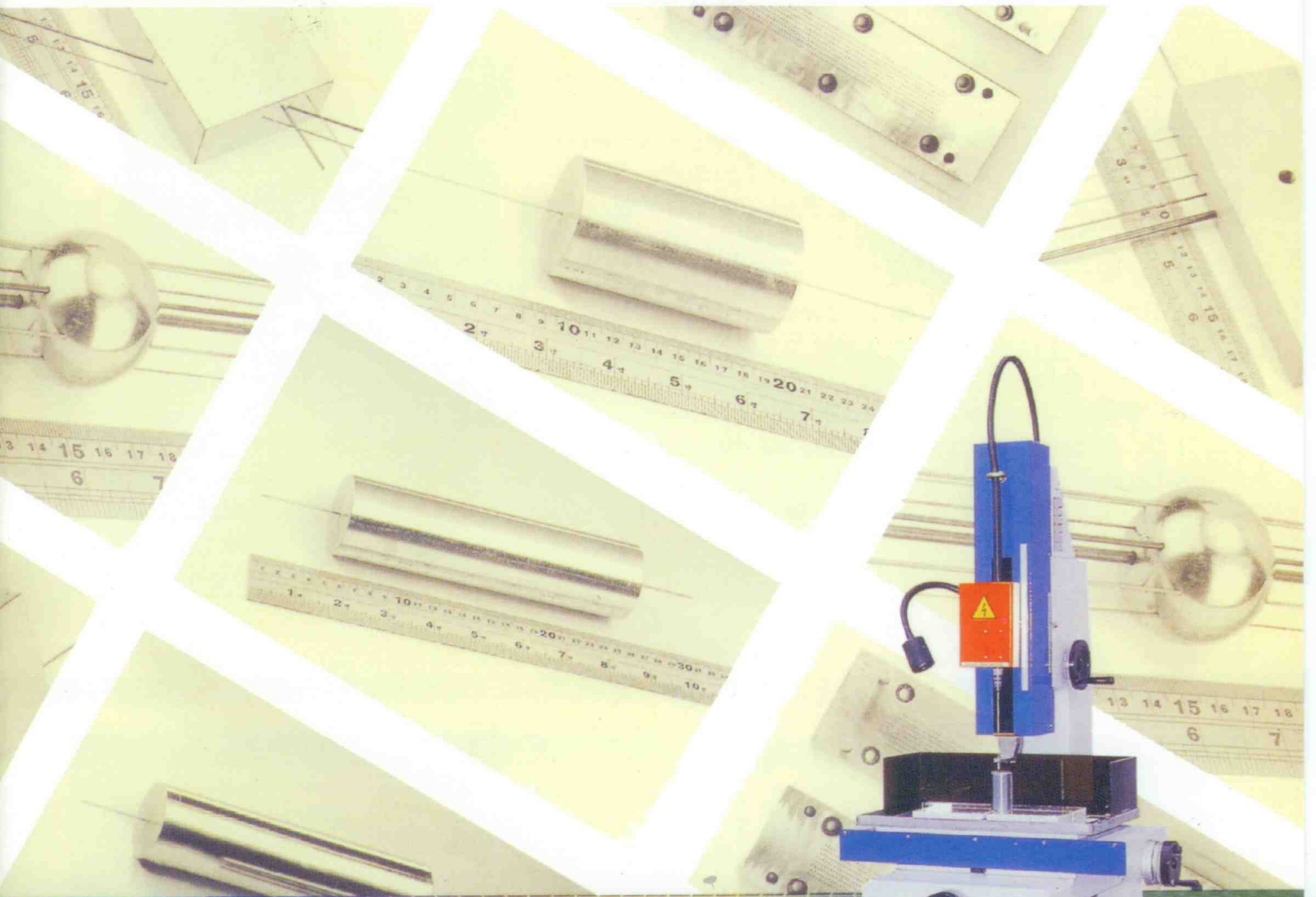


CASTEK

P SYSTEM



SUPER DRILL EDM



FEATURES:

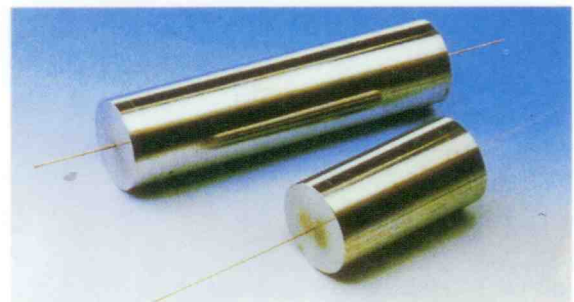
1. The machine is professionally designed for drilling Super Hard Alloy Steel & Powder Metallurgy Steel. as well as for small or deep hole drilling that normal drilling machines are unable to perform.
2. Initial hole drilling for Wire Cut EDM. (Start hole.)
3. Drilling capacity diameter from $\phi 0.3 - \phi 3\text{mm}$ and with proportion of drilling depth & diameter as large as 200:1, (above $\phi 0.5\text{mm}$) (0.1, 0.15, 0.2 & 3.1~6.0mm option)
4. Also suitable for curved surface, globe surface and irregular surface drilling.
5. Low wear rate: the wear rate of SKD-11 ($\phi 1\text{mm}$) is as low as 30-60%. Available with both copper or brass electrode.
6. Easy to obtain straightness and roundness. See settings for good quality.
7. Use distilled water as coolant for deionized.
8. Simplified control panel is easy to operate.
9. Precision servo motor control is used to maximize drilling stability and speed.
10. Closed loop more stable EDM drilling conditions.
11. Carbide machining without "CO" nelt into water and very fast. (option)
Exp: CD650, 76mm, $\phi 0.5$, machining time 15 min. and hole size is 0.58mm.



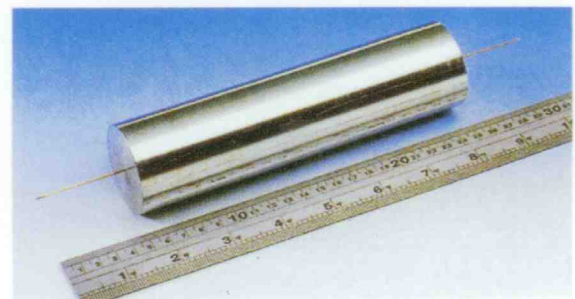
PROCESSING EXAMPLES



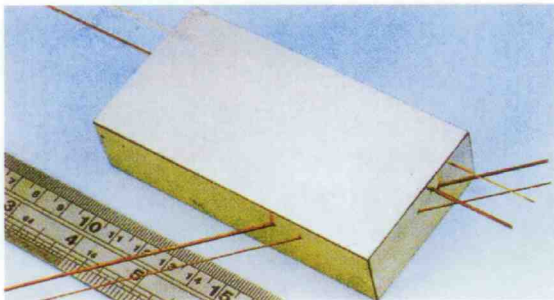
① T. CARBIDE THREAD TAPPING
ELECTRODE SIZE: M3~M8
MACHINING TIME: FEW MINUTES



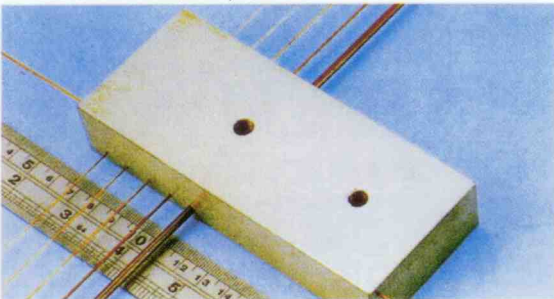
■ Depth: diameter=200:1



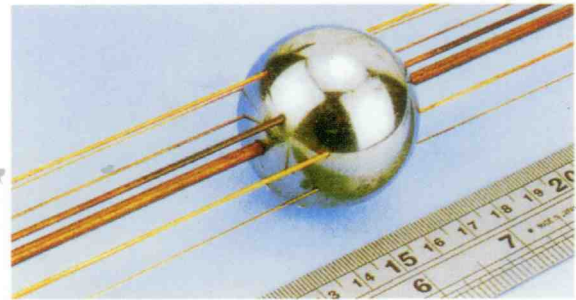
② METAL : SUS420J₂ 200mm WEAR:65%
ELECTRODE: BS, $\phi 1.0$



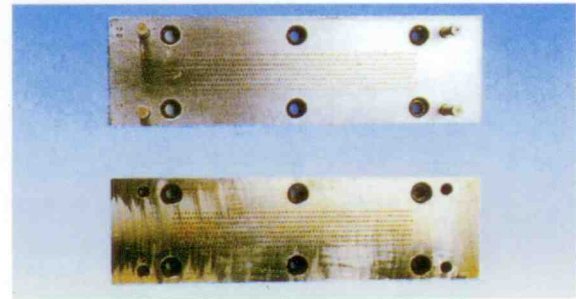
③ METAL : SKD11, 100mm WEAR:110% : 70%
ELECTRODE: $\phi 0.5$, $\phi 1.0$



④ METAL : SKD11, 130mm WEAR:70%
ELECTRODE: BS, $\phi 1.0$



⑤ METAL : SCM4 DIA. 38mm
ELECTRODE: $\phi 0.3 \sim \phi 3.0$



⑥ METAL : SKD11 hardened
HOLE: $\phi 1.05\text{mm}$

