

Application Tests of Nano-Dies



- **Unique Features of Nano-Dies:**
 - Higher wear resistance (high adhesion to substrate and high quality of diamond coating)
 - Smooth surface (Low friction coefficient)
 - Die Profile Geometry is software controlled and optimized
 - Effective for Shaped dies as well as Round dies
- **Advantages of Nano-Dies:**
 - Superb surface quality (finish) – similar to natural diamond dies
 - Even longer working life than PCD dies (hold +0 tolerance all life time)
 - Very low risk of breakage
 - Wide range applications (wide bore diameter range, material kinds, geometry)
- **Benefits to our customers:**
 - Higher product quality with higher production efficiency
 - Much lower manufacturing cost (die, process, material, power, inventory)
 - Environment ally friendly
 - Raw Material Savings in Cable Compacting (very large savings)