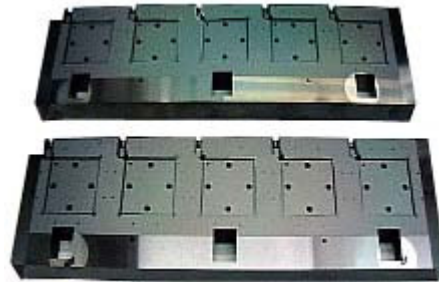


Mold

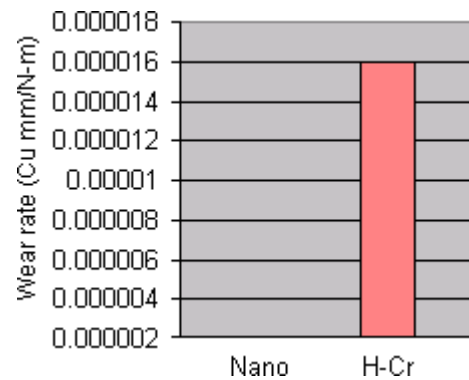
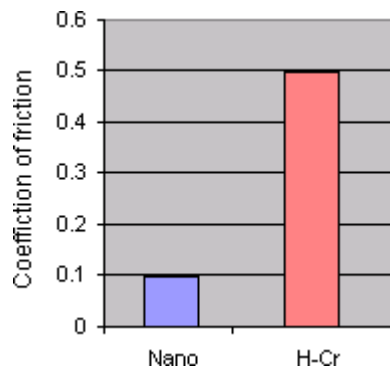


CD Mold



Cavity Mold

Charts



Conclusion

Advantages of ta-C coating on mold

- Film thickness is low yet harder
- Surface Energy is small and contact angle is high
- Excellent adhesion
- Excellent Anti-Sticking properties
- Low wear rate
- Lower-coefficient of friction
- Achieve better easy release property