



VISE

MC Power Vise VQX-N series

VQX100N·VQX125N
VQX160N·VQX200N

Everlasting standard! MC vises with the orange body

- Cast iron body with a high vibration damping property
- Firm clamping of work ensured by a high clamping force
- Stable clamping force ensured by the mechanical-type enhancement toggle mechanism
- Lift-up reduced to the minimum, offering stable machining accuracy
- **Standard parallel specification**
Suitable for long-size work and simultaneous machining of multiple workpieces



Operating example

[By courtesy of Azuma-Japan, Inc.]



▲ On the 3 m linear table, 10 vises are mounted with the parallel specification.



▲ Minimum lift-up ensures stable machining accuracy.



▲ Long-size precision equipment parts are machined.

<http://www.azuma-japan.co.jp/>



- **Body Material** : Cast iron ■ **Jaw Material** : Hardened steel
- **Standard Accessories** : Clamp device assembly (clamp device, T-nut(s), bolt(s), washer(s)), handle, L-shaped hexagonal wrench, C-caps, slide cover
- **Options** : Parallel clamp device, stepped guide block, ratchet handle, extension bar, soft jaws (a set of a moving-side and a fixed-side jaws)

※ The guide block can be changed to suit the machine where the vise is mounted. In this case, please contact us.

■ Dimensions

Clamping Force Table (Unit: kN)

Model	Range	4	3	2	1	0
VQX 100N	—	30	21	12	8	8
VQX 125N	—	40	28	16	8	8
VQX 160N	60	46	32	18	10	10
VQX 200N	70	54	38	22	10	10

※Zero range means clamp without a step-up mechanism.
Clamp force shows an allowable amount.

■ Specifications

(Unit: mm)

Model	Jaw width	Jaw height	Jaw stroke	Total height	Work mounting face height	Full width	Full length	Max. clamping force kN	Mass (kg)
VQX 100N	99.5	35	128	120	85	107	351.5	30	19
VQX 125N	124.5	40	205	140	100	135	451.5	40	35
VQX 160N	159.5	45	275	165	120	170	553.5	60	62
VQX 200N	200	55	300	190	135	211	605	70	100

■ Size Table

(Unit: mm)

Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V
VQX 100N	351.5	112.5	239	273	78.5	38.5	160.5	14	120	85	35	73	64	128	53	180	30	72	101	99.5
VQX 125N	451.5	145	306.5	365	86.5	66	220	18	139.5	100	39.5	78	74	205	65	180	30	72	126	124.5
VQX 160N	553.5	145	408.5	455	98.5	58	310	18	165	120	45	86	86	275	78	225	37	95	161	159.5
VQX 200N	605	177	428	505	100	75	328	18	190	135	45	100	97	300	93	225	37	95	202	200

Model	W	X	Y	a	d	e	f	g	h	j	m	n	r	t	y	a1	c1	d1	e1	f1
VQX 100N	107	15	5.5	M 8	90	105	25	36.5	40	70	50	40	10	1	7	M12×45	59.5	14~26	22.5	35
VQX 125N	135	21	7	M10	75	215	27	39	50	80	55	50	10	1	10	M16×65	71	15~31	30	45
VQX 160N	170	21	7	M10	85	285	37	43	80	100	55	50	15	1	10	M16×65	71	15~31	30	45
VQX 200N	211	21	7	M10	115	275	50	50	100	150	70	60	15	2	10	M16×65	71	15~31	30	45