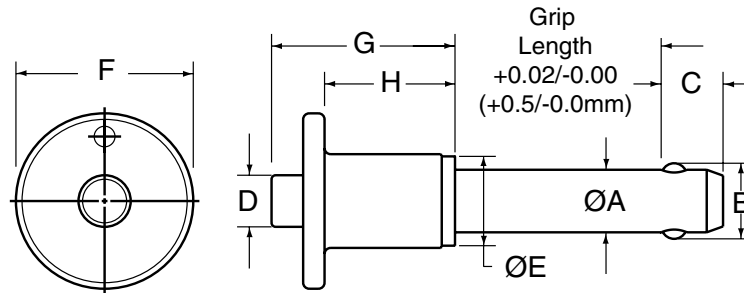




Heavy Duty Button Handle Pin



Heavy Duty Button Handle

Heavy Duty Button Handle Specifications – Inch

Nom Pin Dia	Pin Dia A		±0.005 B	+0.00/-0.04 C	D	E	F	G	H
	Min	Max							
3/16 (#10)	.1870	.1885	.220	.260	1/4	7/16	13/16	13/16	5/8
1/4	.2470	.2485	.289	.290	1/4	7/16	13/16	13/16	5/8
5/16	.3095	.3110	.375	.330	1/4	7/16	7/8	29/32	5/8
3/8	.3720	.3735	.440	.365	5/16	9/16	1 1/8	1 1/32	3/4
7/16	.4345	.4360	.509	.380	5/16	9/16	1 1/8	1 3/32	3/4
1/2	.4970	.4985	.594	.460	7/16	23/32	1 3/8	1 3/16	13/16
9/16	.5595	.5610	.666	.510	7/16	23/32	1 3/8	1 3/8	1
5/8	.6220	.6235	.750	.580	37/64	27/32	1 5/8	1 1/2	1 1/16
3/4	.7470	.7485	.887	.670	37/64	15/16	1 7/8	1 21/32	1 5/32
7/8	.8720	.8735	1.046	.760	3/4	1 1/8	2 3/16	1 31/32	1 1/2
1	.9970	.9985	1.219	.890	3/4	1 3/16	2 3/16	2 1/8	1 1/2

Heavy Duty Button Handle Specifications – Metric

Nom Pin Dia	Pin Dia A		± 0.25 B	+0.0/- 1.0 C	D	E	F	G	H
	Min	Max							
5	4.92	4.96	5.54	6	6.4	11.1	20.6	20.6	15.9
6	5.92	5.96	6.99	7	6.4	11.1	20.6	20.6	15.9
8	7.92	7.96	9.42	8	6.4	11.1	22.2	23.0	15.9
10	9.92	9.96	11.86	9	7.9	14.3	28.6	27.8	19.1
12	11.92	11.96	14.45	10	11.1	18.3	34.9	34.9	25.4
16	15.92	15.96	19.00	14	14.7	21.4	41.3	38.1	27.0
20	19.92	19.96	24.08	17	14.7	23.8	47.6	42.1	29.4
25	24.92	24.96	30.94	22	19.1	30.2	55.6	54.0	38.1

Dimensions in millimeters

- Heavy Duty solid handle in 303 series stainless steel provides additional impact resistance
- Includes hole and split ring for easy attachment of optional lanyard.
- All stainless steel construction provides additional corrosion resistance
- Body is made from high Strength Stainless Steel, 17-4 PH heat treated
- Meets or exceeds NASM 23460 specifications
- May be ordered with 4 locking balls for additional locking element tensile strength



Pin Dia	Grip Length (inches)											
	0.5	0.75	1	1.25	1.5	1.75	2	2.5	3	4	5	6
Heavy Duty Button Handle – Inch												
3/16	806400	806401	806402	806403	806404	806405	806406	806408	806409	806411	806413	806415
1/4	806416	806417	806418	806419	806420	806421	806422	806424	806425	806427	806429	806431
5/16	806432	806433	806434	806435	806436	806437	806438	806440	806441	806443	806445	806447
3/8	806448	806449	806450	806451	806452	806453	806454	806456	806457	806459	806461	806463
7/16	806464	806465	806466	806467	806468	806469	806470	806472	806473	806475	806477	806479
1/2	806480	806481	806482	806483	806484	806485	806486	806488	806489	806491	806493	806495
9/16	806496	806497	806498	806499	806500	806501	806502	806504	806505	806507	806509	806511
5/8	806512	806513	806514	806515	806516	806517	806518	806520	806521	806523	806525	806527
3/4	806528	806529	806530	806531	806532	806533	806534	806536	806537	806539	806541	806543
7/8	806544	806545	806546	806547	806548	806549	806550	806552	806553	806555	806557	806559
1	806560	806561	806562	806563	806564	806565	806566	806568	806569	806571	806573	806575
Pin Dia	Grip Length (mm)											
	10	15	20	25	30	40	50	60	70	80	90	100
Heavy Duty Button Handle – Metric												
5	855400	855401	855402	855403	855404	855405	855406	855407	855408	855409	855410	855411
6	855412	855413	855414	855415	855416	855417	855418	855419	855420	855421	855422	855423
8	855424	855425	855426	855427	855428	855429	855430	855431	855432	855433	855434	855435
10	855436	855437	855438	855439	855440	855441	855442	855443	855444	855445	855446	855447
12	855448	855449	855450	855451	855452	855453	855454	855455	855456	855457	855458	855459
16	855460	855461	855462	855463	855464	855465	855466	855467	855468	855469	855470	855471
20	855472	855473	855474	855475	855476	855477	855478	855479	855480	855481	855482	855483
25	855484	855485	855486	855487	855488	855489	855490	855491	855492	855493	855494	855495

Contact customer service for other sizes. Includes attachment ring.



Kwik-Lok® Pin Specifications

Kwik-Lok® Pin Specifications – Inch

Pin Dia (in)	Double Shear Resistance Minimum (lbs)*		Locking Element Tensile Strength Min (lbs)†	Recommended Hole Diameter (in)	
	Stainless Steel 17-4 PH Heat Treated	Alloy Steel Heat Treated Cadmium Plated		Max	Min
3/16 (#10)	5,150	4,600	200	0.1940	0.1900
1/4	9,200	8,200	230	0.2540	0.2500
5/16	14,400	12,800	510	0.3165	0.3125
3/8	20,700	18,400	575	0.3790	0.3750
7/16	28,500	25,000	710	0.4425	0.4375
1/2	36,900	32,800	1,160	0.5050	0.5000
9/16	46,700	41,600	1,420	0.5675	0.5625
5/8	57,800	51,400	2,070	0.6300	0.6250
3/4	83,200	74,600	2,950	0.7570	0.7500
7/8	112,500	100,000	3,900	0.8820	0.8750
1	147,200	131,000	5,480	1.0100	1.0000

Kwik-Lok® Pin Specifications – Metric

Pin Dia (mm)	Double Shear Resistance Minimum (kN)*		Locking Element Tensile Strength Min (N)†	Recommended Hole Diameter (mm)	
	Stainless Steel 17-4 PH Heat Treated	Alloy Steel Heat Treated Cadmium Plated		Max	Min
5	24	21	890	5.1	5
6	35	31	890	6.1	6
8	65	58	2,250	8.1	8
10	100	88	2,280	10.1	10
12	144	128	3,150	12.1	12
16	257	229	9,200	16.1	16
20	403	358	13,100	20.15	20
25	631	561	23,400	25.15	25

* Double shear values are the minimum requirements according to NAS functionality tests.

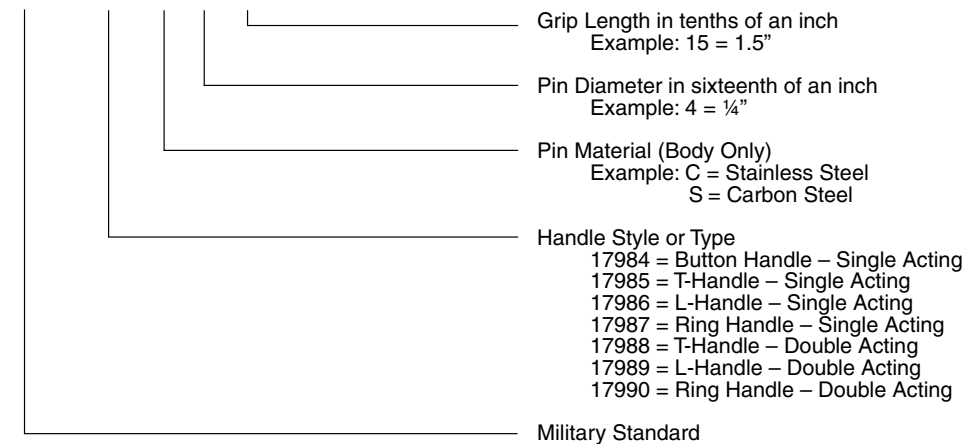
† Locking element tensile strength values are the minimum requirements of NAS functionality tests. Pins may be special ordered with 4 locking balls for additional locking element tensile strength.

Military Specifications (MS) & National Aerospace Standards (NASM)

NAS Number 1333-1346 and 1353-1366 are available.

MS Numbers 17984-90 now refer to NASM 17984-90.

MS 17984 C 4 15



KWIK-LOK® PINS

INFORMATION

Engineering and Product Changes

Product improvement is a continuing process.
Specifications and engineering data are subject to change without notice.
If current information is critical to your design, it is suggested that you contact our customer support department to verify any dimensions or specifications.

Specials

It is often possible to modify any item that is similar to a standard component part.