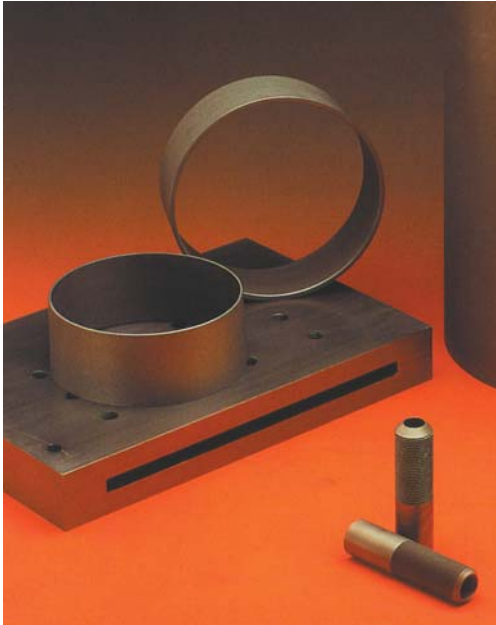


MECHANICAL CARBON

continuous casting



Morgan Industrial Carbon supply graphite dies used for the continuous casting of ferrous and non-ferrous metals.

The process of continuous casting essentially is that of pouring molten metal into a graphite die, which is water-cooled. The metal then solidifies and is withdrawn from the die by means of take off rollers.

This process offers the advantage of non-stop production and also ensures optimum material quality. When continuous casting with the die adjoining the melting chamber, two alternative procedures are possible

- Casting with horizontal installation
- Casting with vertical installation



Advantages of graphite are

- Low surface wetting by molten metals
- High thermal and chemical resistance
- Increasing strength with a rise in temperature
- Good lubricating and frictional properties
- Excellent resistance to temperature change
- High thermal conductivity
- Complicated parts with close tolerances can be machined into required shapes

Working closely with site personnel, Morgan Industrial Carbon can recommend the correct material for your application.

Call **Morgan Industrial Carbon** for all requirements.....

