

MANUAL CAM OPERATED COVENTRY CONCENTRIC CHUCKS



These concentric chucks, remarkable for their gripping power and adaptability, are designed to deal with all concentric work and every type of irregular work within the capacity of the respective sizes. The advantages offered by these chucks are :

- High ratio of gearing used ensure maximum gripping power
- Strength of the chuck is due to the fact that there are no jaw slots running through the periphery of the chuck. Scrolls and pinions are made of special chrome nickel steel and head-treated. The collar screws holding the sector plates to the body are of hardened steel and take all the bursting stress at the face of the chuck. The solid rim of the chuck body prevents outward movement of the sector plate and the large dowels prevents the angular movement.
- Durability is attained by the use of the highest grade of materials, correct heat treatment and refinements in design.
- Accuracy is based on the hardened and ground sureface of the scroll and sliding shoes operating the jaw carriers. Accurate location of jaws on the jaw carriers is assured by precision machining of the serration on mating surefaces.

by removing the jaws, the chuck body can also be used as a faceplate.

Dimensions

Chuck size	A	B(H6)	C	D	E	F	H	J ^R	K	L	M	Net weight
6 INCHES - 2JAW. (152mm)	6	5 1/4	1 5/16	3/16	2 5/16	2 9/16	3/16	2 11/32	3 x 3/8 BSW	29/32	1/2	5.5kg
6 INCHES - 3JAW. (152mm)	6	5 1/4	1 5/16	3/16	2 5/16	2 9/16	3/16	2 11/32	3 x 3/8 BSW	29/32	1/2	6kg
7 1/2 INCHES - 3JAW. (190mm)	7 1/2	5 1/4	1 11/16	3/16	2 21/64	3 1/8	3/16	2 11/32	3 x 3/8 BSW	1 7/16	1/2	11kg
9 INCHES - 2JAW. (228mm)	9 1/2	7 1/2	2 9/16	5/16	3 5/16	4 1/16	5/32	3 1/8	3 x 1/2 BSW	1 9/16	5/8	22.5kg

9 INCHES - 3JAW. (228mm)	9 1/2	7 1/2	2 9/16	5/16	3 5/16	4 5/16	5/32	3 1/8	3 x 1/2 BSW	1 9/16	5/8	23.6kg
12 INCHES - 2,3&4JAW.(305mm)	12 1/2	7 1/2	3 3/4	1/2	3 7/16	5 3/8	3/16	3 1/8	3 x 1/2 BSW	2 1/4	7/8	42.6kg
15 INCHES - 3JAW. (380mm)	15	10	4 3/4	3/4	4 9/64	6 3/4	1/4	4	4 x 3/4 BSW	4 3/4	2 13/16	75kg
18 INCHES - 3JAW. (457mm)	18 3/4	14 1/4	5 1/2	3/4	5 9/16	8 1/8	1/4	6 1/16	6 x 7/8 BSW	3 3/8	1 3/8	127kg
25 INCHES - 3JAW. (635mm)	25	14 1/4	7 5/16	7/8	5 1/4	10 3/4	1/4	6 1/16	6 x 7/8 BSW	4 3/16	2 1/8	251kg
32 INCHES - 3JAW. (813mm)	32	14 1/4	8 3/4	1 1/4	7 21/64	13 1/8	5/16	6 1/16	6 x 7/8 BSW	6 1/8	2 5/8	-
200MM- 3 JAW	210	170	52	6	80	90	4	75	3 x M10	32	25	13kg
250MM- 3 JAW	250	190.5	64	8	86.5	108	4	79	3 x 1/2 BSW	40	16	26kg

