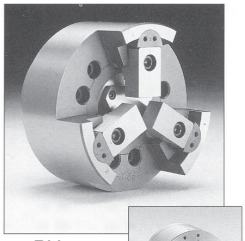
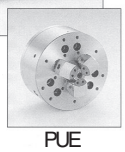

PU200


PUE

KITAGAWA® PU200 & PUE SERIES

HIGH PRECISION PULL BACK CHUCKS

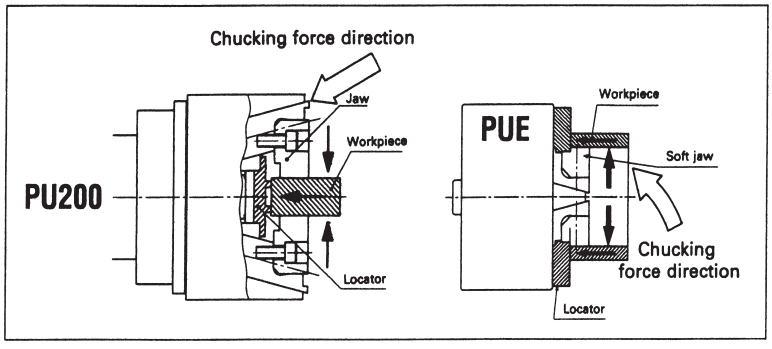
Three-jaw pull lock style power chucks are ideal for finish machining applications. The radial and pull-back features allow high gripping forces component length control as well as high repeatability of 0.0004". OD and ID grip versions are standard.

Special Features:

* High Accuracy for Finish Machining
* Pull Back Feature is Ideal for Castings & Forgings
* Maintains More Gripping Force at High RPMs Compared to Conventional Chucks
* Length Control for Efficient Operation
* OD and ID Grip Versions
* Optional Component Seating Confirmation
* Completely Sealed Against Contamination
* Rigid Jaw Support Design

MODEL	UNIT	PU-205	PU-206	PU-208	PU-210	PU-212	PUE-05	PUE-06
PLUNGER STROKE	IN.	0.157	0.394	0.394	0.394	0.394	0.236	0.394
JAW STROKE (DIA)	IN.	0.078	0.197	0.197	0.197	0.197	0.110	0.189
MAX. DRAW BAR PULL FORCE	LBS.	3,141	4,045	5,620	7,868	7,868	2,921	4,045
MAX. GRIPPING FORCE	LBS.	10,095	13,038	17,985	22,481	22,481	9,436	13,038
MAX. SPEED	RPM	8,000	7,000	6,000	4,500	3,600	7,000	6,000
NET WEIGHT	LBS.	14.5	31	53	93	133.6	17	31
GD2	LBS*FT2	1.9	4.7	12.6	32.0	62.2	1.7	4.0
MATCHING CYLINDER		FG933H	Y1020R	Y1225R	Y1225R	Y1225R	Y1020R(4)	Y1020R
GRIPPING RANGE OD	IN.	0.590-3.307	0.984-3.937	0.984-5.118	1.378-6.229	3.346-8.267	----	----
GRIPPING RANGE ID(1)	IN.	----	----	----	----	----	1.969-2.560	2.756-3.504
GRIPPING RANGE ID(2)	IN.	----	----	----	----	----	2.560-3.150	3.504-4.134
GRIPPING RANGE ID(3)	IN.	----	----	----	----	----	1.142-1.969	1.732-2.756

(1) Standard soft jaw.
(2) Optional soft jaw.
(3) Master jaw.
(4) Special cylinder required for speeds over 6000 rpm.

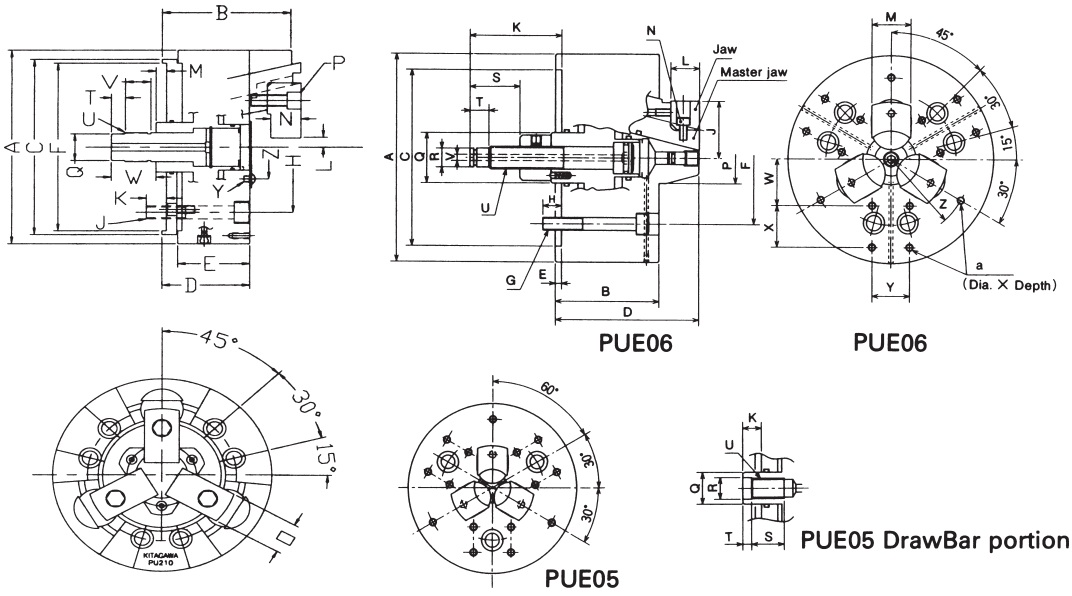


Note: Specifications subject to change without notice due to ongoing research and development.

Model PU200 and PUE Series Chucks are manufactured from high grade alloy steel. All sliding surfaces are hardened and ground to assure consistent accuracy and performance.

Lubrication nipple in body for greasing chuck.

DIMENSIONAL DRAWINGS:



MODEL	PU-205	PU-206	PU-208	PU-210
A	5.315	6.496	8.268	10.000
B	3.405	4.528	5.315	5.906
C	5.315	6.102	7.087	9.055
D	2.520	2.835	3.346	3.740
E	2.000	2.559	2.756	3.228
F	4.330	5.512	6.693	8.661
H	3.250	4.126	5.252	6.748
J	3-M10	6-M10	6-M12	6-M16
K	0.590	0.551	0.591	0.906
L max.	0.630	0.640	0.640	0.837
L min.	0.590	0.541	0.541	0.738
M max.	0.866	0.433	0.433	0.472
M min.	0.709	0.039	0.039	0.079
N	0.669	1.063	1.220	1.378
O	0.944	1.181	1.378	1.575
P	3-M8	3-M10	3-M12	3-M14
Q	0.905	1.024	1.260	1.378
T	0.472	0.472	0.591	0.591
U	M25X1.5	M28X1.5	M35X1.5	M38X1.5
V	1.181	1.220	1.181	1.181
W	1.654	1.929	2.008	2.008
Y	3-M5	3-M5	3-M6	3-M8
Z	2.047	2.126	2.559	3.150

MODEL	PUE-05	PUE-06	MODEL	PUE-05	PUE-06
A	5.315	6.496	N	3-M6	3-M6
B	2.835	3.268	P	0.945	1.575
C(H6)	4.331	5.512	Q	0.984	1.575
D	3.858	4.528	R	0.669	0.591 h8
E	0.197	0.197	S	1.024	1.575
F	3.250	4.126	T	0.276	0.591
G	3-M10	6-M10	U	M16X2	M18X2.5
H	0.591	0.591	V	----	0.197
J max.	1.354	1.846	W	1.220	1.457
J min.	1.299	1.752	X	0.787	1.299
K max.	0.709	3.091	Y	1.181	1.181
K min.	0.472	2.697	Z	2.165	2.559
L	0.787	0.906	a	M6X11	M6X11
M	0.945	1.220			

GRIPPING CHARACTERISTIC GRAPH