

## MACHINING CHUCK Y-TYPE

### Suitable for Use as a Clamp Jig for Machining Centers

#### FEATURES

##### Easy Operation

The handle is set on the face and does not interfere with the table. A number of chucks can be used together.

##### Dust-free

A dust cover is provided and this prevents the chips from entering the machine.

##### High Productivity

The thin-body design with a low center of gravity permits machining of large workpieces.

##### High Precision

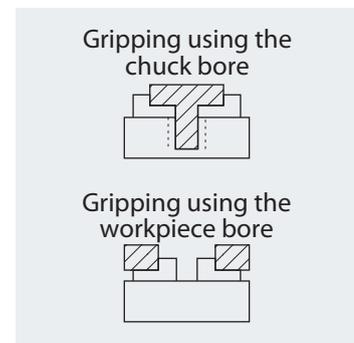
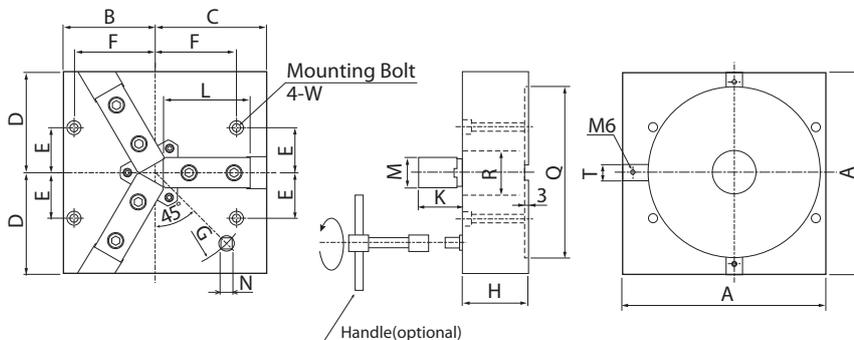
Workpieces are gripped firmly by the formed soft jaws, ensuring high precision. (Deviation : within 0.03 mm)

##### Suitable to Process Workpieces of Various Sizes

Able to grip square workpieces by using this chuck as a two-way vise.

\* The fixed jaw (optional) is necessary.

Longitudinal workpieces can be also gripped by using the bore of this chuck with the cover removed.



#### DIMENSIONS (unit : mm)

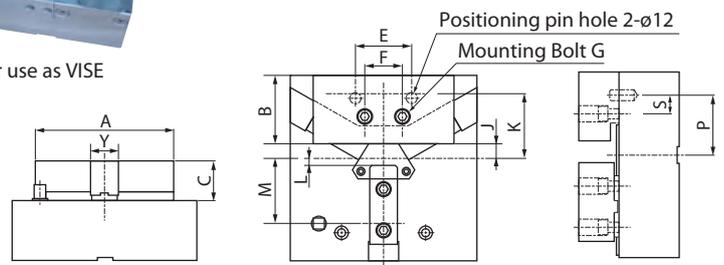
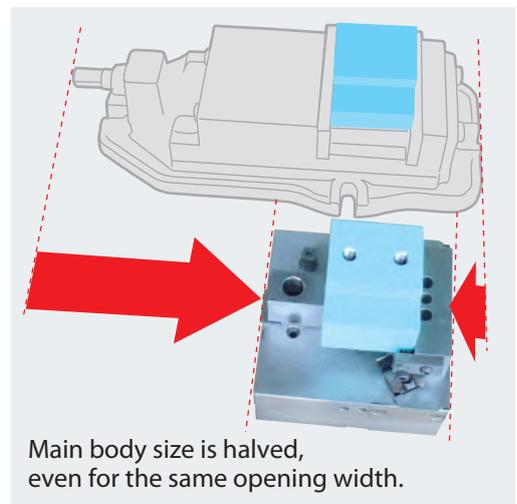
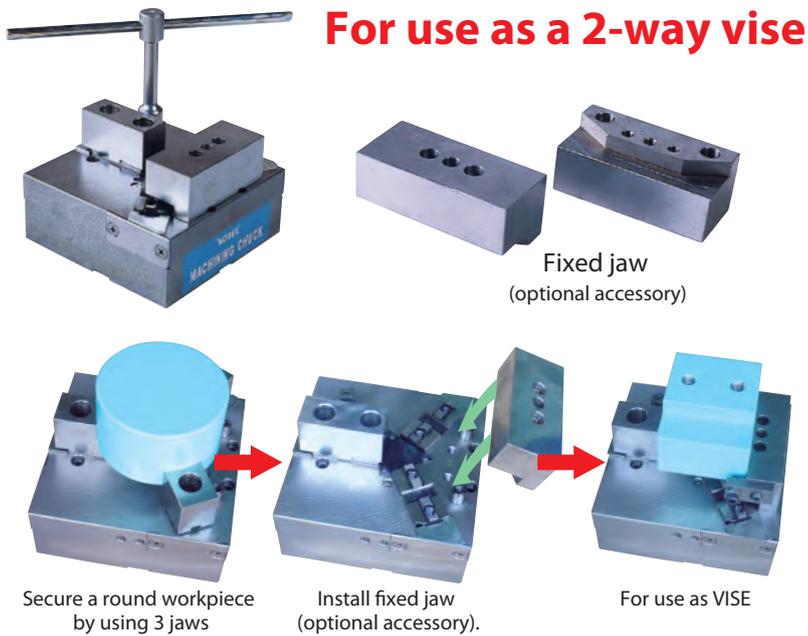
MODEL	Code No.	Body dimensions										Mounting bolt			Handle
		A	B	C	D	H	R	Q	N	G	T	E	F	W	
Y-120	168012	120	55	65	60	43	φ25	—	10	55	12	18	49	M5	Y-T10
Y-160	168016	160	70	90	80	65	φ34	φ119	12	73.5	18	21	63	M6	Y-T12
Y-200	168020	200	90	110	100	65	φ44	φ170	12	99	18	45	80	M8	Y-T12
Y-300	168030	300	140	160	150	65	φ104	φ270	12	147	18	80	120	M10	Y-T12

#### SPECIFICATIONS

MODEL	Jaw stroke	Input torque (N·m)	Gripping force (kN)	Gripping range (mm)	Weight (kg)
Y-120	7	50	11	11~90	4.5
Y-160	10	100	22	15~126	12
Y-200	15	130	33	20~173	19
Y-300	25	150	38	40~266	40

#### SOFT-JAW DIMENSIONS (unit : mm)

MODEL	K	L	M	Name
Y-120	30	60	19	SJY-60
Y-160	41	70	30	SJ-70
Y-200	43	85	30	SJ-85
Y-300	54	115	45	SJ-115



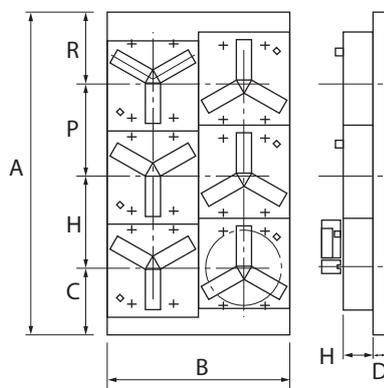
**FIXED JAW MOUNTING DIMENSIONS**

MODEL		A	B	C	E	F	G	N	Y	S	P	Min. J	Max. K	Min. L	Max. M
KY-12	Y-120	80	45	30	60	30	2-M6	16	19	10	45	10	45	6	55
KY-16	Y-160	100	55	41	70	30	2-M8	18	30	10	53	15	40	10	65
KY-20	Y-200	130	62	43	60	40	2-M10	20	30	20	65	15	50	10	70
KY-30	Y-300	180	125	54	60	120	3-M12	35	40	20	105	15	100	13	120

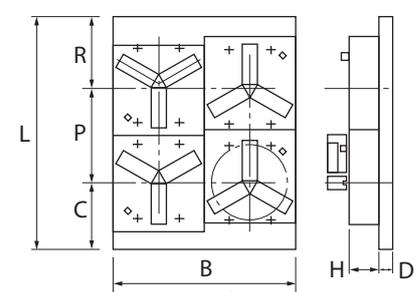
\*K and M : maximum allowance for soft jaw forming J and L : minimum dimensions when mounted (unit : mm)

**Vises can be linked**

**6-vise type (6P-Y160, 6P-Y200)**



**4-vise type (4P-Y160, 4P-Y200)**



MODEL	A	B	C	D	H	P	R	L
Y-160	560	320	90	20	65	160	120	400
Y-200	700	400	110	20	65	200	150	500

\*Mounting holes of plate are not machined. (to be machined by the user)

