



TOOL STEEL SCRAP

Greystone Alloys accumulates smaller quantities of tool steel scrap and other nickel alloys combining them into larger orders for processors and mills.

Common Tool Steel Scrap Grades:

T~1 Tool Steel Scrap – consists of common T=1 Tool Steel (also known as 18-4-1 alloy). This material has a chemical composition of 0.70% Carbon, 4.0% Chromium, 12.0% Tungsten, 5.0% Vanadium, balance iron. Typical items made of T=1 include drills, taps, reamers, milling cutters.

T~15 Tool Steel Scrap – T-15 is a tungsten based high-speed steel designed for use in heavy machining. This material has a chemical composition of 5.0% Cobalt, 4.0% Chromium, 5.0% Tungsten, 5.0% Vanadium, balance iron. Primary use for T-15 is machining high hardness and heat treated materials such as 17-4 PH stainless steel.

M~1 Tool Steel Scrap – consists of common M=1 Tool Steel and has a chemical composition of 0.80% Carbon, 4.0% Chromium, 8.5% Molybdenum, 1.0% Vanadium and the balance Iron. Common items made of M=1 include woodworking tools, drills, taps, reamers, milling cutters, lathe tools, saws, routers.

M~2 Tool Steel Scrap – consists of common M=2 Tool Steel (also known as 6-6-2 alloy) and has a chemical composition of 0.85% Carbon, 4.0% Chromium, 5.0% Molybdenum, 6.25% Tungsten, 2.0% Vanadium and the balance Iron. Common items made of M=2 include boring tools, broaches, milling cutters, taps, drills, saws & lathe tools.

M~42 Tool Steel Scrap – M42 is a Cobalt Molybdenum based high-speed steel designed for use in precision machining. M42 has high wear resistance and cutting ability. It has a chemical composition of 8% Cobalt, 3.75% Chromium, 9.5% Molybdenum, 1.5% Tungsten, 1.15% Vanadium and the balance Iron. Primarily used in making twist drills, taps and punches.