

The structural parts of NITROGAS Die Mounted Cams are assembled with high quality cast iron. Designed for a long service life, since the wear surfaces are mounted with CuZn25Al5Mn4Fe3-C bronze plates with embedded solid lubricants against heat treated sliding faces.

The design for easy assembly promotes and prioritizes spare parts interchangeability, ensuring the longest service life of the cam.

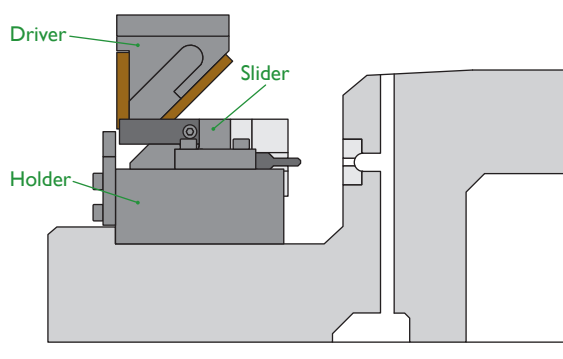
Die Mounted Cam Units are assembled with mechanical positive return, to ensure a secure return. An integrated gas spring ensures the return of the slider.

As the movement of the press is transformed by a wedge, die mounted cam units are applicable for long strokes (<100 mm) and large loads (<64 tnf).

Installation

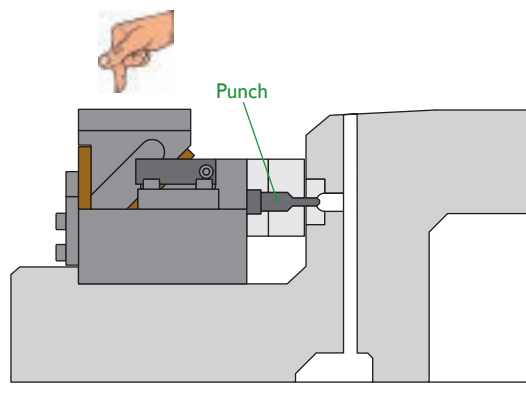
STEP 1

- 1 Remove the gas spring from the cam unit.
- 2 Place and fix the punch retainer on the slider.
- 3 Place the cam unit and drill the required holes in the die to fix the cam holder and the driver.

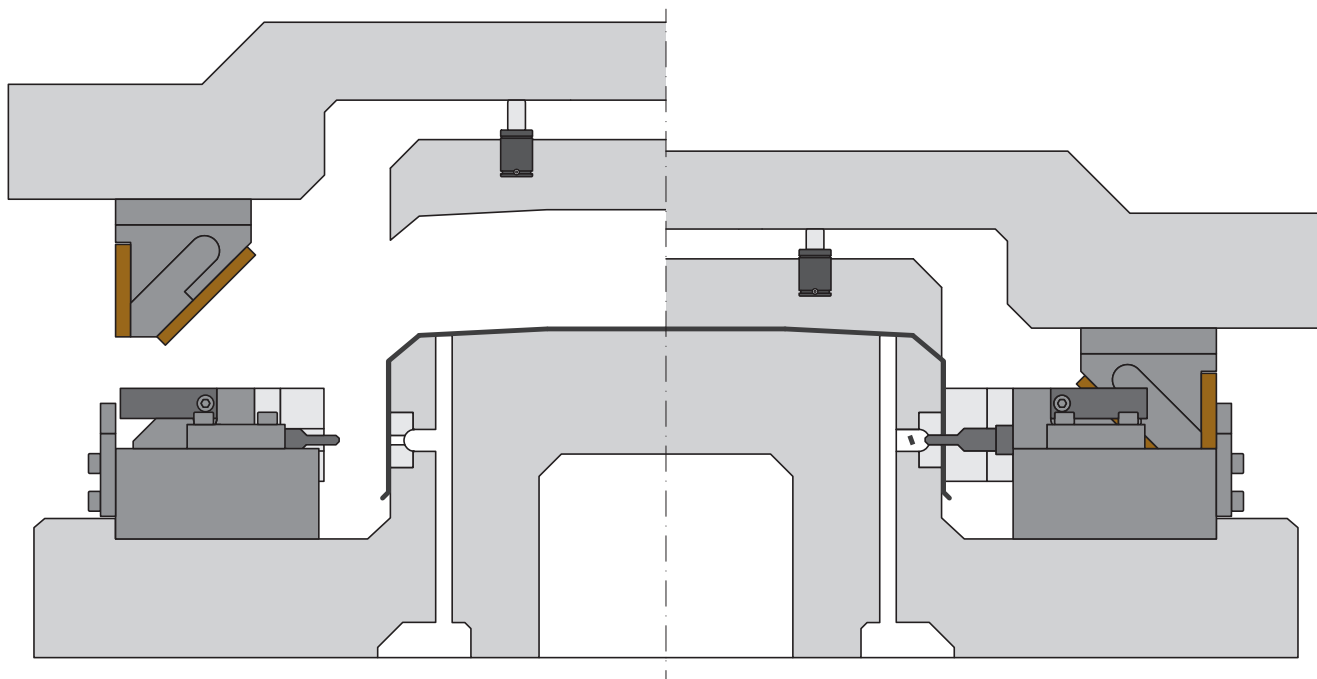


STEP 2

- 4 Move the slider to locate the punch retainer.
- 5 Fix the cam driver.
- 6 Assemble the gas spring in cam unit.



Example of work



Spare parts available for all Die Mounted Cam Units.
The center of the load must be located as much centered as possible.



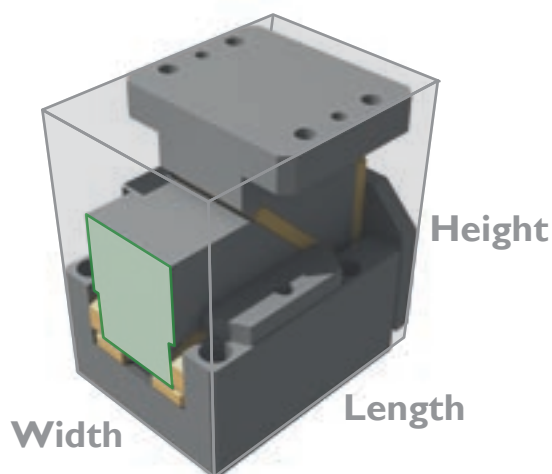
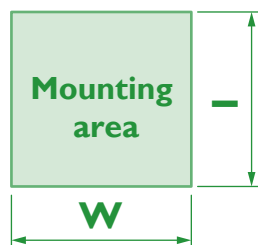
Maximum press speed 1.6 m/s
Maximum cadence (at 20°C) 40 strokes/min

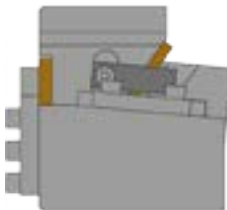
NITROGAS offers engineering support referring to cam applications for die designers and builders.

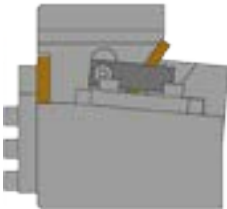
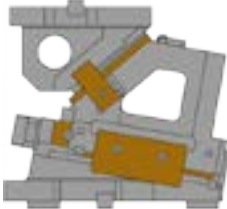
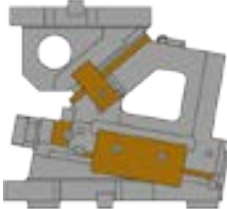
CAD files of Die Mounted Cam Units can be downloaded for FREE from our website:

www.nitrogas.com

Die mounted cams overview



Mounting area					Overall Dimensions						
Model	W mm	L mm	θ °	S mm	Working Force tnf	Spring Force kgf	Width mm	Height mm	Length mm	Weight kg	
CDCA 	52	65	00	25	1 - 3		98	140	138	8	
				40					153		
				60					198		14
	65	70	05	40	2 - 4	560	130	160	170	20	
				60					215	21	
				45					175.55	19	
			10	70				220.38	22.2		
				15				45	179.95	19.6	
								70	224.27	20.5	
			20					45	170	183.18	22.3
				70				226.64			
				45				185.2			
				70				227.48			
				70				21.3			
	100	100	00	40	3 - 6	1120	175	200	217	37	
				60					237	38	
				80					277	44	
			05	45					199.22	33	
		70		234.08					38		
		10		45					205.12	33	
			15	70					239.59	38	
				45					209.67	33	
		20		70					243.48	38	
			45	212.83					32		
			70	245.72					39		
			150	100					00	40	6 - 9
	60				246	69					
	05	45			7 - 10	229.01	62				
		70				253.92	73				
	10	45				235.55	63				
		70				260.17	73				

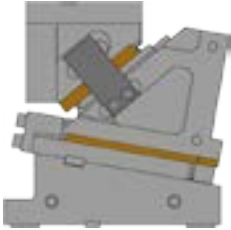
Model	Mounting area				Overall Dimensions					
	W mm	L mm	θ °	S mm	Working Force tnf	Spring Force kgf	Width mm	Height mm	Length mm	Weight kg
 CDCA	150	100	15	45	7 - 10	1080	260	220	240.58	65
				70				230	264.73	77
				45				220	244.05	66
				70				230	267.54	75
	200	100	20	40	8 - 12	1680	310	240	236	82
				60				240	256	84
	250	130	00	40	10 - 15	1620	360	270	246	106
				60					266	127
	300	130	00	40	12 - 18	1620	410	270	246	106
				60					266	128
	400	150	60	60	14 - 21	2160	525	250	356	203
	500						625		361	237
	600						725		361	279
 CDCB	52	75	00	55	2 - 4	280	52	215	235	14.2
			05					255	310	18.5
			10							19.4
			15							20
			20							19.5
	90	82	00	55	4 - 8	560	90	220	236	24.9
			05						251.42	25.9
			10						261.72	27.3
			15						275.82	29.3
			15					225	275.82	29.3
 CDCN	70	90	00	45	7	280	70	225	290	19.5
			05						292.47	20
			10							
			15							
	100	100	20	55	12	560	100	275	300.69	21
			00						330	39
			05							
			10							
	210	130	15	60	20	540	230	300	337.47	40
			20						350.69	
			00						385	
	300	160	05						347.98	82
			10						355.91	
			15						363.35	
	300	160	20	60	37	1120	350	375	377.82	83
			00						390	166
			05						389.74	
			10						389.41	
 CDCV	50	75	15	55	3	560	50	250	407.23	171
			20						422.95	
			00						390	
			05						389.74	170
			10						389.41	
			15						407.23	
 CDCV	50	75	20	55	3	560	50	250	331.41	171
			05						389.74	
			10						389.41	
			15						407.23	170
			20						422.95	
			00						390	

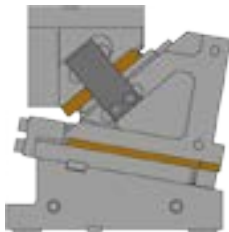
Mounting area					Overall Dimensions									
Model	W mm	L mm	θ °	S mm	Working Force tnf	Spring Force kgf	Width mm	Height mm	Length mm	Weight kg				
CDCV 	85	85	00	70	6	710	85	290	340	45				
			05						354.32					
			10						363.2					
			15						371.68					
			20						379.39					
	110	110	00		12	1100	110	310	385	70				
			05						401.59					
			10						417.76					
			15						428.41					
			20						438.46					
	150		110		00	17	1400		150	400	390	99		
					05						407.59			
					10						423.74			
					15						434.37			
					20						444.4			
	220				180	00	25		2200		220	400	390	139
						05							406.59	
						10							422.76	
						15							433.41	
						20							443.46	
	330	180	00	80		35	2800	330	380	400	251			
			05							424.2				
			10							442.94				
			15							461.09				
			20							478.52				
	400		180	00	44	2800	400	400	445	345				
				05					469.2					
				10					487.94					
				15					501.09					
				20					518.52					
CDCV-F 	65	90		00	40	18	560	134	161	200	19			
		115			60				186	230	21			
					80				207	265	29			
					100				207	305	38			
	100	90			40	28		185	161	200	31			
		115	60		186				230	36				
			80		207				265	43				
			100		207				305	56				
	150	90	40		41	260		161	205	39				
		115	60					186	235	43				
			80					207	270	61				
			135					100	207	310	78			
CDCP 	50	68	00	60	1	280	50	240	255	17.3				
			05						290	18.1				
			10						297.97	18.5				
			15						308.26	19.2				
			20						308.26	19.8				

Mounting area

Overall Dimensions

Model		W mm	L mm	θ °	S mm	Working Force tnf	Spring Force kgf	Width mm	Height mm	Length mm	Weight kg
CDCP		50	68	25	60	1	280	50	240	308.07	20
				30						312.32	20.4
		80	88	00		4	540	80	265	310	33.2
				05							33.5
				10							34.4
				15							35.1
				20						35.6	
				25						36.3	
				30						36.7	
				00						365	130
	150	120	05	12		1400	290	300	378.47	134	
			10						385.01	137.4	
			15					394.53	138		
			20					396.96	146		
			25					397.25	150		
			30					400.35	161		
			00					365	137		
			05					378.47	142		
			10					385.01	146		
			15					394.53	152		
	200	120	20	15		1400	320	310	396.96	160	
			335						397.25	165	
			345					397.25	165		
			360					400.35	172		
			00					365	137		
			05					378.47	142		
			10					385.01	146		
			15					394.53	152		
			20					396.96	160		
			25					397.25	165		
	300	120	30	30		2800	410	335	400.35	172	
			420						243		
			05					431.84	250		
			10					442.57	261		
			15					449.63	263		
			20					454.17	275		
25			461.14		287						
30			465.47		303						
375			454.17		275						
385			461.14		287						
405	465.47	303									

CDCL		500	180	00	60	32	2200	500	385	370	316
				05						310	
				10						384.93	306
				15						400.17	302
		20		413.93				298			
		00		370				325			
		05		318							
		10		384.93				314			
	15	400.17		310							
	20	413.93		306							
	00	370		436							
	05	429									
	10	384.93		421							
	15	400.17		415							
	20	413.93		410							
	00	370		446							
	05	438									
	10	384.93		430							

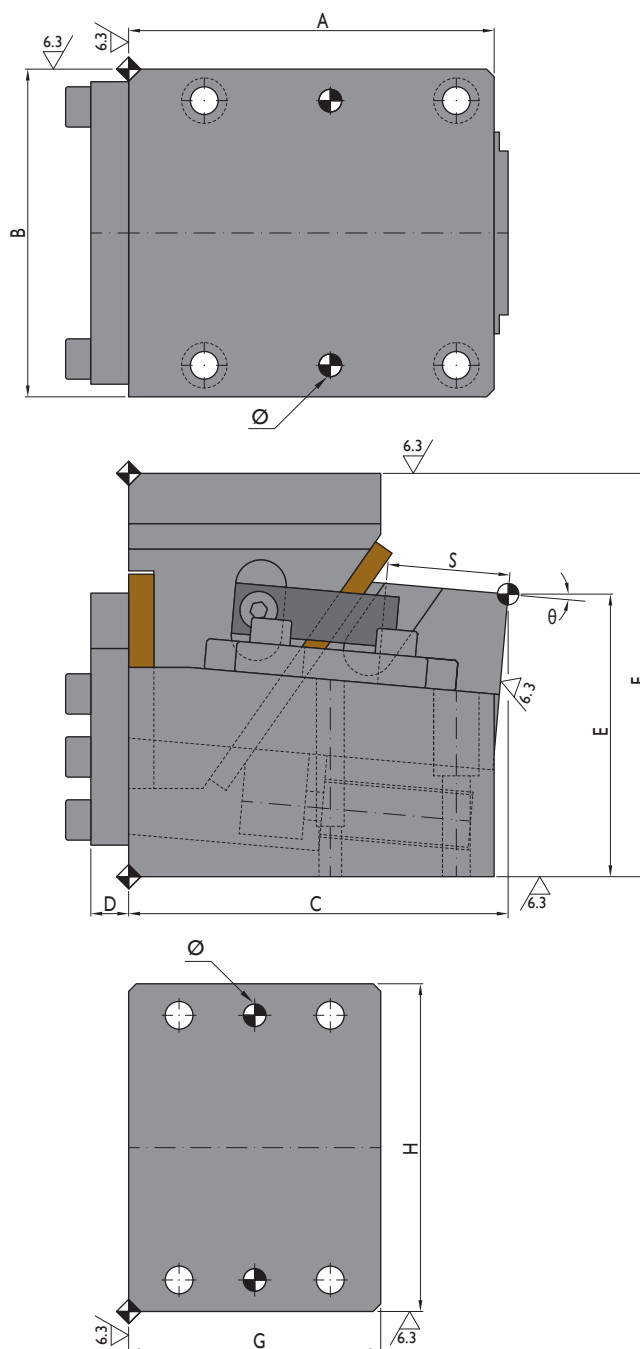
Mounting area					Overall Dimensions					
Model	W mm	L mm	θ °	S mm	Working Force tnf	Spring Force kgf	Width mm	Height mm	Length mm	Weight kg
CDCL 	800	180	15	60	48	2200	800	385	400.17	424
	900		20		64	4400	900		413.93	418
			00						370	571
			05							560
			10						384.93	551
			15						400.17	543
			20						413.93	536
			00				1000		370	579
			05						569	
	10		384.93						560	
	15		400.17						551	
	20		413.93						544	



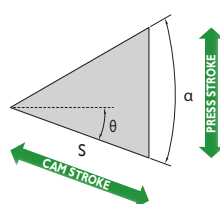
WEB



CAD



CAM DIAGRAM



Available Options

P

Pin holes diameters available

		Standards	Options
CDCA	52	Ø7	P8 (Ø8 H7)
CDCA	65	Ø9	P10 (Ø10 H7)
CDCA	100	Ø11	P12 (Ø12 H7) / P13 (Ø12 H7)
CDCA	150 - ... - 600	Ø15	P16 (Ø16 H7)

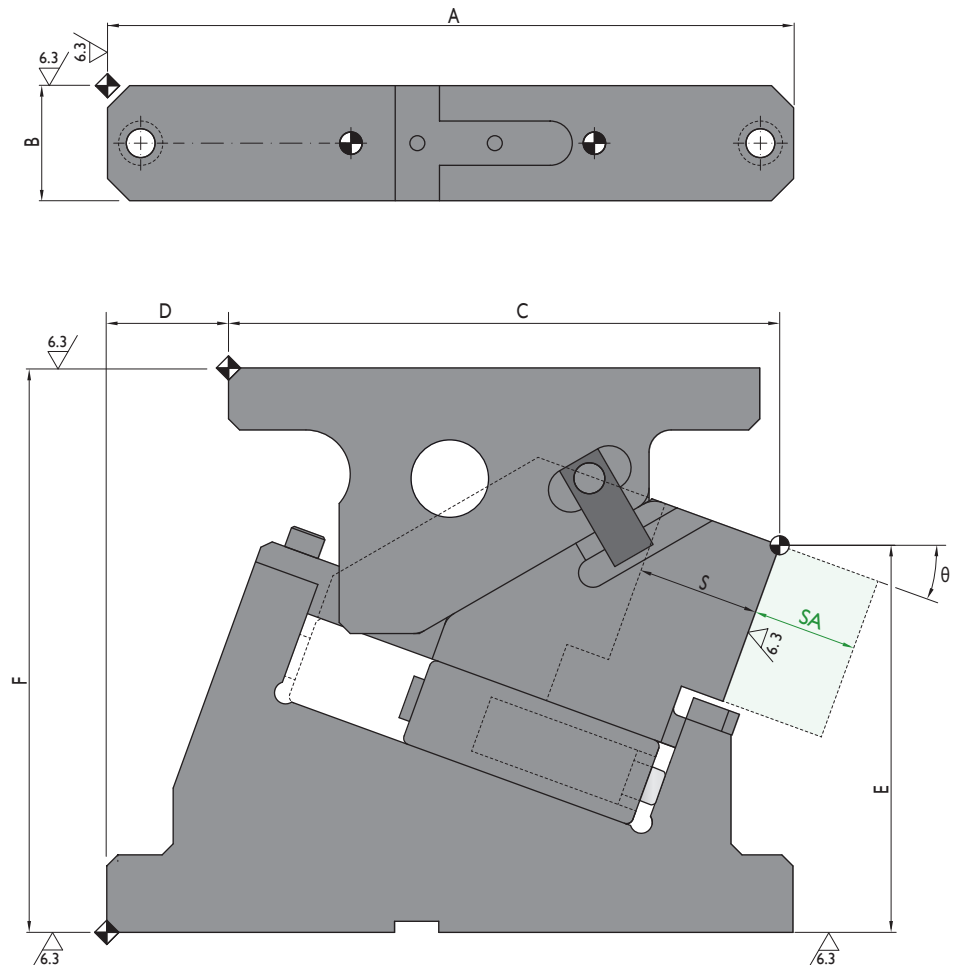
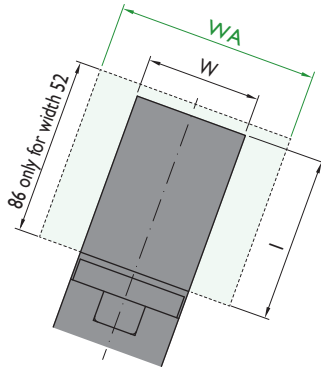
Ordering example: CDCA-W-θ-S-P
 CDCA-100-00-40
 CDCA-100-00-40-P12

(Standard dimensions)

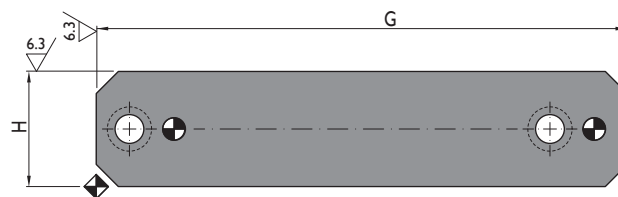
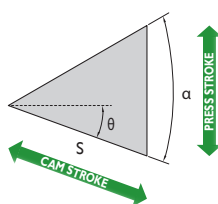
(Ø12 H7 holes)

Order No.				Main Features				General Dimensions									
Model	W mm	θ °	S mm	Working Force tnf		Weight kg	Spring Force kgf	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	α °
CDCA	52	00	25	1	3	8	560	120	98	120	10	100	140	80	98	65	45
CDCA	52	00	40	1	3	8	560	135	98	135	10	100	140	90	98	65	45
CDCA	52	00	60	1	3	14	560	180	98	180	10	100	140	110	98	65	45
CDCA	65	00	40	2	4	20	560	145	130	140	15	115	160	100	130	70	45
CDCA	65	00	60	2	4	21	560	180	130	190	15	115	160	110	130	70	45
CDCA	65	05	45	2	4	19	560	145	130	150.55	15	112.1	160	100	130	70	60
CDCA	65	05	70	2	4	22.2	560	180	130	195.38	15	123.17	170	100	130	70	60
CDCA	65	10	45	2	4	19.6	560	145	130	154.95	15	108.76	160	100	130	70	60
CDCA	65	10	70	2	4	20.5	560	180	130	199.27	15	110.94	170	100	130	70	60
CDCA	65	15	45	2	4	22.3	560	145	130	158.18	15	105.09	170	100	130	70	60
CDCA	65	15	70	2	4	22.3	560	180	130	201.64	15	103.44	170	110	130	70	60
CDCA	65	20	45	2	4	22.3	560	145	130	160.2	15	101.19	170	100	130	70	60
CDCA	65	20	70	2	4	21.3	560	180	130	202.48	15	95.79	170	110	130	70	60
CDCA	100	00	40	3	6	37	1120	190	175	190	15	150	200	120	165	100	45
CDCA	100	00	60	3	6	38	1120	190	175	210	15	150	200	140	165	100	45
CDCA	100	00	80	3	6	44	1120	220	175	250	15	150	200	150	165	100	45
CDCA	100	05	45	4	8	33	1120	160	175	172.22	15	145.28	200	100	165	90	60
CDCA	100	05	70	4	8	38	1120	190	175	207.08	15	147.23	200	120	165	90	60
CDCA	100	10	45	4	8	33	1120	160	175	178.12	15	134.98	200	100	165	90	60
CDCA	100	10	70	4	8	38	1120	190	175	212.59	15	133.9	200	120	165	90	60
CDCA	100	15	45	4	8	33	1120	160	175	182.67	15	129.23	200	110	165	90	60
CDCA	100	15	70	4	8	38	1120	190	175	216.48	15	130.17	200	130	165	90	60
CDCA	100	20	45	4	8	32	1120	160	175	185.83	15	118.14	200	110	165	90	60
CDCA	100	20	70	4	8	39	1120	190	175	218.72	15	121.17	200	130	165	90	60
CDCA	150	00	40	6	9	63	1080	190	260	190	20	170	220	120	230	100	45
CDCA	150	00	60	6	9	69	1080	200	260	210	20	170	220	140	230	100	45
CDCA	150	05	45	7	10	62	1080	190	260	193.01	20	158.5	220	110	230	100	60
CDCA	150	05	70	7	10	73	1080	200	260	217.92	20	166.32	220	130	230	100	60
CDCA	150	10	45	7	10	63	1080	190	260	199.55	20	151.36	220	110	230	100	60
CDCA	150	10	70	7	10	73	1080	200	260	224.17	20	152.02	220	130	230	100	60
CDCA	150	15	45	7	10	65	1080	190	260	204.58	20	143.71	220	120	230	100	60
CDCA	150	15	70	7	10	77	1080	200	260	228.73	20	152.24	230	140	230	100	60
CDCA	150	20	45	7	10	66	1080	190	260	208.05	20	135.7	220	120	230	100	60
CDCA	150	20	70	7	10	75	1080	200	260	231.54	20	137.15	230	140	230	100	60
CDCA	200	00	40	8	12	82	1680	200	310	200	20	180	240	130	280	100	45
CDCA	200	00	60	8	12	84	1680	210	310	220	20	180	240	150	280	100	45
CDCA	250	00	40	10	15	106	1620	200	360	210	20	210	270	140	330	130	45
CDCA	250	00	60	10	15	127	1620	220	360	230	20	210	270	160	330	130	45
CDCA	300	00	40	12	18	106	1620	200	410	210	20	210	270	140	380	130	45
CDCA	300	00	60	12	18	128	1620	220	410	230	20	210	270	160	380	130	45
CDCA	400	00	60	14	21	203	2160	300	525	320	20	195	250	140	360	150	45
CDCA	500	00	60	14	21	237	2160	300	625	320	25	195	250	140	360	150	45
CDCA	600	00	60	14	21	279	2160	300	725	320	25	195	250	140	360	150	45

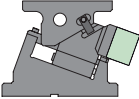
WEB



CAM DIAGRAM



Available Options

		SA	WA
		 Additional slider length available 5 - 65 mm (5 mm steps)	 Additional mounting width available
CDCB	52	SA5 - SA10 - ... - SA65	WA100
CDCB	90	-	WA120 / WA150

Ordering example: CDCB-W-θ-S-SA-WA

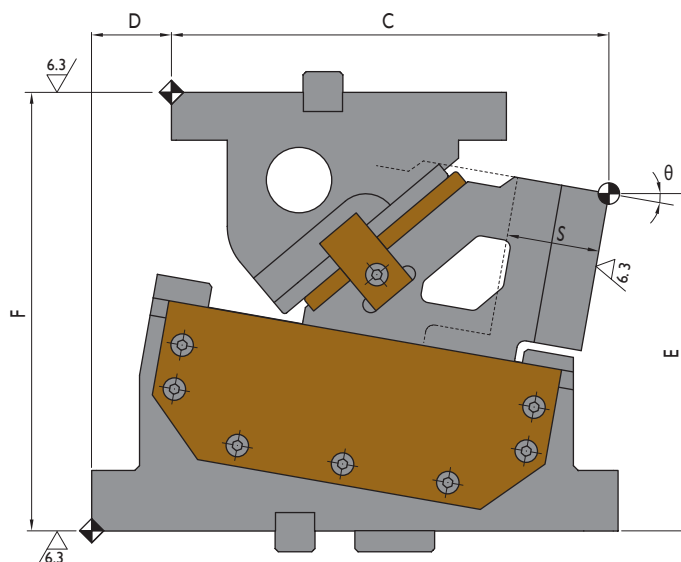
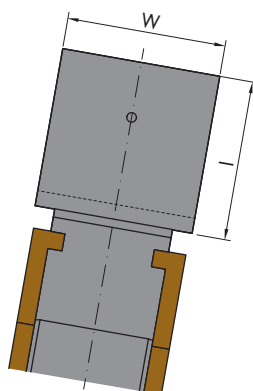
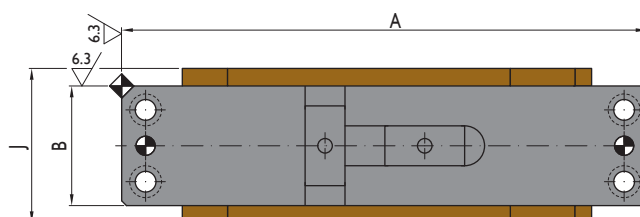
CDCB-52-20-55 (Standard dimensions)

CDCB-52-20-55-SA55-WA100 (Additional slider length (55 mm) and additional mounting width (100 mm))

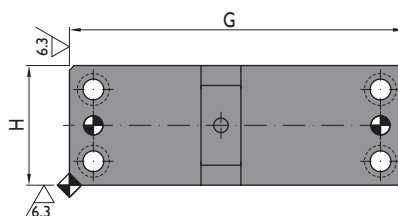
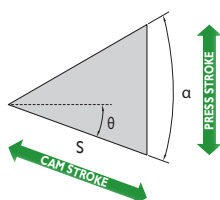
Order No.				Main Features				General Dimensions									
Model	W mm	θ °	S mm	Working Force tnf		Weight kg	Spring Force kgf	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	α °
				1,000,000 strokes	300,000 strokes												
CDCB	52	00	55	2	4	14.2	280	235	52	220	0	170	215	210	52	75	50
CDCB	52	05	55	2	4	18.5	280	310	52	234.87	35	195.66	255	225	52	75	50
CDCB	52	10	55	2	4	19.4	280	310	52	244.75	35	195.02	255	235	52	75	50
CDCB	52	15	55	2	4	20	280	310	52	249.51	40	193.09	255	240	52	75	50
CDCB	52	20	55	2	4	19.5	280	310	52	249.05	55	174.88	255	240	52	75	50
CDCB	90	00	55	4	8	24.9	560	233	90	236	0	182	220	210	90	82	50
CDCB	90	05	55	4	8	25.9	560	240	90	251.42	0	166.24	220	225	90	82	50
CDCB	90	10	55	4	8	27.3	560	243	90	261.72	0	164.14	220	235	90	82	50
CDCB	90	15	55	4	8	29.3	560	248	90	260.82	15	160.97	225	235	90	82	50



Structure for cams width 70 - 100 mm



CAM DIAGRAM



Ordering example: CDCN-W-θ-S
CDCN-70-05-45

WEB



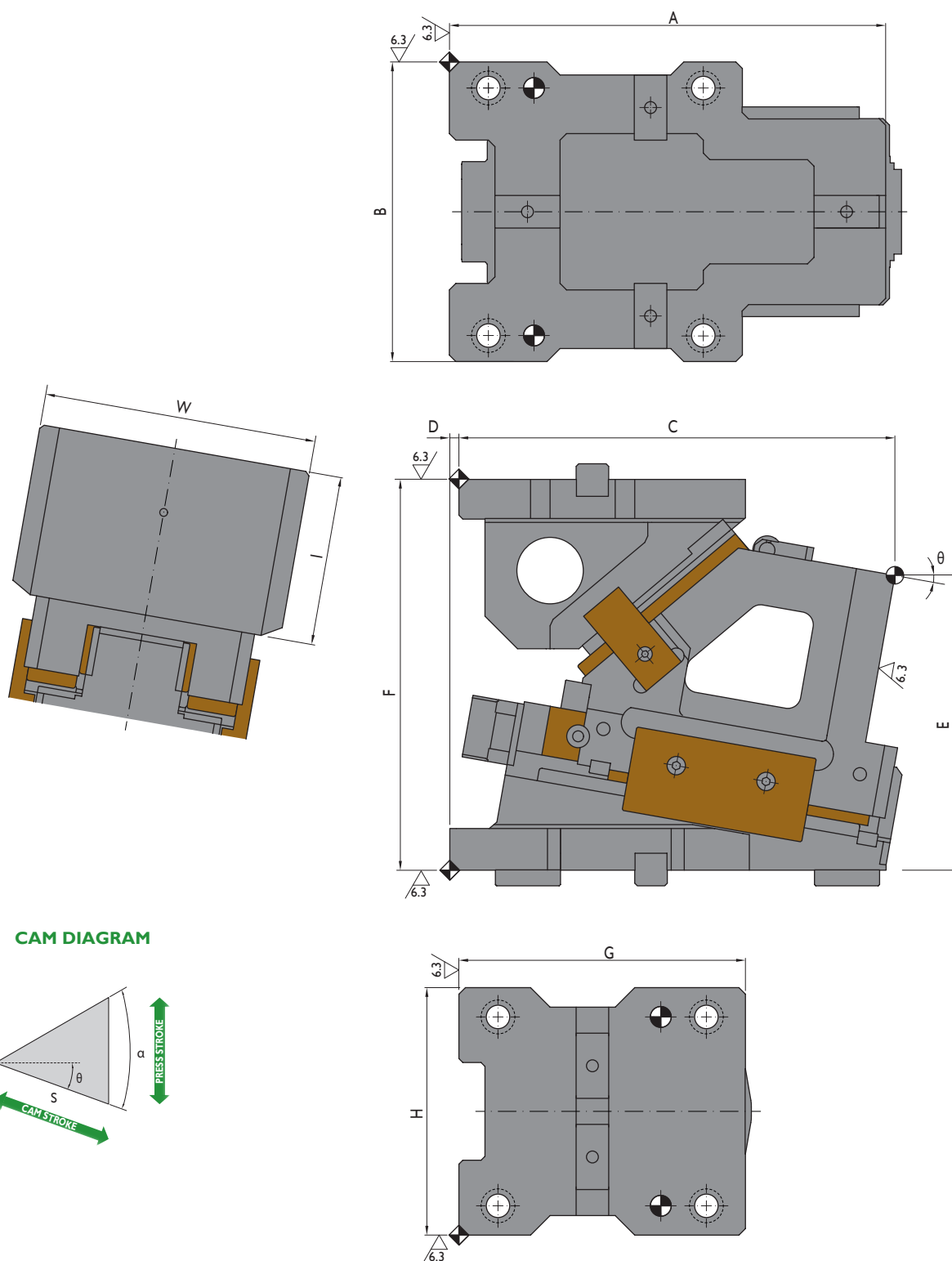
CAD

GLOBAL STANDARD COMPONENTS

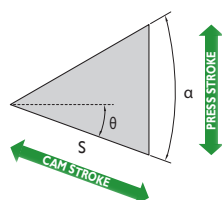
NAAMS



Structure for cams width 210 - 300 mm



CAM DIAGRAM



Ordering example: CDCN-W- θ -S
CDCN-300-15-60

Order No.				Main Features			General Dimensions											
Model	W mm	θ °	S mm	Working Force tnf 300,000 strokes	Weight kg	Spring Force kgf	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	J mm	α °	
CDCN	70	00	45	7	19.5	280	290	70	252.5	10	195	225	185	70	90	-	50	
CDCN	70	05	45	7	20	280	290	70	250.6	25	185.91	225	185	70	90	-	50	
CDCN	70	10	45	7	20	280	290	70	253.76	35	176.55	225	185	70	90	-	50	
CDCN	70	15	45	7	20	280	290	70	247.47	45	171.91	225	185	70	90	-	50	
CDCN	70	20	45	7	21	280	290	70	243.69	57	166.99	225	185	70	90	-	50	
CDCN	100	00	55	12	39	560	330	75	278	25	235	275	210	75	100	97	50	
CDCN	100	05	55	12	39	560	330	75	271.1	40	225.91	275	210	75	100	97	50	
CDCN	100	10	55	12	39	560	330	75	274.26	50	211.55	275	210	75	100	97	50	
CDCN	100	15	55	12	39	560	330	75	277.47	60	201.91	275	210	75	100	97	50	
CDCN	100	20	55	12	40	560	330	75	270.69	80	191.99	275	210	75	100	97	50	
CDCN	210	00	60	20	82	540	335	230	360	-45	250	300	220	190	130	-	50	
CDCN	210	05	60	20	82	540	335	230	352.40	-18	240.86	300	220	190	130	-	50	
CDCN	210	10	60	20	82	540	335	230	346.86	7	226.33	300	220	190	130	-	50	
CDCN	210	15	60	20	82	540	335	230	341.35	22	216.40	300	220	190	130	-	50	
CDCN	210	20	60	20	83	540	335	230	330.82	47	206.09	300	220	190	130	-	50	
CDCN	300	00	60	37	166	1120	390	350	360	0	325	375	220	270	160	-	50	
CDCN	300	05	60	37	166	1120	380	350	360.71	15	300.80	375	220	270	160	-	50	
CDCN	300	10	60	37	170	1120	380	350	356.47	35	291.10	375	220	270	160	-	50	
CDCN	300	15	60	37	171	1120	380	350	352.23	55	275.89	375	220	270	160	-	50	
CDCN	300	20	60	37	171	1120	380	350	347.95	75	260.18	375	220	270	160	-	50	

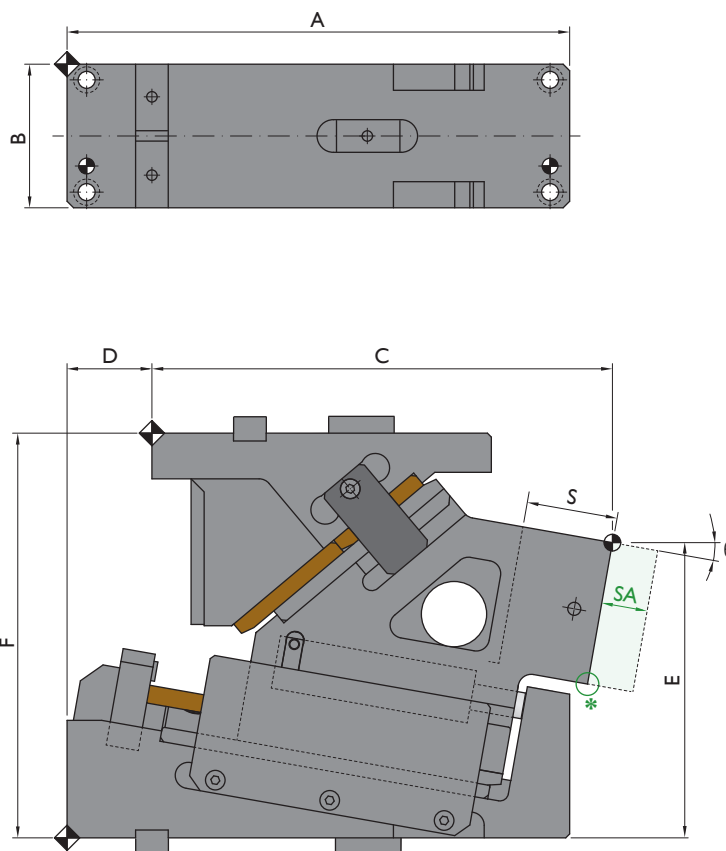


WEB



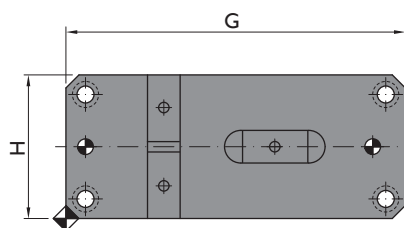
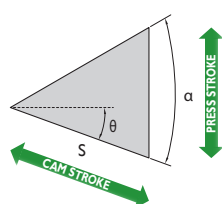
CAD

VDI



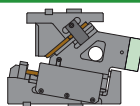
* CDCV-330 and CDCV-400

CAM DIAGRAM



Available Options

SA



Additional slider length available
l - 40 mm
(1 mm steps)

CDCV 50
CDCV 85

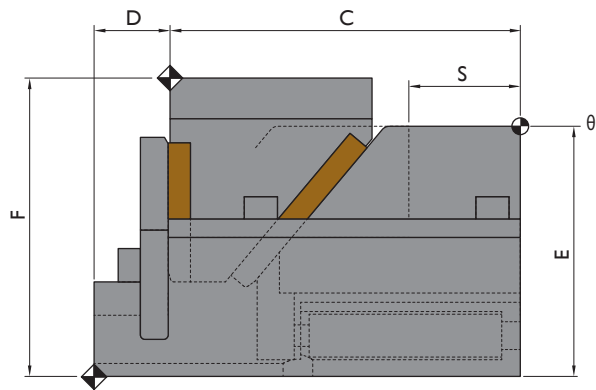
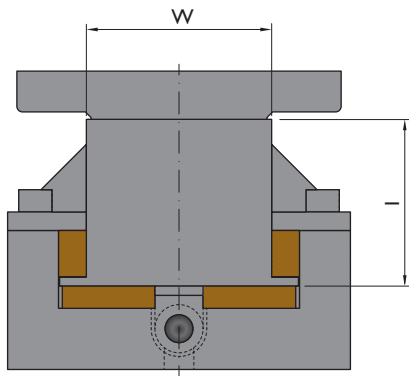
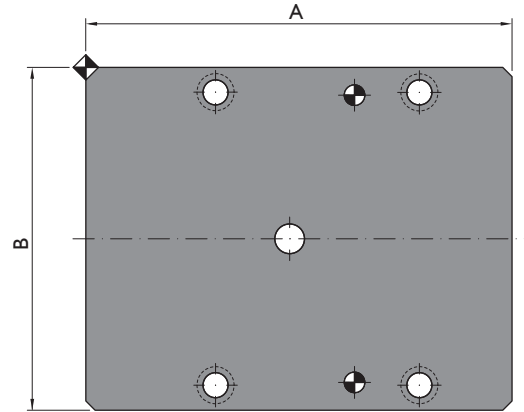
SA1 - SA2 - ... - SA40
SA1 - SA2 - ... - SA40

Ordering example: CDCV-W-θ-S-SA
CDCV-150-05-70
CDCV-150-05-70-SA29

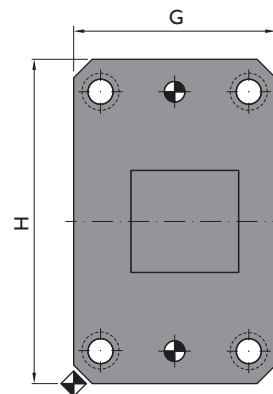
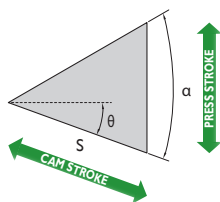
(Standard dimensions)
(Additional slider length (29 mm))

Order No.				Main Features			General Dimensions									
Model	W mm	θ °	S mm	Working Force tnf 300.000 strokes	Weight kg	Spring Force kgf	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	α °
CDCV	50	00	55	3	19	560	300	50	260	40	191	250	190	50	75	50
CDCV	50	05	55	3	19	560	300	50	260.76	50	180.73	250	190	50	75	50
CDCV	50	10	55	3	19	560	300	50	263.12	55	169.8	250	190	50	75	50
CDCV	50	15	55	3	20	560	300	50	260.02	65	162.25	250	190	50	75	50
CDCV	50	20	55	3	20	560	300	50	261.41	70	155.12	250	190	50	75	50
CDCV	85	00	70	6	45	710	340	85	325	15	235	290	235	80	85	50
CDCV	85	05	70	6	45	710	340	85	324.32	30	225.4	290	235	80	85	50
CDCV	85	10	70	6	45	710	340	85	318.2	45	215.01	290	235	80	85	50
CDCV	85	15	70	6	46	710	340	85	316.68	55	204.86	290	235	80	85	50
CDCV	85	20	70	6	47	710	340	85	309.39	70	195.01	290	235	80	85	50
CDCV	110	00	70	12	70	1100	385	110	360	25	250	310	260	110	110	50
CDCV	110	05	70	12	70	1100	385	110	361.59	40	235.56	310	260	110	110	50
CDCV	110	10	70	12	71	1100	385	110	352.76	65	226.13	310	260	110	110	50
CDCV	110	15	70	12	73	1100	385	110	353.41	75	215.75	310	260	110	110	50
CDCV	110	20	70	12	75	1100	385	110	348.46	90	204.47	310	260	110	110	50
CDCV	150	00	70	17	99	1400	390	150	355	35	250	310	260	150	110	50
CDCV	150	05	70	17	100	1400	390	150	362.59	45	237.48	310	260	150	110	50
CDCV	150	10	70	17	101	1400	390	150	358.74	65	224.96	310	260	150	110	50
CDCV	150	15	70	17	103	1400	390	150	364.37	70	212.49	310	260	150	110	50
CDCV	150	20	70	17	106	1400	390	150	364.4	80	200.13	310	260	150	110	50
CDCV	220	00	70	25	139	2200	390	220	355	35	247	310	260	220	110	50
CDCV	220	05	70	25	140	2200	390	220	356.59	50	234.56	310	260	220	110	50
CDCV	220	10	70	25	141	2200	390	220	347.76	75	223.13	310	260	220	110	50
CDCV	220	15	70	25	145	2200	390	220	348.41	85	211.75	310	260	220	110	50
CDCV	220	20	70	25	150	2200	390	220	346.46	97	200.47	310	260	220	110	50
CDCV	330	00	80	35	251	2800	400	330	335	65	326	380	260	330	180	50
CDCV	330	05	80	35	251	2800	400	330	334.2	90	316.67	380	260	330	180	50
CDCV	330	10	80	35	253	2800	400	330	337.94	105	305.68	380	260	330	180	50
CDCV	330	15	80	35	253	2800	400	330	336.09	125	292.08	380	260	330	180	50
CDCV	330	20	80	35	262	2800	400	330	333.52	145	282.93	380	260	330	180	50
CDCV	400	00	80	44	345	2800	445	400	395	50	341	400	300	400	180	50
CDCV	400	05	80	44	341	2800	445	400	394.2	75	325.67	400	300	400	180	50
CDCV	400	10	80	44	348	2800	445	400	392.94	95	314.68	400	300	400	180	50
CDCV	400	15	80	44	355	2800	445	400	391.09	110	302.08	400	300	400	180	50
CDCV	400	20	80	44	366	2800	445	400	393.52	125	282.93	400	300	400	180	50

WEB



CAM DIAGRAM

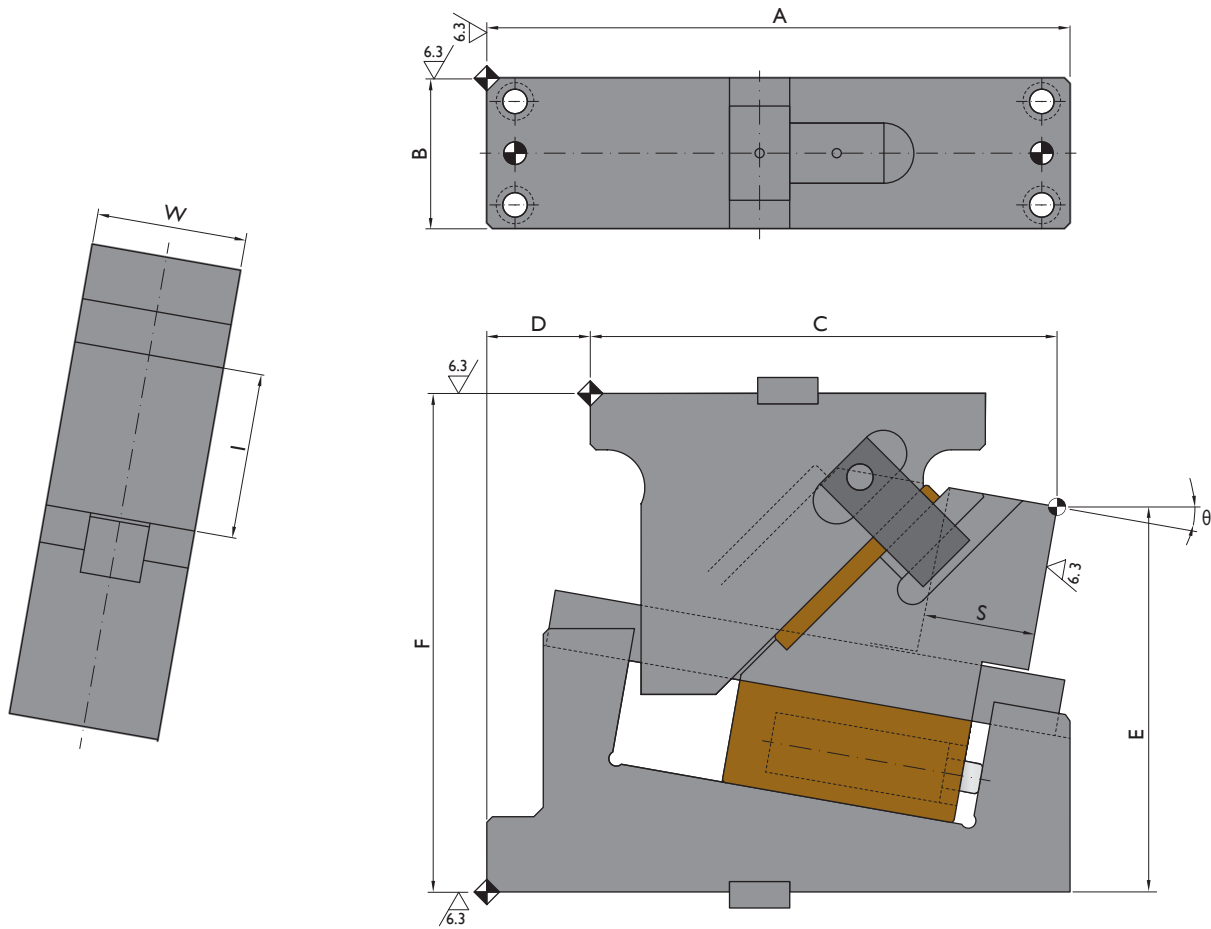


Ordering example: CDCV-F-W-θ-S
CDCV-F-100-00-60

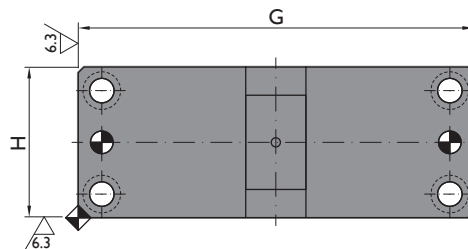
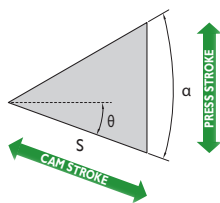
Order No.				Main Features			General Dimensions									
Model	W mm	θ °	S mm	Working Force tnf 300.000 strokes	Weight kg	Spring Force kgf	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	α °
CDCV-F	65	00	40	18	19	560	200	134	159	41	135	161	89	130	90	50
CDCV-F	65	00	60	18	21	560	230	134	189	41	135	161	109	130	90	50
CDCV-F	65	00	80	23	29	560	265	134	224	41	160	186	149	130	115	50
CDCV-F	65	00	100	27	38	560	305	134	264	41	180	207	169	130	135	50
CDCV-F	100	00	40	28	31	560	200	185	159	41	135	161	89	175	90	50
CDCV-F	100	00	60	28	36	560	230	185	189	41	135	161	109	175	90	50
CDCV-F	100	00	80	35	43	560	265	185	224	41	160	186	149	175	115	50
CDCV-F	100	00	100	41	56	560	305	185	264	41	180	207	169	175	135	50
CDCV-F	150	00	40	41	39	560	205	260	159	46	135	161	89	250	90	50
CDCV-F	150	00	60	41	43	560	235	260	189	46	135	161	109	250	90	50
CDCV-F	150	00	80	53	61	560	270	260	224	46	160	186	149	250	115	50
CDCV-F	150	00	100	62	78	560	310	260	264	46	180	207	169	250	135	50

WEB
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CAD

Structure for cams width 50 - 80 mm



CAM DIAGRAM



Available Options

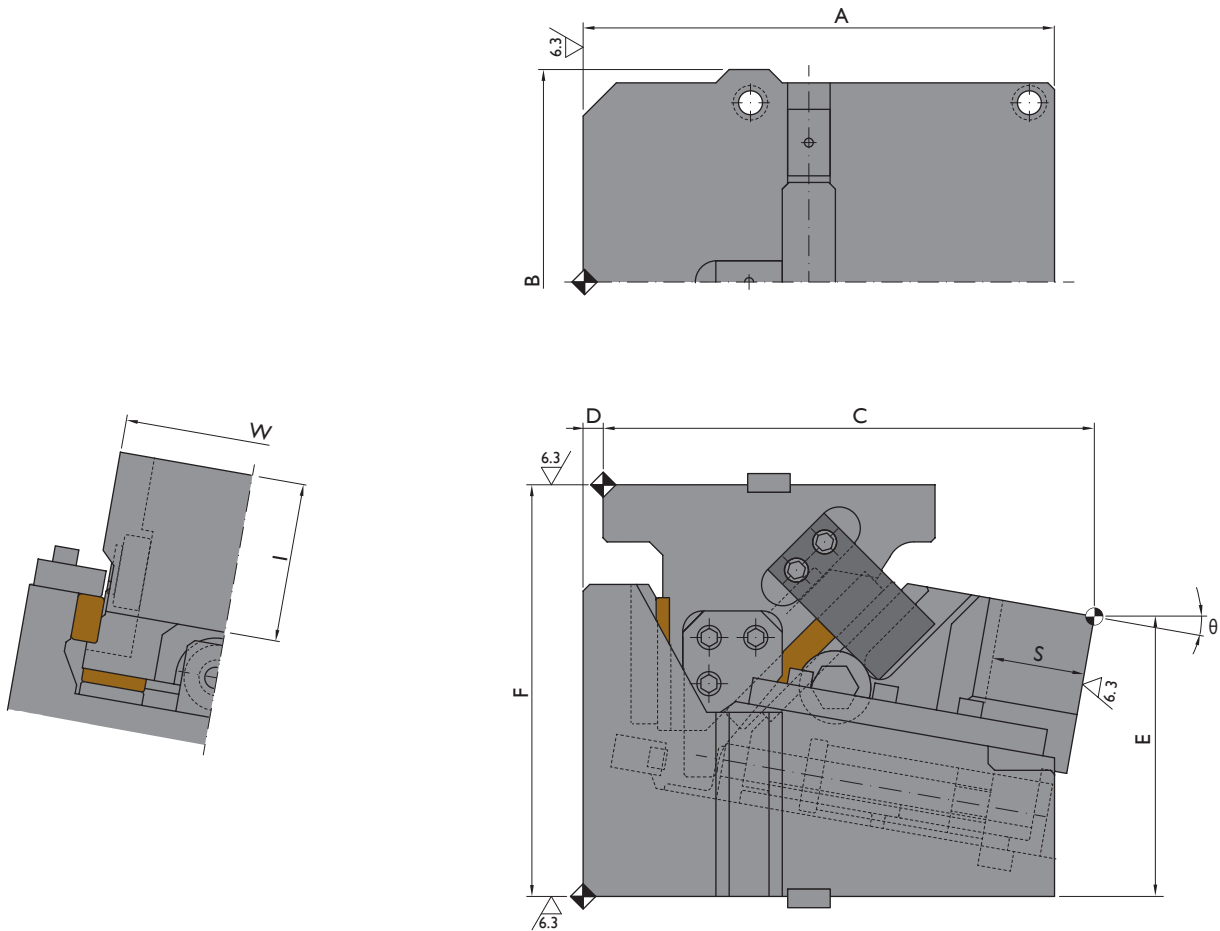
		P	
		Pin holes diameters available	
		Standards	Options
CDCP	50	-	-
CDCP	80	Ø12 H7	P13 (Ø13 H7)

Ordering example: CDCP-W-θ-S-P
 CDCP-80-10-60
 CDCP-80-10-60-P13

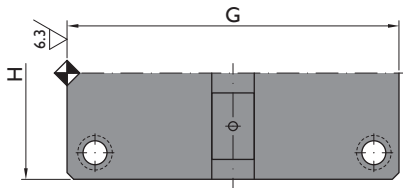
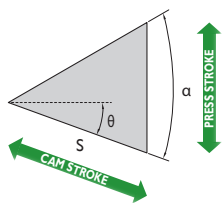
(Standard dimensions)
 (Ø13 H7 holes)

WEB
↓
CAD

Structure for cams width 150 - 300 mm

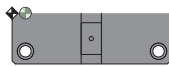
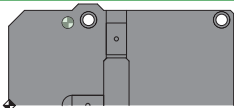


CAM DIAGRAM



Available Options

NP



Ø16 H7 pin holes available for the cam holder and cam driver.

CDCP	150
CDCP	200
CDCP	300

NP
NP
NP

Ordering example: CDCP-W-θ-S-NP
 CDCP-200-10-60
 CDCP-200-10-60-NP

(Standard dimensions)
 (Ø16 H7 additional pin holes drilled for the cam holder and the cam driver)

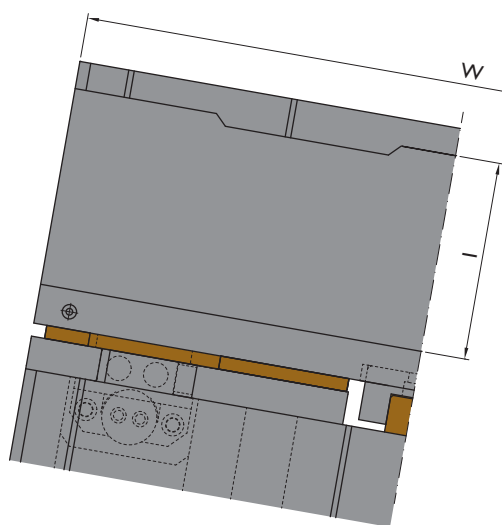
Order No.				Main Features			General Dimensions									
Model	W mm	θ °	S mm	Working Force tnf 300.000 strokes	Weight kg	Spring Force kgf	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	α °
CDCP	50	00	60	I	17.3	280	255	50	230	10	165	240	170	50	68	55
CDCP	50	05	60	I	18.1	280	290	50	236.25	45	162.76	240	180	50	68	55
CDCP	50	10	60	I	18.5	280	290	50	237.27	50	159.55	240	180	50	68	55
CDCP	50	15	60	I	19.2	280	295	50	242.97	55	155.39	240	185	50	68	55
CDCP	50	20	60	I	19.8	280	295	50	238.26	70	150.32	240	185	50	68	55
CDCP	50	25	60	I	20	280	295	50	238.07	70	144.37	240	185	50	68	55
CDCP	50	30	60	I	20.4	280	295	50	232.32	80	137.58	240	185	50	68	55
CDCP	80	00	60	4	33.2	540	310	80	235	50	210	265	210	80	88	55
CDCP	80	05	60	4	33.5	540	310	80	238.32	55	208.03	265	210	80	88	55
CDCP	80	10	60	4	34.4	540	310	80	248.17	55	204.74	265	210	80	88	55
CDCP	80	15	60	4	35.1	540	310	80	252.6	60	200.15	265	210	80	88	55
CDCP	80	20	60	4	35.6	540	310	80	251.51	70	194.32	265	210	80	88	55
CDCP	80	25	60	4	36.3	540	310	80	249.78	80	187.26	265	210	80	88	55
CDCP	80	30	60	4	36.7	540	310	80	247.31	85	179.05	265	210	80	88	55
CDCP	150	00	60	12	130	1400	355	290	350	15	230	300	230	150	120	55
CDCP	150	05	60	12	134	1400	365	290	363.47	15	218.45	300	240	150	120	55
CDCP	150	10	60	12	137.4	1400	355	290	370.01	15	210.82	310	250	150	120	55
CDCP	150	15	60	12	138	1400	350	290	379.53	15	202.26	310	265	150	120	55
CDCP	150	20	60	12	146	1400	345	290	381.96	15	197.96	335	270	150	120	55
CDCP	150	25	60	12	150	1400	340	290	382.25	15	188.11	345	285	150	120	55
CDCP	150	30	60	12	161	1400	335	290	385.35	15	177.89	360	295	150	120	55
CDCP	200	00	60	15	137	1400	355	320	350	15	230	300	230	160	120	55
CDCP	200	05	60	15	142	1400	365	320	363.47	15	218.45	300	240	160	120	55
CDCP	200	10	60	15	146	1400	355	320	370.01	15	210.82	310	250	160	120	55
CDCP	200	15	60	15	152	1400	350	320	379.53	15	202.26	310	265	160	120	55
CDCP	200	20	60	15	160	1400	345	320	381.96	15	197.96	335	270	160	120	55
CDCP	200	25	60	15	165	1400	340	320	382.25	15	188.11	345	285	160	120	55
CDCP	200	30	60	15	172	1400	335	320	385.35	15	177.89	360	295	160	120	55
CDCP	300	00	60	30	243	2800	380	410	390	30	265	335	270	250	120	55
CDCP	300	05	60	30	250	2800	375	410	401.84	30	260.69	335	280	250	120	55
CDCP	300	10	60	30	261	2800	370	410	412.57	30	247.17	355	290	250	120	55
CDCP	300	15	60	30	263	2800	365	410	419.63	30	238.91	355	300	250	120	55
CDCP	300	20	60	30	275	2800	360	410	424.17	30	229.71	375	310	250	120	55
CDCP	300	25	60	30	287	2800	355	410	431.14	30	214.79	385	330	250	120	55
CDCP	300	30	60	30	303	2800	350	410	435.47	30	204.37	405	350	250	120	55



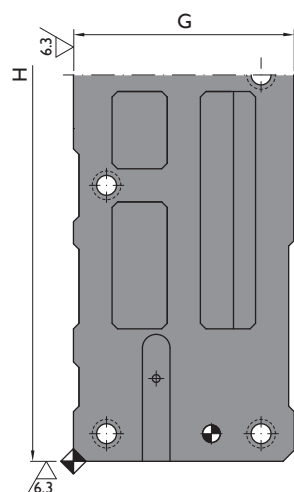
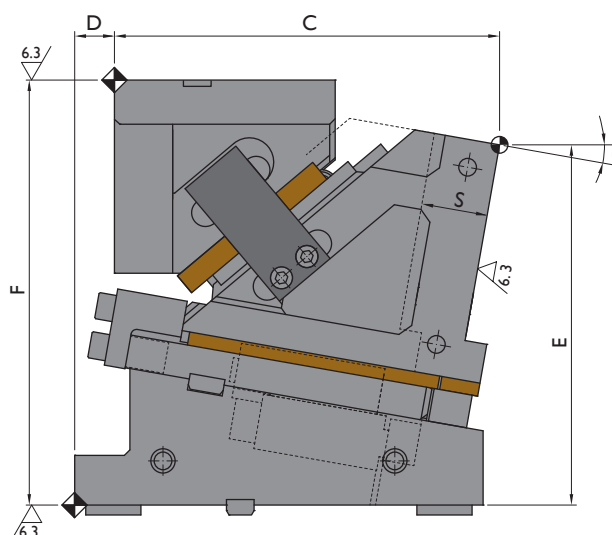
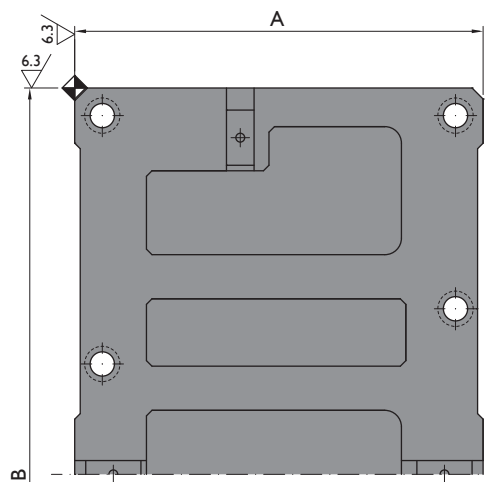
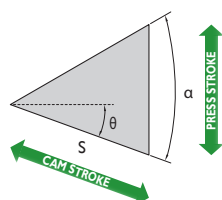
WEB



CAD



CAM DIAGRAM



Ordering example: CDCL-W- θ -S
CDCL-700-10-60

Order No.				Main Features			General Dimensions									
Model	W mm	θ °	S mm	Working Force tnf 300.000 strokes	Weight kg	Spring Force kgf	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	α °
CDCL 500 00 60	500	00	60	32	316	2200	370	500	344	6	360	385	200	500	180	50
CDCL 500 05 60	500	05	60	32	310	2200	370	500	347.2	21	343.27	385	200	500	180	50
CDCL 500 10 60	500	10	60	32	306	2200	370	500	348.93	36	326.32	385	200	500	180	50
CDCL 500 15 60	500	15	60	32	302	2200	370	500	349.17	51	309.29	385	200	500	180	50
CDCL 500 20 60	500	20	60	32	298	2200	370	500	347.93	66	292.3	385	200	500	180	50
CDCL 600 00 60	600	00	60	32	325	2200	370	500	344	6	360	385	200	500	180	50
CDCL 600 05 60	600	05	60	32	318	2200	370	500	347.2	21	343.27	385	200	500	180	50
CDCL 600 10 60	600	10	60	32	314	2200	370	500	348.93	36	326.32	385	200	500	180	50
CDCL 600 15 60	600	15	60	32	310	2200	370	500	349.17	51	309.29	385	200	500	180	50
CDCL 600 20 60	600	20	60	32	306	2200	370	500	347.93	66	292.3	385	200	500	180	50
CDCL 700 00 60	700	00	60	48	436	2200	370	700	344	6	360	385	200	700	180	50
CDCL 700 05 60	700	05	60	48	429	2200	370	700	347.2	21	343.27	385	200	700	180	50
CDCL 700 10 60	700	10	60	48	421	2200	370	700	348.93	36	326.32	385	200	700	180	50
CDCL 700 15 60	700	15	60	48	415	2200	370	700	349.17	51	309.29	385	200	700	180	50
CDCL 700 20 60	700	20	60	48	410	2200	370	700	347.93	66	292.3	385	200	700	180	50
CDCL 800 00 60	800	00	60	48	446	2200	370	700	344	6	360	385	200	700	180	50
CDCL 800 05 60	800	05	60	48	438	2200	370	700	347.2	21	343.27	385	200	700	180	50
CDCL 800 10 60	800	10	60	48	430	2200	370	700	348.93	36	326.32	385	200	700	180	50
CDCL 800 15 60	800	15	60	48	424	2200	370	700	349.17	51	309.29	385	200	700	180	50
CDCL 800 20 60	800	20	60	48	418	2200	370	700	347.93	66	292.3	385	200	700	180	50
CDCL 900 00 60	900	00	60	64	571	4400	370	900	344	6	360	385	200	900	180	50
CDCL 900 05 60	900	05	60	64	560	4400	370	900	347.2	21	343.27	385	200	900	180	50
CDCL 900 10 60	900	10	60	64	551	4400	370	900	348.93	36	326.32	385	200	900	180	50
CDCL 900 15 60	900	15	60	64	543	4400	370	900	349.17	51	309.29	385	200	900	180	50
CDCL 900 20 60	900	20	60	64	536	4400	370	900	347.93	66	292.3	385	200	900	180	50
CDCL 1000 00 60	1000	00	60	64	579	4400	370	900	344	6	360	385	200	900	180	50
CDCL 1000 05 60	1000	05	60	64	569	4400	370	900	347.2	21	343.27	385	200	900	180	50
CDCL 1000 10 60	1000	10	60	64	560	4400	370	900	348.93	36	326.32	385	200	900	180	50
CDCL 1000 15 60	1000	15	60	64	551	4400	370	900	349.17	51	309.29	385	200	900	180	50
CDCL 1000 20 60	1000	20	60	64	544	4400	370	900	347.93	66	292.3	385	200	900	180	50