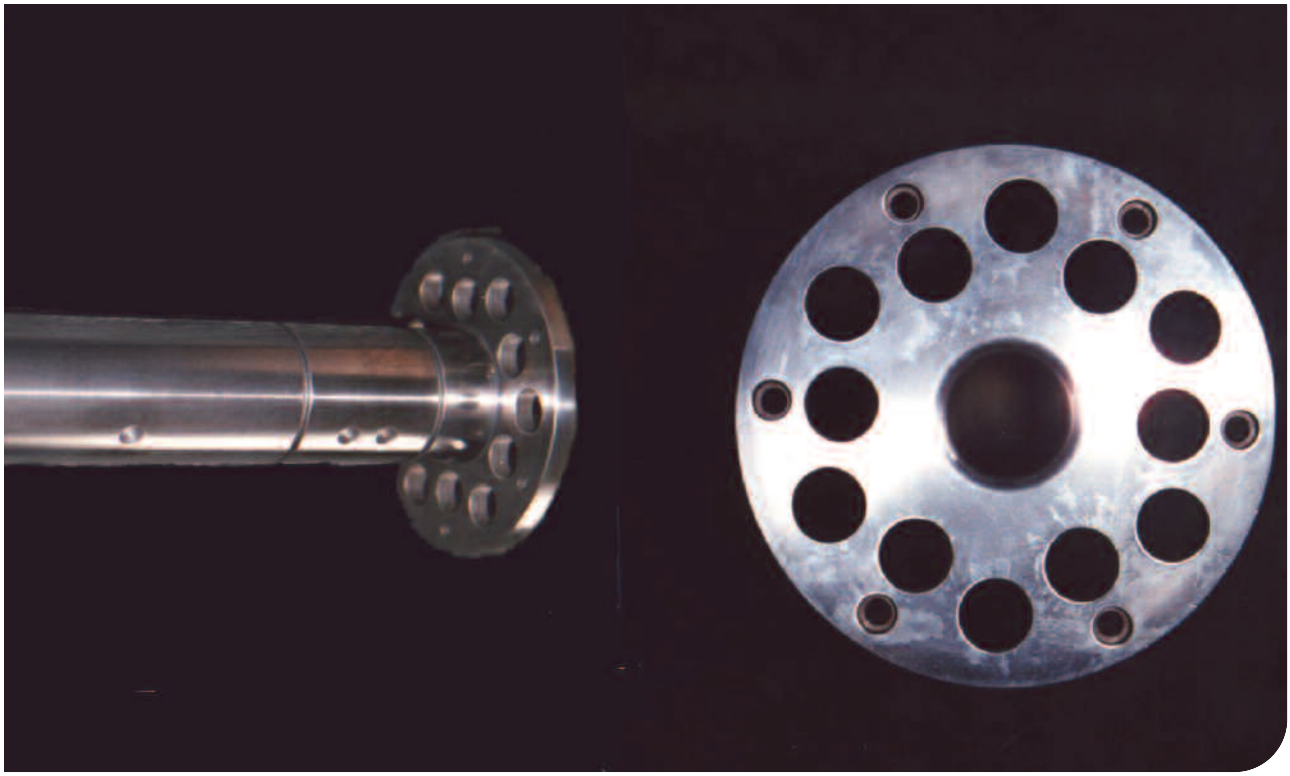
Eddy current testing of extruder barrels.



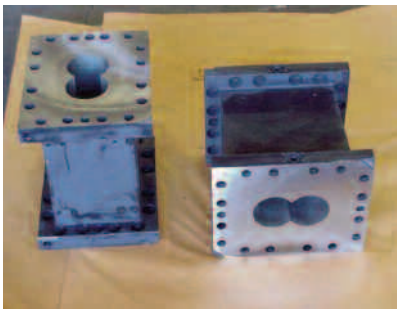
Background

KEMA has developed a method for quick and quantitative checking of extruder barrels. It is applicable to barrels of conventionally hardened steel and to steel produced according to the HIP (Hot Isostatic Pressure) process. Extruders can be assembled as a chain of blocks or out of one piece.

This method can be applied during shutdowns, and in addition to visual/endoscopic inspections, without having to spend much extra time.

Benefits

- A quantitative method
- Early warning of wear damage
- Recordable results, trending possibility
- High accuracy, starting from 0.1 mm
- Independence of extruder length
- Minimal chance of missing abnormalities/degradations
- Short measuring time: less than ¼ hour.



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