

STUDY VANADIUM

Specify Type "A"

For all general purposes where great static strength, ductility and high resistance to shock are needed. It works like soft open hearth steel under hammer or dies. Fine for drop forgings; withstands high temperatures and takes excellent finish. Machines easily.

Specify Type "D"

For springs, gears in constant mesh, rifle barrels, high tensile wire, and similar work. Particularly good for severest service conditions.

Specify Type "E"

For case hardening. Makes strong case; has powerful resistance to abrasion; close cohesion of case to softer core; case doesn't flake or powder away; exceedingly ductile core, with great strength and resistance.

Specify Type "G"

For locomotive tires. High static strength, stands 1,260 alternations before fracture under alternating impact test, which is more than twice as great as test on regular tire steel. This type is very homogeneous, machines readily and has splendid wearing qualities with fine tractive surface.

Specify Type "H"

For cutting tools, rotary cutters, saw blades, etc. Tempers accurately and evenly; although hard, is extremely tough. Retains edge more than twice as long as carbon steel.

Specify Type "J"

For steel castings, locomotive frames, mill pinions, etc. Extremely tough, close in structure, strong as ordinary forgings, twice as strong as ordinary steel castings.

Specify Vanadium Steel Everywhere

In preference to ordinary steel. Use smaller sections and get greater strength and vitality. All good steel makers make Vanadium Steel. We make the alloy only.

Specify the product of the American Vanadium Company, which is the only standard, guaranteed, free from impurities and correct in every particular. Write us for illustrated booklets and information.

Our Department of Engineering and Tests

is always ready to help you.

American Vanadium Company

324 Frick Building
Pittsburgh, Pa.