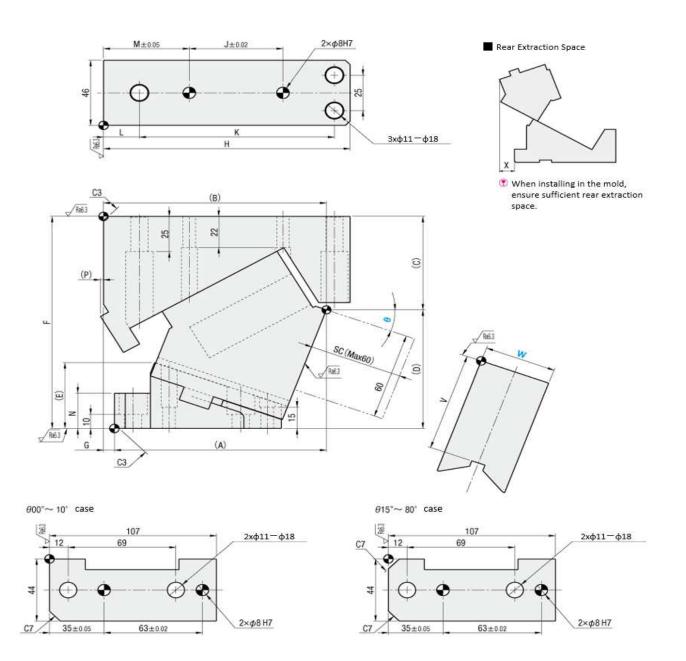
CAMRiSE Series Compact Cam for Piercing - Short Stroke - CA-S46

Outline drawing/Product specifications



θ	(A)	(B)	(C)	(D)	(E)	F	G	Н	J	К	L	M	N	(P)	V	X (ISO)
00	112.00	138.00	53.00	97.00	24.2		26	153			13	45	12	2.0		23.4
05	118.89	140.89	56.44	93.56	29.0		22	157		130	17	49	15	1.9		29.7
10	124.66	142.66	59.77	90.23	34.4		18	160	160 157		20	52	20	2.2		35.9
15	130.31	143.31	62.99	87.01	40.7		13	157			22	54	54	2.3		44.9
20	135.87	142.87	66.09	83.91	46.3		7	158			55		3.1		53.5	
25	142.34	142.34	69.06	80.94	53.0	150	0		1	105	23	58	25	2.8	68.5	61.6
30	147.72	140.72	71.89	78.11	60.6		-7			125				3.2		69.1
35	151.04	137.04	74.58	75.42	67.9		-14						4.7		77.2	
40	156.31	135.31	78.12	71.88	74.6		-21				- 20		30	3.1		81.7
45	160.54	127.54	81.51	68.49	82.1		-33					61		6.6 5.0		90.6
50	163.73	123.73	88.74	61.26	84.9		-40	150								93.9
55	181.23	138.23	97.82	62.18	82.0	160	-43		55 1			71			83.5	90.0
60	182.78	134.78	106.81	58.19	85.0	165	-48	7 160		120						88.9
65	209.23	132.23	108.72	61.28	87.0		-77			120	30			4.0	75.0	95.0
70	212.36	129.36	110.46	59.54	90.0	170	-83									99.7
75	221.38	128.38	112.45	57.55	93.0	1/0	-93									105.1
80	231.82	127.82	113.42	56.58	100.0		-104								80.0	112.1
	00 05 10 15 20 25 30 35 40 45 50 66 67 70	00 112.00 05 118.89 10 124.66 15 130.31 20 135.87 25 142.34 30 147.72 35 151.04 40 156.31 45 160.54 50 163.73 55 181.23 60 182.78 65 209.23 70 212.36 75 221.38	00 112.00 138.00 05 118.89 140.89 10 124.66 142.66 15 130.31 143.31 20 135.87 142.87 25 142.34 142.34 30 147.72 140.72 35 151.04 137.04 40 156.31 135.31 45 160.54 127.54 50 163.73 123.73 55 181.23 138.23 60 182.78 134.78 65 209.23 132.23 70 212.36 129.36 75 221.38 128.38	00 112.00 138.00 53.00 05 118.89 140.89 56.44 10 124.66 142.66 59.77 15 130.31 143.31 62.99 20 135.87 142.87 66.09 25 142.34 142.34 69.06 30 147.72 140.72 71.89 35 151.04 137.04 74.58 40 156.31 135.31 78.12 45 160.54 127.54 81.51 50 163.73 123.73 88.74 55 181.23 138.23 97.82 60 182.78 134.78 106.81 65 209.23 132.23 108.72 70 212.36 129.36 110.46 75 221.38 128.38 112.45	00 112.00 138.00 53.00 97.00 05 118.89 140.89 56.44 93.56 10 124.66 142.66 59.77 90.23 15 130.31 143.31 62.99 87.01 20 135.87 142.87 66.09 83.91 25 142.34 142.34 69.06 80.94 30 147.72 140.72 71.89 78.11 35 151.04 137.04 74.58 75.42 40 156.31 135.31 78.12 71.88 45 160.54 127.54 81.51 68.49 50 163.73 123.73 88.74 61.26 55 181.23 138.23 97.82 62.18 60 182.78 134.78 106.81 58.19 65 209.23 132.23 108.72 61.28 70 212.36 129.36 110.46 59.54 75 221.3	00 112.00 138.00 53.00 97.00 24.2 05 118.89 140.89 56.44 93.56 29.0 10 124.66 142.66 59.77 90.23 34.4 15 130.31 143.31 62.99 87.01 40.7 20 135.87 142.87 66.09 83.91 46.3 25 142.34 142.34 69.06 80.94 53.0 30 147.72 140.72 71.89 78.11 60.6 35 151.04 137.04 74.58 75.42 67.9 40 156.31 135.31 78.12 71.88 74.6 45 160.54 127.54 81.51 68.49 82.1 50 163.73 123.73 88.74 61.26 84.9 55 181.23 138.23 97.82 62.18 82.0 60 182.78 134.78 106.81 58.19 85.0 65	00	00 112.00 138.00 53.00 97.00 24.2 26 05 118.89 140.89 56.44 93.56 29.0 22 10 124.66 142.66 59.77 90.23 34.4 18 15 130.31 143.31 62.99 87.01 40.7 13 20 135.87 142.87 66.09 83.91 46.3 7 25 142.34 142.34 69.06 80.94 53.0 0 30 147.72 140.72 71.89 78.11 60.6 35 151.04 137.04 74.58 75.42 67.9 40 156.31 135.31 78.12 71.88 74.6 45 160.54 127.54 81.51 68.49 82.1 50 163.73 123.73 88.74 61.26 84.9 40 155 181.23 138.23 97.82 62.18 82.0 160 -43	00	00	112.00 138.00 53.00 97.00 24.2 22 157	112.00 138.00 53.00 97.00 24.2 22 157 150 163.31 142.34 69.06 80.94 53.0 147.72 140.72 71.88 74.6 75.5 181.23 138.23 178.23 178.23 179.20 179.20 181.23 138.23 108.72 61.28 87.0 70 212.36 129.36 110.46 59.54 90.0 75 221.38 129.36 110.46 59.54 90.0 75 221.38 129.36 110.46 59.54 90.0 75 221.38 129.36 110.46 59.54 90.0 75 221.38 129.36 110.46 59.54 90.0 75 221.38 129.36 110.46 59.54 90.0 75 221.38 129.36 110.46 59.54 90.0 75 221.38 129.36 110.46 59.54 90.0 75 221.38 129.36 110.46 59.54 90.0 75 221.38 129.36 112.45 57.55 93.0 170 93.0	112.00 138.00 53.00 97.00 24.2	112.00 138.00 53.00 97.00 24.2	112.00 138.00 53.00 97.00 24.2 2	112.00 138.00 53.00 97.00 24.2 2

	Working Fo	orce kN (tonf)		Coil Spring	3	Total weight Kg	Cam slider weight Kg	Tool mounting weight Kg	Model	w	θ
Stroke S	Standard (1Million times)	Conditional (1Million times)	Max. (300,000 times)	Initial load N (kgf)	Final load N (kgf)	Model						
20.6				125 (12.8)	1129 (115)	TJM25X102	5.5	2.0	2.0	CA-S	46	00
20.6				220 (22.4)								05
21.0				282 (28.8)								10
21.2				108 (11.0)	1007	TJM25X89	5.4					15
22.1		22.1 (2.2)		144 (14.7)			5.3					20
23.0				180 (18.4)					2.2			25
25.0									2.3			30
27.1							5.2		2.4			35
29.6	14.7		29.4 (3.0)						2.6			40
32.4	(1.5)		(3.0)						2.8			45
35.8							5.4		3.3			50
45.3				220 1035 (22.4) (106) 180 1007 (18.4) (103)	1035 (106)	TJM25X102	6.8	2.5	3.5			55
46.0					TJM25X89	7.0	2.7	3.3			60	
47.3				169 (17.2)	.2) (103) .0 1000 .3) (102) .8 1002	TJM25X76	7.4	3.0	3.0			65
49.7				150 (15.3)		TJM25X64	7.5		2.9			70
50.2				188 (19.2) 254 (25.9)		TJM25X51	7.8	3.3	2.7			75
57.6					980 (100)	TJM25X44	8.1	3.5	2.5			80

Alteration	Code	Spec.				
	sc	Forward movement of mount surface 1≤SC≤60 increment 1 mm				