

ABSTRACT

The invention relates to a method of manufacturing a coated tool capable of forming a thick high-hardness DLC film with securing excellent adhesion. That is, the invention relates to a method of manufacturing a coated tool by forming a diamond-like carbon film on a surface of a base by a filtered arc ion plating process, the method including: a first process of subjecting the surface of the base to a gas bombardment treatment by applying a negative bias voltage of from -2500 V to -1500 V to the base and introducing a mixed gas containing hydrogen gas into a furnace; and a second process of forming a diamond-like carbon film on the surface of the base by introducing nitrogen gas into the furnace, after the gas bombardment treatment has been performed, and feeding a current to a graphite target, the second process including reducing a flow rate of the nitrogen gas and increasing the current fed to the graphite target.