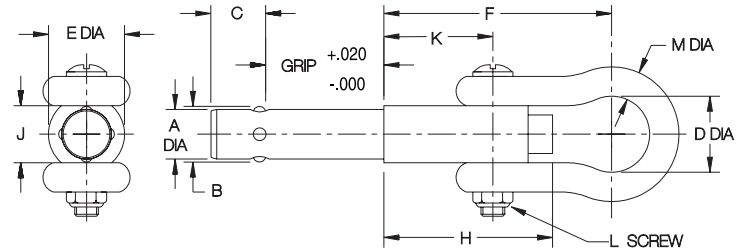


Stainless Steel Lifting Pins



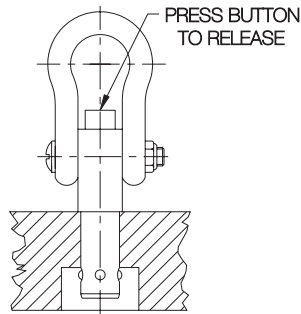
Stainless Steel



A single-acting ball lock pin with a solid, one-piece body and four balls for high tension loads. Sturdy forged shackle for heavy lifting. Shank diameters from 1/4" to 1" are available, in several standard lengths.

STAINLESS STEEL (INCH)

PART NO.	A DIA	GRIP	B	C	D DIA	E DIA	F	H	J	K	L	M DIA
CL-4-LFP-0.25-S	1/4 .2470/.2485	0.25	.287	.333	9/16	9/16	2.45	1.50	1/2	7/8	M6	3/16
CL-4-LFP-0.50-S		0.50										
CL-4-LFP-1.00-S		1.00										
CL-4-LFP-1.50-S		1.50										
CL-4-LFP-2.00-S		2.00										
CL-6-LFP-0.25-S	3/8 .3720/.3735	0.25	.438	.425	11/16	3/4	2.85	1.60	9/16	15/16	5/16-18	1/4
CL-6-LFP-0.50-S		0.50										
CL-6-LFP-1.00-S		1.00										
CL-6-LFP-1.50-S		1.50										
CL-6-LFP-2.00-S		2.00										
CL-6-LFP-3.00-S	3.00											
CL-8-LFP-0.50-S	1/2 .4970/.4985	0.50	.593	.519	13/16	13/16	3.15	1.80	11/16	1	3/8-16	5/16
CL-8-LFP-1.00-S		1.00										
CL-8-LFP-1.50-S		1.50										
CL-8-LFP-2.00-S		2.00										
CL-8-LFP-3.00-S		3.00										
CL-12-LFP-0.50-S	3/4 .7470/.7485	0.50	.887	.707	1-1/8	1-1/8	4.05	2.20	7/8	1-1/4	1/2-13	7/16
CL-12-LFP-1.00-S		1.00										
CL-12-LFP-2.00-S		2.00										
CL-12-LFP-3.00-S		3.00										
CL-16-LFP-0.50-S	1 .9970/.9985	0.50	1.217	.957	1-1/4	1-3/8	4.55	2.75	1-1/8	1-1/2	M8	1/2
CL-16-LFP-1.00-S		1.00										
CL-16-LFP-2.00-S		2.00										

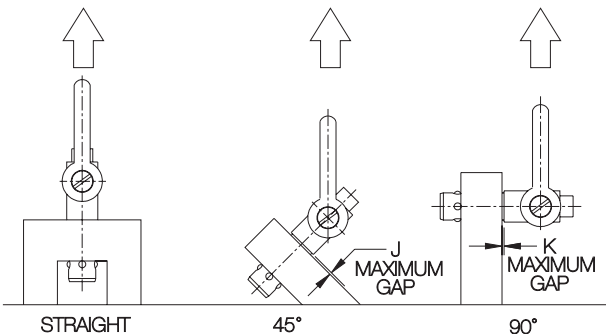


TYPICAL INSTALLATION

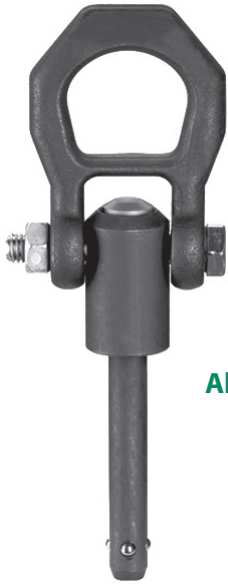
TECHNICAL DATA

PART NO.	LOAD CAPACITY (LBS)*			J (45°)	K (90°)	RECOMMENDED HOLE DIA	
	STRAIGHT	45°	90°			MAX	MIN
CL-4-LFP-x.xx-S	210	170	120	.031	.037	.254	.250
CL-6-LFP-x.xx-S	520	520	350	.036	.042	.379	.375
CL-8-LFP-x.xx-S	980	900	770	.041	.047	.505	.500
CL-12-LFP-x.xx-S	2200	2200	2000	.041	.047	.757	.750
CL-16-LFP-x.xx-S	2900	2800	2500	.046	.052	1.010	1.000

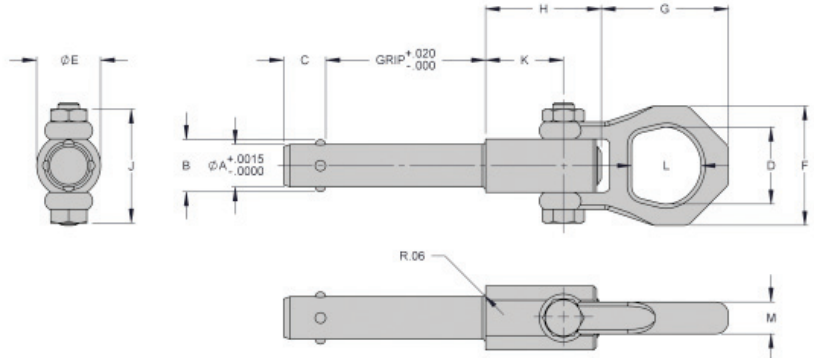
* 5:1 Safety factor, based on the average failing load of test specimens. See above for allowable installation-hole tolerances. Straight pull capacity assumes pin is installed in a hardened tool steel plate or bushing. Use standard lifting hook so that button is not depressed while lifting.



Manganese phosphate finish provides excellent lubricity and corrosion resistance.

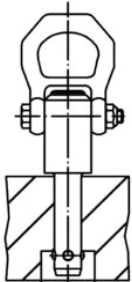


Alloy Steel

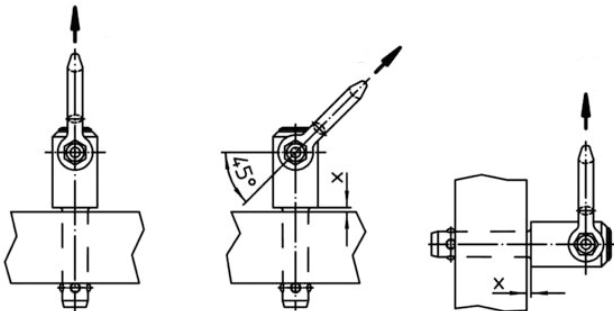


A single-acting ball lock pin with a solid, one-piece body and four balls for high tension loads. Sturdy forged shackle for heavy lifting.

ALLOY STEEL (INCH)



PART NO.	A	GRIP	B	C	D	E	F	G	H	J	K	L	M
CL-4-LFPM-1.00	1/4 .2470/.2485	1.00	.29	.33	1.18	0.85	1.93	1.94	1.50	2.06	1.01	1.06	0.37
CL-6-LFPM-0.50	3/8 .3720/.3735	0.50	.44	.40									
CL-6-LFPM-1.00		1.00											
CL-8-LFPM-2.00	1/2 .4970/.4985	2.00	.59	.44									
CL-8-LFPM-3.00		3.00											



TECHNICAL DATA

PART NO.	LOAD CAPACITY (LBS)*			X		RECOMMENDED HOLE DIA	
	STRAIGHT	45°	90°	MIN	MAX	MAX	MIN
CL-4-LFPM-1.00-X.XX	210	170	110	.06	.20	.254	.250
CL-6-LFPM-0.50-X.XX	600	540	470		.39	.379	.375
CL-8-LFPM-2.00-X.XX	790	720	630		.59	.505	.500

* 5:1 Safety factor, based on the average failing load of test specimens. See above for allowable installation-hole tolerances. Straight pull capacity assumes pin is installed in a hardened tool steel plate or bushing. Use standard lifting hook so that button is not depressed while lifting.