

## Eccentric Compensating Power Chuck



These eccentric chucks have been designed to hold work piece in between centers having eccentricity or irregularity. These compensating chucks provide total solution to any chucking problem that requires the jaw movement to be compensated to match the eccentricity or irregularity of the work piece.

These chucks are offered with a centering insert with spring-loaded and a solid centre as a standard feature. A centering insert with fixed centre can also be supplied on request. The insert can be changed from one type to another quickly and easily. It is possible to adjust the centering inserts to run concentric by a set of screws. While, one set of soft jaws and one set of hard jaws are supplied as standard equipment, and special hard jaws to suit specific applications can also be supplied on request.

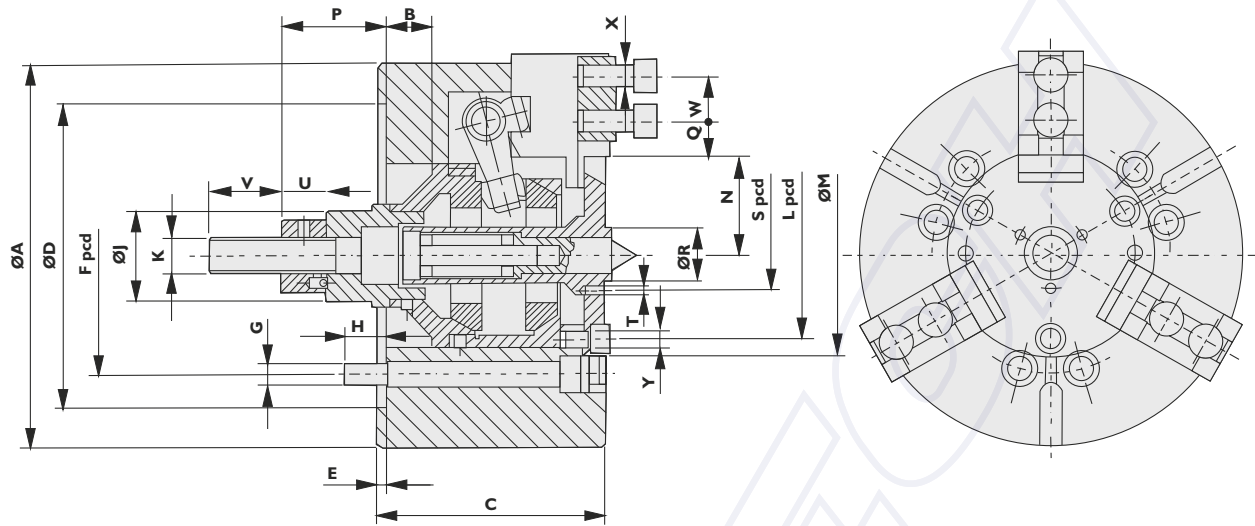
These chucks are actuated either by Air Cylinder (AC) or Hydraulic Cylinder (HCHSA).

### Salient features

- All wearing parts like taper wedge are made of steel, hardened and ground.
- Inter changeable centering inserts with spring loaded centre.
- Compensation base jaws are lubricated at the base.
- High gripping force.



# Eccentric Compensating Power Chuck



Dimensions

Model	160CC	200CC	250CC	315CC	350CC
A	170	215	250	315	350
B	15	25	25	25	30
C	99	127	131.5	155	188
D (H6)	140	170	220	300	320
E	4	5	5	6	6
F	104.8	133.35	171.45	235	235
G	3 x M10	6 x M12	6 x M16	6 x M20	6 x M20
H	20	23	31.5	26	25
J	35	50	50	60	60
K	M16	M20	M20	M24	M24
L	74	95	100	126	170
M	86	115	120	150	191
N (Max.)	42.5	55	56.5	71.5	98
N (Min.)	37.5	45	46.5	62	83
P (Max.)	65.5	83.5	99	147	117
P (Min.)	50.5	58.5	74	122	87
Q (Max.)	17.5	21.5	32.5	49	45
Q (Min.)	8.5	10.5	11.5	14	13
R	25	30	40	45	50
S	38	40	50	55	60
T	3 x M5	3 x M5	3 x M5	6 x M5	3 x M5
U	23	25	26	32	32
V	37	45	46	49	50
W	20	25	30	30	30
X	M10	M12	M12	M14	M16
Y	3 x M6	3 x M10	6 x M8	6 x M10	6 x M10

Specifications

Model		160 CC	200 CC	250 CC	315 CC	350 CC
Jaw stroke	mm	5	10	10	9.5	13
Jaw compensation (on dia)	mm	3.5	4	4	4	4
Max. draw bar pull	kgf	2000	3000	3500	3800	4200
Max. Gripping force	kgf	3000	4500	5000	5500	6000
Operating cylinder		105HCHSA	120HCHSA	120HCHSA	120HCHSA	160HCHSA
Max. speed	rpm	3000	2500	1600	1400	1000

Note: Metric serrations on request for base jaw  
 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.