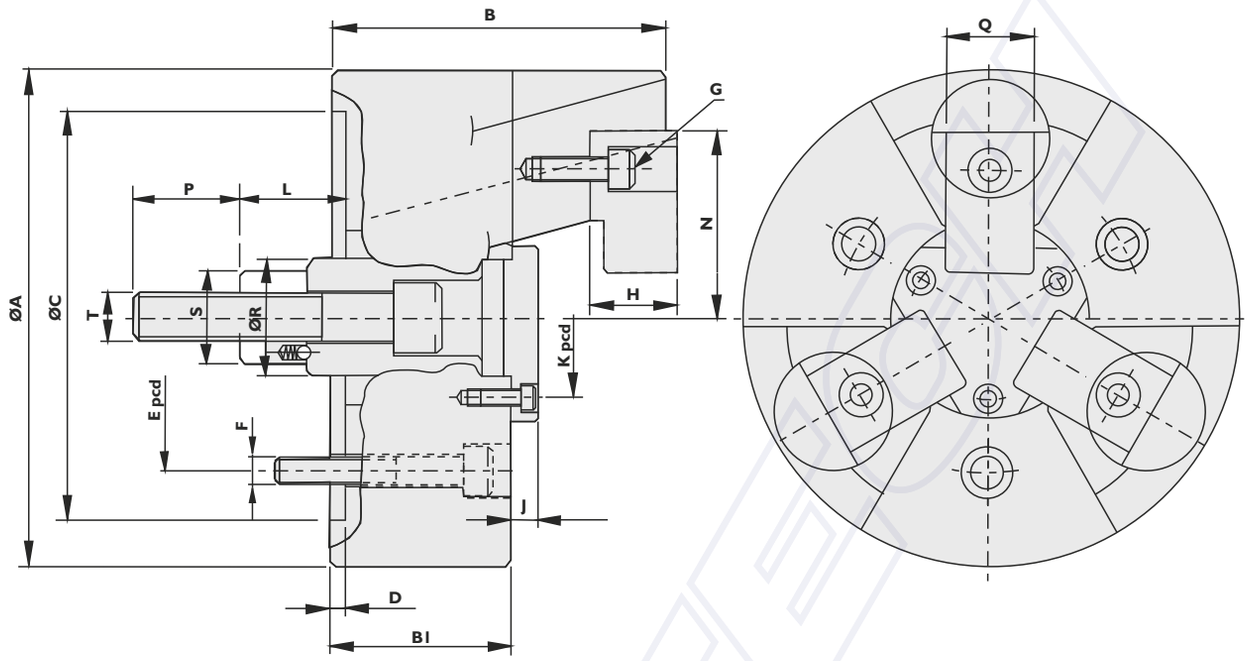
Pull Grip Chucks

These chucks work on the principle of master jaw collets. Their interchangeable collets exert both radial force and axial pull, thus drawing the job against the face of the chuck. They are designed to be stable and maintain accuracy for a very long time. The jaw guides are cylindrical in shape with perfect lapping fit. All these features permit the chucks to operate at very high speeds without any appreciable loss in grip due to centrifugal forces.

The large jaw stroke and easy insertion and removal of jaw inserts make these chucks very versatile. However, like the collet chucks, these chucks are useful only for external gripping.

These chucks are excellent for gear blank turning, bearing race turning, where floor to floor time are measured in seconds.



Dimensions

Model	170PG	220PG	250PG	315PG
A	170	200	254	315
B	115	115	132	132
B1	62	62	82	82
C (H6)	140	170	220	270
D	5	5	6	6
E	104.75	133.35	171.45	235
F	3 x M10	3 x M12	3 x M16	6 x M20
G	M8	M8	M10	M10
H	26	26	30	59
J	9	9	13	13
K	54	75	77	134
L (Min./Max.)	40 / 50	37 / 47	21 / 36	70 / 85
N (Min./Max.)	61 / 63.7	74 / 77	90.8 / 94.8	122.4 / 126.4
P	34	42	38	40
Q	30	30	40	40
R	40	50	60	80
S	32	40	50	50
T	M16	M20	M20	M24

Specifications

Model		170PG	220PG	250PG	315PG
Jaw stroke (dia.)	mm	5.3	5.3	8	8
Plunger stroke	mm	10	10	15	15
Max. gripping force	kgf	5000	7000	9500	8500
Max. speed	rpm	6000	5000	4000	3000
Matching cylinder		105 HCHSA	120 HCHSA	120 HCHSA	120 HCHSA
Weight (approx.)	kg	16	26	50	60

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.