Universitas Indonesia Library >> eBooks

Surface hardening of steels: understanding the basics

Deskripsi Lengkap: https://lib.ui.ac.id/detail?id=20442579&lokasi=lokal

Abstrak

A practical selection guide to help engineers and technicians choose the most efficient surface hardening techniques that offer consistent and repeatable results.

Contents :

- Preface
- Chapter 1: Process selection guide
- Chapter 2: Gas carburizing
- Chapter 3: Vacuum and plasma carburizing
- Chapter 4: Pack and liquid carburizing
- Chapter 5: Carbonitriding
- Chapter 6: Nitriding
- Chapter 7: Nitrocarburizing
- Chapter 8: Boriding
- Chapter 9: Thermal diffusion process
- Chapter 10: Surface hardening by applied energy
- Chapter 11: Surface hardening by coating or surface modification
- Appendix 1: Iron-carbon phase diagram
- Appendix 2: Austenitizing temperatures for steels
- Appendix 3: Hardness conversion tables
- Subject index
- Alloy Index