| Product name: | Product code: |
| --- | --- |
| METALLURGICAL SAMPLES | MTL-0024 |



## Description

METALLURGICAL SAMPLES

## Technical specification

13. Hardened steel
14. Anodized Aluminum
15. Tempered steel
16. Fusion Welded Mild Steel
17. Carburized steel
18. Friction Welded Steel
19. Tool steel
20. Powder Metallurgy Component
21. Gray cast Iron
22. Deformed Mild Steel
23. White cast Iron

Bakelite Mounted Ready Specimen for microscopic Observation, A set consists of 23 Standard samples which covers the entire range. Complete information including chemical composition, mechanical treatment, details of heat treatment, type of Etchant with description of Microstructure along with their colored photographs are provided in a booklet.

FEATURES

- These sets are supplied in a wooden storing box with silica gel.
- Type of Etchant with description of Microstructure along with their colored photographs are provided in a booklet.

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LIST OF METALLIC MICROSTRUCTURE

1. Dead Mild Steel
2. Mottled cast Iron
3. Low Carbon steel
4. Ductile cast Iron
5. Medium Carbon steel (Annealing)
6. Cartridge Brass
7. Medium Carbon steel (Normalizing)
8. Muntz Metal
9. Decarburized High Carbon steel
10. Tin Bronze
11. Inclusion in steel
12. Electroplated Component