



Valve Seat

Finest microflo alloy for high temperature service

Typical Applications:

Valves, hot punches, ingot tongs, guide rolls, wire drawing blocks, charging rams, valve spindles.

Outstanding Features:

- Unique cobalt - based alloy formulation.
- Excellent corrosion resistance.
- Exceptional hardness stability.
- Outstanding combination of abrasion & frictional wear resistance.

Recommendation:

EWAC 1006 EE is one of the finest microflo alloys available for high temperature service. Special cobalt - based formulation assures useful combination of characteristics including high hardness with no

tendency to diminish at high temperatures; excellent resistance to compressive stress deformation especially at elevated temperatures; good resistance to abrasion and friction (especially galling and seizing). In addition EWAC 1006 EE is capable of withstanding many types of corrosion along a wide range of temperatures. Wettability as well as deposit control are excellent. Recommended where deposits can or must be non-heat treatable, non-magnetic and where edge retention is important. Machinable with carbide tools or by grinding.

Hardness: 45 - 50 HRc