

1021-0080...0250,1021 (FB/F12) SERIES SEMI-UNIVERSAL DIVIDING HEAD



Type 1021 (FB/F12), the semi-universal dividing head, is one of the most important attachment for milling machine. With the help of this dividing head, the workpiece can be carried out direct indexing and simple indexing, or rotate to any angle as desired and the periphery of a workpiece can be divided into any divisions of equal parts and etc.

Main specifications

Specifications	Items	1021-0080 (FB80)	1021-0100 (F12100)	1021-0125 (F12125)	1020-0160 (F12160)	1021-0200 (F12200)	1021-0250 (F12250)
Center height mm		80	100	125	160	200	250
Swivel angle of spindle from it horizontal position (upward)		≅ 90°	≅ 95°	≅ 95°	≅ 95°	≅ 95°	≅ 95°
Horizontal position (downward)		≅ 6°	≅ 5°	≅ 5°	≅ 5°	≅ 5°	≅ 5°
Rotating angle of spindle for one complete revolution of dividing handle		9° (540grad., 1'each)	9° (540grad., 1'each)	9° (540grad., 1'each)	9° (540grad., 1'each)	9° (540grad., 1'each)	9° (540grad., 1'each)
Minimum value of vernier		10"	10"	10"	10"	10"	10"
Worm gear ratio		1:40	1:40	1:40	1:40	1:40	1:40
Taper of spindle bore		MT3	MT3	MT4	MT4	MT5	MT5
Width of the locating key mm		14	14	18	18	22	22
Diameter of short taper of spindlenose for mousing flange mm		φ 36.541	φ 41.275	φ 53.975	φ 53.975	φ 82.563	φ 82.563
Hole numbers on index plate	A Plate	24,25,28,30,34,37,38,39,41,42,43					
	B Plate	46,47,49,51,53,54,57,58,59,62,66					
Individual indexing error of the spindle for one complete revolution of dividing handle		60"	±45"	±45"	±45"	±45"	±45"
Cumulate error at any 1/4 periphery of spindle		70"	±1'	±1'	±1'	±1'	±1'
Max. bearing Kg		80	100	130	130	200	200
Net weight Kg		26	57	83.5	100	265	334
Gross weight Kg		32	69	96	114	319	385
Case dimensions mm		480X360X219	610X459X255	536X460X310	710X505X342	1015X740X530	1055X740X530