KCL / KCLS CAM HANDLES

RoHS Stainless Steel

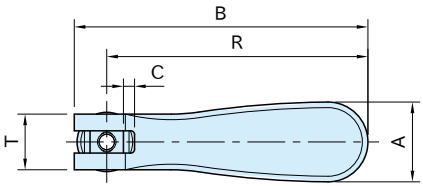
KCL
(Without Stud)

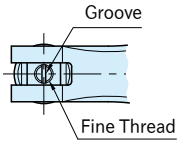
KCL-SUS
(With Stud)

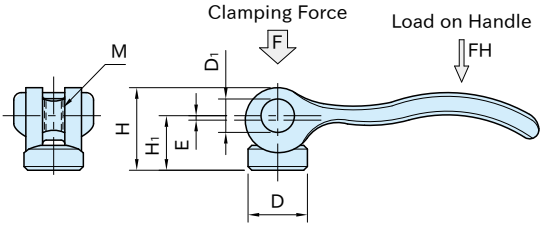
★Key Point
The handle position of Stud type can be set to a desired direction.

Type	Handle	Ring Nut / Washer	Thrust Washer	O-ring (for stud type)
KCL	Die cast aluminum Black powder coating	SUM22L Steel Galvanized trivalent chromate treated	Reinforced plastic	EPDM rubber
KCL-RE	Die cast aluminum Red powder coating			
KCLS	Die cast aluminum Black powder coating	SUS303 stainless steel		
KCL-SUS	Stainless steel (SCS13 equivalent to SUS304) Electroplished finish			

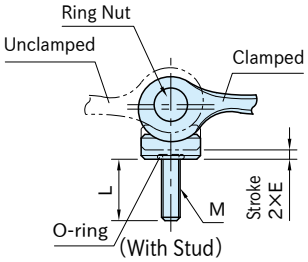
KCL-RE
(With Stud)







(Without Stud)



(With Stud)

Size		E	H_1	R	A	D	M	B	T	H	D_1	C	Clamping Force F(kN)	Load on Handle FH(N)
KCL KCL-RE KCLS KCL-SUS	03	1	9	36.2	14.4	10.7	M 3×0.5	41.7	11.5	13.5	6	0.5	1.5	90
	04A						M 4×0.7							
	04	1	11.4	52.3	18	13.8	M 4×0.7	59.1	13	17.2	8	2	2.5	100
	05A						M 5×0.8							
	05	1.2	14.7	70.4	21.5	16	M 5×0.8	79.2	15	22.2	9	3	4	120
	06						M 6×1							
	08	1.5	18.3	96	33.3	25	M 8×1.25	108	24	28.8	11	5	8	350
	10						M10×1.5							

■Tapped

KCL		KCL-RE		KCLS		KCL-SUS	
Part Number	Weight (g)	Part Number	Weight (g)	Part Number	Weight (g)	Part Number	Weight (g)
KCL03	15	KCL03 -RE	10	KCLS03	8	KCL03 -SUS	18
KCL04A	11	KCL04A-RE		KCLS04A		KCL04A-SUS	20
KCL04	16	KCL04 -RE	18	KCLS04	12	KCL04 -SUS	36
KCL05A	18	KCL05A-RE		KCLS05A	19	KCL05A-SUS	33
KCL05	29	KCL05 -RE	34	KCLS05	34	KCL05 -SUS	62
KCL06		KCL06 -RE	32	KCLS06	35	KCL06 -SUS	
KCL08	91	KCL08 -RE	98	KCLS08	99	KCL08 -SUS	217

■Stud

KCL		KCL-RE		KCLS		KCL-SUS		L
Part Number	Weight (g)	Part Number	Weight (g)	Part Number	Weight (g)	Part Number	Weight (g)	
KCL03 ×10	9	KCL03 ×10-RE	9	KCLS03 ×10	11	KCL03 ×10-SUS	19	10
KCL03 ×15	12	KCL03 ×15-RE		KCLS03 ×15	12	KCL03 ×15-SUS	25	15
KCL03 ×30		KCL03 ×30-RE	10	KCLS03 ×30		KCL03 ×30-SUS	22	30
KCL04A×10		KCL04A×10-RE		KCLS04A×10	13	KCL04A×10-SUS	21	10
KCL04A×15		KCL04A×15-RE		KCLS04A×15	12	KCL04A×15-SUS	25	15
KCL04A×30	13	KCL04A×30-RE	11	KCLS04A×30	13	KCL04A×30-SUS	23	30
KCL04 ×15	21	KCL04 ×15-RE	19	KCLS04 ×15	20	KCL04 ×15-SUS	41	15
KCL04 ×20		KCL04 ×20-RE		KCLS04 ×20	18	KCL04 ×20-SUS	42	20
KCL04 ×30	20	KCL04 ×30-RE	20	KCLS04 ×30		KCL04 ×30-SUS	39	30
KCL05A×20	23	KCL05A×20-RE	22	KCLS05A×20	22	KCL05A×20-SUS	43	20
KCL05A×30		KCL05A×30-RE	23	KCLS05A×30	26	KCL05A×30-SUS	42	30
KCL05A×40	24	KCL05A×40-RE		KCLS05A×40		KCL05A×40-SUS	43	40
KCL05A×50	26	KCL05A×50-RE	24	KCLS05A×50		KCL05A×50-SUS		50
KCL05 ×20	35	KCL05 ×20-RE	39	KCLS05 ×20	39	KCL05 ×20-SUS	68	20
KCL05 ×30	36	KCL05 ×30-RE		KCLS05 ×30		KCL05 ×30-SUS	69	30
KCL05 ×40	37	KCL05 ×40-RE	40	KCLS05 ×40	40	KCL05 ×40-SUS	70	40
KCL05 ×50	38	KCL05 ×50-RE	41	KCLS05 ×50		KCL05 ×50-SUS	71	50
KCL06 ×20	37	KCL06 ×20-RE		KCLS06 ×20	41	KCL06 ×20-SUS	70	20
KCL06 ×30	39	KCL06 ×30-RE	42	KCLS06 ×30	42	KCL06 ×30-SUS	72	30
KCL06 ×40	41	KCL06 ×40-RE	43	KCLS06 ×40	44	KCL06 ×40-SUS	74	40
KCL06 ×50	43	KCL06 ×50-RE		KCLS06 ×50	42	KCL06 ×50-SUS	76	50
KCL08 ×25	108	KCL08 ×25-RE	114	KCLS08 ×25	115	KCL08 ×25-SUS	234	25
KCL08 ×30	109	KCL08 ×30-RE	120	KCLS08 ×30		KCL08 ×30-SUS	235	30
KCL08 ×40	111	KCL08 ×40-RE	117	KCLS08 ×40	118	KCL08 ×40-SUS	237	40
KCL08 ×50	113	KCL08 ×50-RE	118	KCLS08 ×50	120	KCL08 ×50-SUS	239	50
KCL10 ×25	112	KCL10 ×25-RE	121	KCLS10 ×25	121	KCL10 ×25-SUS	238	25
KCL10 ×30	114	KCL10 ×30-RE		KCLS10 ×30	128	KCL10 ×30-SUS	240	30
KCL10 ×40	119	KCL10 ×40-RE	122	KCLS10 ×40		KCL10 ×40-SUS	245	40
KCL10 ×50	124	KCL10 ×50-RE	123	KCLS10 ×50	132	KCL10 ×50-SUS	250	50

Continuing on Next Page

Feature

・Cam Handles are designed for quick, easy clamping and unclamping just by setting down and raising the handle.

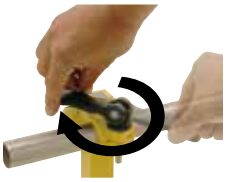
・The stud type ring nut has a fine thread to allow fine adjustment of lever direction, tilt, and load. The tapped type has a coarse thread, so the two types are not interchangeable.

Technical Information

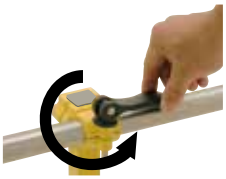
Working temperature : Tapped −40℃ to 90℃
Stud −30℃ to 90℃

Hou To Use

How To Mount Stud-type Cam Handles



①
Fold the handle fully and screw it in the counterpart.



②
Turn the handle to a desired position.

③
Adjust the handle angle to a desired position with a screwdriver.