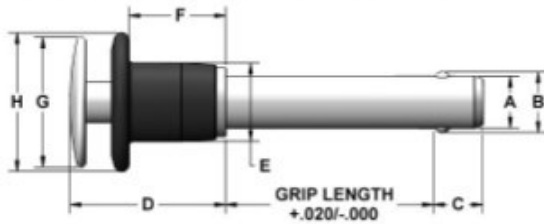




QUICK RELEASE BALL LOCK PINS

Aluminum Dome Handle | Inch

MA MODIFICATIONS AVAILABLE



Dia	Hole Size		Min. Pull-Out Strength (lbs)	Calculated Double Shear (lbs)		
	Max	Min		4130 Steel	17-4 Stainless	300 Series SS*
3/16	.1940	.1900	200	4,600	5,150	—
1/4	.2540	.2500	230	8,200	9,200	2,200
5/16	.3165	.3125	510	12,800	14,400	3,500
3/8	.3790	.3750	575	18,400	20,600	4,500
1/2	.5050	.5000	1,160	32,800	36,800	11,500
5/8	.6300	.6250	2,070	51,200	57,500	—

*Note: 300 Series Stainless is not recommended in applications where shear forces are a factor.

These positive locking quick release pins have a wide range of uses in fastening, locating, and alignment applications. The pins will not release until the button on the handle is depressed. Once the button is depressed, the balls retract into the shank allowing the pin to be inserted or removed into or out of a hole. They are available in three shank materials to meet your application. The dome actuator buttons are made from 2024-T4 aluminum and clear anodized. The handles are made from 2024-T4 aluminum and anodized black. Handle has hole for optional wire lanyard attachment. The large ergonomic dome actuator button facilitates easy installation and removal of the pin. They are ideal in applications where there is repetitive or frequent use of the pin. In addition, they can be used in situations where the operator is wearing gloves or has limited range of hand motion. They also add a unique look and feel that is not available with other pin styles and offer a large area for engraving or stamping to add logos, instructions, etc. For specific application requirements, custom modifications are available for this product line. See page 3 for complete specifications.

4130 Steel Part #	17-4 SS Part #	300 Series SS Part #	Nominal Diameter	A Max	A Min	Grip Length	+/- .005 B	+ .000/- .030 C	D	E	F	G	H
DAAS-18-050	DACH-18-050	—	3/16	.1885	.1870	.50	.220	.260	1.00	.47	.63	.75	.81
DAAS-18-075	DACH-18-075	—	3/16	.1885	.1870	.75	.220	.260	1.00	.47	.63	.75	.81
DAAS-18-100	DACH-18-100	—	3/16	.1885	.1870	1.00	.220	.260	1.00	.47	.63	.75	.81
DAAS-18-125	DACH-18-125	—	3/16	.1885	.1870	1.25	.220	.260	1.00	.47	.63	.75	.81
DAAS-18-150	DACH-18-150	—	3/16	.1885	.1870	1.50	.220	.260	1.00	.47	.63	.75	.81
DAAS-18-175	DACH-18-175	—	3/16	.1885	.1870	1.75	.220	.260	1.00	.47	.63	.75	.81
DAAS-18-200	DACH-18-200	—	3/16	.1885	.1870	2.00	.220	.260	1.00	.47	.63	.75	.81
DAAS-18-250	DACH-18-250	—	3/16	.1885	.1870	2.50	.220	.260	1.00	.47	.63	.75	.81
DAAS-18-300	DACH-18-300	—	3/16	.1885	.1870	3.00	.220	.260	1.00	.47	.63	.75	.81
DAAS-18-350	DACH-18-350	—	3/16	.1885	.1870	3.50	.220	.260	1.00	.47	.63	.75	.81
DAAS-18-400	DACH-18-400	—	3/16	.1885	.1870	4.00	.220	.260	1.00	.47	.63	.75	.81
DAAS-25-050	DACH-25-050	DACS-25-050	1/4	.2485	.2470	.50	.289	.290	1.00	.47	.63	.75	.81
DAAS-25-075	DACH-25-075	DACS-25-075	1/4	.2485	.2470	.75	.289	.290	1.00	.47	.63	.75	.81
DAAS-25-100	DACH-25-100	DACS-25-100	1/4	.2485	.2470	1.00	.289	.290	1.00	.47	.63	.75	.81
DAAS-25-125	DACH-25-125	DACS-25-125	1/4	.2485	.2470	1.25	.289	.290	1.00	.47	.63	.75	.81
DAAS-25-150	DACH-25-150	DACS-25-150	1/4	.2485	.2470	1.50	.289	.290	1.00	.47	.63	.75	.81
DAAS-25-175	DACH-25-175	DACS-25-175	1/4	.2485	.2470	1.75	.289	.290	1.00	.47	.63	.75	.81
DAAS-25-200	DACH-25-200	DACS-25-200	1/4	.2485	.2470	2.00	.289	.290	1.00	.47	.63	.75	.81
DAAS-25-250	DACH-25-250	DACS-25-250	1/4	.2485	.2470	2.50	.289	.290	1.00	.47	.63	.75	.81
DAAS-25-300	DACH-25-300	DACS-25-300	1/4	.2485	.2470	3.00	.289	.290	1.00	.47	.63	.75	.81
DAAS-25-350	DACH-25-350	DACS-25-350	1/4	.2485	.2470	3.50	.289	.290	1.00	.47	.63	.75	.81
DAAS-25-400	DACH-25-400	DACS-25-400	1/4	.2485	.2470	4.00	.289	.290	1.00	.47	.63	.75	.81
DAAS-31-050	DACH-31-050	DACS-31-050	5/16	.3110	.3095	.50	.375	.330	1.00	.47	.63	.75	.81
DAAS-31-075	DACH-31-075	DACS-31-075	5/16	.3110	.3095	.75	.375	.330	1.00	.47	.63	.75	.81
DAAS-31-100	DACH-31-100	DACS-31-100	5/16	.3110	.3095	1.00	.375	.330	1.00	.47	.63	.75	.81
DAAS-31-125	DACH-31-125	DACS-31-125	5/16	.3110	.3095	1.25	.375	.330	1.00	.47	.63	.75	.81
DAAS-31-150	DACH-31-150	DACS-31-150	5/16	.3110	.3095	1.50	.375	.330	1.00	.47	.63	.75	.81
DAAS-31-175	DACH-31-175	DACS-31-175	5/16	.3110	.3095	1.75	.375	.330	1.00	.47	.63	.75	.81
DAAS-31-200	DACH-31-200	DACS-31-200	5/16	.3110	.3095	2.00	.375	.330	1.00	.47	.63	.75	.81
DAAS-31-250	DACH-31-250	DACS-31-250	5/16	.3110	.3095	2.50	.375	.330	1.00	.47	.63	.75	.81
DAAS-31-300	DACH-31-300	DACS-31-300	5/16	.3110	.3095	3.00	.375	.330	1.00	.47	.63	.75	.81
DAAS-31-350	DACH-31-350	DACS-31-350	5/16	.3110	.3095	3.50	.375	.330	1.00	.47	.63	.75	.81
DAAS-31-400	DACH-31-400	DACS-31-400	5/16	.3110	.3095	4.00	.375	.330	1.00	.47	.63	.75	.81

Note: Products in this catalogue are subject to availability



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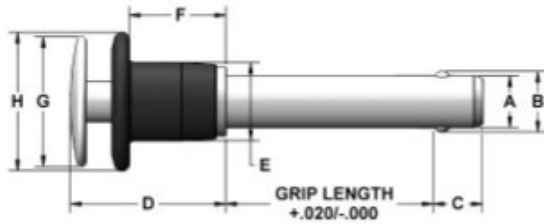
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QUICK RELEASE BALL LOCK PINS

Aluminum Dome Handle | Inch (continued)

MA MODIFICATIONS AVAILABLE



Dia	Hole Size		Min. Pull-Out Strength (lbs)	Calculated Double Shear (lbs)		
	Max	Min		4130 Steel	17-4 Stainless	300 Series SS*
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1/4	.2540	.2500	230	8,200	9,200	2,200
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3/8	.3790	.3750	575	18,400	20,600	4,900
1/2	.5050	.5000	1,160	32,800	36,800	11,500
5/8	.6300	.6250	2,070	51,200	57,500	—

*Note: 300 Series Stainless is not recommended in applications where shear forces are a factor.

4130 Steel Part #	17-4 SS Part #	300 Series SS Part #	Nominal Diameter	A Max	A Min	Grip Length	+/- .005 B	+ .000 / -.030 C	D	E	F	G	H
DAAS-37-050	DACH-37-050	DACS-37-050	3/8	.3735	.3720	.50	.440	.365	1.12	.56	.70	.932	1.00
DAAS-37-075	DACH-37-075	DACS-37-075	3/8	.3735	.3720	.75	.440	.365	1.12	.56	.70	.932	1.00
DAAS-37-100	DACH-37-100	DACS-37-100	3/8	.3735	.3720	1.00	.440	.365	1.12	.56	.70	.932	1.00
DAAS-37-125	DACH-37-125	DACS-37-125	3/8	.3735	.3720	1.25	.440	.365	1.12	.56	.70	.932	1.00
DAAS-37-150	DACH-37-150	DACS-37-150	3/8	.3735	.3720	1.50	.440	.365	1.12	.56	.70	.932	1.00
DAAS-37-175	DACH-37-175	DACS-37-175	3/8	.3735	.3720	1.75	.440	.365	1.12	.56	.70	.932	1.00
DAAS-37-200	DACH-37-200	DACS-37-200	3/8	.3735	.3720	2.00	.440	.365	1.12	.56	.70	.932	1.00
DAAS-37-250	DACH-37-250	DACS-37-250	3/8	.3735	.3720	2.50	.440	.365	1.12	.56	.70	.932	1.00
DAAS-37-300	DACH-37-300	DACS-37-300	3/8	.3735	.3720	3.00	.440	.365	1.12	.56	.70	.932	1.00
DAAS-37-350	DACH-37-350	DACS-37-350	3/8	.3735	.3720	3.50	.440	.365	1.12	.56	.70	.932	1.00
DAAS-37-400	DACH-37-400	DACS-37-400	3/8	.3735	.3720	4.00	.440	.365	1.12	.56	.70	.932	1.00
DAAS-50-100	DACH-50-100	DACS-50-100	1/2	.4985	.4970	1.00	.594	.460	1.41	.72	.85	1.30	1.37
DAAS-50-125	DACH-50-125	DACS-50-125	1/2	.4985	.4970	1.25	.594	.460	1.41	.72	.85	1.30	1.37
DAAS-50-150	DACH-50-150	DACS-50-150	1/2	.4985	.4970	1.50	.594	.460	1.41	.72	.85	1.30	1.37
DAAS-50-175	DACH-50-175	DACS-50-175	1/2	.4985	.4970	1.75	.594	.460	1.41	.72	.85	1.30	1.37
DAAS-50-200	DACH-50-200	DACS-50-200	1/2	.4985	.4970	2.00	.594	.460	1.41	.72	.85	1.30	1.37
DAAS-50-250	DACH-50-250	DACS-50-250	1/2	.4985	.4970	2.50	.594	.460	1.41	.72	.85	1.30	1.37
DAAS-50-300	DACH-50-300	DACS-50-300	1/2	.4985	.4970	3.00	.594	.460	1.41	.72	.85	1.30	1.37
DAAS-50-350	DACH-50-350	DACS-50-350	1/2	.4985	.4970	3.50	.594	.460	1.41	.72	.85	1.30	1.37
DAAS-50-400	DACH-50-400	DACS-50-400	1/2	.4985	.4970	4.00	.594	.460	1.41	.72	.85	1.30	1.37
DAAS-50-450	DACH-50-450	DACS-50-450	1/2	.4985	.4970	4.50	.594	.460	1.41	.72	.85	1.30	1.37
DAAS-50-500	DACH-50-500	DACS-50-500	1/2	.4985	.4970	5.00	.594	.460	1.41	.72	.85	1.30	1.37
DAAS-50-550	DACH-50-550	DACS-50-550	1/2	.4985	.4970	5.50	.594	.460	1.41	.72	.85	1.30	1.37
DAAS-50-600	DACH-50-600	DACS-50-600	1/2	.4985	.4970	6.00	.594	.460	1.41	.72	.85	1.30	1.37
DAAS-62-150	DACH-62-150	—	5/8	.6235	.6220	1.50	.750	.580	1.84	.94	1.10	1.68	1.75
DAAS-62-175	DACH-62-175	—	5/8	.6235	.6220	1.75	.750	.580	1.84	.94	1.10	1.68	1.75
DAAS-62-200	DACH-62-200	—	5/8	.6235	.6220	2.00	.750	.580	1.84	.94	1.10	1.68	1.75
DAAS-62-250	DACH-62-250	—	5/8	.6235	.6220	2.50	.750	.580	1.84	.94	1.10	1.68	1.75
DAAS-62-300	DACH-62-300	—	5/8	.6235	.6220	3.00	.750	.580	1.84	.94	1.10	1.68	1.75
DAAS-62-350	DACH-62-350	—	5/8	.6235	.6220	3.50	.750	.580	1.84	.94	1.10	1.68	1.75
DAAS-62-400	DACH-62-400	—	5/8	.6235	.6220	4.00	.750	.580	1.84	.94	1.10	1.68	1.75
DAAS-62-450	DACH-62-450	—	5/8	.6235	.6220	4.50	.750	.580	1.84	.94	1.10	1.68	1.75
DAAS-62-500	DACH-62-500	—	5/8	.6235	.6220	5.00	.750	.580	1.84	.94	1.10	1.68	1.75
DAAS-62-550	DACH-62-550	—	5/8	.6235	.6220	5.50	.750	.580	1.84	.94	1.10	1.68	1.75
DAAS-62-600	DACH-62-600	—	5/8	.6235	.6220	6.00	.750	.580	1.84	.94	1.10	1.68	1.75

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