CAMRiSE Series Compact Cam for Piercing - Short Stroke - CA-S58

Outline drawing/Product specifications

Rear Extraction Space

When installing in the mold, ensure sufficient rear extraction space.
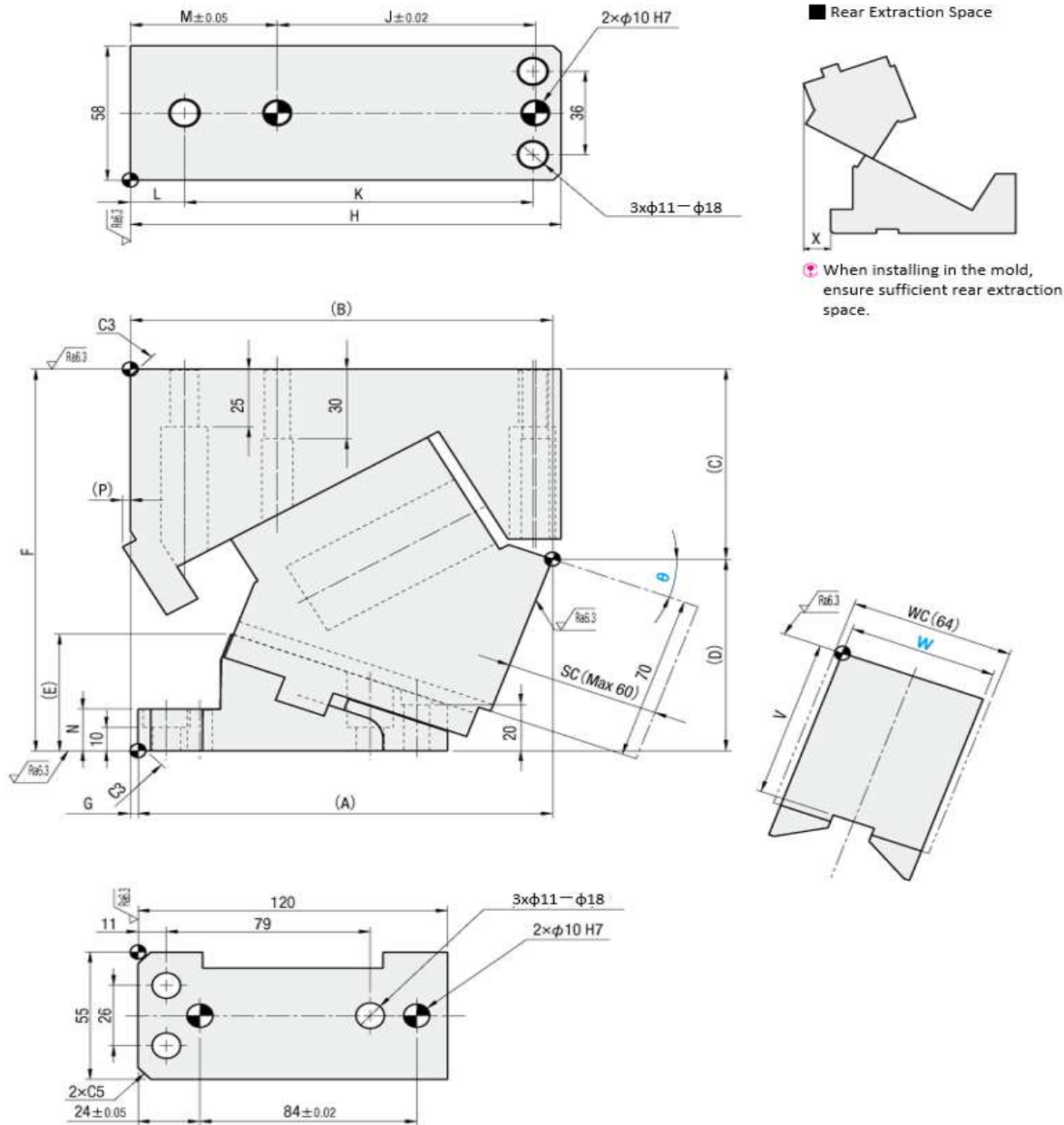
W	θ	(A)	(B)	(C)	(D)	(E)	F	G	H	J	K	L	M	N	(P)	V	X (ISO)
58	00	135.00	162.00	64.00	101.00	27.9		27	164			13	47	14.9	1.5		24.8
	05	141.75	163.75	68.74	96.26	32.7		22	168	107	140	17	51		2.1		30.9
	10	148.26	165.26	73.36	91.64	38.3		17	169			18	52		2.0		35.6
	15	154.54	163.54	77.84	87.16	44.0		9	166	100	135	20	56		3.7		41.7
	20	160.62	163.62	82.16	82.84	50.4		3				21	57		2.9		49.1
	25	165.51	161.51	86.31	78.69	57.2	165	-4	167			26	62	18.0	3.1	67	58.4
	30	170.21	159.21	90.26	74.74	64.4		-11		95	130				3.0		66.3
	35	173.76	154.76	94.00	71.00	71.9		-19	165			24	60		3.8		74.6
	40	178.16	148.16	98.53	66.47	78.6		-30				21	62		5.6		83.3
	45	182.44	142.44	103.82	61.18	84.4		-40	157	85					5.3		89.3
	50	185.61	133.61	109.87	55.13	89.3		-52	153			17	63		7.0		96.7
	55	194.29	145.29	117.22	62.78	90.0	180	-49								82	91.6
	60	204.74	142.74	119.87	65.13	95.0	185	-62			125					85	97.6
	65	211.09	137.09	123.64	66.36	98.0		-74	163	80		27	73	30.0	6.0	83	103.3
	70	218.70	133.70	125.70	64.30	100.0	190	-85								78	106.5
	75	229.42	132.42	128.92	61.08	103.0		-97									113.6
	80	236.42	128.42	131.63	58.37	110.0		-108								80	120.3

Stroke S	Working Force kN (tonf)			Coil Spring			Total weight Kg	Cam slider weight Kg	Tool mounting weight Kg	Model	W	θ
	Standard (1Million times)	Conditional (1Million times)	Max. (300,000 times)	Initial load N (kgf)	Final load N (kgf)	Model						
20.6				230 (23.4)			8.7					00
				402 (41.0)	2067 (211)	TJM32X102	8.6		3.3			05
21.0				517 (52.7)			8.5					10
21.2				198 (20.2)			8.3		3.4			15
22.1				263 (26.9)			8.2	3.2	3.5			20
23.0									3.6			25
25.0					1844 (188)	TJM32X89	8.1		3.8			30
27.1				329 (33.6)			8.0		4.0			35
29.6	18.6 (1.9)	27.9 (2.8)	37.2 (3.8)				7.8		4.2	CA-S	58	40
32.4									4.6			45
35.8							7.9		5.4			50
45.3				402 (41.0)	1895 (193)	TJM32X102	8.7	3.6	6.2			55
46.0				329 (33.6)	1844 (188)	TJM32X89	9.1	4.1	5.7			60
47.3				309 (31.5)	1851 (189)	TJM32X76	9.5	4.4	5.4			65
49.7				275 (28.1)	1833 (187)	TJM32X64	9.7	4.7	5.1			70
50.2				345 (35.2)	1839 (188)	TJM32X51	10.1	5.0	4.8			75
57.6				466 (47.6)	1798 (183)	TJM32X44	10.6	5.3	4.5			80

Alteration	Code	Spec.
	SC	Forward movement of mount surface increment 1 mm
	WC	Change the width of mounting surface W = 58 => W = 64