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YAMAMOTO

Standard Micro Structure



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Standard Micro Structure



Group1-6 25 types each
Group7:23 types

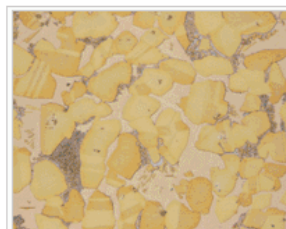
Standard Micro Structure

Group 1	Carbon steel, Cast iron
Group 2	Alloy tool steel, High-speed tool steel
Group 3	structural alloy steel, steel for special use
Group 4	Non-ferrous alloys
Group 6	metallic surface, modifications
Group 7	Abnormal Structure (23 types)

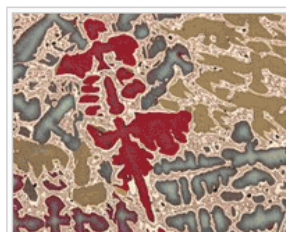
Standard pieces of metal material microstructures, and detailed explanations with photographs and CD-ROM

Yamamoto Test Block Features

- Full range of testing on 6 groups of different standard material which conform to JIS such as : ferrous steel-iron, carbon steel, cast iron, HSS, structural steel, non ferrous alloy, coating, and defective surface
- Bundled with chemical liquid A.G.S. etching set (conforms to JIS G 0551)
- Compact kit for quality research and academic labs.
- Complete with tutorial CD on how to value and grade the microstructure
- Traceable to Tokyo Metropolitan Industrial Technology Research Institute



Metallography allows the metallurgist to study the microstructure of metals.



A micrograph of bronze revealing a cast dendritic structure



Aluminium copper (4 at% Cu) alloy showing copper precipitation within the aluminium matrix. The image is a projection through the metal where the dark regions are plate like copper precipitates



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