

# COTTER / DOWEL PINS / RIVETS WOODRUFF KEYS / RETAINING RINGS

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<b>DOWEL PINS</b>				<b>COTTER PINS</b>			
1/16 DIA.		1/4 DIA.		7/16 DIA.		3/4 DIA.	
LNG	PART NUMBER	LNG	PART NUMBER	LNG	PART NUMBER	LNG	PART NUMBER
3/16	0007002850	1/2	0007003190	1	0007003610	1	0007003980
1/4	0007002860	5/8	0007003200	1-1/4	0007003620	2	0007004000
5/16	0007002870	3/4	0007003210	1-1/2	0007003630	2-1/2	0007004010
3/8	0007002880	7/8	0007003220	1-3/4	0007003640	3	0007004020
7/16	0007002890	1	0007003230	2	0007003650	3-1/2	0007004030
1/2	0007002900	1-1/8	0007003232	2-1/4	0007003660	4	0007004040
5/8	0007002910	1-1/4	0007003240	2-1/2	0007003670	4-1/2	0007004050
3/4	0007002920	1-1/2	0007003260	2-3/4	0007003680	5	0007004060
7/8	0007002930	1-3/4	0007003270	3	0007003690	6	0007004070
1	0007002940	2	0007003280				
		2-1/4	0007003290				
		2-1/2	0007003300				
3/32 DIA.		5/16 DIA.		1/2 DIA.		7/8 DIA.	
LNG	PART NUMBER	LNG	PART NUMBER	LNG	PART NUMBER	LNG	PART NUMBER
3/16	0007004210	1/2	0007003320	1/2	0007003695	2	0007004080
1/4	0007004220	5/8	0007003330	3/4	0007003700	2-1/2	0007004090
5/16	0007004230	3/4	0007003340	1	0007003710	3	0007004100
7/16	0007004240	7/8	0007003350	1-1/4	0007003720	4	0007004110
1/2	0007004250	1	0007003360	1-1/2	0007003730	6	0007004120
5/8	0007004260	1-1/4	0007003380	1-3/4	0007003740		
3/4	0007004270	1-1/2	0007003400	2	0007003750	1" DIA.	
7/8	0007004280	1-3/4	0007003410	2-1/4	0007003760	LNG	PART NUMBER
1	0007004290	2	0007003420	2-1/2	0007003770	2	0007004130
1-1/4	0007004291	2-1/4	0007003430	2-3/4	0007003780	2-1/2	0007004140
		2-1/2	0007003440	3	0007003790	3	0007004150
		3	0007003450	3-1/4	0007003800	3-1/2	0007004160
				3-1/2	0007003810	4	0007004170
				3-3/4	0007003820	4-1/2	0007004180
				4	0007003830	5	0007004190
				4-1/2	0007003835	6	0007004200
1/8 DIA.		3/8 DIA.		5/8 DIA.			
LNG	PART NUMBER	LNG	PART NUMBER	LNG	PART NUMBER		
1/8	0007002947	1/2	0007003470	1	0007003840		
1/4	0007002948	5/8	0007003480	1-1/4	0007003850		
3/8	0007002950	3/4	0007003490	1-1/2	0007003860		
1/2	0007002960	7/8	0007003500	1-3/4	0007003870		
5/8	0007002970	1	0007003510	2	0007003880		
3/4	0007002980	1-1/4	0007003520	2-1/4	0007003890		
7/8	0007002990	1-1/2	0007003540	2-1/2	0007003900		
1	0007003000	1-3/4	0007003550	3	0007003910		
1-1/4	0007003020	2	0007003560	3-1/2	0007003930		
1-1/2	0007003040	2-1/4	0007003570	4	0007003940		
1-3/4	0007003050	2-1/2	0007003580	4-1/2	0007003950		
2	0007003060	3	0007003600	5	0007003960		
3/16 DIA.							
LNG	PART NUMBER						
3/8	0007003065						
1/2	0007003070						
5/8	0007003080						
3/4	0007003090						
7/8	0007003100						
1	0007003110						
1-1/4	0007003130						
1-1/2	0007003150						
1-3/4	0007003160						
2	0007003170						
2-3/4	0007003180						

<b>COTTER PINS</b>					
1/16 DIA.		3/16 DIA.		5/16 DIA.	
LNG	PART NUMBER	LNG	PART NUMBER	LNG	PART NUMBER
1/2	0007000010	3/4	0007000210	1	0007000460
3/4	0007000020	1	0007000220	1-1/4	0007000470
1	0007000030	1-1/4	0007000230	1-1/2	0007000480
1-1/4	0007000040	1-1/2	0007000240	1-3/4	0007000490
1-1/2	0007000050	1-3/4	0007000250	2	0007000500
1-3/4	0007000060	2	0007000260	2-1/4	0007000510
2	0007000070	2-1/4	0007000270	2-1/2	0007000520
		2-1/2	0007000280	3	0007000530
		3	0007000290	3-1/2	0007000540
		3-1/2	0007000300	4	0007000550
		4	0007000310	5	0007000570
3/32 DIA.		1/4 DIA.		3/8 DIA.	
LNG	PART NUMBER	LNG	PART NUMBER	LNG	PART NUMBER
1/2	0007001260	1	0007000330	1-1/2	0007000600
3/4	0007001270	1-1/4	0007000340	2	0007000610
1	0007001280	1-1/2	0007000350	2-1/2	0007000630
1-1/4	0007001290	1-3/4	0007000360	3	0007000640
1-1/2	0007001300	2	0007000370	3-1/2	0007000650
1-3/4	0007001310	2-1/4	0007000380	4	0007000660
2	0007001320	2-1/2	0007000390	5	0007000670
2-1/4	0007001325	3	0007000400	6	0007000680
2-1/2	0007001340	3-1/2	0007000410		
		4	0007000420	1/2 DIA.	
				LNG	PART NUMBER
				2	0007001400

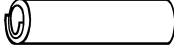
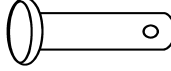


  

<b>HAIRPIN COTTERS</b>					
Hairpin cotter pins are reusable pins that can be inserted and removed quickly					
WIRE DIA.	INNER DIA.	TOTAL LNG	PART NUMBER		
3/4	.032	3/32	15/32	0007006100	
1	.062	3/16	1	0007006110	
1-1/4	.062	1/8	11/16	0007006120	
1-1/2	.047	1/8	7/8	0007006130	
1-3/4	.035	1/8	1/2	0007006140	
2	.046	3/16	15/16	0007006150	
2-1/4	.102	7/16	21/16	0007006160	
2-1/2	.028	1/19	1/2	0007006170	
3	.177	3/4	23/4	0007006180	
	.032	9/64	5/8	0007006190	
	.047	1/8	15/16	0007006200	
	.047	5/16	9/16	0007006210	
	.047	3/8	5/8	0007006220	
	5/32	3/4	2-1/2	0007006222	
	5/32	3/4	2-3/4	0007006221	
	1/4	1	4	0007006223	

LNG = LENGTH

# COTTER / DOWEL PINS / RIVETS WOODRUFF KEYS / RETAINING RINGS

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<b>COILED SPIRAL PIN</b>			<b>CLEVIS PINS</b>			<b>"E" CLIPS</b>		
								
<b>1/16 DIA.</b>			<b>3/16 DIA.</b>			<b>DIAMETER</b>		
LNG	PART NUMBER		LNG	PART NUMBER		LNG	PART NUMBER	
5/16	0007005200		1/2	0007005430		1/16	0007005900	
3/4	0007005210		3/4	0007005440		3/32	0007005910	
<b>5/64 DIA.</b>			<b>5/16 DIA.</b>			<b>1/2 DIA.</b>		
LNG	PART NUMBER		LNG	PART NUMBER		LNG	PART NUMBER	
3/4	0007005220		1	0007005650		1-1/4	0007001532	
1	0007005230		1-1/4	0007005660		1-1/4	0007001533	
1-1/4	0007005240		1-1/4	0007005670		1-1/2	0007001534	
<b>3/32 DIA.</b>			<b>3/8 DIA.</b>			<b>5/8 DIA.</b>		
LNG	PART NUMBER		LNG	PART NUMBER		LNG	PART NUMBER	
5/8	0007005250		1-1/4	0007005720		1-1/2	0007001551	
3/4	0007005260		1-1/2	0007005730		2	0007001553	
1	0007005270		2	0007005740		1	0007006000	
1-1/4	0007005280		2-1/2	0007005750		5/8	0007006010	
1-1/2	0007005290		3	0007005760		3/4	0007006020	
<b>1/8 DIA.</b>			<b>7/16 DIA.</b>			<b>1/4 DIA.</b>		
LNG	PART NUMBER		LNG	PART NUMBER		LNG	PART NUMBER	
3/8	0007005300		2	0007005770		1	0007001509	
1/2	0007005310		2-1/2	0007005780		1*	0007001509-1	
3/4	0007005320		3	0007005790		1-1/4	0007001510	
1	0007005330		<b>1/2 DIA.</b>			1-1/2	0007001511	
1-1/2	0007005340		LNG	PART NUMBER		1-1/2*	0007001511-1	
1-3/4	0007005350		1-1/2	0007005800		1-3/4	0007001512	
2	0007005360		2	0007005810		2	0007001513	
<b>5/32 DIA.</b>			<b>3/8 DIA.</b>			<b>5/16 DIA.</b>		
LNG	PART NUMBER		LNG	PART NUMBER		LNG	PART NUMBER	
3/4	0007005370		1-1/2	0007005820		1	0007001517	
1	0007005380		2-1/2	0007005830		1-1/4	0007001518	
1-1/8	0007005390		<b>SQUARE KEYSTOCK</b>			<b>ZINC PLATING</b>		
1-1/4	0007005400					<b>12"</b>		
1-1/2	0007005410		SIZE	PART NUMBER	SIZE	PART NUMBER	SIZE	PART NUMBER
2	0007005420		1/8 X 1/8	0007006750	3/8 X 3/8	0007006790	5/8 X 5/8	0007006910
			1/8 X 3/8	0007006741	3/8 X 1/2	0007006795	3/4 X 3/4	0007006920
			1/8 X 3/16	0007006746	7/16 X 7/16	0007006800	7/8 X 7/8	0007006930
			18 X 1/4	0007006747	7/16 X 1/2	0007006745	1 X 1	0007006940
			3/16 X 3/16	0007006760	1/2 X 1/2	0007006900		
			1/4 X 1/4	0007006770	1/2 X 3/4	0007006743		
			1/4 X 3/8	0007006980	1/2 X 5/8	0007006744		
			1/4 X 1/2	0007006742	9/16 X 9/16	0007006905		
			5/16 X 5/16	0007006780	11/16 X 11/16	0007006908		

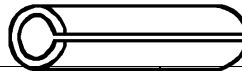
LNG = LENGTH

\*=STEEL

# COTTER / DOWEL PINS / RIVETS WOODRUFF KEYS / RETAINING RINGS

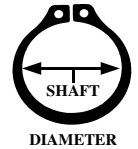
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## SPRING LOCK PINS



1/16 DIA.		1/8 DIA.		3/16 DIA.		1/4 DIA.		3/8 DIA.	
LNG	PART NUMBER	LNG	PART NUMBER	LNG	PART NUMBER	LNG	PART NUMBER	LNG	PART NUMBER
3/16	0007007000	1/4	0007007048	3/8	0007007088	1/2	0007007128	3/4	0007007171
1/4	0007007001	3/8	0007007049	1/2	0007007089	5/8	0007007129	1	0007007172
5/16	0007007002	7/16	0007007050	9/16	0007007090	11/16	0007007130	1-1/4	0007007173
3/8	0007007003	1/2	0007007051	5/8	0007007091	3/4	0007007131	1-1/2	0007007174
7/16	0007007004	9/16	0007007052	11/16	0007007092	13/16	0007007132	1-3/4	0007007175
1/2	0007007005	5/8	0007007053	3/4	0007007093	7/8	0007007133	2	0007007176
9/16	0007007006	11/16	0007007054	13/16	0007007094	15/16	0007007134	2-1/4	0007007177
5/8	0007007007	3/4	0007007055	7/8	0007007095	1	0007007135	2-1/2	0007007178
11/16	0007007008	13/16	0007007056	15/16	0007007096	1-1/8	0007007136	2-3/4	0007007179
3/4	0007007009	7/8	0007007057	1	0007007097	1-1/4	0007007137	3	0007007180
13/16	0007007010	15/16	0007007058	1-1/8	0007007098	1-1/4	0007007137	3-1/4	0007007181
7/8	0007007011	1	0007007059	1-1/4	0007007099	1-3/8	0007007138	3-1/2	0007007182
15/16	0007007012	1-1/4	0007007061	1-3/8	0007007100	1-1/2	0007007139	3-3/4	0007007183
1	0007007013	1-3/8	0007007062	1-1/2	0007007101	1-5/8	0007007140	4	0007007184
<b>5/64 DIA.</b>		1-1/2	0007007063	1-5/8	0007007102	1-3/4	0007007141	<b>7/16 DIA.</b>	
LNG	PART NUMBER	1-5/8	0007007064	1-3/4	0007007103	1-7/8	0007007142	LNG	PART NUMBER
3/16	0007007014	1-3/4	0007007065	1-7/8	0007007104	2	0007007143	1	0007007185
1/4	0007007015	1-7/8	0007007066	2	0007007105	2-1/4	0007007144	1-1/4	0007007186
5/16	0007007016	2	0007007067	2-1/2	0007007107	2-1/2	0007007145	1-1/2	0007007187
3/8	0007007017	<b>5/32 DIA.</b>		<b>7/32 DIA.</b>		2-3/4	0007007146	1-3/4	0007007188
7/16	0007007018	LNG	PART NUMBER	LNG	PART NUMBER	3	0007007147	2	0007007189
1/2	0007007019	7/16	0007007068	9/16	0007007108	3-1/4	0007007148	2-1/4	0007007190
9/16	0007007020	1/2	0007007069	11/16	0007007109	3-1/2	0007007149	2-1/2	0007007191
5/8	0007007021	9/16	0007007070	5/8	0007007110	<b>5/16 DIA.</b>		2-3/4	0007007192
11/16	0007007022	5/8	0007007071	13/16	0007007112	LNG	PART NUMBER	3	0007007193
3/4	0007007023	11/16	0007007072	7/8	0007007113	3/4	0007007150	3-1/4	0007007194
13/16	0007007024	13/16	0007007074	15/16	0007007114	13/16	0007007151	3-1/2	0007007195
7/8	0007007025	7/8	0007007075	1	0007007115	7/8	0007007152	3-3/4	0007007196
15/16	0007007026	15/16	0007007076	1-1/8	0007007116	15/16	0007007153	4	0007007197
1	0007007027	1	0007007077	1-1/4	0007007117	1	0007007154	<b>1/2 DIA.</b>	
1-1/8	0007007028	1-1/8	0007007078	1-3/8	0007007118	1-1/8	0007007155	LNG	PART NUMBER
1-1/4	0007007029	1-1/4	0007007079	1-1/2	0007007119	1-1/4	0007007156	1-1/4	0007007198
1-1/2	0007007030	1-3/8	0007007080	1-5/8	0007007120	1-3/8	0007007157	1-1/2	0007007199
<b>3/32 DIA.</b>		1-1/2	0007007081	1-3/4	0007007121	1-1/2	0007007158	1-3/4	0007007200
LNG	PART NUMBER	1-5/8	0007007082	1-7/8	0007007122	1-5/8	0007007159	2	0007007201
1/4	0007007031	1-3/4	0007007083	2	0007007123	1-3/4	0007007160	2	0007007202
5/16	0007007032	1-7/8	0007007084	2-1/4	0007007124	1-7/8	0007007161	2-1/4	0007007202
3/8	0007007033	2	0007007085	2-1/2	0007007125	2	0007007162	2-1/2	0007007203
7/16	0007007034	2-1/4	0007007086	2-3/4	0007007126	2-1/4	0007007163	2-3/4	0007007204
1/2	0007007035	2-1/2	0007007087	3	0007007127	2-1/2	0007007164	3	0007007205
9/16	0007007036					2-3/4	0007007165	3-1/4	0007007206
5/8	0007007037					3	0007007166	3-1/2	0007007207
11/16	0007007038					3-1/4	0007007167	3-3/4	0007007208
3/4	0007007039					3-1/2	0007007168	4	0007007209
13/16	0007007040					3-3/4	0007007169		
7/8	0007007041					4	0007007170		
15/16	0007007042								
1	0007007043								
1-1/4	0007007045								
1-3/8	0007007046								
1-1/2	0007007047								

## RETAINING RINGS



INTERNAL		EXTERNAL	
DIA.	PART NUMBER	DIA.	PART NUMBER
1/4	0007004500	1/8	0007004820
5/16	0007004510	3/16	0007004830
3/8	0007004520	1/4	0007004840
7/16	0007004530	5/16	0007004850
29/64	0007004540	3/8	0007004860
1/2	0007004550	13/32	0007004870
9/16	0007004560	7/16	0007004880
5/8	0007004570	15/32	0007004890
11/16	0007004580	1/2	0007004900
3/4	0007004590	9/16	0007004910
13/16	0007004600	19/32	0007004920
.777	0007004605	5/8	0007004930
7/8	0007004610	11/16	0007004940
.901	0007004615	3/4	0007004950
15/16	0007004620	25/32	0007004960
1	0007004630	13/16	0007004970
1-1/16	0007004640	7/8	0007004980
1-1/8	0007004650	15/16	0007004990
1-3/16	0007004660	63/64	0007004995
1-1/4	0007004670	1	0007005000
1-5/16	0007004680	1-1/16	0007005010
1-3/8	0007004690	1-1/8	0007005020
1-7/16	0007004700	1-3/16	0007005030
1-1/2	0007004710	1-1/4	0007005040
1-9/16	0007004720	1-5/16	0007005050
1-5/8	0007004730	1-3/8	0007005060
1-11/16	0007004740	1-7/16	0007005070
1-3/4	0007004750	1-1/2	0007005080
1-13/16	0007004760	1-9/16	0007005090
1-7/8	0007004770	1-5/8	0007005100
1-15/16	0007004780	1-3/4	0007005110
2	0007004790	1-11/16	0007005115
2-1/16	0007004800	1-13/16	0007005117
2-1/8	0007004810	1-7/8	0007005120
2-1/2	0007004814	2	0007005130
		2-5/8	0007005132
		3	0007005138

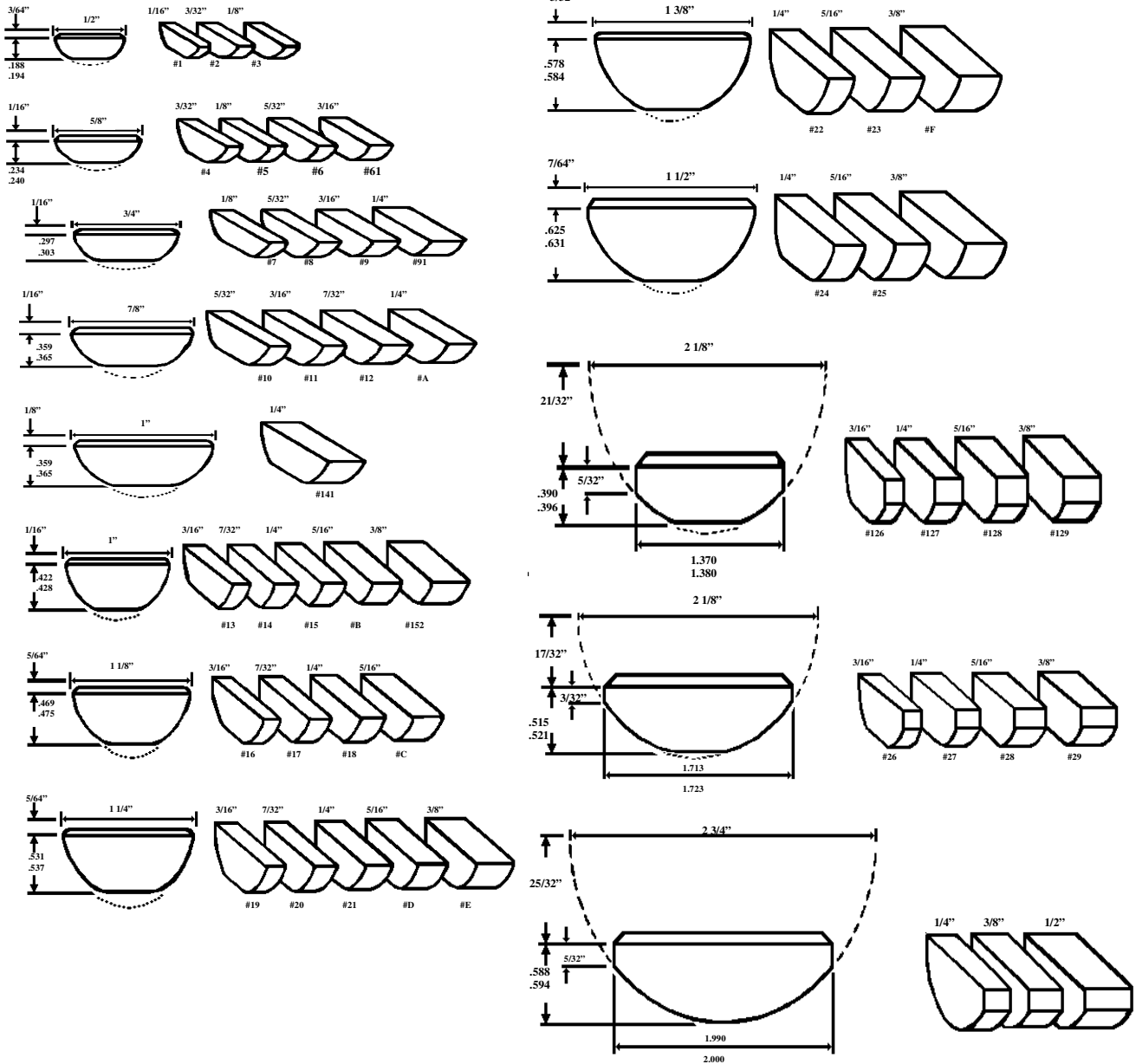
Retaining rings are precision-engineered components which, applied on shafts or in bores, provide a shoulder that accurately positions, locates or retains other parts of an assembly. The are used to replace pins and washers, threaded sections, collars, machine shoulders, and other costly and time-consuming methods. Retaining rings are available in thirty-nine different design series, to suit shaft/bore sizes from .039" to fifteen inches, and in a full range of metric sizes from 1mm to 400mm.

LNG = LENGTH

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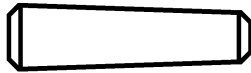
## WOODRUFF KEYS SIZE CHART



USA STD #	SIZE	PART NUMBER	USA STD #	SIZE	PART NUMBER	USA STD #	SIZE	PART NUMBER	USA STD #	SIZE	PART NUMBER
1	1/16 X 1/2	0007006290	8	5/32 X 3/4	0007006370	126	3/16 X 2-1/8	0007006450	21	1/4 X 1-1/4	0007006630
2	3/32 X 1/2	0007006300	10	5/32 X 7/8	0007006380	12	7/32 X 7/8	0007006560	22	1/4 X 1-3/8	0007006640
4	3/32 X 5/8	0007006310	61	3/16 X 5/8	0007006390	14	7/32 X 1	0007006570	24	1/4 X 1-1/2	0007006650
213	1/8 X 3/8	0007006320	9	3/16 X 3/4	0007006400	17	7/32 X 1-1/8	0007006580	B	5/16 X 1	0007006660
3	1/8 X 1/2	0007006330	11	3/16 X 7/8	0007006410	91	1/4 X 3/4	0007006590	C	5/16 X 1-1/8	0007006670
5	1/8 X 5/8	0007006340	13	3/16 X 1	0007006420	A	1/4 X 7/8	0007006600	D	5/16 X 1-1/4	0007006680
7	1/8 X 3/4	0007006350	16	3/16 X 1-1/8	0007006430	15	1/4 X 1	0007006610	23	5/16 X 1-3/8	0007006690
6	5/32 X 5/8	0007006360	19	3/16 X 1-1/4	0007006440	18	1/4 X 1-1/8	0007006620	E	3/8 X 1-1/4	0007006700
									F	3/8 X 1-3/8	0007006710

# COTTER / DOWEL PINS / RIVETS WOODRUFF KEYS / RETAINING RINGS

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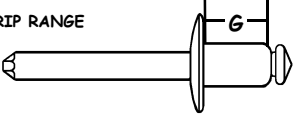
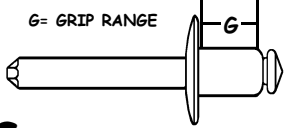
## TAPER PINS



7/0 1/16 DIA.		3/0 1/8 DIA.		#1 1/16 DIA.		#3 7/32 DIA.		#5 19/64 DIA.		#7 13/32 DIA.		#9 19/32 DIA.	
LNG	PART NUMBER	LNG	PART NUMBER	LNG	PART NUMBER	LNG	PART NUMBER	LNG	PART NUMBER	LNG	PART NUMBER	LNG	PART NUMBER
1/2	0077000105	1/2	0077000240	3/4	0077000445	3/4	0077000585	3/4	0077000785	1	0077001025	1	0077001275
3/4	0077000110	3/4	0077000245	1	0077000450	1	0077000590	1	0077000790	1-1/4	0077001030	1-1/4	0077001280
1	0077000115	1	0077000250	1-1/4	0077000455	1-1/4	0077000595	1-1/4	0077000795	1-1/2	0077001035	1-1/2	0077001285
1-1/4	0077000120	1-1/4	0077000255	1-1/2	0077000460	1-1/2	0077000600	1-1/2	0077000800	1-3/4	0077001040	1-3/4	0077001290
1-1/2	0077000125	1-1/2	0077000260	1-3/4	0077000465	1-3/4	0077000605	1-3/4	0077000805	2	0077001045	2	0077001295
<b>6/0 5/64 DIA.</b>		1-3/4	0077000265	2	0077000470	2	0077000610	2	0077000810	2-1/4	0077001050	2-1/4	0077001300
		2	0077000270	2-1/4	0077000475	2-1/4	0077000615	2-1/4	0077000815	2-1/2	0077001055	2-1/2	0077001305
<b>LNG PART NUMBER</b>		2-1/4	0077000275	2-1/2	0077000480	2-1/2	0077000620	2-1/2	0077000820	2-3/4	0077001060	2-3/4	0077001310
		2-1/2	0077000280	2-3/4	0077000485	2-3/4	0077000625	2-3/4	0077000825	3	0077001065	3	0077001315
1/2	0077000130	2-3/4	0077000285	3	0077000490	3	0077000630	3	0077000830	3-1/4	0077001070	3-1/4	0077001320
3/4	0077000135	3	0077000290	3-1/4	0077000495	3-1/4	0077000635	3-1/4	0077000835	3-1/2	0077001075	3-1/2	0077001325
1	0077000140	3-1/4	0077000295	3-1/2	0077000500	3-1/2	0077000640	3-1/2	0077000840	3-3/4	0077001080	3-3/4	0077001330
1-1/4	0077000145	<b>2/0 9/64 DIA.</b>		3-3/4	0077000505	3-3/4	0077000645	3-3/4	0077000845	4	0077001085	4	0077001335
1-1/2	0077000150			LNG PART NUMBER	4	0077000510	4	0077000650	4	0077000850	4-1/4	0077001090	4-1/4
<b>5/0 3/32 DIA.</b>		1/2	0077000300	<b>#2 3/16 DIA.</b>		4-1/4	0077000655	4-1/4	0077000855	4-1/2	0077001095	4-1/2	0077001345
		3/4	0077000305			LNG PART NUMBER	4-1/2	0077000660	4-1/2	0077000860	4-3/4	0077001100	4-3/4
1/2	0077000155	1-1/4	0077000315	3/4	0077000515	<b>#4 1/4 DIA.</b>		4-3/4	0077000865	5	0077001105	5	0077001355
3/4	0077000160	1-1/2	0077000320	1	0077000520			LNG PART NUMBER	5-1/4	0077000875	5-1/4	0077001110	5-1/4
1	0077000165	1-3/4	0077000325	1-1/4	0077000525	3/4	0077000675	5-1/2	0077000880	5-1/2	0077001115	5-1/2	0077001365
1-1/4	0077000170	2	0077000330	1-1/2	0077000530	1	0077000680	5-3/4	0077000885	5-3/4	0077001120	5-3/4	0077001370
1-1/2	0077000175	2-1/4	0077000335	2	0077000535	1-1/4	0077000685	6	0077000890	6	0077001125	6	0077001375
<b>4/0 7/64 DIA.</b>		2-1/2	0077000340	2	0077000540	1-1/2	0077000690	<b>#6 11/32 DIA.</b>		6-1/4	0077001130	6-1/4	0077001380
		2-	0077000345	2-1/4	0077000545	1-3/4	0077000695			LNG PART NUMBER	6-1/2	0077001135	6-1/2
1/2	0077000180	3/4	0077000350	2-1/2	0077000550	2	0077000700	3/4	0077000895	6-3/4	0077001140	6-3/4	0077001390
3/4	0077000185	3	0077000355	2-	0077000555	2-1/4	0077000705	1	0077000900	7	0077001145	7	0077001395
1	0077000190	3-1/4	0077000360	3/4	0077000560	1-1/2	0077000710	1-1/4	0077000905	<b>#8 1/2 DIA.</b>		<b>#10 23/32 DIA.</b>	
1-1/4	0077000200	<b>#0 5/32 DIA.</b>		3	0077000565	2-1/2	0077000715	1-1/2	0077000910				
1-1/2	0077000205			LNG PART NUMBER	3-1/4	0077000570	3	0077000720	2-1/2	0077000720	1	0077001150	1
1-3/4	0077000210	1/2	0077000370	3-1/2	0077000575	3-1/4	0077000725	1-3/4	0077000915	1-1/4	0077001155	1-1/4	0077001405
2	0077000215	3/4	0077000375	3-3/4	0077000580	3-1/2	0077000730	2	0077000920	1-1/2	0077001160	1-1/2	0077001410
2-1/4	0077000220	4	0077000380	<b>LNG = LENGTH</b>		4	0077000740	2-1/4	0077000925	1-3/4	0077001165	1-3/4	0077001415
2-1/2	0077000225	1	0077000385			4-1/4	0077000745	3-3/4	0077000735	2-1/2	0077000930	2	0077001170
2-3/4	0077000230	1-1/4	0077000385	4-1/2	0077000750	4-1/4	0077000745	2-3/4	0077000935	2-1/4	0077001175	2-1/4	0077001425
3	0077000235	1-1/2	0077000390	4-3/4	0077000755	4-1/2	0077000755	3	0077000940	2-1/2	0077001180	2-1/2	0077001430
<b>LNG PART NUMBER</b>		1-3/4	0077000395	5	0077000760	5	0077000760	3-1/4	0077000945	2-3/4	0077001185	2-3/4	0077001435
		2	0077000400	5-1/4	0077000765	5-1/4	0077000765	3-1/2	0077000950	3	0077001190	3	0077001440
2-1/4	0077000405	5-1/2	0077000770	5-1/2	0077000770	5-1/2	0077000770	3-3/4	0077000955	3-1/4	0077001195	3-1/4	0077001445
2-1/2	0077000410	5-3/4	0077000775	6	0077000780	6	0077000780	4	0077000960	3-1/2	0077001200	3-1/2	0077001450
2-3/4	0077000415	<b>LNG PART NUMBER</b>		<b>LNG = LENGTH</b>		<b>LNG = LENGTH</b>		4-1/4	0077000965	3-3/4	0077001205	3-3/4	0077001455
3-1/4	0077000425							4-1/2	0077000970	4-1/2	0077000970	4	0077001210
3-1/2	0077000430	4-3/4	0077000975	5	0077000980	5	0077000980	4-1/4	0077001215	4-1/4	0077001215	4-1/4	0077001465
3-3/4	0077000435	6	0077000980	5-1/4	0077000985	5-1/4	0077000985	4-1/2	0077001220	4-1/2	0077001220	4-1/2	0077001470
4	0077000440	6-1/2	0077001010	6-1/2	0077001010	6-1/2	0077001010	4-3/4	0077001225	5	0077001230	4-3/4	0077001475
<b>LNG PART NUMBER</b>		6-3/4	0077001015	6-3/4	0077001015	6-3/4	0077001015	5-1/4	0077001235	5-1/4	0077001235	5-1/4	0077001480
		7	0077001020	7	0077001020	7	0077001020	6	0077001240	6	0077001240	6	0077001485
<b>LNG PART NUMBER</b>		7	0077001020	<b>LNG PART NUMBER</b>		<b>LNG PART NUMBER</b>		6-1/4	0077001245	6-1/4	0077001245	6-1/4	0077001490
		7	0077001020					6-1/2	0077001250	6-1/2	0077001250	6-1/2	0077001255
<b>LNG PART NUMBER</b>		7	0077001020	<b>LNG PART NUMBER</b>		<b>LNG PART NUMBER</b>		6-3/4	0077001260	6-3/4	0077001260	6-3/4	0077001500
		7	0077001020					7	0077001270	7	0077001270	7	0077001270

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<b>BLIND RIVETS</b>			<b>DOMED HEAD</b>			<b>LARGE FLANGE RIVETS</b>								
														
ALUMINUM RIVET / ALUMINUM MANDREL			ALUMINUM RIVET / STEEL MANDREL			STEEL RIVET / STEEL MANDREL			STEEL RIVET / STEEL MANDREL			ALUMINUM RIVET / STEEL MANDREL		
1/8 DIA.			1/8 DIA.			1/8 DIA.			1/8 DIA.			1/8 DIA.		
GRIP	SZ	PART NUMBER	GRIP	SZ	PART NUMBER	GRIP	SZ	PART NUMBER	GRIP	SZ	PART NUMBER	GRIP	SZ	PART NUMBER
.020-.062	4-1	0007010500	.020-.062	4-1	0007010600	.020-.062	4-1	0007010650	.020-.125	4-2	0007010000	.020-.125	4-2	0007010030
.063-.125	4-2	0007010501	.063-.125	4-2	0007010601	.063-.125	4-2	0007010651	.126-.187	4-3	0007010001	.126-.187	4-3	0007010032
.126-.187	4-3	0007010502	.126-.187	4-3	0007010602	.188-.250	4-4	0007010653	.188-.250	4-4	0007010002	.188-.250	4-4	0007010033
.188-.250	4-4	0007010503	.188-.250	4-4	0007010603	.251-.312	4-5	0007010654	.251-.375	4-6	0007010003	.251-.375	4-6	0007010033
.313-.375	4-6	0007010504	.251-.312	4-5	0007010604	.313-.375	4-6	0007010655	.376-.500	4-8	0007010004	<b>3/16 DIA.</b>		
.376-.500	4-8	0007010505	.313-.375	4-6	0007010605	.376-.500	4-8	0007010656	.020-.250	6-4	0007010010	GRIP	SZ	PART NUMBER
<b>3/16 DIA.</b>			.376-.500	4-8	0007010606	<b>3/16 DIA.</b>			.251-.375	6-6	0007010012	.020-.250	6-4	0007010036
GRIP	SZ	PART NUMBER	.501-.625	4-10	0007010607	GRIP	SZ	PART NUMBER	.376-.500	6-8	0007010014	.251-.375	6-6	0007010038
.020-.125	6-2	0007010506	<b>3/16 DIA.</b>			.020-.125	6-2	0007010660	<b>1/4 DIA.</b>			.376-.500	6-8	0007010040
.188-.250	6-4	0007010507	GRIP	SZ	PART NUMBER	.188-.250	6-4	0007010662	.020-.250	8-4	0007010670	<b>ALUMINUM RIVET / ALUMINUM MANDREL</b>		
.251-.375	6-6	0007010508	.020-.125	6-2	0007010620	.251-.375	6-6	0007010663	.251-.375	8-6	0007010671	<b>1/8 DIA.</b>		
.376-.500	6-8	0007010509	.188-.250	6-4	0007010622	.376-.500	6-8	0007010664	.188-.250	4-4	0007010672	GRIP	SZ	PART NUMBER
<b>1/4 DIA.</b>			.376-.500	6-8	0007010624	.501-.625	6-10	0007010665	.251-.375	8-6	0007010673	.020-.125	4-2	0007010050
GRIP	SZ	PART NUMBER	.501-.625	6-10	0007010625	<b>1/4 DIA.</b>			.376-.500	8-8	0007010674	.188-.250	4-4	0007010052
.020-.250	8-4	0007010510	<b>1/4 DIA.</b>			GRIP	SZ	PART NUMBER	<b>3/16 DIA.</b>			.251-.375	4-6	0007010054
.251-.375	8-6	0007010511	GRIP	SZ	PART NUMBER	.020-.250	8-4	0007010670	GRIP	SZ	PART NUMBER	.020-.250	6-4	0007010058
.376-.500	8-8	0007010512	.020-.250	8-4	0007010630	.251-.375	8-6	0007010671	.251-.375	6-6	0007010059	.376-.500	6-8	0007010060
<b>1/4 DIA.</b>			.251-.375	8-6	0007010631	.376-.500	8-8	0007010672	<b>3/16 DIA.</b>			<b>3/16 DIA.</b>		
<b>1/4 DIA.</b>			.376-.500	8-8	0007010632	.501-.625	8-10	0007010673	.020-.250	6-4	0007010054	<b>3/16 DIA.</b>		
<b>1/4 DIA.</b>			.501-.625	8-10	0007010633	<b>1/4 DIA.</b>			.251-.375	6-6	0007010059	<b>3/16 DIA.</b>		
<b>1/4 DIA.</b>			<b>1/4 DIA.</b>			<b>1/4 DIA.</b>			.376-.500	6-8	0007010060	<b>3/16 DIA.</b>		

The material rivets are composed of varies. They are denoted by Rivet Material / Mandrel Material. Please check to ensure you order the right material as well as the right size.

