



New Thinking Mould

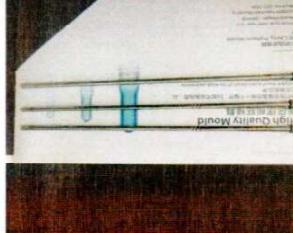
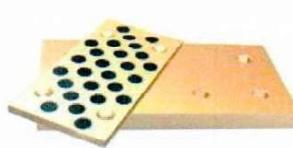
3: NEW THINKING MAJOR MOLD PARTS DETAIL

Item	Picture	Description
Mold base	A large rectangular metal plate with multiple circular holes and a grid pattern of small holes, used as the base for the mold.	4Cr13H Stainless Steel plating HRC32-38
Core	A set of cylindrical and tapered metal parts used to define the internal shape of the mold cavity.	S136 stainless steel HRC45-52 High glossy surface polishing Mold life longer Preform shining
Cavity	A collection of various metal parts including a cylindrical sleeve, a ribbed ring, and several smaller components used to form the mold cavity.	S136 stainless steel HRC45-52 Special cooling system with better cooling for preform
Neck ring	A set of metal parts including a cylindrical sleeve and a ribbed ring, used to form the neck of the mold.	S136 stainless steel HRC45-52 Special cooling system Special air vent design
Nozzle tip	A group of small, precision-machined metal tips used to control the flow of molten plastic into the mold cavity.	PCT USA same with Husky
Nozzle Housing	A metal plate with several nozzles attached, used to support and protect the nozzle tips.	H13 HRC 42-48
Insulation pad	A set of small, brown, circular insulating pads used to prevent heat transfer between different parts of the mold.	USA PCT same with Husky

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Nozzle heater		HOTSET GERMANY Waterproof,longer service life
thermocouple		Stable working for long time Accuracy temperature control
Piston seal		High temperature resistant Prevent air leakage ,warranty the valve pin close and open synchronicity
Valve pin		PUNCH JAPAN
Graphite brass plate		brass graphite plate is inserted under slide plate,better lubrication and wear resistance

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4.Spare parts for 48cavity

Item	48cavity mold
Core	6pcs
Cavity	6pcs
Neck ring	6pcs
Nozzle tip	6pcs
Insulation pad	6pcs
Valve Pin	6pcs
Temperature controller meter	2pcs
Modular	2pcs
O RING FOR CORE	Full complete set
O RING FOR CAVITY	
O RING FOR NECK	



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