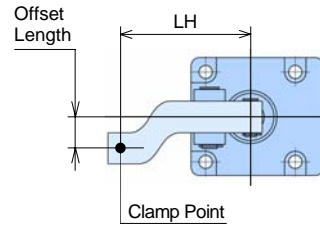


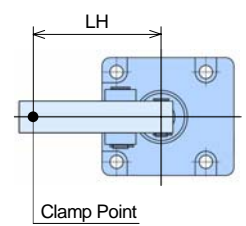
If the workpiece contact point can not be centered to the clamp arm and piston rod centerline, the eccentric shape clamp arm (shown right) can be used.

The allowable offset lengths are specified in the tables below. If using a clamp arm with longer offset length than these, the large eccentric force occurring may cause damage to the link structure and piston rod.

Eccentric shape clamp



Normal Clamp Arm



CLT02		indicates nonusable range						
Hyd. Pressure (MPa)	Clamp Arm Length LH (mm)							
	27	30	36.5	40	50	60	80	100
7			18	23	38	52	60	60
6.5		11	21	27	43	58	↑	↑
6		13	24	30	48	60	↑	↑
5.5	10	16	28	35	55	↑	↑	↑
5	12	19	33	41	60	↑	↑	↑
4.5	15	23	39	48	↑	↑	↑	↑
4	20	28	47	57	↑	↑	↑	↑
3.5	25	35	58	60	↑	↑	↑	↑
3	33	45	60	↑	↑	↑	↑	↑
2.5	44	60	60	60	60	60	60	60
Allowable offset length								

CLT04		indicates nonusable range						
Hyd. Pressure (MPa)	Clamp Arm Length LH (mm)							
	30	35	42	50	60	80	100	120
7			9	16	24	41	58	60
6.5		6	11	19	28	47	60	↑
6		6	14	22	32	53	↑	↑
5.5		8	16	26	38	60	↑	↑
5	6	11	20	31	44	↑	↑	↑
4.5	6	14	25	37	52	↑	↑	↑
4	9	18	31	45	60	↑	↑	↑
3.5	13	24	39	55	↑	↑	↑	↑
3	19	32	50	60	↑	↑	↑	↑
2.5	27	44	60	60	60	60	60	60
Allowable offset length								

CLT06		indicates nonusable range					
Hyd. Pressure (MPa)	Clamp Arm Length LH (mm)						
	35	45	50	60	80	100	120
7		9	9	10	11	12	13
6.5		14	15	18	23	28	25
6		19	22	27	37	47	33
5.5	12	26	30	38	54	70	57
5	16	35	41	52	75	80	80
4.5	20	45	54	70	80	↑	↑
4	26	55	69	80	↑	↑	↑
3.5	33	68	80	↑	↑	↑	↑
3	44	80	↑	↑	↑	↑	↑
2.5	61	80	80	80	80	80	80
Allowable offset length							

CLT10		indicates nonusable range							
Hyd. Pressure (MPa)	Clamp Arm Length LH (mm)								
	40	50	56.5	60	80	100	120	140	160
7		15	24	26	36	46	56	65	75
6.5		18	28	33	51	66	81	95	95
6	9	22	33	38	68	90	95	↑	↑
5.5	9	27	39	45	81	95	↑	↑	↑
5	13	33	46	53	94	↑	↑	↑	↑
4.5	17	40	55	63	95	↑	↑	↑	↑
4	23	50	67	76	↑	↑	↑	↑	↑
3.5	30	62	83	94	↑	↑	↑	↑	↑
3	41	80	95	95	↑	↑	↑	↑	↑
2.5	57	95	95	95	95	95	95	95	95
Allowable offset length									

CLT16		indicates nonusable range							
Hyd. Pressure (MPa)	Clamp Arm Length LH (mm)								
	50	60	69.5	80	100	120	140	160	180
7		13	24	37	61	85	110	110	110
6.5		18	32	47	75	103	↑	↑	↑
6	11	25	41	58	91	110	↑	↑	↑
5.5	14	34	52	72	110	↑	↑	↑	↑
5	21	44	66	90	↑	↑	↑	↑	↑
4.5	30	57	83	110	↑	↑	↑	↑	↑
4	41	74	105	↑	↑	↑	↑	↑	↑
3.5	56	96	110	↑	↑	↑	↑	↑	↑
3	77	110	↑	↑	↑	↑	↑	↑	↑
2.5	109	110	110	110	110	110	110	110	110
Allowable offset length									

CLT25		indicates nonusable range								
Hyd. Pressure (MPa)	Clamp Arm Length LH (mm)									
	60	65	87.5	100	120	140	160	180	200	
7			46	65	95	125	155	160	160	
6.5		17	54	74	107	140	160	↑	↑	
6		21	62	85	121	158	↑	↑	↑	
5.5	17	27	73	98	138	160	↑	↑	↑	
5	23	34	85	113	159	↑	↑	↑	↑	
4.5	30	43	101	133	160	↑	↑	↑	↑	
4	39	54	121	158	↑	↑	↑	↑	↑	
3.5	50	68	147	160	↑	↑	↑	↑	↑	
3	67	88	160	↑	↑	↑	↑	↑	↑	
2.5	91	118	160	160	160	160	160	160	160	
Allowable offset length										