

Power Operated Collet Chucks



Designed as a low cost alternative to Power Chucking Systems, these chucks are used for machining work pieces that cannot be chucked optionally in power operated jaw chucks.

They are ideal for machining parts that are susceptible to deformation or surface damage or components that require high speed machining. They are equipped with a lubrication facility that ensures a long, trouble free life.

These chucks have a selfadjusting ability, which can automatically accommodate small variations in the diameter of the bar throughout its length. Since they operate within a defined axial travel in both directions, major change of stroke control is not required for changing from a lathe chuck to a collet chuck.

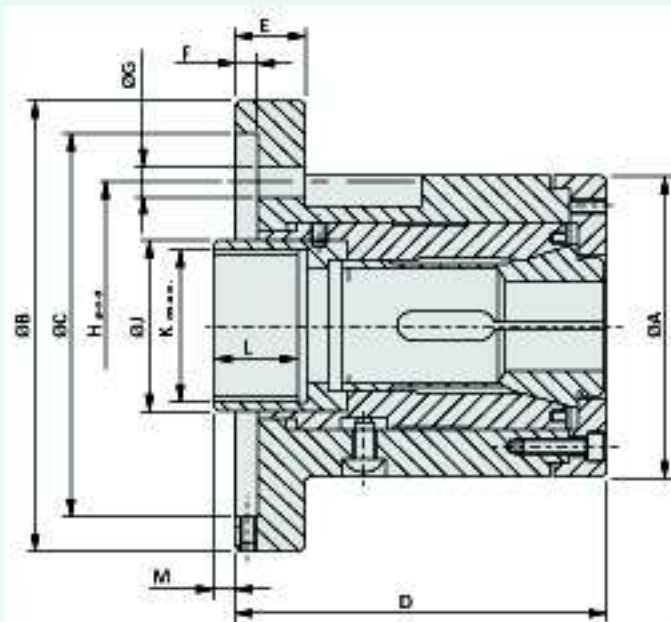
Since there is no end movement of the work piece while gripping, in these dead length collet chucks, the second operation work can be accurately located endwise. They can also be equipped with steel or rubber flex collets, on request.

Manufactured from high-grade alloy steel, all the sliding surfaces of these chucks are hardened and ground for accurate running and long service.

All collet chucks can be supplied with standard cylindrical recess mounting or with short taper mountings. Other spindle mountings are possible with the use of an adaptor plate.

Power Operated Collet Chucks

PCCDLR/PCCDLA

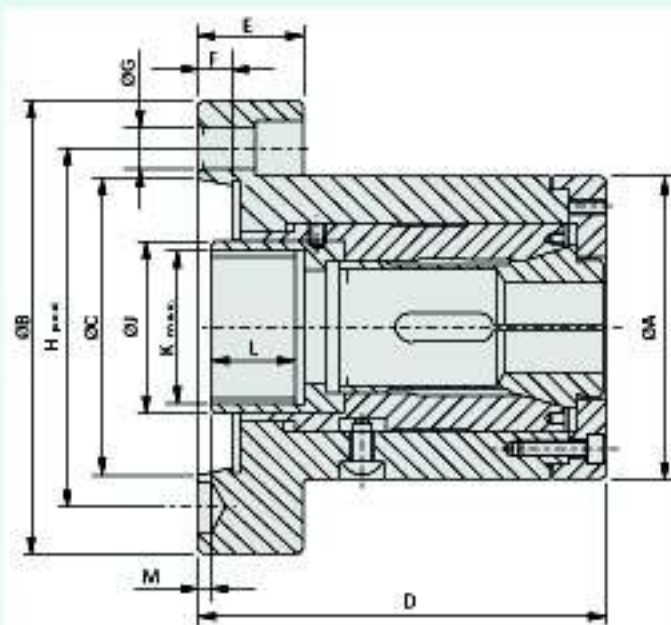


Dimensions

M _{max}	PCCDLR 25	PCCDLR 40	PCCDLR 60
A	95	110	138
B	135	165	185
C (H6)	80	140	170
D	115	133	148
E	20	25	25
F	8	8	8
G	3 × 11	3 × 11	3 × 14
H	104.8	104.8	133.4
J	45	62	80
K	M38 × 1.5P	M55 × 1.5P	M70 × 1.5P
L	25	30	30
M (M _{ax})	7	11	10
M (M _{in})	0	4	3

Specifications

Model		PCCDLR 25	PCCDLR 40	PCCDLR 60
Total stroke	mm	7	7	7
Max. draw bar pull	kgf	2000	2500	3000
Max. speed	rpm	5500	5000	4500
Collet to be used	-	TR-25/TA-25	TR-40/TA-40	TA-60



Dimensions

M _{max}	PCCDLA 25	PCCDLA 40 A2-5	PCCDLA 40 A2-6	PCCDLA 60
A	95	110	110	138
B	135	135	165	165
C	82.563	82.563	106.375	106.375
D	122	143	145	160
E	20	20	30	27
F	12	12	13	13
G	3 × 11	3 × 11	3 × 14	3 × 14
H	104.8	104.8	133.4	133.4
J	45	62	62	80
K	M38 × 1.5P	M55 × 1.5P	M55 × 1.5P	M70 × 1.5P
L	25	30	30	30
M (M _{max})	0	-1	-1	-2
M (M _{min})	-7	-6	-8	-9

Specifications

Model		PCCDLA 25	PCCDLA 40	PCCDLA 60
Test stroke	mm	7	7	7
Max. draw bar pull	kgf	2000	2500	3000
Max. speed	rpm	5500	5000	4500
Control to be used	-	TR-25/TA-25	TR-40/TA-40	TA-60

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