

DIECASTING DIE PARTS



Protect your main insert core

Recently, medium and large die casting die main insert often to use. "LINER" that protects the water hole of main insert from rust and leakage from cracks in the insert.

It is really popular and we start to stock material. We have 3 choices of Material.

Each thermal conductivity is different.

● CU	Thermal Conductivity	389.773 (W/m·K)	STOCK ~φ50
● Brass	Thermal Conductivity	121.542 (W/m·K)	STOCK ~φ40
● SUS303	Thermal Conductivity	16.345 (W/m·K)	STOCK ~φ33

We would like to propose base thickness of liner are 1.0mm.

Sometimes problems are caused by too thin a liner, and some time the coolant effect is diminished if the liner is too thick. Please check the thermal conductivity and material for your die. We can produce liners with a max head diameter as shown above.



COOLING TUBES



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Feature

Recently, there has been an upsurge in the use of cooling tubes in die casting dies. The cooling of dies is very popular now and increases year by year. Dynamo now produces many types of cooling tubes. The material is normally stainless, but can be produced in other materials. As you know, we produce over 30,000 pcs custom made core pins per month. We will use this technology and brazing process to make cooling tubes. The brazing process uses a system developed by Dynamo. This brazing system is automated. It will eliminate leaks and provide good cost performance.



Brazing System



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