



MBK - V

Adjustable multi spindle drilling heads

MBK-V adjustable multi spindle drilling heads.

"Eccentric Drilling" for small-to-medium batches (regular hole patterns).

Drilling heads fit any drive unit.

They are delivered with 2,3 or 4 spindles - with a maximum drilling capacity of 23 mm into steel.

The MBK-V series characterized by:

- compact design
- sturdy construction
- small spindle centers
- wide adjustment range

On this drilling heads each spindle is continuously adjustable by an eccentric disk.

The adjustable heads are predominantly used for regular hole patterns.

Because of the serial-production and the possibility of using the whole adjusting range without any further accessories, this is the cheapest solution of multi-spindle drilling.

The mounting to an existing machine is realized by a clamping or flange adapter.

The adapter parts will be manufactured by BORMASTER.

2 Spindles



3 Spindles



3 Spindles in line



4 Spindles



Type MBK	max. drilling perform. in steel ST 50		adjustment range		gear transmission ratio input : output	max. rpm	tool clamping	
	drilling	thread	min. mm	max. mm				
V-402		4	M 3	11	83	1 : 2	5000	A
6V2		6	M 5	14	64	1 : 1	5000	B1 , B2, B3
V-602*		6	M 5	18	110	1 : 1	4000	
V-602E		6	M 5	40	132	1 : 1	4000	
V-802*		8	M 6	22	122	1 : 1	4000	C1, C2, C3
V-802E		8	M 6	47	147	1 : 1	4000	
V-1002		10	M 8	21	120	1 : 1	4000	E3
V-1302		13	M 10	32	144	1 : 1	2500	D1, D2, D3
V-1302E		13	M 10	62	174	1 : 1	2500	
V-1302S		13	M 10	88	200	1 : 1	2500	D1, D2, D3
V-1402*		13	M 10	32	144	1 : 1	2500	G1 E4 H1 H2 F2
V-1402E		13	M 10	62	174	1 : 1	2500	
V-1402S		13	M 10	88	200	1 : 1	2500	
V-1802		18	M 14	40	168	1 : 1	1500	G1 E4 H1 H2 H3 H4 F2
V-1802E		18	M 14	76	204	1 : 1	1500	
V-2302*		23	M 18	50	214	1 : 1	1500	G4 H1 , H2 H3 , H4
V-2302E		23	M 18	97,4	262,6	1 : 1	1500	
6V3		6	M 5	21	71	1 : 1	5000	B1 , B2, B3
V-603*		6	M 5	30	122	1 : 1	4000	
V-803*		8	M 6	33	133	1 : 1	4000	C1, C2, C3
V-1303*		13	M 10	47	159	1 : 1	2500	D1, D2, D3
V-1403*		13	M 10	47	159	1 : 1	2500	G1 E4 H1,H2 F2
V-1803		18	M 14	56	184	1 : 1	1500	G3 E4 H1,H2,H3,H4 F3
V-2303*		23	M 18	67,4	232,6	1 : 1	1500	G4 H1,H2,H3,H4
6 VR3		6	M 5	17	42,2	1 : 1	5000	B1 , B2, B3
VR-603		6	M 5	20	66	1 : 1	4000	
VR-803		8	M 6	23,5	73,5	1 : 1	4000	C1, C2, C3
VR-1303		13	M 10	31	87	1 : 1	2500	D1, D2, D3
VR-1403		13	M 10	31	87	1 : 1	2500	G1 E4 H1,H2 F2
VR-1803		18	M 14	38	102	1 : 1	1500	G3 E4 H1,H2,H3,H4 F3
VR-2303		23	M 18	48,7	131,3	1 : 1	1500	G4 H1,H2,H3,H4
6V4		6	M 5	30	80	1 : 1	5000	B1 , B2, B3
V-604 G*		6	M 5	46	138	1 : 1	4000	
V-804		8	M 6	52	152	1 : 1	4000	C1, C2, C3
V-1304 G*		13	M 10	67	179	1 : 1	2500	D1, D2, D3
V-1404 G*		13	M 10	67	179	1 : 1	2500	G1 E4 H1,H2 F2
V-1804		18	M 14	83	211	1 : 1	1500	G3 E4 H1,H2,H3,H4 F3
V-2304*		23	M 18	103,4	268,6	1 : 1	1500	G4 H1,H2,H3,H4

Subject to change without prior notice.

*) Setting scales are optional for those drilling heads available.

...On the hole circle Ø
 ...Middle spindle to outer spindle

