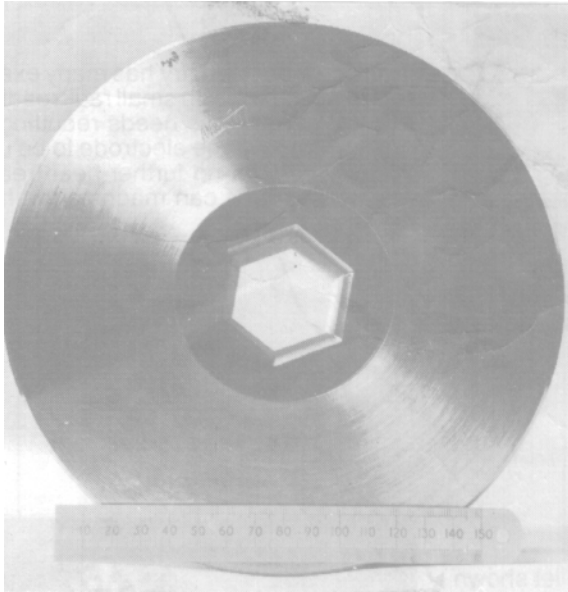


EDM electro discharge machining

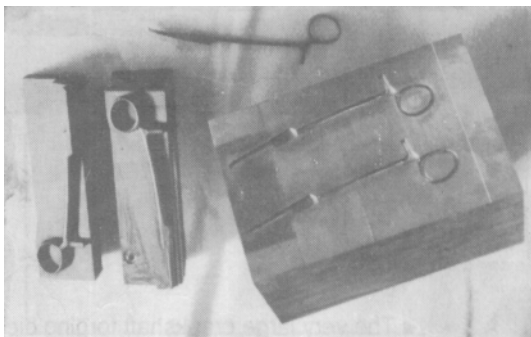
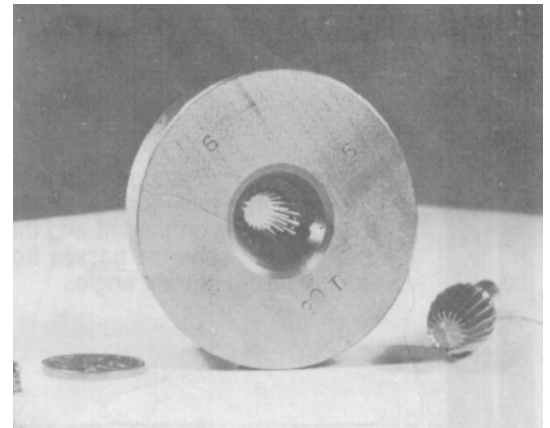
application bulletin



A small tapered bevel gear tool insert produced easily by EDM. The male form electrode is readily produced using conventional gear cutting techniques. Note the 22mm coin used for size comparison.



Male radii and sharp corners are extremely difficult to produce on a die insert, such as this without the use of EDM. The male form EDM electrode is easily produced using a ball nosed end mill and a dividing head on a vertical milling machine.



A twin impression forging die used for the production of surgical instrument scissors. Graphite electrodes can be used many times before recutting is necessary. Copper electrodes can also be produced for making future dies by coining them from the first dies made.

Complicated impressions to a depth with minimum corner radii between the side walls and floor are readily achieved. The electrode tips are produced by wire erosion including the D shaped locating holes. Mounting on 3R system stems ensures alignment between the roughing and finishing electrodes.



ANOTRONIC LTD.™

Unit 3, Hollingdon Depot, Stewkley Road, Soulbury,
Nr. Leighton Buzzard, Beds., LU7 0DF. England.
Telephone +44 (01525) 270261 Fax +44 (01525) 270235

E-Mail sales@anotronic.com

Internet <http://www.anotronic.com>



Anotronic Ltd is a company registered in England & Wales with company number 1658055
Registered at the above address. • VAT number 382-1697-32 • © copyright Anotronic Ltd. 1999-2013

AN16

