

Technical specifications for:

RAZOR GOLF: ECLIPSE DRIVER and IRONS

Razor Golf has once again taken technology to its' next great use, by using a remarkable process, known as "Physical Vapor Deposition" or PVD

By using a very hard material, (Titanium Nitride, "TiN") and a PVD process we have made the material which is coated even harder than the original material. A harder face equals greater distance. Our perimeter weighting equals greater accuracy. Razor Golf Clubs equals better performance.

High Hardness

PVD coatings are deposited while under concurrent ion bombardment. These energetic ions allow the deposition of dense, hard films by supplying the sputtered neutrals with sufficient energy to find a suitable nucleation site and inducing high compressive stress. PVD coatings with a hardness of 1000–4000HV can be deposited with this technique, approximately 5x the hardness of high speed steel or 3x the hardness of Titanium. See http://en.wikipedia.org/wiki/Physical_vapor_deposition for more information about this incredible technology

Hard PVD ceramic coatings are used extensively in cutting tool applications because of their hardness and outstanding wear resistant properties – we have now harnessed this technology for golf.

Hard PVD coatings – Single metal nitride PVD coatings e.g. TiN,

Because of their higher hardness compared to uncoated material, PVD TiN acts as a "hardner" of the material that it is deposited upon. This gives the metal an attractive appearance. TiN has a yellow–gold color giving our clubs the distinctive and beautiful finish.

These PVD coatings are used extensively in applications where hardness is desired.

Razor Golf believes that this PVD process will provide golfers of all levels the greatest opportunity to increase distance and accuracy. See for yourself why Razor Golf Eclipse Drivers and Irons are the "NEW" Gold Standard in technology.

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