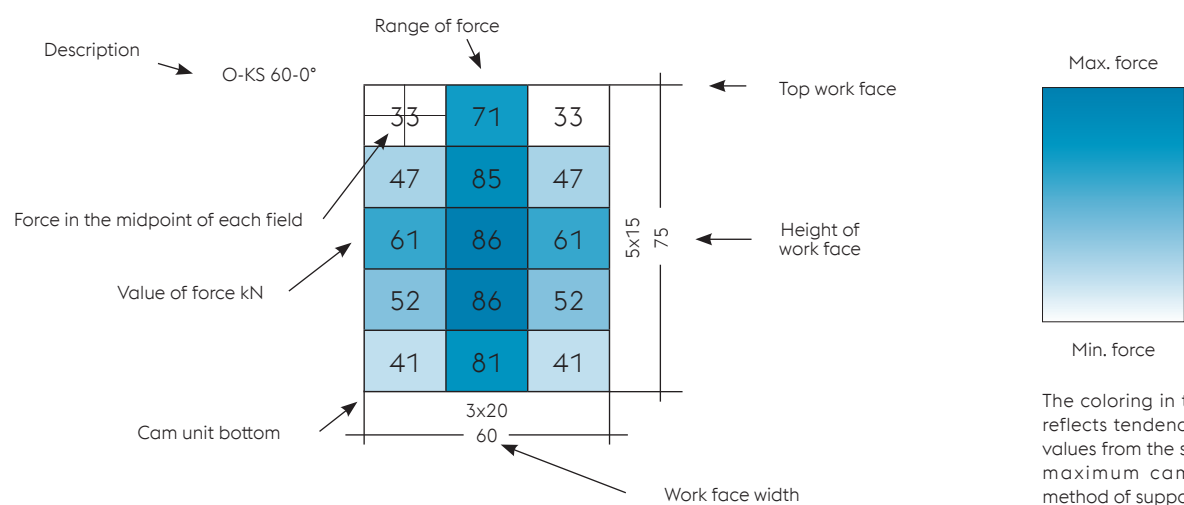


PERMISSIBLE CAM FORCES

The following overview shows the permissible cam force in the center of each field in the direction of cam travel (rounded values). In the event of several different forces, the common center of force must be determined and compared with the values indicated in the table. All introduced forces must always be lower than those indicated in the table.



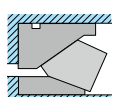
The O-KS 60 features a highly convincing force diagram that depicts both shouldering and fitting key support..

O-KS 60

FORCE DISTRIBUTION

Angle dimension 0°-15°

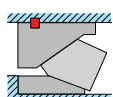
Permissible cam forces



Shouldering

Shouldering support at top and bottom

UCCU/O-KS 60-0°			UCCU/O-KS 60-5°			UCCU/O-KS 60-10°			UCCU/O-KS 60-15°		
45	101	45	47	113	47	41	98	41	42	109	42
67	120	67	73	130	73	61	117	61	67	126	67
86	124	86	83	131	83	87	119	87	85	126	85
72	119	72	66	128	66	77	118	77	68	126	68
58	108	58	49	114	49	60	118	60	53	120	53
60			60			60			60		



Fitting key

Fitting key support at top,
shouldering support at bottom

UCCU/O-KS 60-0°			UCCU/O-KS 60-5°			UCCU/O-KS 60-10°			UCCU/O-KS 60-15°		
37	37	37	39	41	39	40	46	40	41	48	41
38	38	38	41	41	41	46	46	46	49	49	49
38	38	38	41	41	41	45	45	45	49	50	49
38	38	38	41	42	41	46	47	46	50	50	50
38	38	38	41	41	41	46	46	46	48	50	48
60			60			60			60		

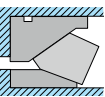
Rounded values

O-KS 60

FORCE DISTRIBUTION

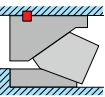
Angle dimension 20°-35°

Permissible cam forces



Shouldering
Shouldering support at top and bottom

UCCU/O-KS 60-20°			UCCU/O-KS 60-25°			UCCU/O-KS 60-30°			UCCU/O-KS 60-35°		
43	102	43	42	113	42	18	89	18	11	67	11
63	119	63	69	126	69	35	143	35	24	129	24
85	118	85	86	126	86	65	152	65	45	157	45
75	118	75	69	126	69	70	143	70	72	149	72
59	115	59	54	116	54	57	119	57	61	113	61
60			60			60			60		
75											



Fitting key
Fitting key support at top, shouldering support at bottom

UCCU/O-KS 60-20°			UCCU/O-KS 60-25°			UCCU/O-KS 60-30°			UCCU/O-KS 60-35°		
43	59	43	43	64	43	19	56	19	12	50	12
57	60	57	60	64	60	34	56	34	24	59	24
59	59	59	64	64	64	57	57	57	46	59	46
60	61	60	64	65	64	58	58	58	59	60	59
57	60	57	54	65	54	55	58	55	58	59	58
60			60			60			60		
75											

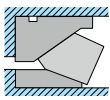
Rounded values

O-KS 60

FORCE DISTRIBUTION

Angle dimension 40°-55°

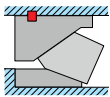
Permissible cam forces



Shouldering

Shouldering support at top and bottom

UCCU/O-KS 60-40°			UCCU/O-KS 60-45°			UCCU/O-KS 60-50°			UCCU/O-KS 60-55°		
16	83	16	8	57	8	7	69	7	5	50	5
32	142	32	18	124	18	15	147	15	6	127	6
61	153	61	41	157	41	43	160	43	19	162	19
73	139	73	71	147	71	62	129	62	55	130	55
58	131	58	62	113	62	47	112	47	50	115	50
60			60			60			60		



Fitting key

Fitting key support at top,
shouldering support at bottom

UCCU/O-KS 60-40°			UCCU/O-KS 60-45°			UCCU/O-KS 60-50°			UCCU/O-KS 60-55°		
16	65	16	6	53	6	4	52	4	4	47	4
32	73	32	13	75	13	8	77	8	5	76	5
61	73	61	42	75	42	43	78	43	9	78	9
72	74	72	72	76	72	64	79	64	56	79	56
59	74	59	64	78	64	48	81	48	53	82	53
60			60			60			60		

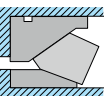
Rounded values

O-KS 60

FORCE DISTRIBUTION

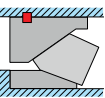
Angle dimension 60°-75°

Permissible cam forces



Shouldering
Shouldering support at top and bottom

UCCU/O-KS 60-60°			UCCU/O-KS 60-65°			UCCU/O-KS 60-70°			UCCU/O-KS 60-75°		
17	85	17	12	74	12	11	82	11	15	55	15
32	143	32	25	142	25	24	148	24	14	131	14
61	154	61	47	161	47	47	161	47	32	161	32
89	153	89	79	162	79	71	158	71	61	162	61
63	142	63	67	151	67	53	126	53	54	126	54
60			60			60			60		
									75		



Fitting key
Fitting key support at top,
shouldering support at bottom

UCCU/O-KS 60-60°			UCCU/O-KS 60-65°			UCCU/O-KS 60-70°			UCCU/O-KS 60-75°		
13	61	13	10	53	10	8	58	8	6	40	6
23	101	23	18	100	18	18	105	18	11	93	11
45	109	45	35	115	35	35	114	35	24	115	24
64	109	64	58	114	58	52	112	52	45	117	45
47	102	47	49	107	49	39	91	39	41	93	41
60			60			60			60		
									75		

Rounded values