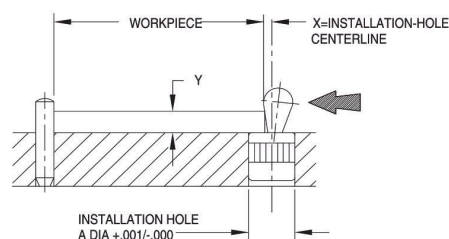
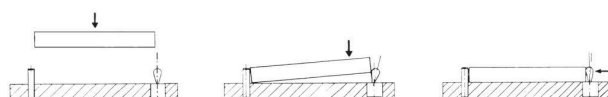


SPRING LOCATING PINS

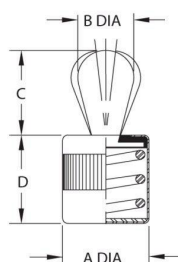
PIN: MILD STEEL, CARBURIZED-HARDENED, ZINC PLATED CLEAR CHROMATE
SPRING: MUSIC WIRE. HOUSING: ALUMINUM



Our patented Spring Locating Pins are an extremely compact way to apply side force to a workpiece. The tapered contact pin is securely anchored in a spring base. Unit installs easily in a drilled hole. Available in five sizes, each in light, medium, or heavy force. Choice of steel, stainless steel, or Delrin® contact pin. **INFO+**: Also available with a tapped receptacle for custom contact pins. Our most popular version is shown on this page, with a durable case-hardened steel contact pin and aluminum body containing a coil spring. Protective rubber seal around contact pin keeps out chips and coolant. This type has the most travel, so it allows the most part-size variation.



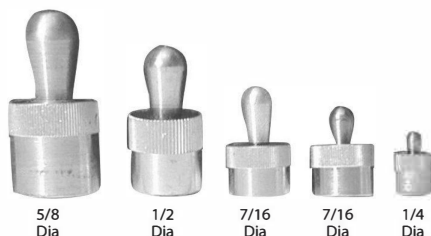
HARDENED STEEL PIN, COIL SPRING



PART NO.	A DIA	APPROX SIDE FORCE (LBS)	ALLOWABLE WORKPIECE TOLERANCE	B DIA	C	D	X DIMENSION WHEN Y EQUALS						
							1/16	1/8	3/16	1/4	5/16	3/8	7/16 OR MORE
CL-4-SLP-1	1/4	2.2	.020	.118	.157	.268	.022	.024	.024	.024	.024	.024	.024
CL-4-SLP-2		4.5											
CL-4-SLP-3		9											
CL-7-SLP-1	7/16	4.5	.031	.197	.236	.434	—	.055	.055	.055	.055	.055	.055
CL-7-SLP-2		11											
CL-7-SLP-3		22											
CL-7A-SLP-1	7/16	9	.039	.236	.393	.434	—	—	.049	.059	.059	.059	.059
CL-7A-SLP-2		17											
CL-7A-SLP-3		22											
CL-8-SLP-1	1/2	11	.051	.315	.511	.520	—	—	—	.077	.087	.087	.087
CL-8-SLP-2		22											
CL-8-SLP-3		34											
CL-10-SLP-1	5/8	22	.063	.939	.646	.705	—	—	—	—	.098	.107	.110
CL-10-SLP-2		34											
CL-10-SLP-3		45											

SPRING LOCATING PINS

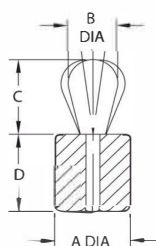
PIN: 300-SERIES STAINLESS STEEL
 SPRING: SOLID POLYURETHANE. HOUSING: ALUMINUM



**Stainless Steel Pin
 Solid Polyurethane Spring**

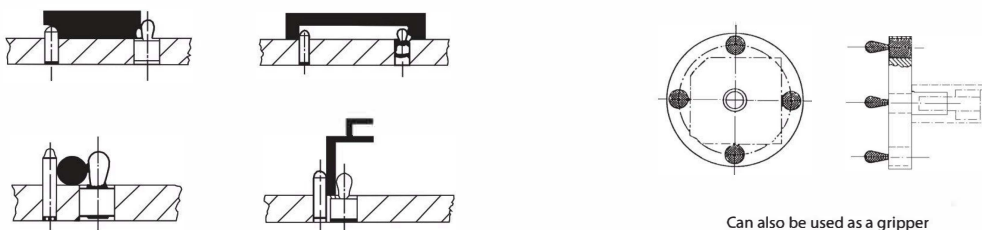
Stainless steel contact pin is ideal for corrosive environments and hygienic applications. Solid polyurethane body is covered by an aluminum shell.

STAINLESS STEEL PIN, SOLID POLYURETHANE SPRING



PART NO.	A DIA	APPROX SIDE FORCE (LBS)	SPRING COLOR	B DIA	C	D	X DIMENSION WHEN Y EQUALS								1/2 OF OR MORE
							1/16	1/8	3/16	1/4	5/16	3/8	7/16		
CL-7-SLPS-1	7/16	6.7	BLUE	.197	.287	.374	.051	.059	.066	.067	.067	.067	.067	0.067	
CL-7-SLPS-2		13.5	RED												
CL-7-SLPS-3		20	GREEN												
CL-7A-SLPS-1		4.4	BLUE	.236	.406		.050	.058	.073	.078	.078	.078	.078		
CL-7A-SLPS-2		6.7	RED												
CL-7A-SLPS-3		13.5	GREEN												
CL-8-SLPS-1	1/2	11.1	RED	.315	.515	.553	.073	.081	.089	.096	.104	.110	.110		
CL-8-SLPS-2		22.2	GREEN												
CL-10-SLPS-1	5/8	18	RED	.394	.678	.675	.084	.091	.099	.107	.114	.122	.130	.135	
CL-10-SLPS-2		36	GREEN												

APPLICATION EXAMPLES



Can also be used as a gripper
 for light clamping.

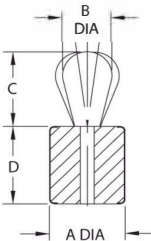
SPRING LOCATING PINS

PIN: DELRIN®
SPRING: SOLID POLYURETHANE. HOUSING: ALUMINIUM



Delrin® Pin
Solid Polyurethane Spring

Delrin® contact pin avoids marring soft or finished surfaces. Solid polyurethane body is covered by an aluminium shell.

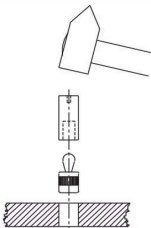


DELIRIN® PIN, SOLID POLYURETHANE SPRING

PART NO.	A DIA	APPROX SIDEFORCE (LBS)	B DIA	C	D	X DIMENSION WHEN Y EQUALS								1/2 OR MORE
						1/16	1/8	3/16	1/4	5/16	3/8	7/16		
CL-7-SLPP-1	7/16	6.7	.197	.287	.374	.051	.059	.066	.067	.067	.067	.067		
CL-7-SLPP-2		13.5												
CL-7A-SLPP-1	7/16	6.7	.236	.406	.374	.050	.058	.066	.073	.078	.078	.078		
CL-7A-SLPP-2		13.5												
CL-8-SLPP-1	1/2	11.1	.315	.515	.553	.073	.081	.089	.096	.104	.110	.110		
CL-8-SLPP-2		22.2												
CL-10-SLPP-1	5/8	18	.394	.678	.675	.084	.091	.099	.107	.114	.122	.130		
CL-10-SLPP-2		36												



Installation Tools



Handy tool to speed up installation of Spring Locating Pins. Use with any of the three types.

INSTALLATION TOOLS

PART NO.	USE TO INSTALL		
CL-4-SLPT	CL-4-SLP-x	CL-4-SLPS-x	CL-4-SLPP-x
CL-7-SLPT	CL-7-SLP-x	CL-7-SLPS-x	CL-7-SLPP-x
CL-7A-SLPT	CL-7A-SLP-x	CL-7A-SLPS-x	CL-7A-SLPP-x
CL-8-SLPT	CL-8-SLP-x	CL-8-SLPS-x	CL-8-SLPP-x
CL-10-SLPT	CL-10-SLP-x	CL-10-SLPS-x	CL-10-SLPP-x