

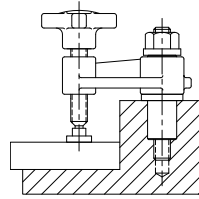
SWING CLAMP ASSEMBLIES

ARM: NODULAR IRON PER ASTM A536 GRADE 65-45-12, ZINC PLATED CLEAR CHROMATE

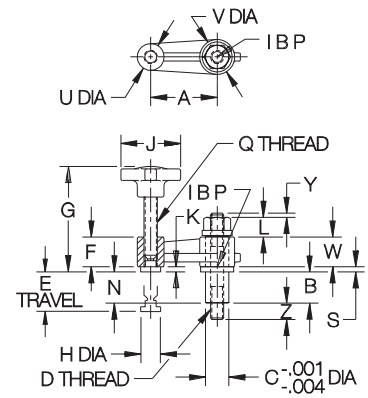
ALL OTHER PARTS: MILD STEEL, BLACK OXIDE FINISH



**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)

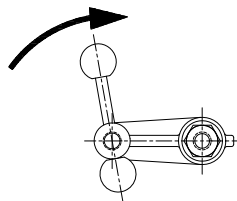
PART NO.	D THREAD SIZE	A	B	C DIA NOMINAL	C DIA ACTUAL -.001/-.004	E	F	G	H DIA	J	K	L	N	Q THREAD	S	U DIA	V DIA	W	Y	Z
CL-1-SWA-1	5/16-18	1-1/2	.80	9/16	.563	19/32	3/4	2-5/8	1/2	1-1/2	5/32	7/16	.80	5/16-18	.16	11/16	15/16	3/4	.07	.80
CL-4-SWA-1	1/2-13	2	1.18	7/8	.875	1-1/2	1-1/8	4-3/16	3/4	2	3/16	3/4	1.18	1/2-13	.19	1	1-5/16	1-1/8	.10	.67
CL-5-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)

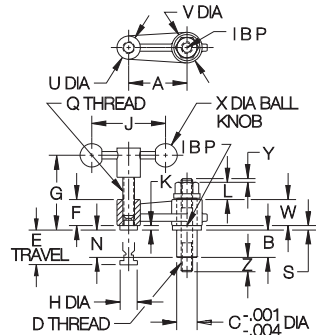
PART NO.	D THREAD SIZE	THREAD PITCH (mm)	A (mm)	B (mm)	C DIA ACTUAL -.03/-.10 (mm)	E (mm)	F (mm)	G (mm)	H DIA (mm)	J (mm)	K (mm)	L (mm)	N (mm)	Q THREAD	S (mm)	U DIA (mm)	V DIA (mm)	W (mm)	Y (mm)	Z (mm)
CLM-1-SWA-1	M8	1.25	38.1	20.3	14	15.1	19.1	66.7	12.7	38.1	4	11.3	20.3	5/16-18	4.1	17.5	23.8	19.1	1.3	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		E	F	G	H DIA	J	K	L	N	Q THREAD	S	U DIA	V DIA	W	X	Y	Z
				NOMINAL	ACTUAL																
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		2-1/2																			
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		4																			

BALL HANDLE, POST MOUNTED (METRIC)

PART NO.	D THREAD SIZE	THREAD PITCH (mm)	A (mm)	B (mm)	C DIA (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			63.5																		
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			101.5																		