

HEAVY-DUTY BALL LOCK PINS



T Handle



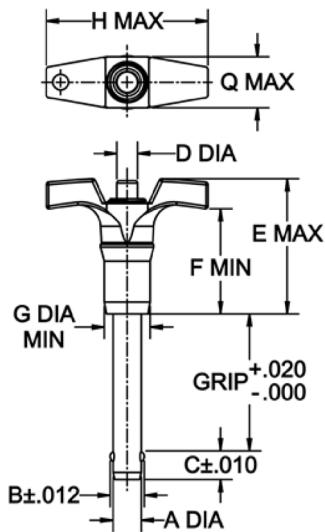
L Handle



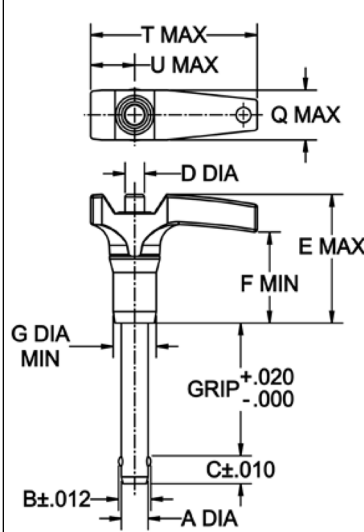
Button Handle



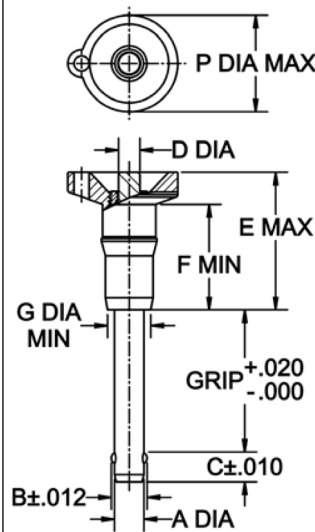
Ring Handle



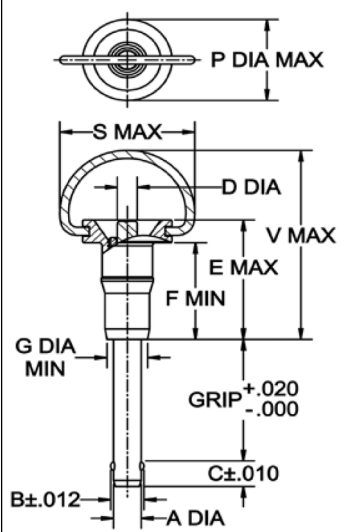
BLHT



BLHL



BLHB



BLHR

INCH

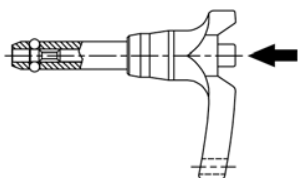
PART NO.	A DIA		B	C	D DIA	E	F	G DIA	H	P DIA	Q	S	T	U	V
	NOMINAL	ACTUAL													
CL-3-BLHx-x.xx-S	3/16 (#10)	.1885/.1870	.220	.245	.25	1.52	.70	.38	1.82	1.07	.63	1.56	1.95	.54	2.13
CL-4-BLHx-x.xx-S	1/4	.2485/.2470	.289	.275											
CL-5-BLHx-x.xx-S	5/16	.3110/.3095	.375	.315											
CL-6-BLHx-x.xx-S	3/8	.3735/.3720	.440	.350	.30	1.47	.85	.51	2.35	1.39	.80	2.00	2.51	.70	2.34
CL-7-BLHx-x.xx-S	7/16	.4360/.4345	.509	.365											
CL-8-BLHx-x.xx-S	1/2	.4985/.4970	.594	.445											

METRIC

CLM-5-BLHx-xx-S	5mm	.1954/.1939	.210	.245	.25	.39	.70	.38	1.82	1.07	.63	1.56	1.95	.54	2.13
CLM-6-BLHx-xx-S	6mm	.2347/.2332	.275	.275											
CLM-8-BLHx-xx-S	8mm	.3135/.3120	.371	.315											
CLM-10-BLHx-xx-S	10mm	.3922/.3907	.467	.350	.30	.37	.85	.51	2.35	1.39	.80	2.00	2.51	.70	2.34
CLM-12-BLHx-xx-S	12mm	.4709/.4694	.569	.445											

HEAVY-DUTY BALL LOCK PINS

SHANK: 17-4PH STAINLESS STEEL, HEAT TREATED RC 40 MIN, PASSIVATED
 SPINDLE: 17-4PH STAINLESS STEEL, PASSIVATED
 HANDLE: 17-4PH STAINLESS STEEL, PASSIVATED
 HEAD, BUTTON & COLLAR: 300-SERIES STAINLESS STEEL, PASSIVATED
 SPRING: 302 STAINLESS STEEL
 BALLS: 440C STAINLESS STEEL



Similar to our standard single-acting Ball Lock Pins, except with a heavier handle for rough service. Available only in stainless steel. Handles are made of solid stainless for maximum impact strength, and are specially shaped to prevent accidentally pressing the release button. Choice of four handle styles: T, L, Button, and Ring. Shank diameters from 3/16 to 1/2" (5 to 12mm in metric), each in a choice of several standard grip lengths. Available from stock only (not made to order).



Optional Cable

The optional attached Cable Assembly (-C) is 12" long, while the optional attached Nylon Lanyard (-NL) is 10" long. Both have an eyelet at the free end for a #10 or M5 attachment screw.

Ordering Example (INCH):

CL — 4 — BLHR — 1.50 — S — C
 Diameter (16ths of an inch) _____
 Handle type (T, L, B, R) _____
 Grip length (inches) _____
 Add -C for attached Cable Assembly
 or - NL for attached Nylon Lanyard _____

Ordering Example (Metric):

CLM — 6 — BLHR — 50 — S — C
 Add M for metric _____
 Diameter (mm) _____
 Handle type (T, L, B, R) _____
 Grip length (mm) _____
 Add -C for attached Cable Assembly
 or - NL for attached Nylon Lanyard _____

STOCK GRIP LENGTHS (INCH)

PART NO.	NOMINAL SHANK DIA	GRIP LENGTH (INCHES)																															
		0.50		0.75		1.00		1.25		1.50		1.75		2.00		2.25		2.50		3.00		3.50		4.00		4.50		5.00		6.00			
		T	L	B	R	T	L	B	R	T	L	B	R	T	L	B	R	T	L	B	R	T	L	B	R	T	L	B	R	T	L	B	R
CL-X-BLHx-x.xx-S	3/16(#10)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CL-3-BLH ...	1/4	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CL-4-BLH ...	5/16	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CL-5-BLH ...	3/8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CL-6-BLH ...	7/16	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CL-7-BLH ...	1/2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CL-8-BLH ...		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

STOCK GRIP LENGTHS (METRIC)

PART NO.	NOMINAL SHANK DIA	GRIP LENGTH (mm)																																											
		10				15				20				25				30				40				50				60				70				80				100			
		T	L	B	R	T	L	B	R	T	L	B	R	T	L	B	R	T	L	B	R	T	L	B	R	T	L	B	R	T	L	B	R	T	L	B	R								
CLM-5-BLH-xx-S	5mm	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•								
CLM-6-BLH-xx-S	6mm	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•								
CLM-8-BLH-xx-S	8mm									•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•							
CLM-10-BLH-xx-S	10mm									•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•							
CLM-12-BLH-xx-S	12mm																																												