



Atlas Workholding 5C & 16C Dead Length & Pull Back Collet Power Chucks

A Type Mount



5C Collet Chuck



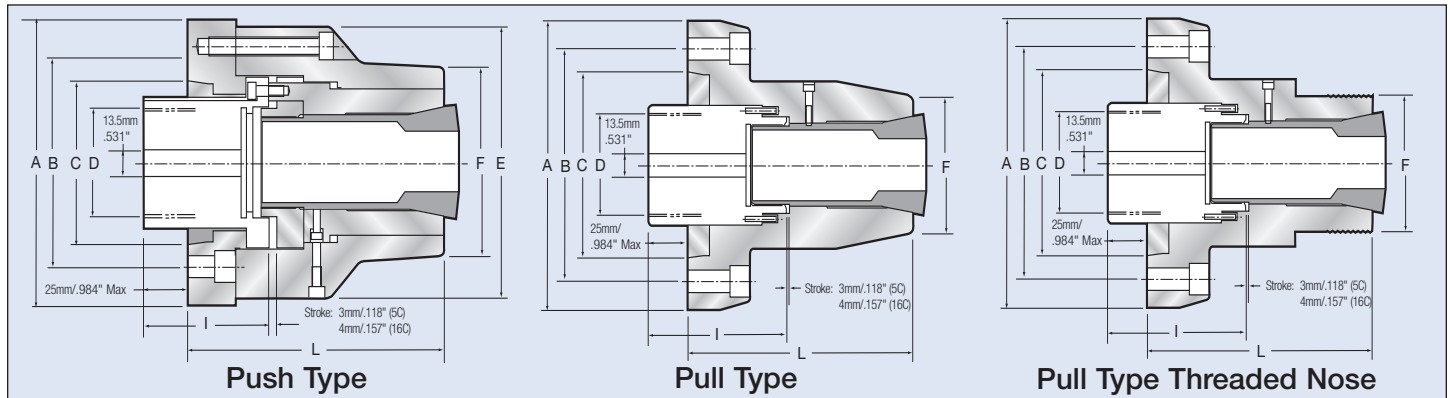
16C Collet Chuck

- ⌚ Short overall length excellent for main or sub-spindle applications.
- ⌚ Chuck accuracy is 0003" TIR from rear mounting register and working collet taper.
- ⌚ High speed up to 6000 rpm ⌚ Body nickel plated for corrosion resistance
- ⌚ Hardened and ground main body and cone
- ⌚ Dead Length feature eliminates part pullback
- ⌚ Straight recess or available with A type mountings. Other mounting types available on request
- ⌚ In second operations work, shoulder components can be stopped against the face of the collet
- ⌚ Both collet types are internally threaded in the rear end to house either a backstop or ejector if required
- ⌚ Drawback Spring Collets achieve the highest possible concentric accuracy
- ⌚ Chuck includes threaded connector to customers specifications

5C & 16C Dead Length

Chuck Type	5C	5C	16C	16C
Spindle Mount	A2-5	A2-6	A2-5	A2-6
A (mm/in)	137/5.393	158/6.220	137/5.393	158/6.220
B (mm/in)	104.8/4.125	133.4/5.252	104.8/4.125	133.4/5.252
C (mm/in)	82.56/3.250	106.38/4.188	82.56/3.250	106.38/4.188
D (mm/in)	Max. M65	Max. M65	Max. M65	Max. M65
E (mm/in)	137/5.393	137/5.393	137/5.393	137/5.393
F (mm/in)	78/3.071	78/3.071	90/3.543	90/3.543
I (mm/in)	68/2.677	68/2.677	68/2.677	68/2.677
L (mm/in)	122/4.803	122/4.803	145/5.708	145/5.708
Maximum Force	1800kaf/3968lbf	1800kaf/3968lbf	2300kaf/5070lbf	2300kaf/5070lbf
Maximum RPM	6000	6000	5000	5000
Chuck Order No.	CPD-5CA5	CPD-5CA6	CPD-16CA5	CPD-16CA6

Uses 5C Collets see page 112-113
or 16C Collets see page 114-115



5C & 16C Pull Back

Chuck Type	5C	5C	5C Threaded	5C Threaded	16C	16C
Spindle Mounting	A2-5	A2-6	A2-5	A2-6	A2-5	A2-6
A (mm/in)	137/5.393	166/6.535	137/5.393	166/6.535	137/5.393	166/6.535
B (mm/in)	104.8/4.125	133.4/5.252	104.8/4.125	133.4/5.252	104.8/4.125	133.4/5.252
C (mm/in)	82.56/3.250	106.38/4.188	82.56/3.250	106.38/4.188	82.56/3.250	106.38/4.188
D (mm/in)	Max. M58	Max. M65	Max. M65	Max. M58	Max. M58	Max. M65
F (mm/in)	70/2.756	70/2.756	55/2.187-10T	55/2.187-10T	76/2.992	80/3.149
I (mm/in)	83/3.267	83/3.267	83/3.267	83/3.267	89/3.504	89/3.504
L (mm/in)	122/4.803	122/4.803	122/4.803	122/4.803	145/5.708	145/5.708
Maximum Force	1800kgf/3968lbf	1800kgf/3968lbf	1800kgf/3968lbf	1800kgf/3968lbf	2300kgf/5070lbf	2300kgf/5070lbf
Maximum RPM	6000	6000	6000	6000	5000	5000
Chuck Order No.	CPB-5CA5	CPB-5CA6	CPB-5CA5-TH	CPB-5CA6-TH	CPB-16CA5	CPB-16CA6

Collet Chucks