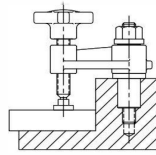


SWING CLAMP ASSEMBLIES

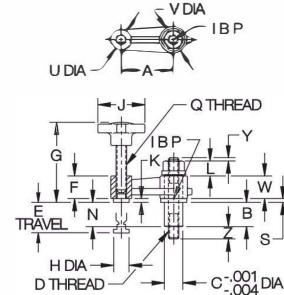
ARM: NODULAR IRON PER ASTM A536 GRADE 65-45-12, ZINC PLATED CLEAR CHROMATE
ALL OTHER PARTS: MILD STEEL, BLACK OXIDE FINISH



**Knob Handle
Post Mounted**



Long-reach swing clamp that can be hand tightened for medium clamping force. The post-mounted version is ideal for tight spaces, with a long mounting post for increased strength. Swing arm can be turned over for more clearance underneath. Install in a reamed hole. To order with a Delrin® foot instead of steel, add "N" to the part number. Example: CL-1-SWA-1N.



KNOB HANDLE, POST MOUNTED (INCH)

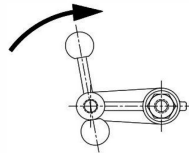
PART NO.	D THREAD SIZE	A	B	C DIA NOMINAL	C DIA ACTUAL -.001/-0.004	E	F	G	H DIA	J	K	L	N	Q THREAD	S	U DIA	V DIA	W	Y	Z
CL-1-SWA-1	5/16-18	1-1/2	.80	9/16	.563	19/32	3/4	2-5/8	1/2	1-1/2	5/32	7/16	.80	5/16-18	.16	11/16	15/16	3/4	.07	.80
CL-4-SWA-1	1/2-13	2	1.18	7/8	.875	1-1/2	1-1/8	4-3/16	3/4	2	3/16	3/4	1.18	1/2-13	.19	1	1-5/16	1-1/8	.10	.67
CLM-4-SWA-1	1/2-13	2-1/2	1.18	7/8	.875	1-1/2	1-1/8	4-3/16	3/4	2	3/16	3/4	1.18	1/2-13	.19	1	1-5/16	1-1/8	.10	.67
CL-2-SWA-1	5/8-11	3	1.55	1-1/8	1.125	1-25/32	1-5/16	4-13/16	15/16	2-1/2	7/32	7/8	1.55	5/8-11	.22	1-5/16	1-3/4	1-1/2	.13	.74
CL-3-SWA-1	5/8-11	4	1.55	1-1/8	1.125	1-25/32	1-5/16	4-13/16	15/16	2-1/2	7/32	7/8	1.55	5/8-11	.22	1-5/16	1-3/4	1-1/2	.13	.74

KNOB HANDLE, POST MOUNTED (METRIC)

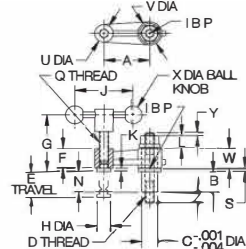
PART NO.	D THREAD SIZE	THREAD PITCH (mm)	A (mm)	B (mm)	C DIA ACTUAL -.03/-0.10 (mm)	E (mm)	F (mm)	G (mm)	H DIA (mm)	J (mm)	K (mm)	L (mm)	N (mm)	Q THREAD	S (mm)	U DIA (mm)	V DIA (mm)	W (mm)	Y (mm)	Z (mm)
CLM-1-SWA-1	M8	1.25	38.1	20.3	14	15.1	19.1	66.7	12.7	38.1	4	11.3	20.3	5/16-18	4.1	17.5	23.8	19.1	1.3	24
CLM-4-SWA-1	M12	1.75	50.8	30	22	38.1	28.6	106.4	19.1	50.8	4.8	18.3	30	1/2-13	4.8	25.4	33.3	28.6	3	25.5
CLM-5-SWA-1	M12	1.75	63.5	30	22	38.1	28.6	106.4	19.1	50.8	4.8	18.3	30	1/2-13	4.8	25.4	33.3	28.6	3	25.5
CLM-2-SWA-1	M16	2	76.2	39.4	28	45.2	33.3	122.2	23.8	63.5	5.6	22.3	39.4	5/8-11	5.6	33.3	44.5	38.1	2.7	17
CLM-3-SWA-1	M16	2	101.6	39.4	28	45.2	33.3	122.2	23.8	63.5	5.6	22.3	39.4	5/8-11	5.6	33.3	44.5	38.1	2.7	17



**Ball Handle
Post Mounted**



Same as above, except with a sliding ball handle for increased leverage.



BALL HANDLE, POST MOUNTED (INCH)

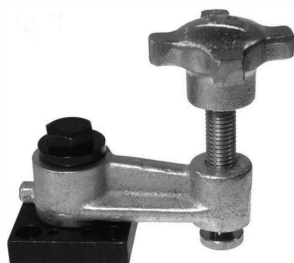
PART NO.	D THREAD SIZE	A	B	C DIA NOMINAL	C DIA ACTUAL -.001/-0.004	E	F	G	H DIA	J	K	L	N	Q THREAD	S	U DIA	V DIA	W	X	Y	Z
CL-1-SWA-2	5/16-18	1-1/2	0.80	9/16	.563	.87	3/4	2.40	1/2	2-31/32	5/32	7/16	.80	5/16-18	.16	11/16	15/16	3/4	3/4	.07	.80
CL-4-SWA-2	1/2-13	2	1.18	7/8	.875	.97	1-1/8	3.22	3/4	3-19/32	3/16	3/4	1.18	1/2-13	.19	1	1-5/16	1-1/8	1	.10	.67
CL-5-SWA-2	1/2-13	2-1/2	1.18	7/8	.875	.97	1-1/8	3.22	3/4	3-19/32	3/16	3/4	1.18	1/2-13	.19	1	1-5/16	1-1/8	1	.10	.67
CL-2-SWA-2	5/8-11	3	1.55	1-1/8	1.125	1.85	1-5/16	4.5	15/16	4-5/16	7/32	7/8	1.55	5/8-11	.22	1-5/16	1-3/4	1-1/2	1-3/8	.13	.74
CL-3-SWA-2	5/8-11	4	1.55	1-1/8	1.125	1.85	1-5/16	4.5	15/16	4-5/16	7/32	7/8	1.55	5/8-11	.22	1-5/16	1-3/4	1-1/2	1-3/8	.13	.74

BALL HANDLE, POST MOUNTED (METRIC)

PART NO.	D THREAD SIZE	THREAD PITCH (mm)	A (mm)	B (mm)	C DIA ACTUAL (mm)	E (mm)	F (mm)	G (mm)	H DIA (mm)	J (mm)	K (mm)	L (mm)	N (mm)	Q THREAD	S (mm)	U DIA (mm)	V DIA (mm)	W (mm)	X (mm)	Y (mm)	Z (mm)
CLM-1-SWA-2	M8	1.25	38	20.5	14	22	19	61	12.5	75	4	10	20.5	5/16-18	4	17.5	24	19	19	1.5	24
CLM-4-SWA-2	M12	1.75	51	30	22	24.5	28.5	82	19	91	5	17	30	1/2-13	5	25.5	33.5	28.5	25.5	3	25.5
CLM-5-SWA-2	M12	1.75	63.5	30	22	24.5	28.5	82	19	91	5	17	30	1/2-13	5	25.5	33.5	28.5	25.5	3	25.5
CLM-2-SWA-2	M16	2	76	39.5	28	47	33.5	114.5	23.5	109	5.5	21	39.5	5/8-11	5.5	33.5	44.5	38	35	2.5	17
CLM-3-SWA-2	M16	2	101.5	39.5	28	47	33.5	114.5	23.5	109	5.5	21	39.5	5/8-11	5.5	33.5	44.5	38	35	2.5	17

SWING CLAMP ASSEMBLIES

ARM: NODULAR IRON PER ASTM A536 GRADE 60-40-18, ZINC PLATED CLEAR CHROMATE
ALL OTHER PARTS: MILD STEEL, BLACK OXIDE FINISH

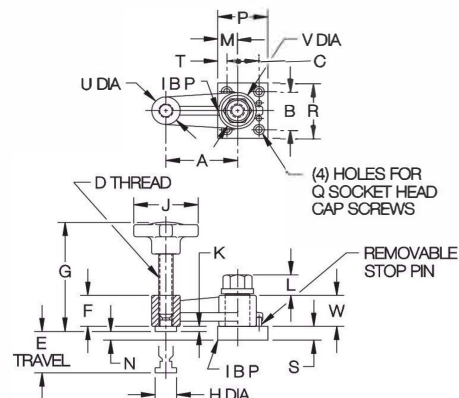


**Knob Handle
Flange Mounted**

Long-reach swing clamp that can be hand tightened for medium clamping force. The flange-mounted version is ideal for mounting on flat surfaces. The stop pin furnished can be installed on either side for clockwise or counterclockwise rotation. Swing arm can be turned over for more clearance underneath. To order with a Delrin® foot instead of steel, add "N" to the part number. Example: CL-1-SWA-3N.

Knob Handle, Flange Mounted

PART NO.	D THREAD SIZE	A	B	C	E	F	G	H DIA	J	K	L	M	N	P	Q SOCKET HEAD CAP SCREWS	R	S	T	U	V	W
CL-1-SWA-3	5/16-18	1-1/2	1	3/4	19/32	3/4	2-5/8	1/2	1-1/2	5/32	.39	1/2	.22	1-1/4	#10 or M5	1-1/2	3/8	1/4	11/16	15/16	3/4
CL-4-SWA-3	1/2-13	2	1-3/8	1-1/8	1-1/2	1-1/8	4-3/16	3/4	2	3/16	.52	11/16	.31	1-3/4	1/4 or M6	2	1/2	5/16	1	1-5/16	1-1/8
CL-2-SWA-3	5/8-11	3	1-1/2	1-1/4	1-25/32	1-5/16	4-13/16	15/16	2-1/2	7/32	.66	1	.53	2-1/4	3/8 or M10	2-1/4	3/4	3/8	1-5/16	1-3/4	1-1/2



**Ball Handle
Flange Mounted**

Same as above, except with a sliding ball handle for increased leverage.

Ball Handle, Flange Mounted

PART NO.	D THREAD SIZE	A	B	C	E	F	G	H DIA	J	K	L	M	N	P	Q SOCKET HEAD CAP SCREWS	R	S	T	U	V	W	X
CL-1-SWA-4	5/16-18	1-1/2	1	3/4	.87	3/4	2.40	1/2	2-31/32	5/32	.39	1/2	.22	1-1/4	#10	1-1/2	3/8	1/4	11/16	15/16	3/4	3/4
CL-4-SWA-4	1/2-13	2	1-3/8	1-1/8	.97	1-1/8	3.22	3/4	3-19/32	3/16	.52	11/16	.31	1-3/4	1/4	2	1/2	5/16	1	1-5/16	1-1/8	1
CL-2-SWA-4	5/8-11	3	1-1/2	1-1/4	1.85	1-5/16	4.50	15/16	4-5/16	7/32	.66	1	.53	2-1/4	3/8	2-1/4	3/4	3/8	1-5/16	1-3/4	1-1/2	1-3/8

