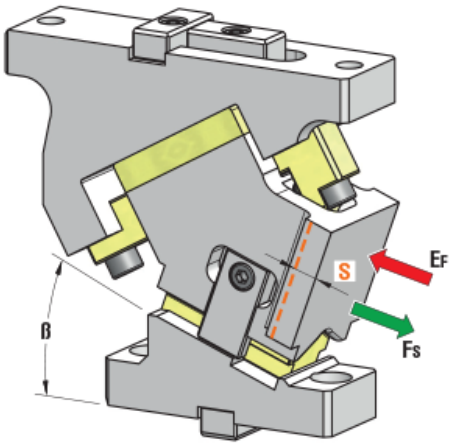
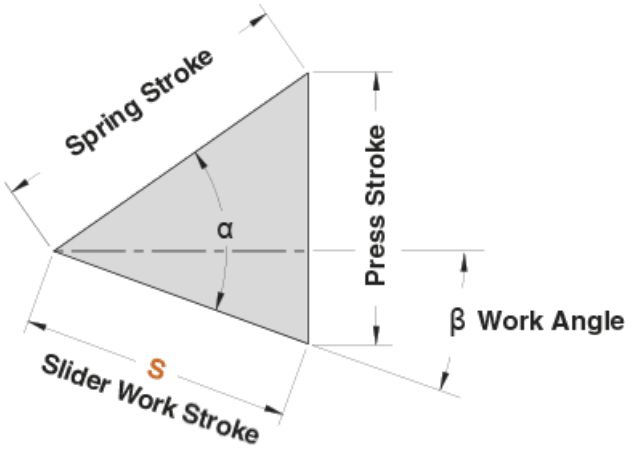
1. CAM DIAGRAM

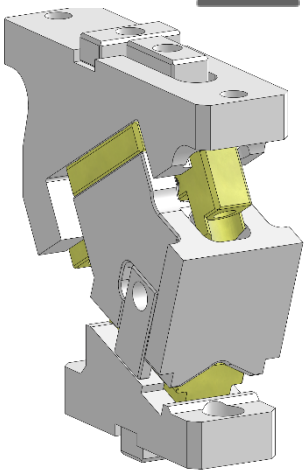




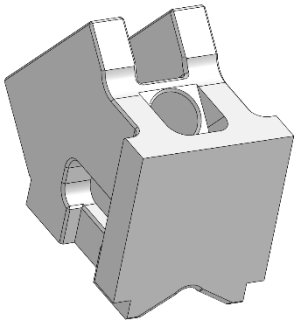
OMCR CODE	Work Angle β	Slider Work Stroke S (mm)	Press Stroke (mm)	Spring Stroke (mm)	α - β	α
CHD065.00	0°	14,98	17,85	23,3	50°	50°
CHD065.05	5°	15,62	16,92	22	45°	50°
CHD065.10	10°	15,64	15,64	20,1	40°	50°
CHD065.15	15°	16,96	15,86	20	35°	50°
CHD065.20	20°	18,43	16,30	20	30°	50°
CHD065.25	25°	18,00	15,21	18	25°	50°
CHD065.30	30°	17,36	14,15	16	20°	50°
CHD065.35	35°	18,87	14,96	16	15°	50°
CHD065.40	40°	20,57	16,00	16	10°	50°
CHD065.45	45°	22,54	17,33	16	5°	50°
CHD065.50	50°	23,34	17,88	15	0°	50°
CHD065.55	55°	26,05	20,03	15	-5°	50°
CHD065.60	60°	31,51	24,51	16	-10°	50°
CHD065.65	65°	36,57	29,00	16	-15°	50°

2. CAM WEIGHT INFORMATIONS

CAM WEIGHT kg



SLIDER WEIGHT kg



OMCR CODE	CAM WEIGHT (kg)	SLIDER WEIGHT (kg)
CHD065.00	8,8	2,0
CHD065.05	8,8	2,0
CHD065.10	8,3	2,0
CHD065.15	8,1	2,0
CHD065.20	7,9	2,0
CHD065.25	7,8	2,0
CHD065.30	7,7	2,0
CHD065.35	7,7	2,0
CHD065.40	7,6	2,0
CHD065.45	7,6	2,0
CHD065.50	7,5	2,0
CHD065.55	8,0	2,0
CHD065.60	8,1	2,0
CHD065.65	8,4	2,0

3. WORK FORCE DISTRIBUTION (kN) FOR 1 MILLION CYCLES

The following diagrams illustrate the maximum possible ranges of cam force appliable in several portions of the work area but always working in the exact direction of slider work stroke. If several forces are applied simultaneously on the work area, their common center has to be specified and compared with the tabular infos. The sum of all forces has to be lower than the corresponding tabular value.

Fs *Max Work Force with shoulder*

Fk *Max Work Force with fitting keys*

For CHD065 and CHD065SL with SL ≤ 30 mm

Assembly with shoulder

β=0°÷65°		WIDTH				
		10	15	15	15	10
HEIGHT	20	3	18	37	18	3
	25	5	23	**60**	23	5
	20	4	21	33	21	4

Assembly with fitting keys

β=0°÷65°		WIDTH				
		10	15	15	15	10
HEIGHT	20	3	9	10	18	3
	25	5	12	16	23	5
	20	4	15	**22**	21	4

For CHD065SL with 30 < SL ≤ 60 mm

Assembly with shoulder

β=0°÷65°		WIDTH				
		10	15	15	15	10
HEIGHT	20	3	9	22	9	3
	25	5	13	**39**	13	5
	20	4	15	29	15	4

Assembly with fitting keys

β=0°÷65°		WIDTH				
		10	15	15	15	10
HEIGHT	20	3	9	10	18	3
	25	5	12	16	23	5
	20	4	15	**22**	21	4