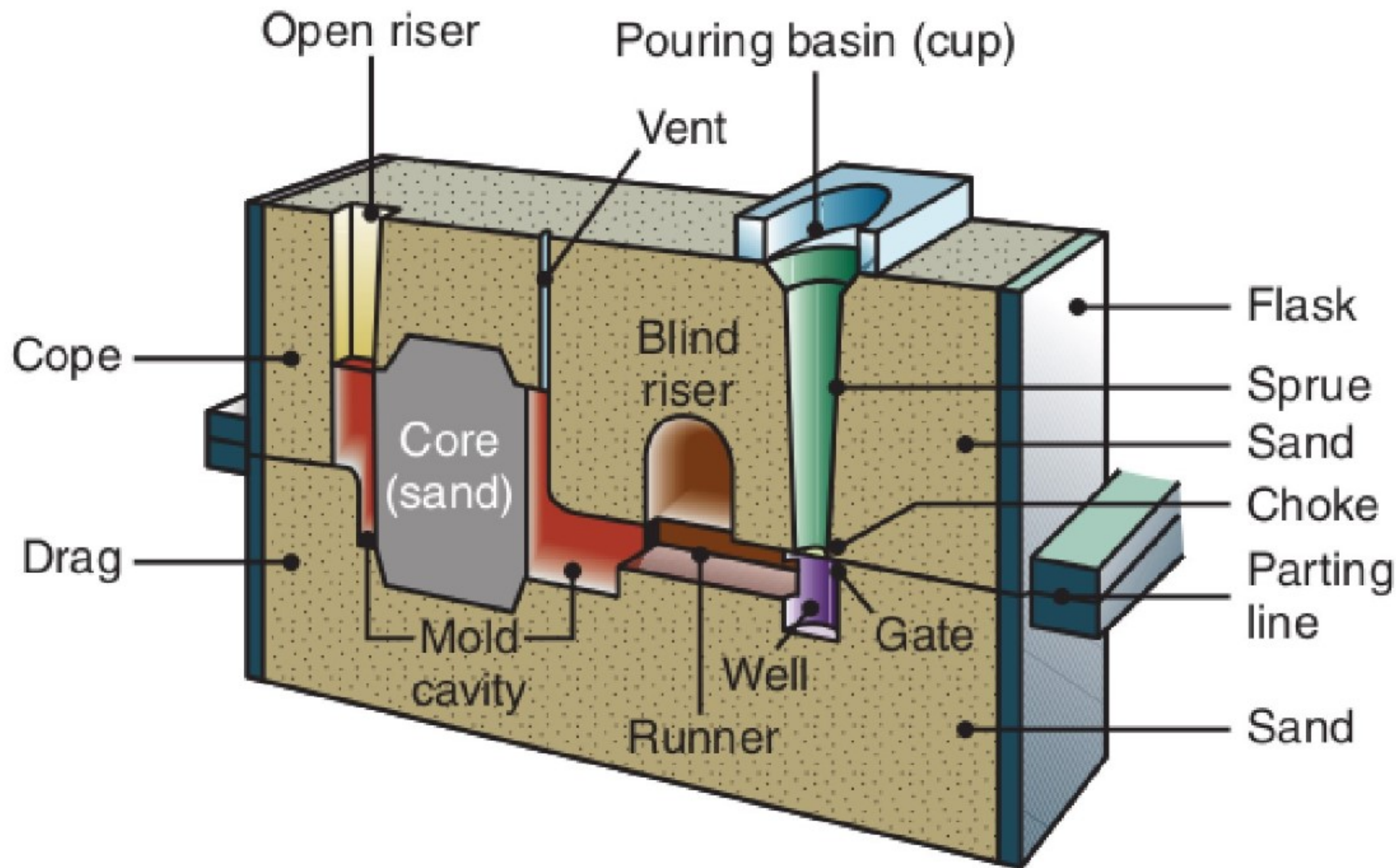
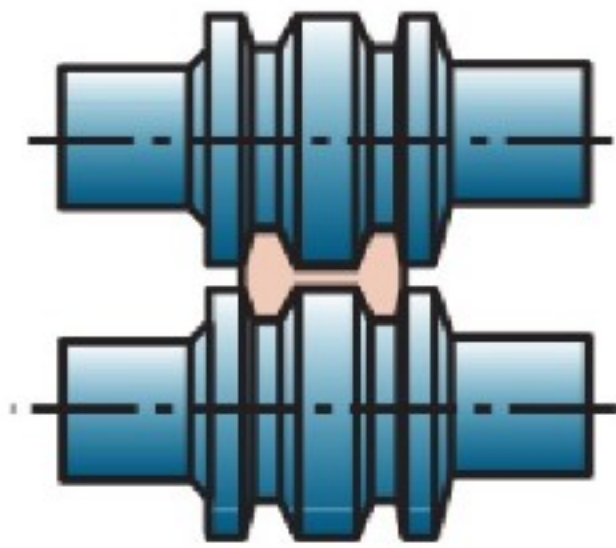


Presentations

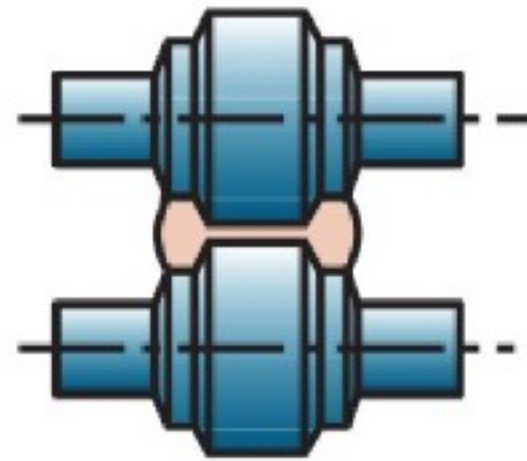
Thursday

5-10 minutes

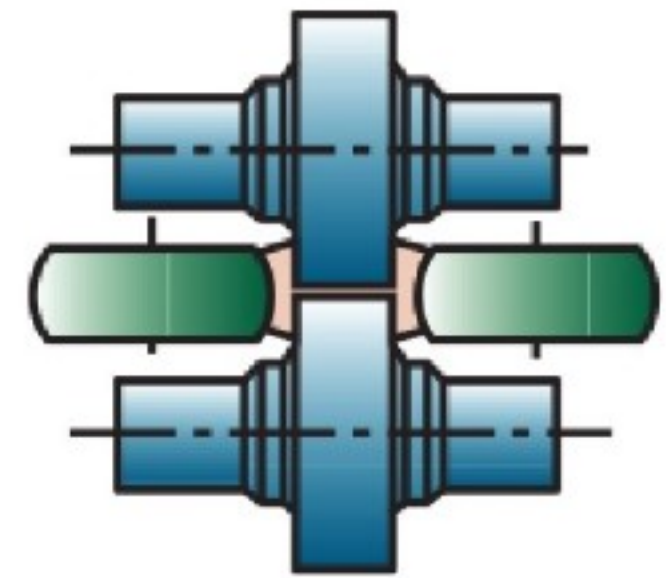




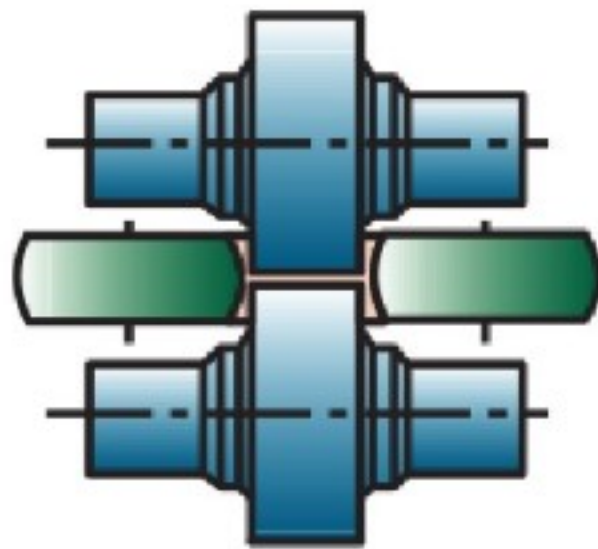
Stage 1: Blooming rolls



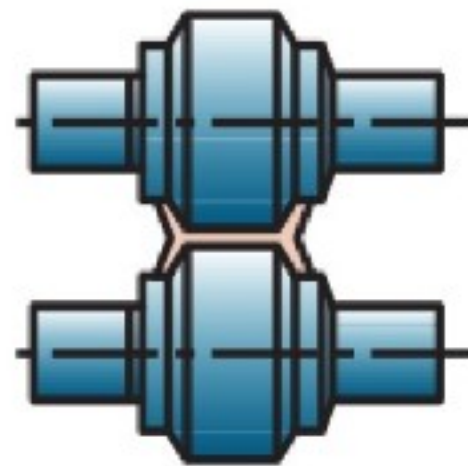
Stage 2: Edging rolls



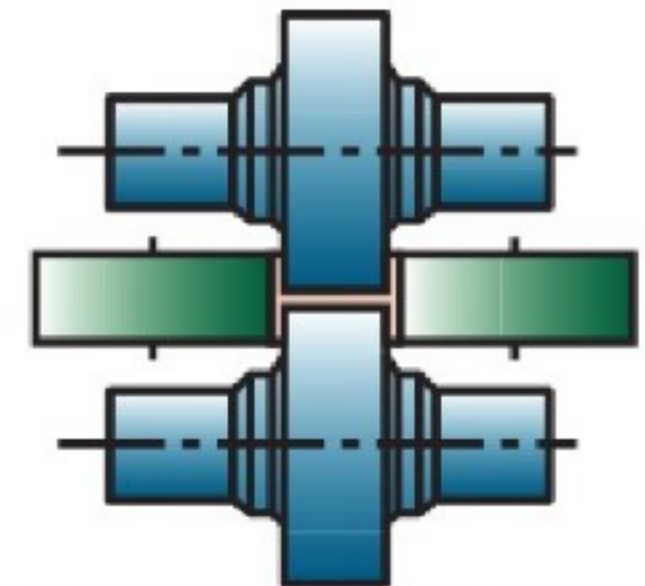
Stage 3: Roughing horizontal and vertical rolls



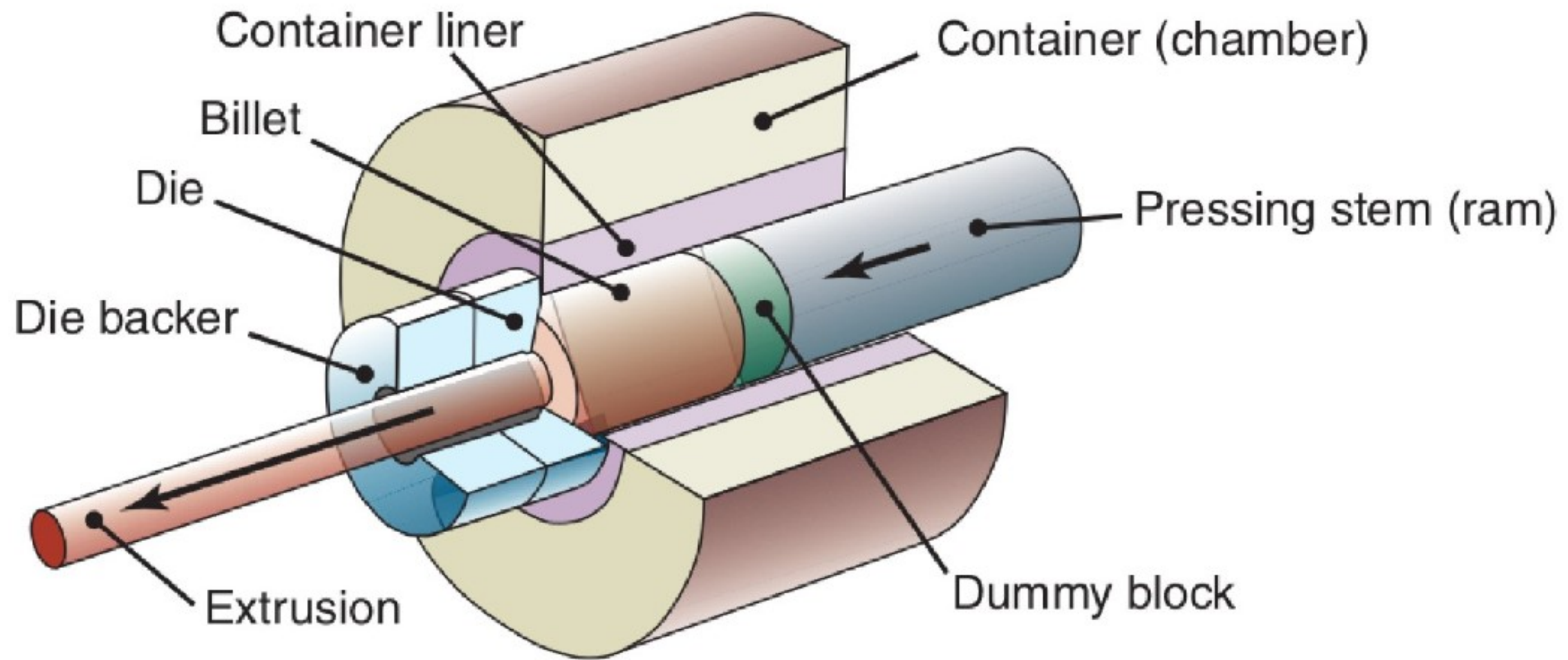
Stage 4: Intermediate horizontal and vertical rolls

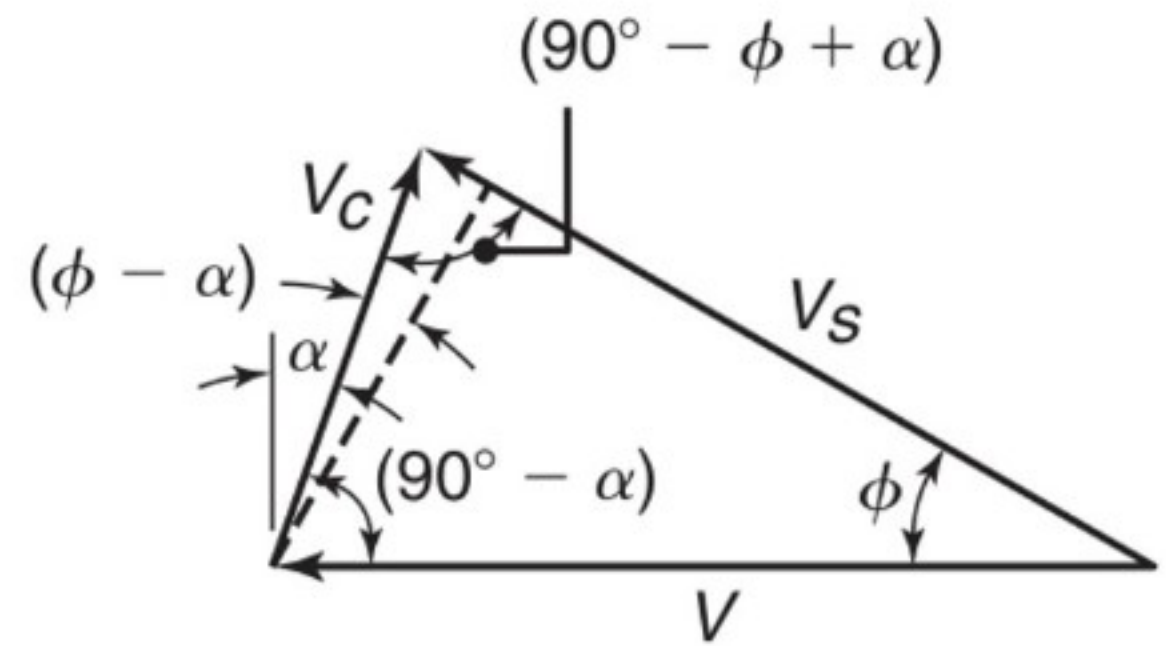
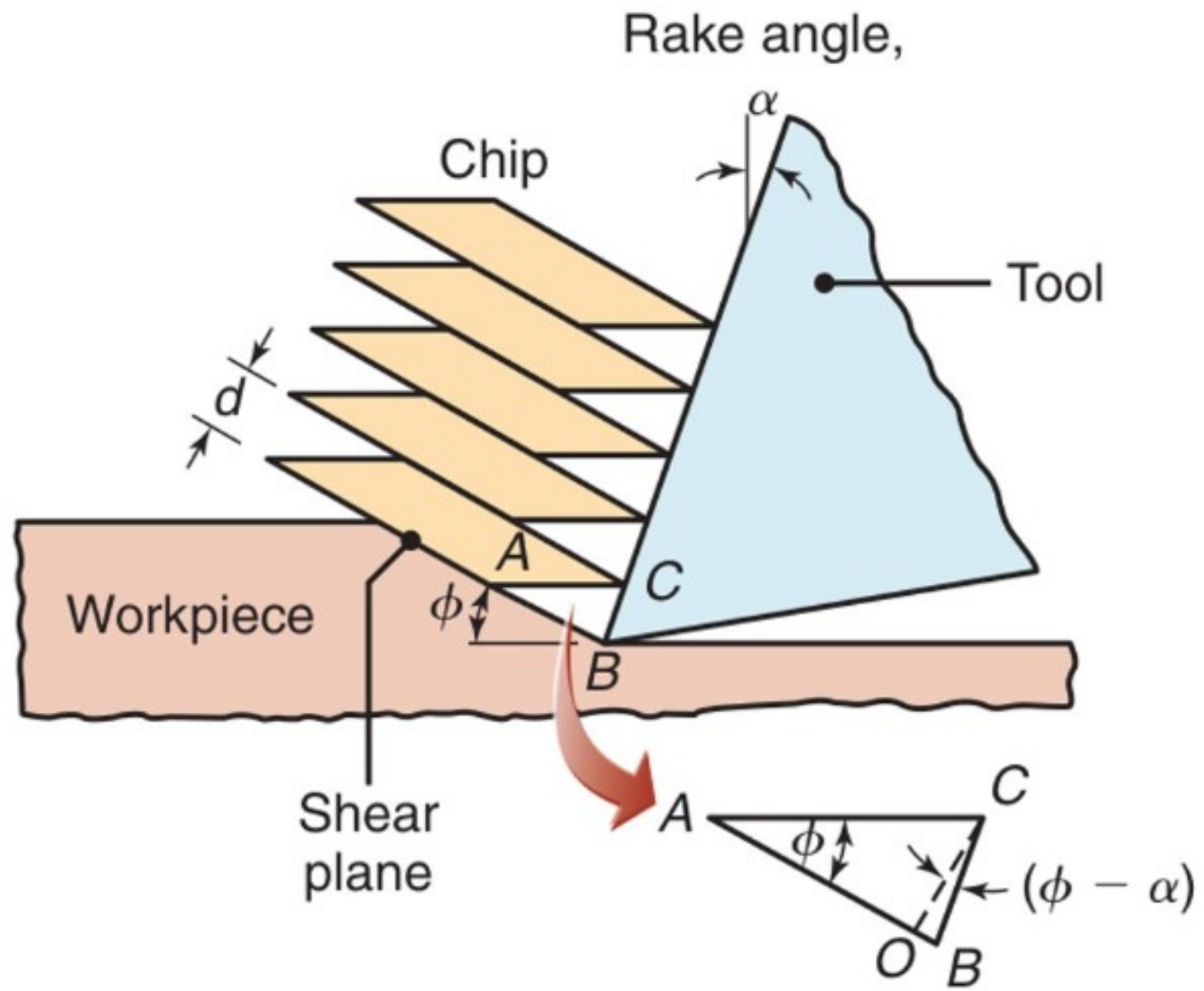


Stage 5: Edging rolls

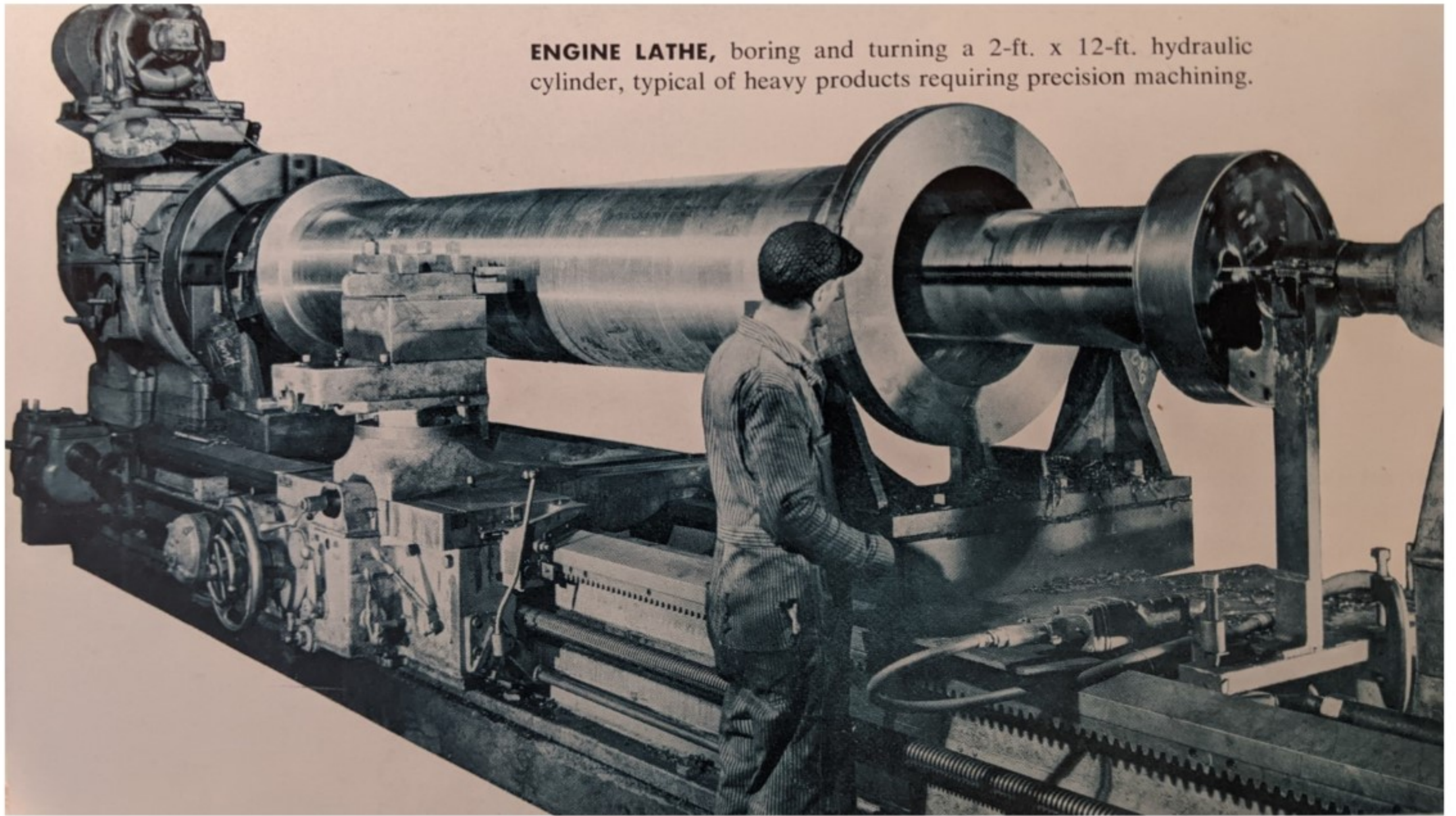


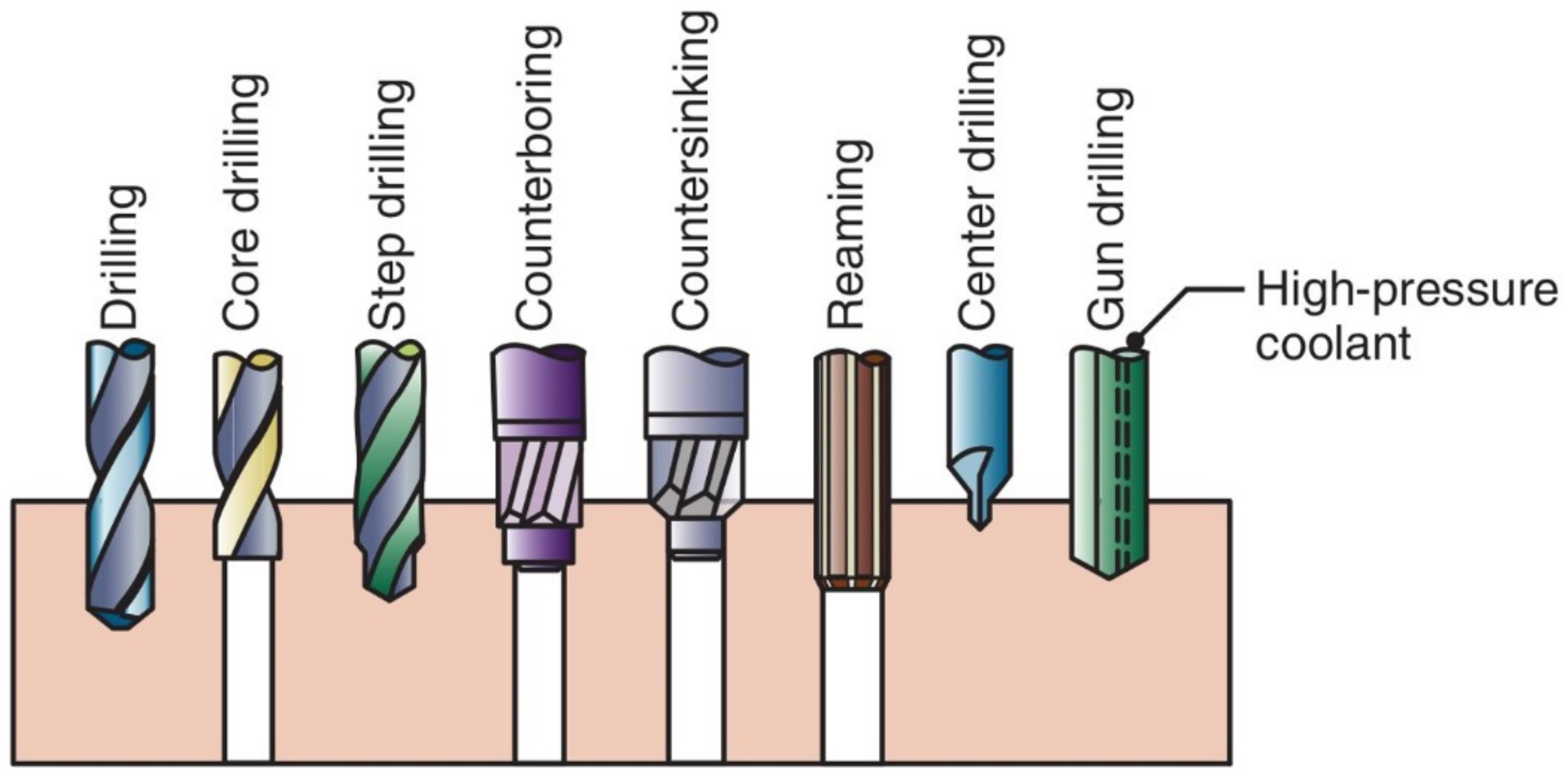
Stage 6: Finishing horizontal and vertical rolls





ENGINE LATHE, boring and turning a 2-ft. x 12-ft. hydraulic cylinder, typical of heavy products requiring precision machining.





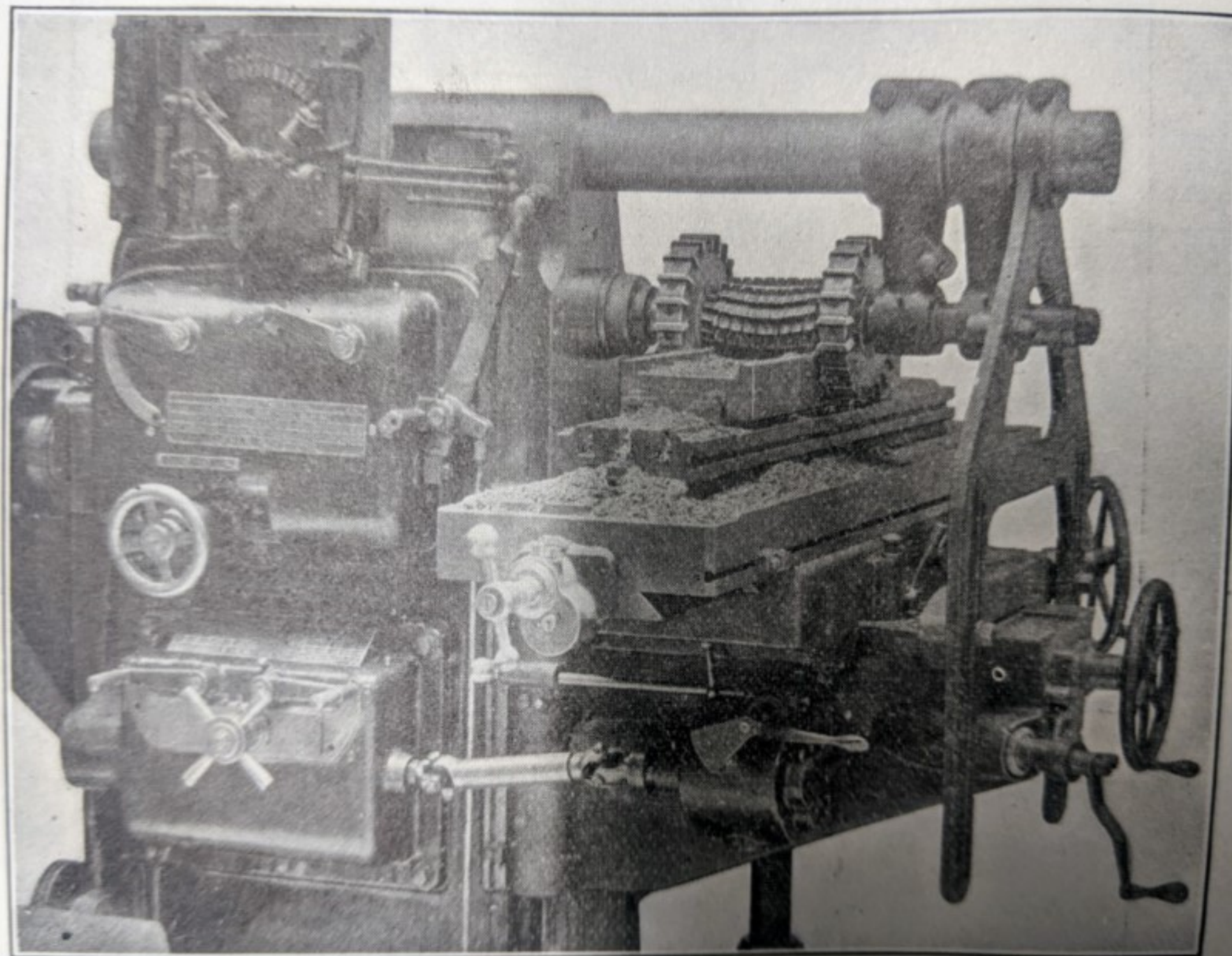
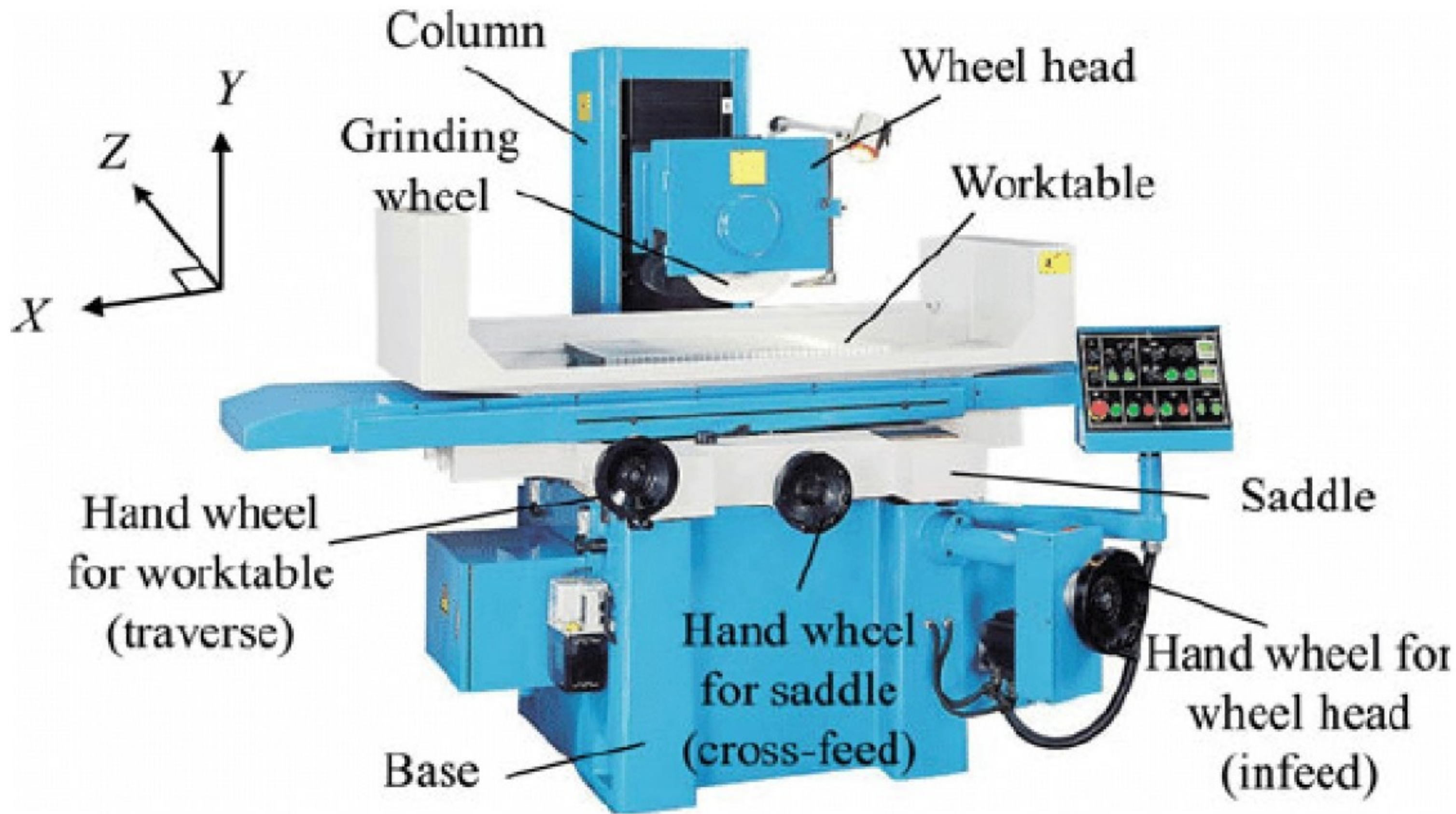
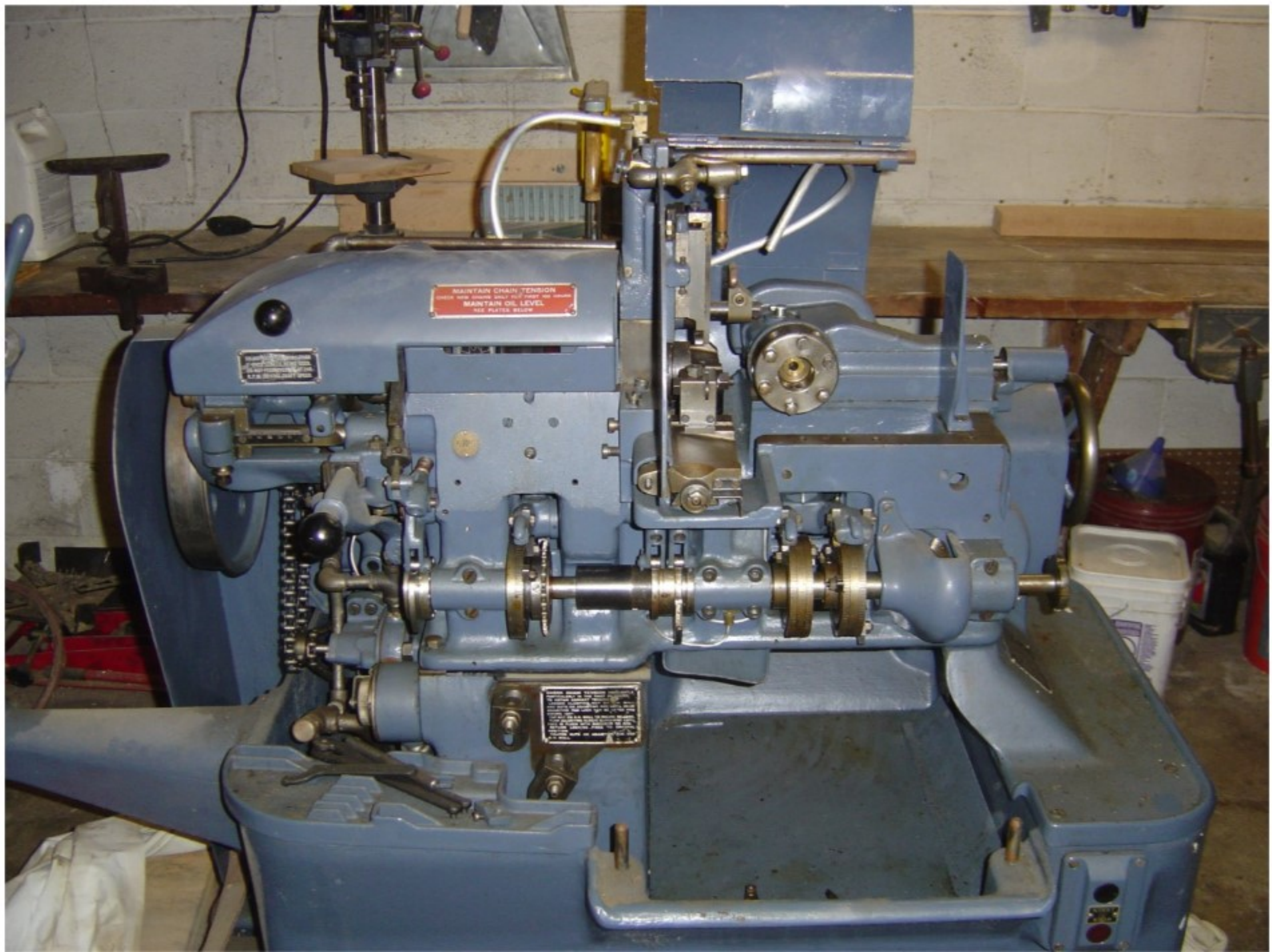


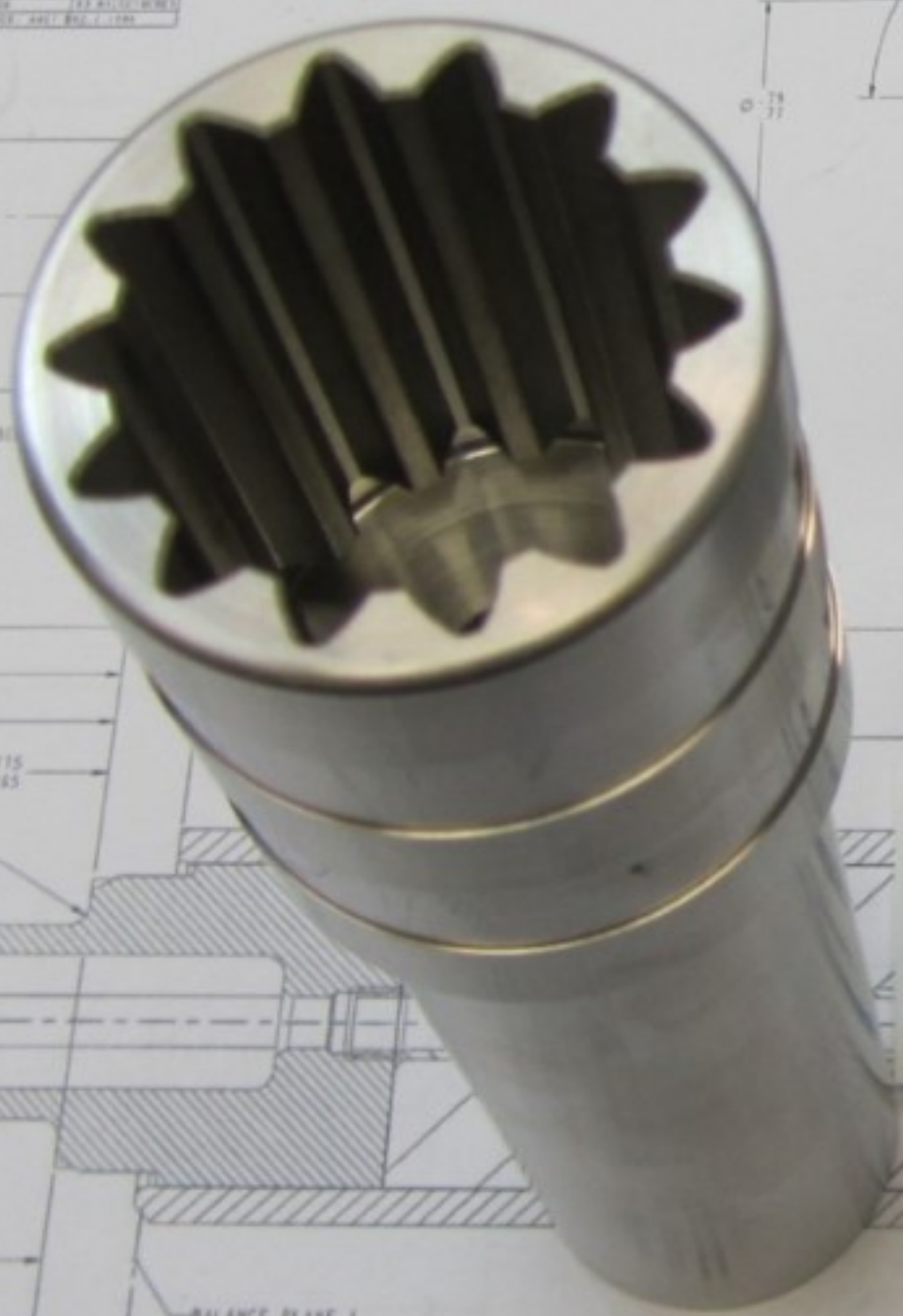
FIG. 233.—Gang milling.



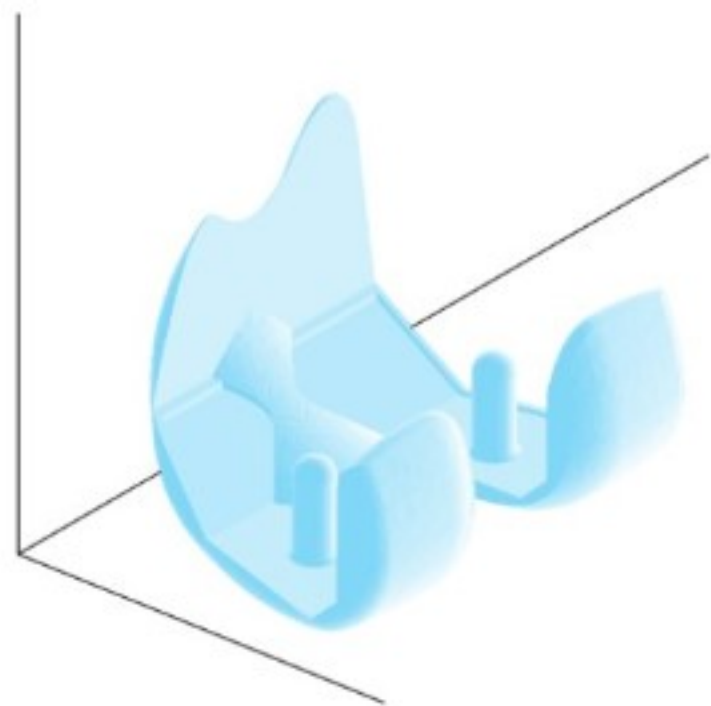




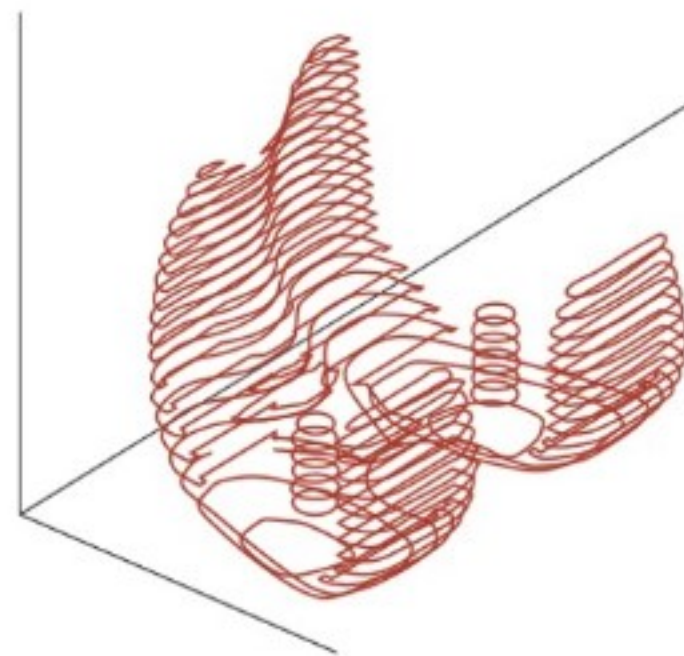
ITEM	DESCRIPTION	QTY
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17
18
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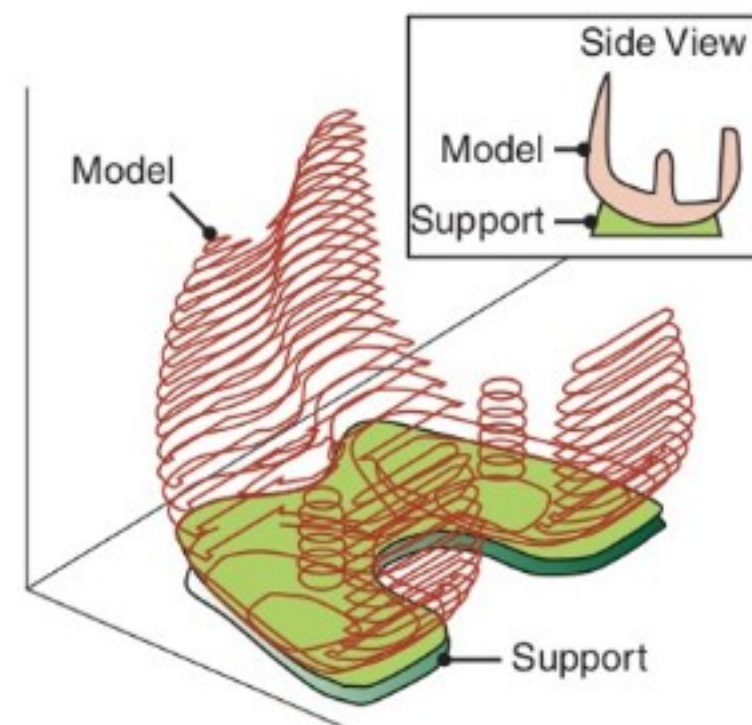
MARONEY Co.
Precision & Electrical Discharge Machining
 9016 Winnetka Avenue • Northridge, California 91324



(a)



(b)



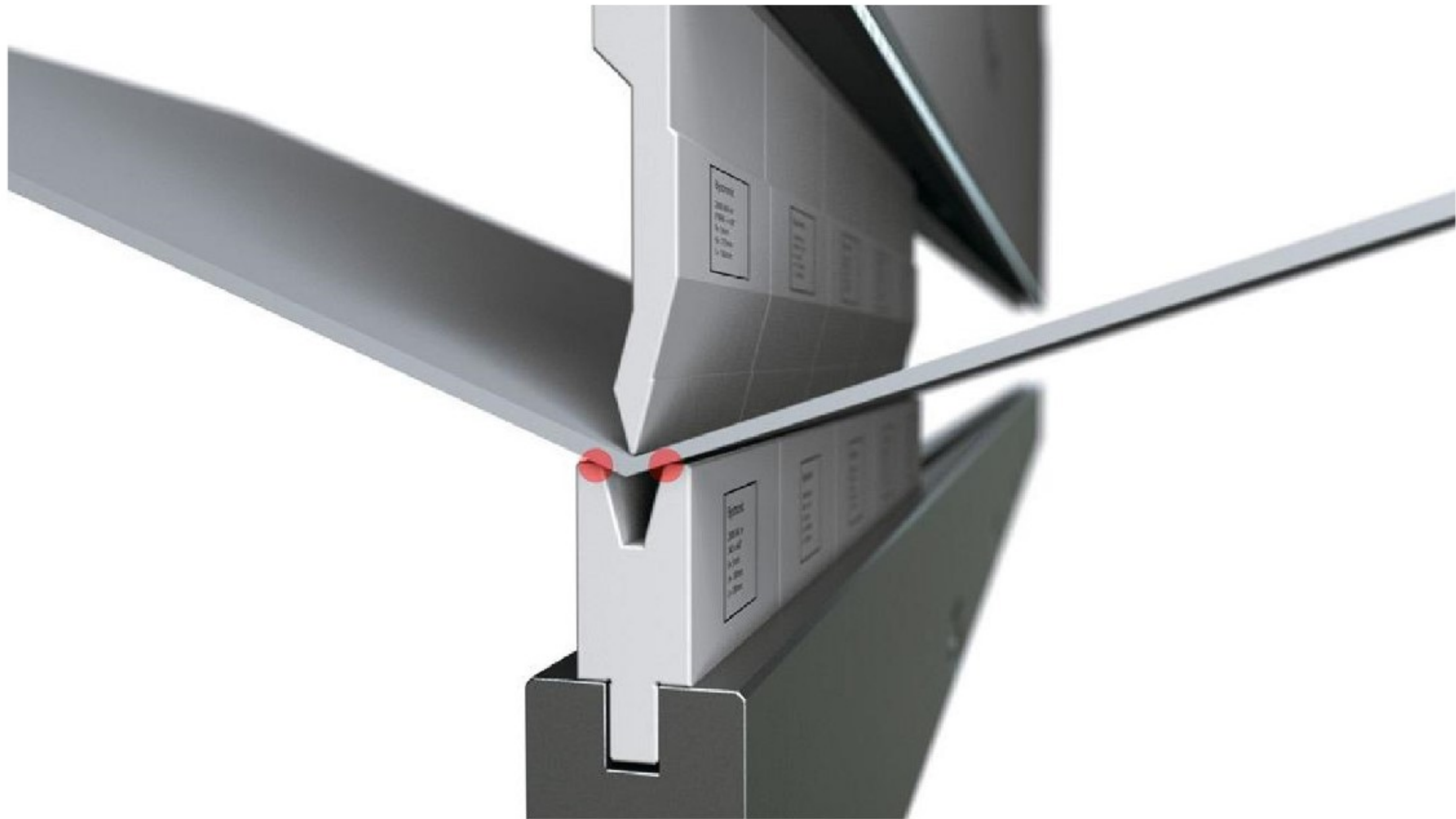
(c)

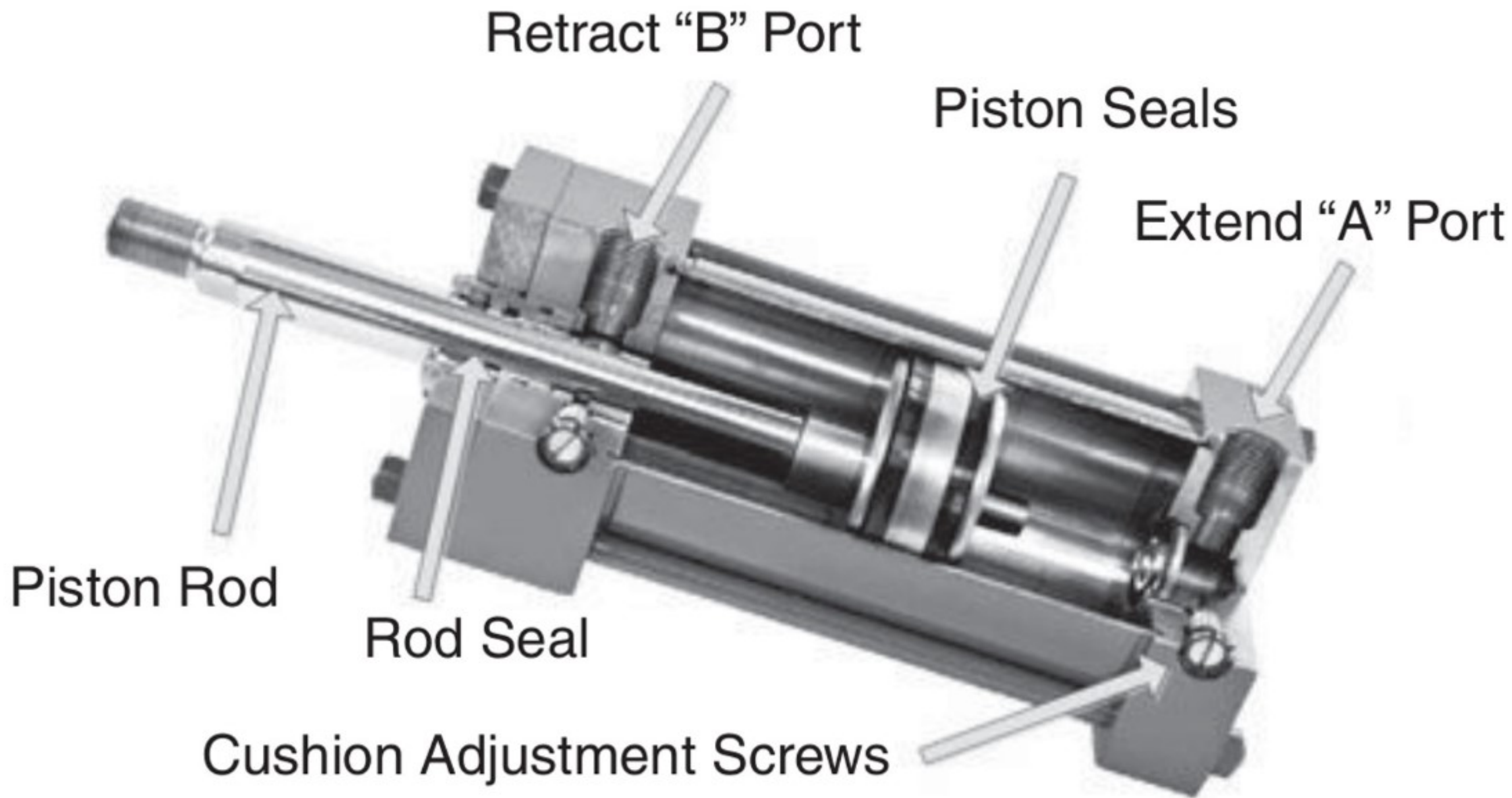


(d)





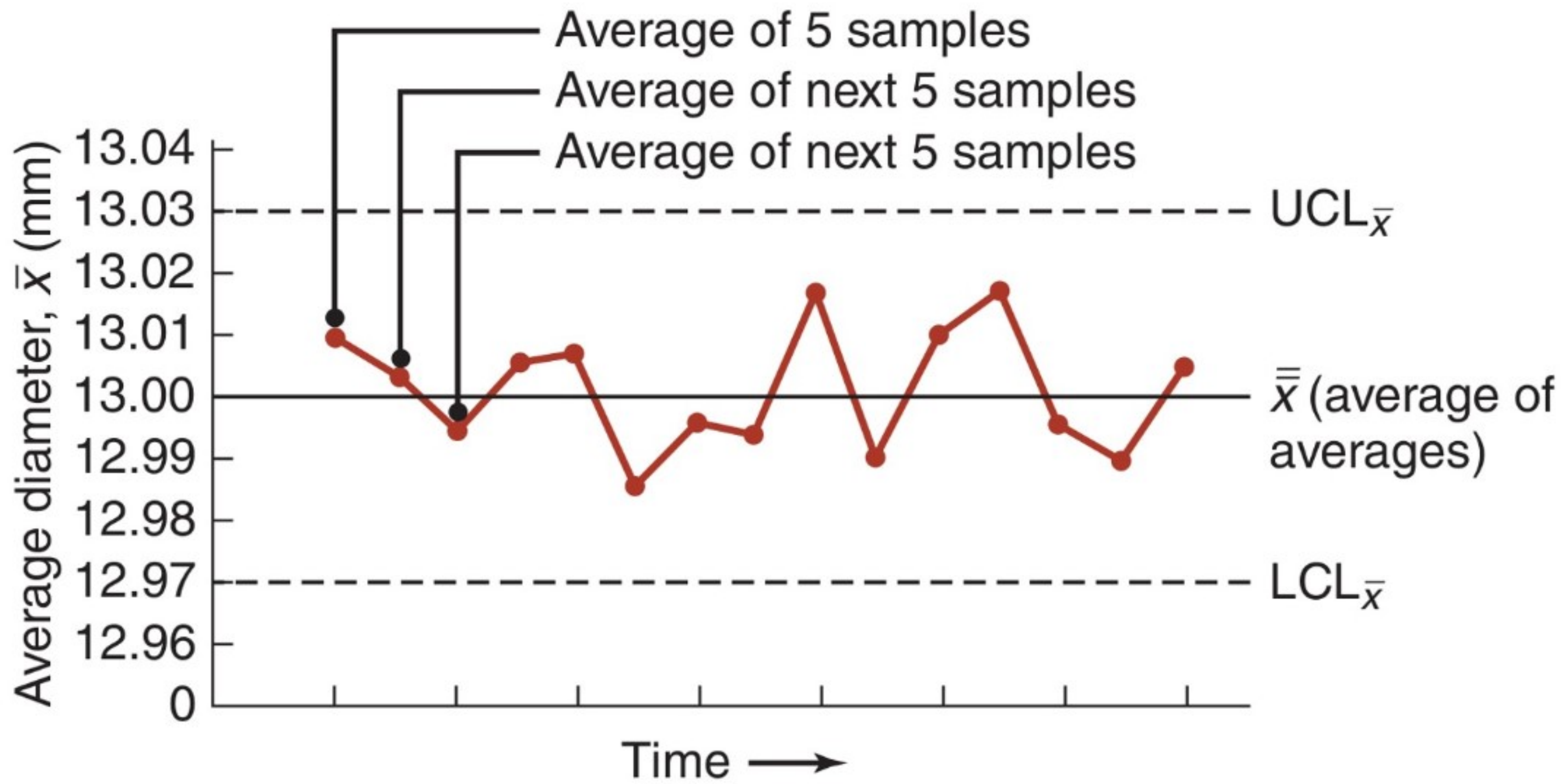








Having a small ball, SØ 4.7 (.187 in) on the anvil, this special micrometer is designed to measure wall and tube thickness up to 25 mm (1 in).



More examples of how to build a manufacturing process

Do an example project

More quantitative examples

In class discussion/presentation instead of forum

Project draft sooner

- ▶ PCB Assembly (<https://youtu.be/24ehoo6RX8w>)
- ▶ IC Disassembly
(<https://www.tiktok.com/@evilmonkeyzdesignz/video/7162175104292719918>)
- ▶ The last TikToc
(<https://www.tiktok.com/@sanctafamiliamedia/video/7144107967061724421>)

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