

JPCA

Pull Back Collet Chuck-Axial Stopper

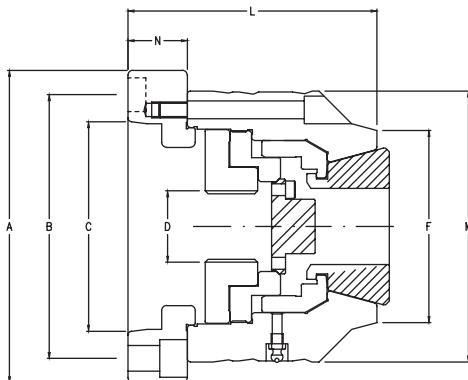


- ▲ Work with rubber collet
- ▲ Parallel Clamp with over 1.5mm range
- ▲ Really fast collet change with wrench
- ▲ Adjustable/Removable stopper, can alter to air blow, sensing device
- ▲ Capable to handle heavy duty work

Introduction

JPCA is a chuck with high-accuracy, heavy clamping force and rigid body. Whole chuck body is made of SUJ2 and harden to HRC60 provide the rigid body that capable to handle the heavy duty working. The parallel clamping promise to clamp the whole length regardless the tolerance of the work piece. Compare to the typical spring collet, rubber collet can be used more wide and stable. JPCA is designed with a stopper in the center, user can decide to use it with any require or take it off to come a through hole chuck.

Dimension and Specification



Rubber Collet



Collet Wrench

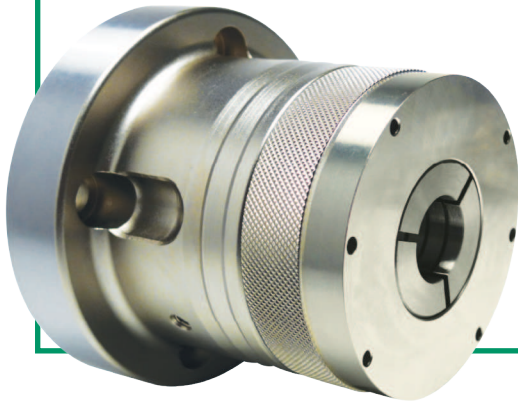


Model	JPCA-42A5	JPCA-42A6	JPCA-65A5	JPCA-65A6
Spindle Nose	A2-5	A2-6	A2-5	A2-6
A	138(5.43")	164(6.46")	138(5.43")	164(6.46")
B	104.8(4.13")	133.4(5.25")	104.8(4.13")	133.4(5.25")
C	82.6(3.25")	106.4(4.19")	82.6(3.25")	106.4(4.19")
D	M55	M55	M72	M72
F	97(3.82")	97(3.82")	119(4.69")	119(4.69")
L	123(4.84")	126(4.96")	138(5.43")	141(5.55")
M	137(5.39")	137(5.39")	164(6.46")	164(6.46")
N	27(1.06")	30(1.18")	27(1.06")	30(1.18")
Mounting Bolts	6H-M10	6H-M12	6H-M10	6H-M12
Collet	SS42 Collet (42BZI)	SS42 Collet (42BZI)	SS65 Collet (65BZI)	SS65 Collet (65BZI)
Collet Wrench	MV3200	MV3200	MV6500	MV6500
Axial Stroke	5.0mm(0.22")	5.0mm(0.22")	5.0mm(0.22")	5.0mm(0.22")
Clamping Range	±0.5mm(±0.02")	±0.5mm(±0.02")	±0.5mm(±0.02")	±0.5mm(±0.02")
Max. Capacity	42mm(1.65")	42mm(1.65")	65mm(2.56")	65mm(2.56")
Max.Axial Force	3200kgf(7040lbf)	3200kgf(7040lbf)	4000kgf(8800lbf)	4000kgf(8800lbf)
Gripping Force	7200kgf(15840lbf)	7200kgf(15840lbf)	7200kgf(20800lbf)	7200kgf(20800lbf)
Max. RPM	6500	6500	5500	5500
Net Weight	9.5kgs(20.9lbs)	10.5kgs(23.1lbs)	14.0kgs(30.8lbs)	15.0kgs(33.0lbs)



CPC

Power Collet Chuck



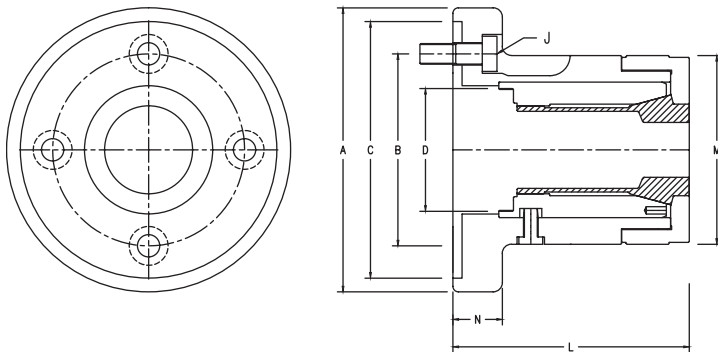
- ▲ Work with push type collet as DIN6343 standard
- ▲ High speed and high rigidity
- ▲ Installation is compatible with through hole power chuck, share flange adaptor as well
- ▲ Most use in turning machine, CNC lathes
- ▲ CPC-44 can alter to expanding mandrel by install expanding kits

Introduction

CPC power collet chuck is most popular collet on CNC lathe, work with DIN 6343 collet also the most popular in every corner in the world. JATO home design C-44 collet can provide even better gripping ratio from 19 degrees of collet angle. CPC-44 can switching from clamping to become expanding by using the expanding kits.

CPC series is fitting the installation size with through-hole 3 jaws chuck; user can share same draw tube and the flange adaptor.

Dimension and Specification

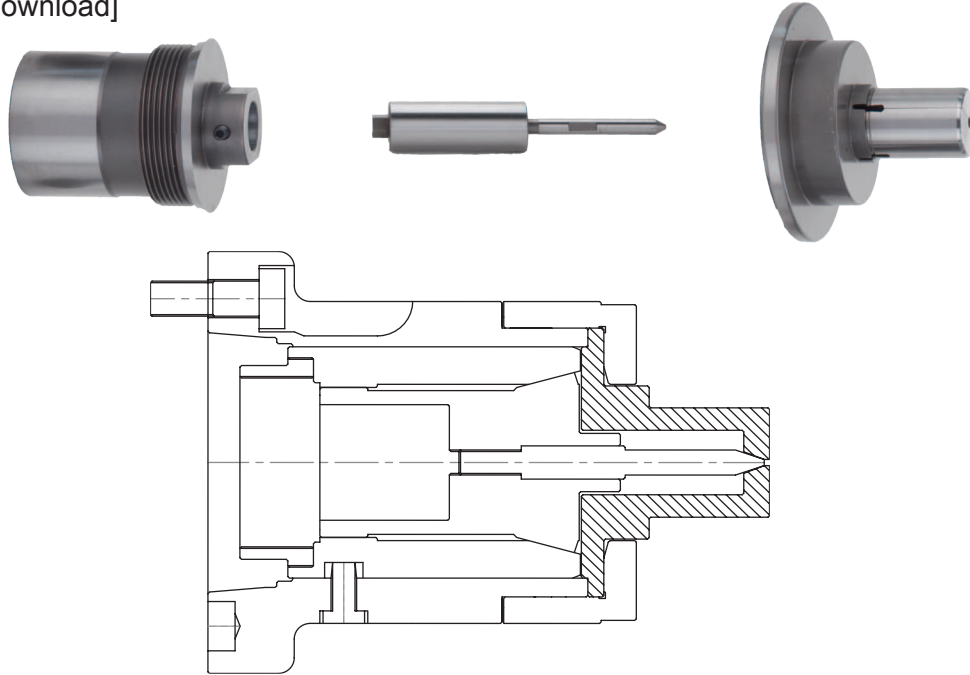


Model	CPC-42Z140	CPC-44Z140(Expandable)	CPC-60Z170	CPC-80Z220
Spindle Nose	Z140mm	Z140mm	Z170mm	Z220mm
Expandable	False	True	False	False
A	155mm(6.10")	155mm(6.10")	186mm(7.32")	236mm(9.30")
B (P.C.D)	104.8mm(4.13")	104.8mm(4.13")	133.4mm(5.25")	171.4mm(6.75")
C	140mm(5.51")	140mm(5.51")	170mm(6.69")	220mm(8.66")
D	M66xP1.5	M66xP1.5	M90xP1.5	M100xP2.0
L	125mm(4.92")	125mm(4.92")	140mm(5.50")	164mm(6.60")
M	104mm(4.09")	104mm(4.09")	134mm(5.28")	167mm(6.57")
N	23mm(0.91")	23mm(0.91")	27mm(1.06")	32mm(1.26")
J	3H-M10	3H-M10	6H-M12	6H-M16
Collet	DIN6343 173E(B42)	C-44 Collet/Expanding Kit	DIN6343 185E(B60)	DIN6343 193E(B80)
Sleeve Piston	4.5mm(0.18")	4.5mm(0.18")	4.5mm(0.18")	4.5mm(0.18")
Max. Capacity	42mm(1.65")	44mm(1.73")	60mm(2.36")	80mm(3.15")
Max. Push Force	2400kgf(5280lbf)	2400kgf(5280lbf)	3000kgf(6600lbf)	3300kgf(7260lbf)
Max. Gripping Force	4200kgf(9240lbf)	4200kgf(9240lbf)	5250kgf(11550lbf)	5775kgf(12705lbf)
Max. RPM	6000	6000	5000	4000
Net Weight	7.0kgs(15.4lbs)	7.0kgs(15.4lbs)	11.5kgs(25.3lbs)	22.5kgs(49.5lbs)
Available Adaptor	A2-4/A2-5/A2-6	A2-4/A2-5/A2-6	A2-5/A2-6/A2-8	A2-6/A2-8/A2-11

CPC-44 Guide for Expanding Method

Standard range of I.D gripping 16~60mm, special order 60-90mm

CPC-44 can work with C-44 collet to gripping O.D purpose; also can be switching to I.D clamping as a mandrel by install the expanding kits. The expanding kit including a push mandrel, a pin, and a C-44I expanding collet, which C-44I collet is make by order. Please join our website to see how to order a C-44I collet in the [Download]



Adaptors Dimension

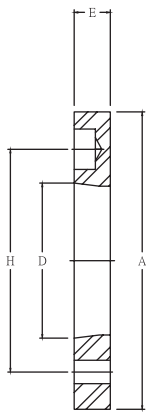


Fig. 1

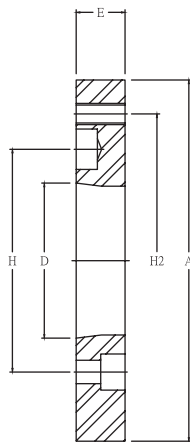


Fig. 2

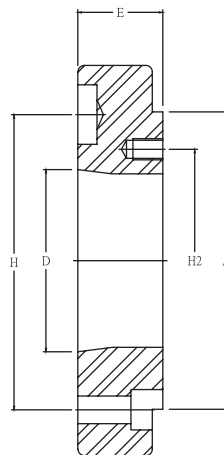


Fig. 3

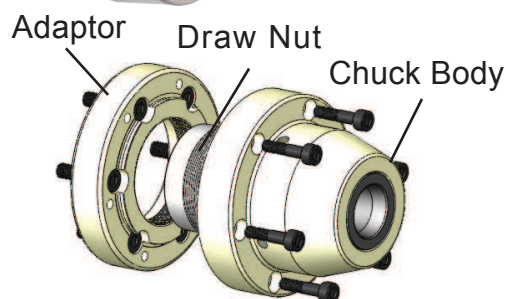
Chuck Model	Spindle Nose D	Figure	A	H	H2	E
CPC-42Z140 CPC-44Z140	A2-4	Fig. 2	140(5.10")	82.6(3.25")	104.8(4.13")	20(0.79")
	A2-5	Fig. 1	140(5.10")	104.8(4.13")	-	15(0.59")
	A2-6	Fig. 3	140(5.10")	133.4(5.25")	104.8(4.13")	40(1.57")
CPC-60Z170	A2-5	Fig. 2	170(6.69")	104.8(4.13")	133.4(5.25")	23(0.91")
	A2-6	Fig. 1	170(6.69")	133.4(5.25")	-	17(0.67")
	A2-8	Fig. 3	170(6.69")	171.4(6.75")	133.4(5.25")	45(1.77")
CPC-80Z220	A2-6	Fig. 2	220(8.66")	133.4(5.25")	171.4(6.75")	28(1.10")
	A2-8	Fig. 1	220(8.66")	171.4(6.75")	-	18(0.71")
	A2-11	Fig. 3	220(8.66")	235(9.25")	171.4(6.75")	54(2.13")



CPD

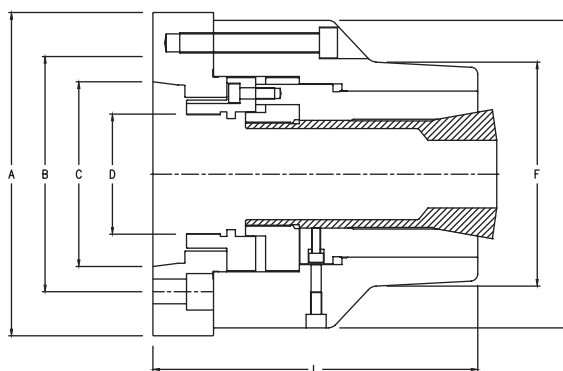
Dead-Length Collet Chuck

- Adops 5C/ 16C collets
- 5C Collet: max. capacity 26mm
- 16C Collet: max. capacity 40mm



JATO offers a blank drawnut when shipping the chuck. Customers could thread the drawnut according to the drawtube of the machine

CPD Collet Chuck Dimension



Model	CPD-5CA5	CPD-5CA6	CPD-16CA5	CPD-16CA6
Spindle Nose	A2-5	A2-6	A2-5	A2-6
A	138(5.43")	158(6.22")	138(5.43")	158(6.22")
B (P.C.D.)	104.8(4.13")	133.4(5.25")	104.8(4.13")	133.4(5.25")
C	82.6(3.25")	106.4(4.19")	82.6(3.25")	106.4(4.19")
D (for Drawtube)	M73xP1.5	M73xP1.5	M91xP1.5	M91xP1.5
E	100(3.94")	100(3.94")	138(5.43")	138(5.43")
F	78(3.07")	78(3.07")	90(3.54")	90(3.54")
L	123(4.84")	125(4.92")	145(5.71")	148(5.83")
Mounting Bolts	6H-M10	6H-M12	6H-M10	6H-M12
Collet	5C Collet	5C Collet	16C Collet	16C Collet
Ref. Cylinder	JAL636	JAL636	JA362	JA362
Max. Pull Force	1800kgf (3900lbf)	1800kgf (3900lbf)	2300kgf (5060lbf)	2300kgf (5060lbf)
Max. RPM	6000	6000	5000	5000
Net Weight	8.0kgs	9.0kgs	10.0kgs	12.0kgs

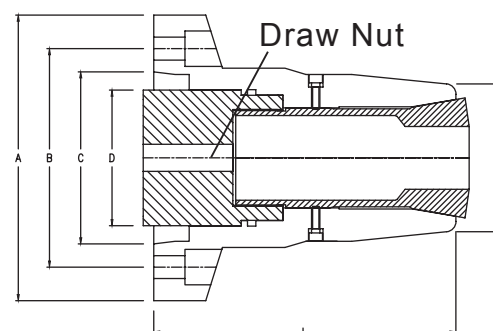
CPB

Pull Back Collet Chuck

- Adops 5C/ 16C collets
- 5C Collet: max. capacity 26mm
- 16C Collet: max. capacity 40mm
- Pull back design. High accuracy



CPB Collet Chuck Dimension



Model	CPB-5CA5	CPB-5CA6	CPB-16CA5	CPB-16CA6
Spindle Nose	A2-5	A2-6	A2-5	A2-6
A	137(5.39")	166(6.54")	137(5.39")	166(6.54")
B (P.C.D.)	104.8(4.13")	133.4(5.25")	104.8(4.13")	133.4(5.25")
C	82.6(3.25")	106.4(4.19")	82.6(3.25")	106.4(4.19")
D(for Drawtube)	Max. M58	Max. M65	Max. M58	Max. M65
F	60(2.36")	60(2.36")	80(3.15")	80(3.15")
L	122(4.80")	122(4.80")	145(5.71")	145(5.71")
Mounting Bolts	3H-M10	3H-M12	6H-M10	6H-M12
Collet	5C Collet	5C Collet	16C Collet	16C Collet
Ref. Cylinder	JAL636	JAL636	JA362	JA362
Max. Pull Force	1800kgf (3900lbf)	1800kgf (3900lbf)	2300kgf (5060lbf)	2300kgf (5060lbf)
Max. RPM	6000	6000	5000	5000
Net Weight	5.0kgs	7.5kgs	5.5kgs	10.0kgs