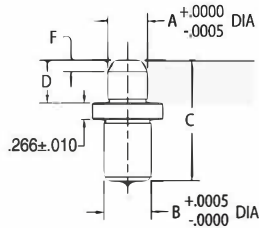


ROUND & DIAMOND LOCATING PINS

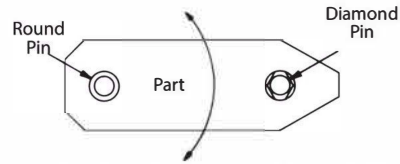
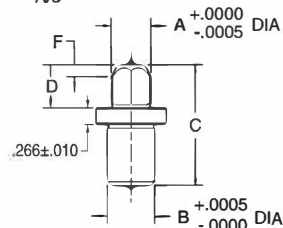
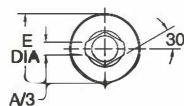
1144 STEEL, HEAT TREATED RC 48-55, BLACK OXIDE FINISH



**Press-Fit Type
Round Pin**



**Press-Fit Type
Diamond Pin**



These precision locating pins are especially useful for workpiece location because of the wide selection of head diameters available to fit machined holes in the part. In addition to standard diameters, these pins are also quickly made to order in any special head diameter from .1150" to 1.0400" in .0001" increments. One Round Locating Pin and one Diamond Locating Pin is relieved to locate in only 1 axis. The type shown here, with a press-fit shank, is designed for permanent installation.

Round & Diamond Locating Pins are available in four standard shank diameters, each with a range of standard head diameters in 1/32" increments (2mm increments in metric), each available in either standard or undersize fit. Head and shank diameters are concentric to within .0005" TIR. Made in USA.



**Special
Head
Diameters**

Special head diameters (A dimensions) are readily available in any of the four standard shank diameters:

- 5 = 5/16" shank (.1150-.3180 head dia)
- 8 = 1/2" shank (.2780-.5040 head dia)
- 12 = 3/4" shank (.4640-.7540 head dia)
- 16 = 1" shank (.7140-1.0040 head dia)

Example: For a press-fit round pin with a 1/2-inch shank and A=.4000 inches, order CL-8-RPT-.4000.

PRESS-FIT TYPE (INCH)

ROUND PIN PART NO.	DIAMOND PIN PART NO.	B SHANK DIA	A HEAD DIA		C	D	E DIA	F
			NOMINAL	ACTUAL				
CL-123-RPT	CL-123-DPT	5/16	1/8	.1235	1-3/16	7/16	5/8	3/32
CL-124-RPT	CL-124-DPT			.1245				
CL-154-RPT	CL-154-DPT		5/32	.1548				
CL-155-RPT	CL-155-DPT			.1558				
CL-186-RPT	CL-186-DPT		3/16	.1860				
CL-187-RPT	CL-187-DPT			.1870				
CL-217-RPT	CL-217-DPT		7/32	.2173				
CL-218-RPT	CL-218-DPT			.2183				
CL-248-RPT	CL-248-DPT		1/4	.2485				
CL-249-RPT	CL-249-DPT			.2495				
CL-279-RPT	CL-279-DPT		9/32	.2798				
CL-280-RPT	CL-280-DPT			.2808				
CL-311-RPT	CL-311-DPT	1/2	5/16	.3110	1-1/2	1/2	7/8	1/8
CL-312-RPT	CL-312-DPT			.3120				
CL-310-RPT	CL-310-DPT		5/16	.3105				
CL-3115-RPT	CL-3115-DPT			.3115				
CL-341-RPT	CL-341-DPT		11/32	.3418				
CL-342-RPT	CL-342-DPT			.3428				
CL-373-RPT	CL-373-DPT		3/8	.3730				
CL-374-RPT	CL-374-DPT			.3740				
CL-404-RPT	CL-404-DPT		13/32	.4043				
CL-405-RPT	CL-405-DPT			.4053				
CL-435-RPT	CL-435-DPT		7/16	.4355				
CL-436-RPT	CL-436-DPT			.4365				
CL-466-RPT	CL-466-DPT		15/32	.4668				
CL-467-RPT	CL-467-DPT			.4678				
CL-498-RPT	CL-498-DPT		1/2	.4980				
CL-499-RPT	CL-499-DPT			.4990				

CONTINUED ON NEXT PAGE

ROUND & DIAMOND LOCATING PINS

ROUND PIN PART NO.	DIAMOND PIN PART NO.	B SHANK DIA	A HEAD DIA		C	D	E DIA	F
			NOMINAL	ACTUAL				
CONTINUED FROM PREVIOUS PAGE								
CL-4980-RPT	CL-4980-DPT	3/4	1/2	.4980	1-15/16	11/16	1-1/8	3/16
CL-4990-RPT	CL-4990-DPT			.4990				
CL-529-RPT	CL-529-DPT		17/32	.5293				
CL-530-RPT	CL-530-DPT			.5303				
CL-560-RPT	CL-560-DPT		9/16	.5605				
CL-561-RPT	CL-561-DPT			.5615				
CL-591-RPT	CL-591-DPT		19/32	.5918				
CL-592-RPT	CL-592-DPT			.5928				
CL-623-RPT	CL-623-DPT		5/8	.6230				
CL-624-RPT	CL-624-DPT			.6240				
CL-654-RPT	CL-654-DPT		21/32	.6543				
CL-655-RPT	CL-655-DPT			.6553				
CL-685-RPT	CL-685-DPT		11/16	.6855				
CL-686-RPT	CL-686-DPT			.6865				
CL-716-RPT	CL-716-DPT		23/32	.7168				
CL-717-RPT	CL-717-DPT			.7178				
CL-748-RPT	CL-748-DPT	3/4	.7480	2-5/8	1	1-1/2	9/32	
CL-749-RPT	CL-749-DPT		.7490					
CL-7480-RPT	CL-7480-DPT	3/4	.7480					
CL-7490-RPT	CL-7490-DPT		.7490					
CL-779-RPT	CL-779-DPT	25/32	.7793					
CL-780-RPT	CL-780-DPT		.7803					
CL-810-RPT	CL-810-DPT	13/16	.8105					
CL-811-RPT	CL-811-DPT		.8115					
CL-841-RPT	CL-841-DPT	27/32	.8418					
CL-842-RPT	CL-842-DPT		.8428					
CL-873-RPT	CL-873-DPT	7/8	.8730					
CL-874-RPT	CL-874-DPT		.8740					
CL-904-RPT	CL-904-DPT	29/32	.9043					
CL-905-RPT	CL-905-DPT		.9053					
CL-935-RPT	CL-935-DPT	15/16	.9355					
CL-936-RPT	CL-936-DPT		.9365					
CL-966-RPT	CL-966-DPT	31/32	.9668					
CL-967-RPT	CL-967-DPT		.9678					
CL-998-RPT	CL-998-DPT	1	.9980					
CL-999-RPT	CL-999-DPT		.9990					

PRESS-FIT TYPE (METRIC)

PART NO.	B SHANK DIA	A DIA NOMINAL (mm)	A DIA ACTUAL (mm)	C (mm)	D (mm)	E DIA (mm)	F (mm)
CL-5-RPT-2347	5/16"	6	5.961	30	11	16	2.4
CL-5-RPT-2357			5.987				
CL-8-RPT-3130	1/2"	8	7.950	38	12.5	22	3.2
CL-8-RPT-3140			7.976				
CL-8-RPT-3917		10	9.949				
CL-8-RPT-3927			9.974				
CL-8-RPT-4704		12	11.948				
CL-8-RPT-4714			11.974				
CL-12-RPT-5492	3/4"	14	13.950	49	17.5	28.5	4.8
CL-12-RPT-5502			13.975				
CL-12-RPT-6279		16	15.949				
CL-12-RPT-6289			15.974				
CL-12-RPT-7067		18	17.950				
CL-12-RPT-7077			17.976				
CL-16-RPT-7854	1"	20	19.949	66.5	25.5	38	7
CL-16-RPT-7864			19.974				