

Self-centering Vise C 2-Jaws

C is a hydraulically or pneumatically actuated 2-jaw self-centering vise with high flexibility, accuracy and long life. Designed to be embedded in the machine table allowing greater rigidity.

Advantages

- Lever mechanism allows extended clamping range
- High force drive for secure clamping
- Optimum jaw guides (hardened, sturdy, low-backlash) allow high clamping forces and a long service life
- Lean outer contour for optimal accessibility of the machine spindle to the workpiece
- Optimized lubrication system for consistently high clamping forces and long life
- Base jaws with grooves for tongues
- All functional parts are hardened and ground to ensure a high repeatability



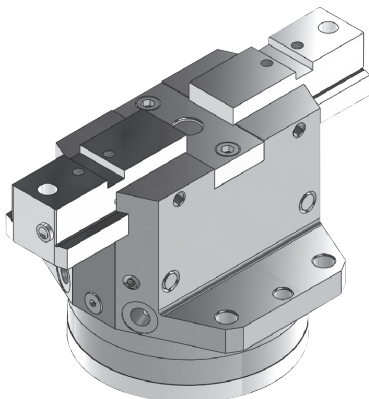
SPECIFICATIONS

Model	Stroke per jaw	Closing force per jaw	Total closing force	Pressure	Repeatability	Fluid consumption double stroke	Weight
		@ max pressure	@ max pressure				
C 85	5 mm	1658 N	3317 N	6-12 bar	±0.01 mm	53 cm ³	2 Kg
	0.20 in	372.81 lb	745.62 lb	87-174 psi	±0.0004 in	3.23 in ³	4.41 lb
C 110	6 mm	2503 N	5006 N	6-12 bar	±0.01 mm	109 cm ³	4.5 Kg
	0.24 in	562.74 lb	1125.47 lb	87-174 psi	±0.0004 in	6.65 in ³	9.92 lb
C 140	8 mm	6437 N	12873 N	6-20 bar	±0.01 mm	225 cm ³	9 Kg
	0.31 in	1447.09 lb	2894.18 lb	87-290 psi	±0.0004 in	13.73 in ³	19.84 lb
C 170	9 mm	11114 N	22229 N	6-20 bar	±0.01 mm	393 cm ³	17 Kg
	0.35 in	2498.74 lb	4997.48 lb	87-290 psi	±0.0004 in	23.98 in ³	37.48 lb

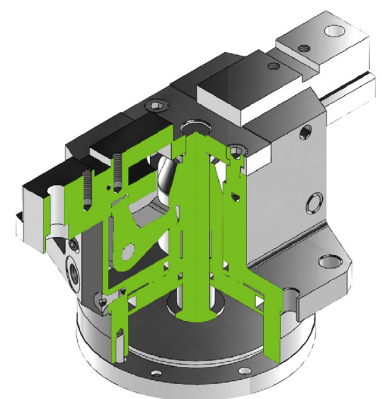
Ambient Temperature **5 - 60 °C (41 - 140 °F)**

Noise Emission (Sound Pressure) **≤ 70 dB(A) in any direction**

SECTIONAL DIAGRAM



For a better operation of the vise
please consider the distance between the clamping point
and the top surface of the jaws.

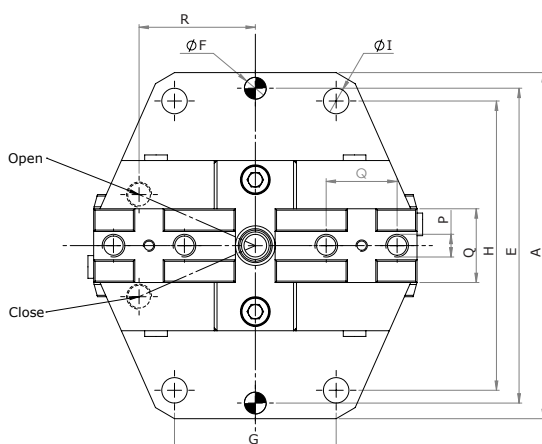
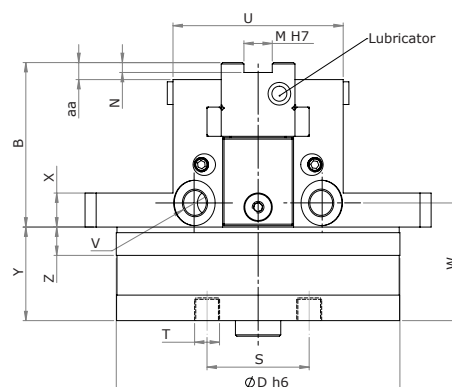
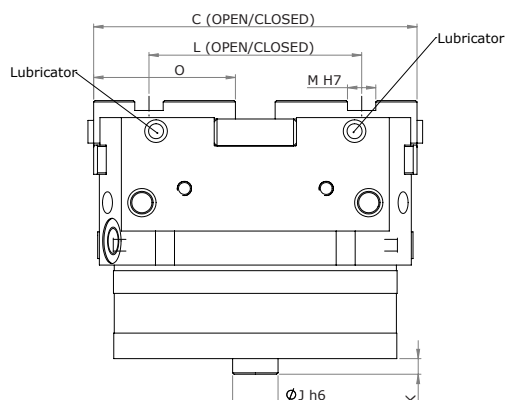


PRODUCT INFORMATION

C 2-Jaws



02.25_Rev.05



* Finished holes on request

	A	B	C open	C closed	D	E	F	G	H	I	J	K
C 85	107 (4.21)	43 (1.69)	103 (4.06)	93 (3.66)	85 (3.35)	96 (3.78)	6 (0.24)	42.5 (1.67)	86 (3.39)	8.5 (0.33)	14 (0.55)	5.5 (0.22)
C 110	122 (4.80)	58 (2.28)	126 (4.96)	114 (4.49)	100 (3.94)	111 (4.37)	6 (0.24)	57 (2.24)	102 (4.02)	9 (0.35)	16 (0.63)	5.5 (0.22)
C 140	155 (6.10)	73 (2.87)	158.22 (6.23)	142.22 (5.60)	127.5 (5.02)	140 (5.51)	10 (0.39)	72 (2.83)	130 (5.12)	12.5 (0.49)	20 (0.79)	5 (0.20)
C 170	188 (7.40)	84 (3.31)	184 (7.24)	166 (6.54)	155 (6.10)	172 (6.77)	10 (0.39)	89 (3.50)	159 (6.26)	15 (0.59)	25 (0.98)	4.5 (0.18)

	L open	L closed	M	N	O	P	Q	Q1	R	S	T	U	V	W	X	Y	Z	aa
C 85	64 (2.52)	54 (2.13)	8 (0.31)	3.5 (0.14)	43.5 (1.71)	M6	20 (0.79)	20 (0.79)	33 (1.30)	28 (1.10)	M5	45 (1.77)	M5	36 (1.42)	10 (0.39)	30 (1.18)	12 (0.47)	5 (0.20)
C 110	87 (3.43)	75 (2.95)	10 (0.39)	3.5 (0.14)	50 (50.00)	M8	25 (0.98)	26 (1.02)	41 (1.61)	36 (1.42)	1/8" Gas	60 (2.36)	1/8" Gas	41.5 (1.63)	12 (0.47)	33 (1.30)	10 (0.39)	6 (0.24)
C 140	108.22 (4.26)	92.22 (3.63)	12 (0.47)	3.5 (0.14)	62.5 (2.46)	M8	33 (1.30)	34 (1.34)	52 (2.05)	46.36 (1.83)	1/8" Gas	75 (2.95)	1/8" Gas	52 (2.05)	14 (0.55)	44 (1.73)	13 (0.51)	7.5 (0.30)
C 170	122 (4.80)	104 (4.09)	16 (0.63)	4 (0.16)	73 (2.87)	M10	40 (1.57)	40 (1.57)	65 (2.56)	49 (1.93)	1/8" Gas	90 (3.54)	1/4" Gas	66.5 (2.62)	15 (0.59)	54 (2.13)	15 (0.59)	8 (0.31)

* Dimensions are in millimeters (inches).

** All dimensions are descriptive and subject to variation for technical upgrading. We reserve the right to make variations without prior notification



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