

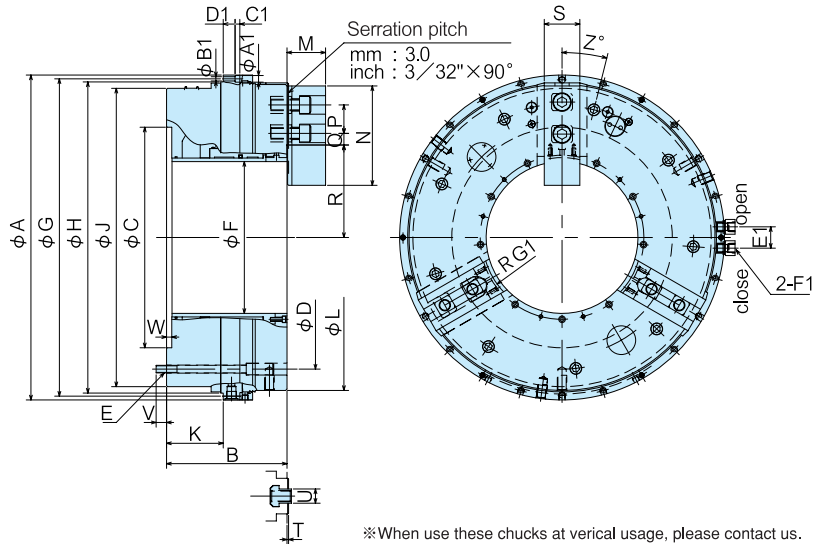
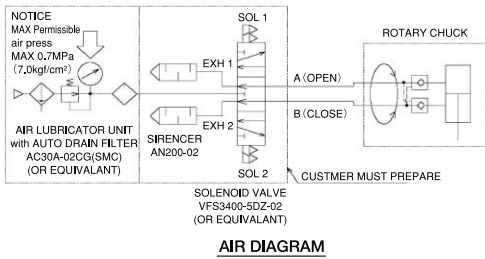
# Point

Pneumatic cylinder is built in the chuck body  
Large Thru-Hole



# UB

## Dimensional Drawings



※When use these chucks at vertical usage, please contact us.

## Dimensions

Model	A1	B1	C1	D1	E1	F1	G1
UB450 (U)	11	6.6	6.6	30	45	PT 3/8	87.5
UB560 (U)	14	9	9	20	45	PT 1/2	134
UB630 (U)	14	9	10	25	45	PT 1/2	160
UB710 (U)	17	11	20	24	45	PT 1/2	185

Model	A	B	C (H7)	D	E	F	G	H	J	K	L	M		N	P	Q max.	Q min.	R max.	R min.	S	T	U	V	W	X max.	X min.	Y	Z
												mm	inch															
UB450 (U)	467	212	275	373	9-M12	181	454	-	431	93.5	441	67.3	68.7	165	43	42.621	16.43	121	114	62	3.3	25.5	17	6	46.8	42.8	27	20
UB560 (U)	605	230	375	485	6-M16	275	590	575	556	113.5	568	70.5	71.9	180	60	35.04	20.75	169	160.5	65	3.3	25.5	24	11	57.7	52.8	27	40
UB630 (U)	685	254	465	555	9-M16	320	669	656	629	119.5	645	81.3	82.7	209.5	60	51	25	195	186.5	75	3.3	30	22	11	57.7	52.8	27	14
UB710 (U)	790	252	520	620	9-M16	375	770	745	702	118.5	714	81.3	82.7	209.5	60	60.5	24.5	224.3	213.3	75	3.3	30	24	11	59.1	52.8	27	24

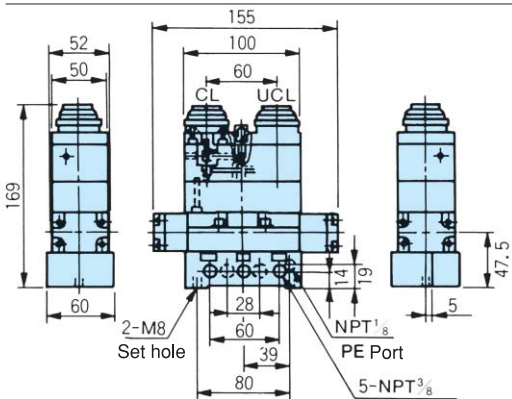
※Mounting bolt P. C. D. for UVE 630LB & UVE 800LB : 40° pitch : 9 pcs.

## Specifications

Model	Center hole dia mm	Gripping range mm		Jaw Stroke (diameter) mm	Plunger Stroke mm	Max. Gripping Force at air pressure 0.6MPa (6.1kgf/cm²) kN (kgf)	Max. Speed min⁻¹ (r.p.m)	Weight kg	Moment of inertia kg·m²	Max pressure mpa (kgf/cm²)	Air consumption per 10mm et air pressure 0.6MPa (6.1kgf/cm²) >1l
		Max.	Min.								
UB450 (U)	181	441	120	14	40	100 (10197)	1300	200	5.36	0.6 (6.1)	4.83
UB560 (U)	275	568	220	17	37	120 (12230)	1100	320	15.8	0.6 (6.1)	7.17
UB630 (U)	320	645	225	17	37	162 (16510)	1000	470	27	0.6 (6.1)	9.27
UB710 (U)	375	714	275	22	36	144 (14680)	900	550	38.9	0.6 (6.1)	11.1

1. Maximum speed is shown with each value under air pressure of 6kg/cm². using standard soft jaw and fixed air supply ring. If the supply ring is not fixed, each value in ( ) is applied.
2. Gripping force of a jaw is one third of max. gripping force.
3. Standard accessories : Soft jaw, air pressure gauge, tools of a set.

## Special accessories AVF-3-FL type manual change valve



The value is light-weight and compact and operated with the push button. The simple piping can be routed when the selector is mounted on the lathe. The valve is the exhaust center type and designed for exclusive UB types.

Pressure	0~1MPa (10.1kgf/cm²)
Proof pressure	1.5MPa (15.3kgf/cm²)
Push button operation force	4kg
Connection bore	PT <sup>3</sup> / <sub>8</sub>