

# HMS INDUSTRIES



Rockwell hardness testing, as defined in ASTM E-18, is the most commonly used hardness test method. Although hardness testing does not give a direct measurement of any performance properties, hardness of a material correlates directly with its strength, wear resistance, and other properties. The Rockwell test is generally easier to perform, and more accurate than other types of hardness testing methods. It measures the permanent depth of indentation produced by a force/load on an indenter. The test can be used to inspect critical components to confirm that a material meets specifications, and to conduct bearing failure analysis.