

MS32B Technical Specification

Drilling Dia. (Steel)	mm	32
Max. Tapping Dia.	mm	32
Max. Drilling Depth	mm	200
No. of Spindle Speeds		15
Spindle Speed Range	r.p.m	56 – 2240
Spindle Torque	Kg-cm	800
Spindle Taper	Morse No.	4
No. of Feed		4
Feed rate Range	mm/rev.	0.11 – 0.45
Power of Motor (3PH)	Kw	2.2
Speed of Motor	r.p.m	1440
Vertical Travel of Headstock	mm	350
Base Surface Dimensions	mm	420 x 420
Base Dimensions	mm	530 x 780
Horizontal Surface Clamping	mm	316 x 400
Vertical Surface Clamping	mm	200 x 510
Distance Between Spindle Center to Column	mm	305
Distance Between Spindle Nose to Table	mm	0 - 625
Max. Distance Between Spindle Nose to Base	mm	1150
Min. Distance Between Spindle Nose to Base	mm	800
Coolant Pump	Kw - rpm	0.09 - 3000
Lubrication System		Automatic
Machine Dimension	mm	600 x 1050 x 2140
Packing Dimension	mm	700 x 1300 x 2300
Total Weight	Kg	645

Pillar drilling model MS32B

This machine is capable of machining all usual metals, including: drilling, reaming, tapping, and sinking. Its specification such as strength, power, speeds and feeds are designed to fulfill a wide range your production needs.

This machine can be used both for single part and mass production.

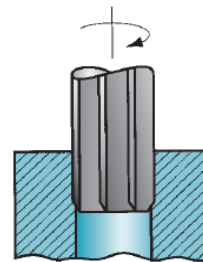


□ Drilling is a metal cutting process carried out by a rotating cutting tool to make circular holes in solid materials.

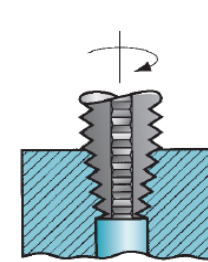
□ Tool which makes hole is called as drill bit or twist drill.

□ Drilling machine

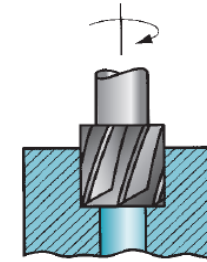
A power operated machine tool which holds the drill in its spindle rotating at high speeds and when actuated move linearly against the work piece produces a hole



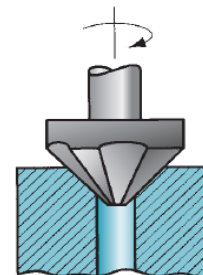
1. Reaming



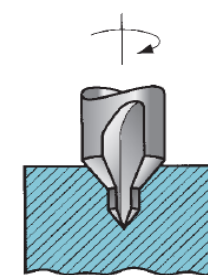
2. Tapping



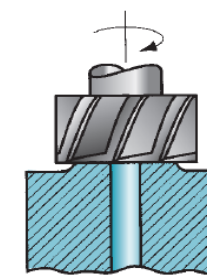
3. Counterboring



4. Countersinking



5. Center drilling



6. Spot facing