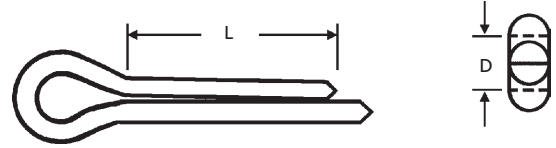


COTTER PINS

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MS24665



MILITARY

MANUFACTURER CROSS-REFERENCE

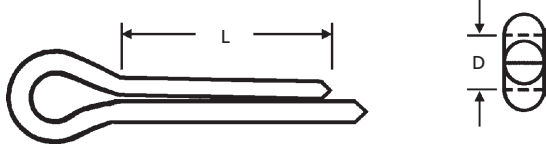
MS	24665	AN	380
AN	381	See also	MS9245

Nominal (D)	Length (L)	WEIGHT Lbs. per 100 Pieces*	CADMIUM PLATED		STAINLESS STEEL		BRASS**	MONEL
			MS24665-	AN380-	MS24665-	AN381-	MS24665-	MS24665-
DIAMETER	LENGTH							
1/32	1/4	0.01	001	---	018	1-4	035	---
	5/16	0.01	---	---	1001	---	---	---
	3/8	0.01	---	1-1	1002	1-6	---	---
	7/16	0.01	---	---	1003	---	---	---
	1/2	0.01	005	1-2	022	1-8	039	---
	3/4	0.02	007	1-3	024	1-12	041	---
	1	0.03	009	1-4	026	1-16	043	---
	1-1/4	0.03	010	1-5	027	1-20	044	---
1-1/2	0.04	011	1-6	028	1-24	045	---	
3/64	1/4	0.01	065	---	082	---	099	---
	1/2	0.01	069	---	086	15-8	103	---
	3/4	0.02	071	---	088	15-12	105	---
	1	0.03	073	---	090	15-16	107	---
	1-1/4	0.03	074	---	091	15-20	108	---
	1-1/2	0.04	075	---	092	15-24	109	---
1/16	1/4	0.06	---	---	1010	---	---	---
	5-16	0.06	---	---	1011	2-5	---	---
	3/8	0.06	---	2-1	1012	2-6	---	---
	7/16	0.06	---	---	1013	2-7	---	---
	1/2	0.06	132	2-2	151	2-8	170	189
	3/4	0.08	134	2-3	153	2-12	172	191
	1	0.10	136	2-4	155	2-16	174	193
	1-1/4	0.11	138	2-5	157	2-20	176	195
	1-1/2	0.14	140	2-6	159	2-24	178	197
	1-3/4	0.15	142	2-7	161	2-28	180	199
	2	0.18	143	2-8	162	2-32	181	200
	2-1/2	0.26	144	2-10	163	2-40	182	201
	3	0.28	145	2-12	164	2-48	183	202
5/64	1/2	0.09	208	---	227	25-8	246	265
	3/4	0.12	210	---	229	25-12	248	267
	1	0.15	212	---	231	25-16	250	269
	1-1/4	0.19	214	---	233	25-20	252	271
	1-1/2	0.21	216	---	235	25-24	254	273
	1-3/4	0.23	218	---	237	25-28	256	275
	2	0.24	219	---	238	25-32	257	276
	2-1/2	0.30	220	---	239	25-40	258	277
	3	0.35	221	---	240	25-48	259	278
3/32	1/2	0.13	281	3-2	298	3-8	315	332
	5/8	0.17	---	---	---	3-10	---	---
	3/4	0.17	283	3-3	300	3-12	317	334
	1	0.22	285	3-4	302	3-16	319	336
	1-1/4	0.26	287	3-5	304	3-20	321	338
	1-1/2	0.31	289	3-6	306	3-24	323	340

* Add 10% for stainless steel, brass, and monel weights. ** Uncoated brass. An additional charge applies for black oxide coating.

<p>MS 24665</p>	<p>DESCRIPTION</p> <p>Manufactured to the exacting standards set forth by the U.S. Government EXCEPT the extended prong chisel point end design as permitted. Hammerlock available as a special order.</p>	<p>GENERAL USE</p> <p>UNCOMMON</p>	<p>HOW TO IDENTIFY</p> <ol style="list-style-type: none"> 1. Verify material and end design. 2. Measure diameter (D). 3. Measure length (L). 4. Find the part in the chart above. <p>TYPICAL PART NUMBER SEQUENCE: MS24665-001 is a 1/32" x 1/4" cadmium plated cotter pin.</p>	<p>APPLICATION</p> <p>To secure a clevis pin.</p>
	<p>MILITARY</p>	<p>PERFORMANCE RESULTS VARY. YOUR PIN SELECTION SHOULD BE MADE BASED ON INDIVIDUAL APPLICATION.</p>		

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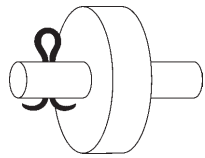


MILITARY			
MANUFACTURER CROSS-REFERENCE			
MS	24665	AN	380
AN	381	See also	MS9245



Nominal (D)	Length (L)	WEIGHT Lbs. per 100 Pieces*	CADMIUM PLATED		STAINLESS STEEL		BRASS**	MONEL
			MS24665-	AN380-	MS24665-	AN381-	MS24665-	MS24665-
DIAMETER	LENGTH							
3/32	1-3/4	0.35	291	3-7	308	3-28	325	342
	2	0.40	292	3-8	309	3-32	326	343
	2-1/4	0.45	293	---	310	3-36	327	---
	2-1/2	0.50	294	3-10	311	3-40	328	345
	3	0.60	295	3-12	312	3-48	329	346
1/8	1/2	0.27	349	4-2	366	4-8	383	400
	3/4	0.33	351	4-3	368	4-12	385	402
	1	0.43	353	4-4	370	4-16	387	404
	1-1/4	0.51	355	4-5	372	4-20	389	406
	1-1/2	0.56	357	4-6	374	4-24	391	408
	1-3/4	0.66	359	4-7	376	4-28	393	410
	2	0.74	360	4-8	377	4-32	394	411
	2-1/4	0.83	361	---	378	4-36	395	---
	2-1/2	0.89	362	4-10	379	4-40	396	413
	3	1.05	363	4-12	380	4-48	397	414
5/32	3/4	0.53	418	5-3	436	5-12	454	472
	1	0.69	419	5-4	437	5-16	455	473
	1-1/4	0.80	421	5-5	439	5-20	457	475
	1-1/2	0.95	423	5-6	441	5-24	459	477
	1-3/4	1.03	425	5-7	443	5-28	461	479
	2	1.15	426	5-8	444	5-32	462	480
	2-1/4	1.34	427	---	445	5-36	463	---
	2-1/2	1.40	428	5-10	446	5-40	464	482
	2-3/4	1.61	429	---	447	---	465	---
	3	1.65	430	5-12	448	5-48	466	484
	3-1/2	1.90	431	5-14	449	5-56	467	---
4	2.20	432	5-16	450	5-64	468	486	
3/16	3/4	0.84	490	6-3	508	6-12	526	544
	1	1.04	491	6-4	509	6-16	527	545
	1-1/4	1.21	493	6-5	511	6-20	529	547
	1-1/2	1.39	495	6-6	513	6-24	531	549
	1-3/4	1.53	497	6-7	515	6-28	533	551
	2	1.71	498	6-8	516	6-32	534	552
	2-1/4	1.89	499	---	517	6-36	535	---
	2-1/2	2.03	500	6-10	518	6-40	536	554
	2-3/4	2.25	501	---	519	---	537	---
	3	2.37	502	6-12	520	6-48	538	556
	3-1/2	2.71	503	6-14	521	6-56	539	---
4	3.03	504	6-16	522	6-64	540	558	
7/32	1	1.55	561	---	576	7-16	---	---
	1-1/4	1.75	562	---	577	7-20	---	---
	1-1/2	2.10	563	---	578	7-24	---	---
	1-3/4	2.20	564	---	579	7-28	---	---

* Add 10% for stainless steel, brass, and monel weights. ** Uncoated brass. An additional charge applies for black oxide coating.

MS 24665	DESCRIPTION	GENERAL USE	HOW TO IDENTIFY	APPLICATION
	Manufactured to the exacting standards set forth by the U.S. Government EXCEPT the extended prong chisel point end design as permitted. Hammerlock available as a special order.	 UNCOMMON	<ol style="list-style-type: none"> Verify material and end design. Measure diameter (D). Measure length (L). Find the part in the chart above. <p style="text-align: center;">TYPICAL PART NUMBER SEQUENCE: MS24665-001 is a 1/32" x 1/4" cadmium plated cotter pin.</p>	 Used as a stop pin.

PERFORMANCE RESULTS VARY. YOUR PIN SELECTION SHOULD BE MADE BASED ON INDIVIDUAL APPLICATION.

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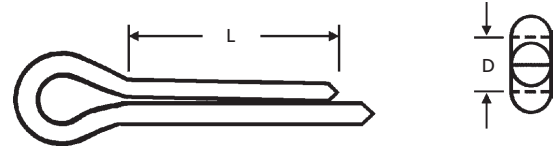
All manufacturer names and numbers are for identification purposes only. In no way are we implying that our parts were made by the manufacturers listed above. Prices, materials, tolerances, and grades subject to change without notice.

COTTER PINS

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MS24665



MILITARY

MANUFACTURER CROSS-REFERENCE

MS	24665	AN	380
AN	381	See also	MS9245

Nominal (D)	Length (L)	WEIGHT Lbs. per 100 Pieces*	CADMIUM PLATED		STAINLESS STEEL		BRASS**	MONEL
			MS24665-	AN380-	MS24665-	AN381-	MS24665-	MS24665-
DIAMETER	LENGTH							
7/32	2	2.53	565	---	580	7-32	---	---
	2-1/4	2.78	566	---	581	7-36	---	---
	2-1/2	2.95	567	---	582	7-40	---	---
	3	3.45	568	---	583	7-48	---	---
	3-1/2	3.80	569	---	584	7-56	---	---
	4	4.20	570	---	585	7-64	---	---
1/4	1	1.89	621	8-4	636	8-16	651	666
	1-1/4	2.07	622	8-5	637	8-20	652	667
	1-1/2	2.42	623	8-6	638	8-24	653	668
	1-3/4	2.68	624	8-7	639	8-28	654	669
	2	2.97	625	8-8	640	8-32	655	670
	2-1/4	3.29	626	---	641	8-36	656	---
	2-1/2	3.45	627	8-10	642	8-40	657	672
	3	4.03	628	8-12	643	8-48	658	673
	3-1/2	4.64	629	8-14	644	8-56	659	---
	4	5.20	630	8-16	645	8-64	660	675
	4-1/2	5.50	631	---	646	---	661	---
	5	6.00	632	---	647	---	662	677
6	7.50	633	---	648	---	663	678	
5/16	1	3.22	681	---	697	10-16	713	729
	1-1/4	3.63	682	---	698	10-20	714	730
	1-1/2	4.01	683	---	699	10-24	715	731
	1-3/4	4.41	684	---	700	10-28	716	732
	2	5.18	685	---	701	10-32	717	733
	2-1/4	5.56	686	---	702	10-36	718	---
	2-1/2	5.94	687	---	703	10-40	719	735
	3	6.77	688	---	704	10-56	720	736
	3-1/2	7.65	689	---	705	10-64	721	---
	4	8.38	690	---	706	---	722	738
	4-1/2	9.20	691	---	707	---	723	---
	5	10.29	692	---	708	---	724	740
6	12.00	694	---	710	---	726	742	
3/8	1-1/2	6.32	747	---	763	---	779	795
	1-3/4	6.80	748	---	764	---	780	796
	2	7.36	749	---	765	---	781	797
	2-1/4	7.90	750	---	766	---	782	---
	2-1/2	8.65	751	---	767	---	783	799
	3	10.41	752	---	768	---	784	800
	3-1/2	11.23	753	---	769	---	785	---
	4	12.42	754	---	770	---	786	802
	4-1/2	13.20	755	---	771	---	787	---
	5	15.24	756	---	772	---	788	804
6	16.75	758	---	774	---	790	806	

* Add 10% for stainless steel, brass, and monel weights. ** Uncoated brass. An additional charge applies for black oxide coating.

DESCRIPTION	GENERAL USE	HOW TO IDENTIFY	APPLICATION
<p>MS 24665</p> <p>Manufactured to the exacting standards set forth by the U.S. Government EXCEPT the extended prong chisel point end design as permitted. Hammerlock available as a special order.</p> <p>MILITARY</p>	<p>UNCOMMON</p>	<ol style="list-style-type: none"> 1. Verify material and end design. 2. Measure diameter (D). 3. Measure length (L). 4. Find the part in the chart above. <p>TYPICAL PART NUMBER SEQUENCE: MS24665-001 is a 1/32" x 1/4" cadmium plated cotter pin.</p>	<p>Lattice assembly.</p>

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