



CarrLane[®]
MANUFACTURING CO.

Stage Products

Glow Wagon Brakes



Wagon Brakes from Carr Lane Manufacturing bring you secure stabilization of your set designs, effortless ability to re-arrange in an instant, and safety for your crew with specially treated handles that glow in the dark for at least eight hours. No drilling required on your stage floor. Just lock these wagon brakes in place to secure your stage set underneath the actors' feet. Wagon Brakes literally lift your scenery off its movable casters, securing it in place and preventing any movement until you're ready to change the scene. Glow-in-the-dark handles means no worries of trip hazards for stagehands as they work to move and set the scene.

Medium-sized clamp that locks in extended or retracted position. 1-1/4" plunger travel. 300 lbs. clamping force. Made in the USA.
Models Available: CL-150-SPC-BZ | CL-250-SPC-BZ

Safety Lifting Devices (Hoist Rings)



Swivel Hoist Ring



Side-Pull Hoist Ring



Pivoting Hoist Ring



Lifting Eye

The original safety-engineered hoist ring. Swivel hoist ring pivots 180 degrees and swivels 360 degrees simultaneously to allow lifting from any direction. Safety factor = 5:1.

SELECTION CHART:

CAPACITY	SWIVEL			SIDE-PULL	PIVOTING	LIFTING EYES
	STEEL	STAINLESS	NICKEL			
< 500 LBS	X	X				X
500-1,000 LBS.	X		X	X		X
1,000-2,500 LBS.	X	X	X	X	X	X
2,500-5,000 LBS.	X	X	X	X	X	X
5,000-7,500 LBS.	X	X		X	X	X
7,500-10,000 LBS.	X	X		X	X	X
10,000-25,000 LBS.	X	X		X	X	X
>25,000 LBS.	X	X		X		

Lifting Pins



A single-acting ball lock pin with a solid, one-piece body and four balls for high tension loads. Positive locking until released by pushing the button. Sturdy forged shackle for heavy lifting. Manganese phosphate finish provides excellent lubricity and corrosion resistance. Specify desired length in place of x.xx when ordering.

TECHNICAL DATA

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

Ball Lock Pins



Precision alignment pin with a ground shank. This popular single-acting type is positive locking until released by pushing the button, which moves the center spindle forward to allow the locking balls to retract into a radial groove. This type has the widest range of types and sizes. Available in steel or stainless steel. Made in USA.



Ordering Example: CL-3-BLPx-x.xx
Specify type of handle: T, L, B, or R, followed by desired length. CL-3-BLPR-2.50 would mean ring handle, 2.5 inch length.

STOCK GRIP LENGTHS (INCH)

PART NO.	NOMINAL SHANK DIA	GRIP LENGTH (INCHES)															
		.50	.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
CL-3-BLPx-xxx	3/16 (#10)	•••••	•••••	X X X X	X••••	X X X X		X••••		••••	•••••	•	•				
CL-4-BLPx-xxx	1/4	X X X•	X•X•	X X X X	X••••	X X X X	•••••	X X X X	••••	X X X•	X•X•	•••••	X••••	••••	••		•
CL-5-BLPx-xxx	5/16	••••	••••	X X X•	•••••	X X X•	••••	X X X•	••••	X X•	•••••	•••••	•••••	••••	•		•
CL-6-BLPx-xxx	3/8	••••	X•••	X X X X	•••••	X X X X	•••••	X X X•	•••••	X X X•	X X X•	X X X•	X••••	X•••	•••••	•	••
CL-7-BLPx-xxx	7/16			••••		••••		••••		••	••		•				
CL-8-BLPx-xxx	1/2	•	•••	X••••	X X•	X X X•	X X••	X X X•	•••	X X X•	X X••	X••••	X••••	•••••	•••••	•••••	X••••
CL-9-BLPx-xxx	9/16							••••		••••	••••	••••	••				
CL-10-BLPx-xxx	5/8					••••		••••		••••	••••	••••	••	••	••		•
CL-12-BLPx-xxx	3/4					••		X••••		X X••	X X••	X•	X•••	••	X••••	••	X•
CL-14-BLPx-xxx	7/8							••		••	••					••	
CL-16-BLPx-xxx	1							••		•	••••	••	••	•	••		••

• = STOCKED IN ALLOY STEEL ONLY
X = STOCKED IN ALLOY AND STAINLESS STEEL (add -S to part number when ordering stainless steel).

Threaded Inserts



These key-locking threaded inserts are ideal for thread reinforcement, especially when the mating stud or bolt will be removed frequently. Available in inch ID thread sizes from #10-24 to 1-1/2"-12 and metric sizes from M5 to M24. They provide strong, permanent steel threads in a weaker parent material – ferrous, non-ferrous, or non-metallic. Key Inserts are also well suited for quick repair of stripped, damaged, or worn threads.



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