

Wedge Type Big Bore Chucks



Manufactured from high-grade alloy steel, all the sliding surfaces of this chuck are hardened and ground for accurate running and long service. Standard hard jaws and soft jaws are provided for chucking the special components.

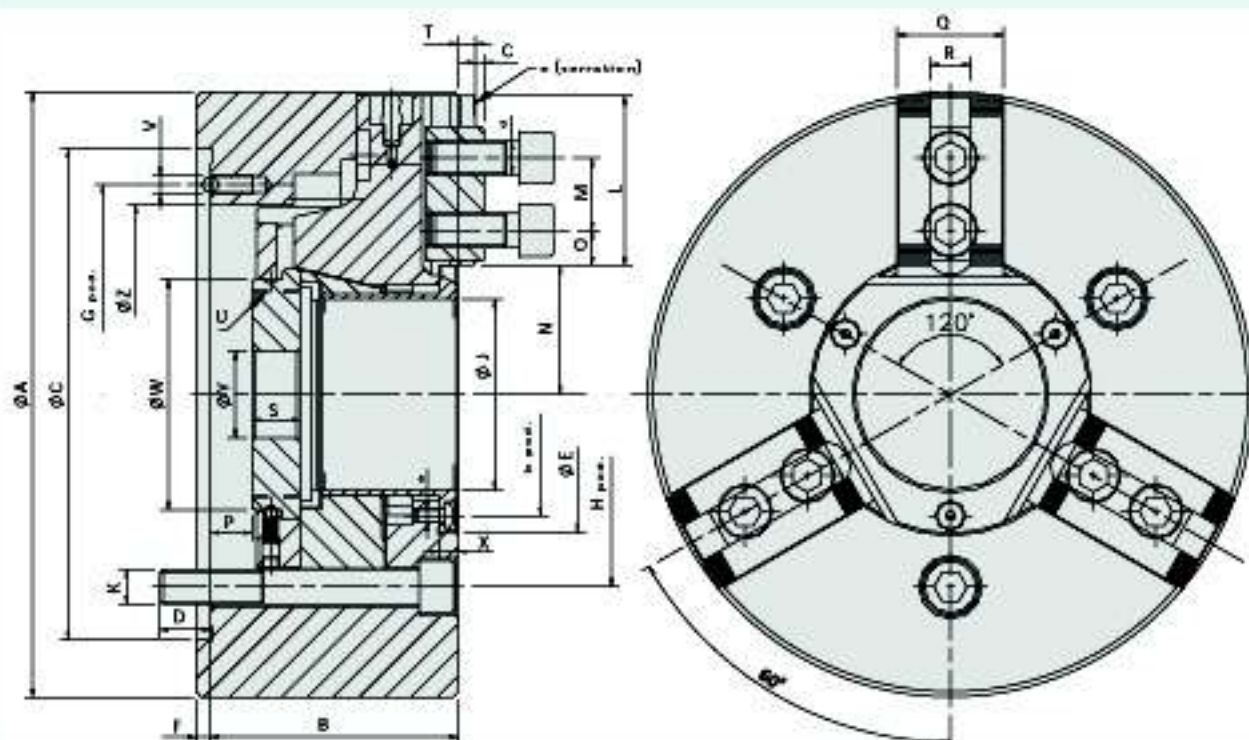
The Wedge design of the chuck has a selflocking feature, that prevents accidents and it does not loose its gripping power even at cutting loads. Each base jaw is provided with a lubricating nipple to ensure long and trouble free life.

Not only are these chucks compact, rigid and light in weight, but they also offer a powerful grip along with high repeatability. They are ideal for high speed chucking, bar chucking, universal machining and especially suitable for CNC machines.

These chucks are activated by rear mounted hydraulic or pneumatic cylinders via the draw bar passing through the spindle bore. Since it is important that the cylinder should provide the correct operating force to match the chuck, the supply of line pressure to the cylinder should be adjusted accordingly.

These WBB model chucks are having 15% extra large bore than standard WH model chucks.

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Dimensions

MODEL	165 WBB	200 WBB	250 WBB	260 WBB	320 WBB	350 WBB	400 WBB
A	170	210	254	280	320	350	400
B	76	86	95	95	104	104	127
C (H6)	140	170	220	250	260	300	300
D	16	17	21	23	24	24	30
E (H7)	77.5	96	115	142	165	175	172
F	5	5	5	5	6	6	6
G	116	150	190	220	225	260	260
H	104.8	133.35	171.45	210	220	250	235
J (H7)	52	66	78	105	120	130	130
K	3xM10	3xM12	3xM16	6xM16	6xM16	6xM16	6xM20
L	45	58.5	72	72	83	93	108
M	20	25	30	30	30	30	43
N (Max)	35.5	45.7	55	74	77.4	82.4	88.4
N (Min)	32.75	42	50.6	65	72.1	77.1	83.1
O (Max)	21.25	21	28	28	30	36	45
O (Min)	10.75	10.5	11	11	12	12	17
P (Max)	11	14.5	2	23	12	12	11
P (Min)	-1	-1.5	-17	3	-11	-11	-12
Q	32	37	40	40	50	50	62
R (H6)	12	14	16	16	18	18	24
S	17.5	16.5	30	30	30	30	33
T	2.5	6	4.5	5	5	5	5
U (Max)	M60x1.5P	M72x1.5P	M88x2P	M115x2P	M130x2P	M140x2P	M140x2P
V	3xM6	6xM6	6xM8	6xM8	6xM8	6xM8	6xM10
W	66	80	96	123	138	148	150
X	5	7	8	8	9	9	12.5
Y	20	30	45	50	50	50	80
Z	105	131.5	150	177	195	205	220
a	3xM5	3xM5	3xM6	3xM6	3xM6	3xM6	6xM6
b	66	84	100	127	150	160	156
c	2.5	3	3	3	3	3	6
d	6xM10	6xM12	6xM12	6xM12	6xM14	6xM14	6xM20
e	1/16"x90"	1/16"x90"	1/16"x90"	1/16"x90"	1/16"x90"	1/16"x90"	1/16"x90"

Specifications

MODEL	165 WBB	200 WBB	250 WBB	260 WBB	320 WBB	350 WBB	400 WBB
Open end dia. H7	mm.	52	66	78	105	120	130
Jaw Stroke dia	mm.	5.5	7.4	8.8	9	10.6	10.6
Plunger Stroke	mm.	12	16	19	20	23	23
Max. Draw Bar Pull	kgf.	2000	3100	3800	3800	4900	7100
Max. Gripping force	kgf.	5500	8350	11000	11000	14300	18000
Max. Speed	rpm.	5000	5000	4200	4200	3300	2500
Weights Without Jaws	kg.	11	22	39	38	56	105

Note: The information set out in this catalogue is subject to any changes made since its publication. Further changes may be made without giving any notice.