

DEEP HOLE DRILLING MACHINE

Introduction:

Deep hole drilling machine is specifically designed for creating precise, deep holes for cylinder-shaped workpiece. These machines typically features specialized drill bits, such as gun drills, BTA tools, or ejection drills, which are designed to handle deep drilling and allowing for efficient chip removal and high-quality surface finishes. Depending on the machine configuration and tooling the drilling diameters generally ranges from 30 mm to 120 mm.

The drilling diameter of medium diameter BTA deep hole drilling machine can range between 30 mm to 120 mm.

Description	Parameters			
	TSK2116 / TSK2216	TSK2120 / TSK2220	TSK2136 / TSK2236	TSK2150 / TSK2250
Drilling Diameter Range (mm)	ø30mm - ø80mm			ø40mm - ø120mm
Boring diameter range (mm)		ø40mm - ø200mm	ø40mm - ø360mm	ø120mm - ø500mm
Drilling/Boring Range (mm)	1000 - 6000mm	1000 - 1200mm		1000 - 15000mm
Workpiece OD range (mm)	ø50mm - ø200mm	ø60mm - ø300mm	ø100mm - ø450mm	ø300mm - ø6500mm
Center height (mm)	400mm	500mm	500mm	625mm
Spindle bore hole (mm)	ø75mm			ø130mm
Spindle front taper hole (mm)	ø85 1:20			
Speed range (r/min)	61 - 1250	61 - 1000	40 - 500	3.15 - 315
Speed range stepless (mm/min)	50 - 1000			5 - 500
Rapid speed stepless (mm/min)	1500			1500
Main motor power (KW)	15	30	30	45
Hydraulic system motor power (Kw)	1.5	1.5	1.5	15
Oil pressure motor (Kw)	4.3	4.3	4.3	5.5
Infeed motor (Kw)	4.3	4.3	4.3	5.5

Coolant pump motor (Kw)	5.5*3	5.5*4	5.5*4	7.5*3
Max. pressure (Mpa)	2.5	2.5	2.5	2.5
Max. flow (L/min)	300	400	600	900

TWIN HOLE



