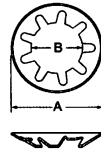
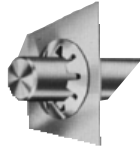


INTERNAL TOOTH RETAINERS

STANDARD INTERNAL TOOTH SPRINGRIP™ RETAINERS



Internal tooth retainers slip easily over unthreaded shafts, rods and studs. The internal teeth flex as the retainer is pushed on, engaging the full circumference of the shaft, and setting up a strut action that strongly resists any back-off force. Slightly longer pilot teeth on the standard style are present on all but the smallest diameter parts, and are positioned to guide and center the retainer as it is pushed on the shaft.

SHAFT SIZE DESIGN +/- .002	WCL PART NUMBER	OUTSIDE DIAMETER A NOM.	INSIDE DIA. B		MATERIAL THICKNESS	NO. OF GRIP TEETH	NO. OF PILOT TEETH	APPROX. APPLICATION FORCE (LBS.)	APPROX. REMOVAL FORCE (LBS.)
			MIN.	MAX.					
.094	8064-09-00	.394	.085	.088	.010	4	-	15	90
.156	8064-15-00	.394	.146	.150	.010	3	3	10	140
.187	8064-18-00	.394	.177	.181	.015	3	3	15	170
.250	8064-25-00	.462	.234	.239	.015	3	3	20	220
.312	8064-31-00	.598	.288	.292	.015	6	3	20	400
.375	8064-37-00	.680	.350	.355	.015	6	3	20	450
.500	8064-50-00	.776	.483	.490	.017	6	3	25	520

Note: Due to shaft design and material variations, we suggest that you request testing samples prior to placing orders

INTERNAL TOOTH RETAINERS STYLE A

SHAFT SIZE DESIGN +/- .002	WCL PART NUMBER	OUTSIDE DIAMETER A NOM.	INSIDE DIAMETER B		MATERIAL THICKNESS
			MIN.	MAX.	
.125	R-041210-1	.265	.113	.118	.010
.145	R-041415-1	.273	.133	.140	.015
.156	R-061512-1	.356	.147	.152	.012
.175	R-051710-1	.333	.163	.168	.010
.187	R-051810-1	.333	.173	.178	.010
.187	R-051810-2	.333	.178	.183	.010
.205	R-052010-1	.333	.194	.198	.010
.238	R-072315-1	.460	.228	.236	.015
.238	R-082315-1	.475	.228	.236	.015
.250	R-082310-1	.473	.234	.239	.010
.250	R-082525-1	.472	.235	.240	.025
.250	R-082420-1	.515	.238	.242	.020
.250	R-082410-1	.472	.239	.244	.010
.265	R-082615-1	.472	.244	.250	.015
.265	R-052406-2	.389	.244	.250	.006
.276	R-102712-1	.620	.265	.270	.012
.312	R-093020-1	.540	.298	.302	.020
.312	R-083012-1	.474	.299	.304	.012
.312	R-083015-1	.510	.295	.305	.015
.324	R-113124-1	.680	.312	.316	.024
	R-071232-1	.437	Note 1		.030
.375	R-113615-1	.685	.360	.365	.015
.403	R-103914-1	.625	.390	.394	.014
.495	R-114815-1	.687	.478	.484	.015
Note 2	R-164716-1	1.028	.485	.490	.016
.625	R-186120-1	1.083	.618	.608	.020
.625	R-156115-1	.951	.610	.614	.015
.640	R-146315-1	.875	.625	.631	.015
.659	R-186520-1	1.083	.647	.657	.020
.675	R-216628-1	1.299	.659	.669	.295
.703	R-176813-1	1.082	.681	.689	.013
Note 2	R-167515-1	1.015	.760	.740	.015
.800	R-227825-1	1.375	.790	.780	.025
1.125	R-32J815-1	2.000	1.075	1.085	.015
1.135	R24K215-1	1.573	1.120	1.125	.015

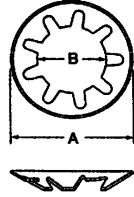
Note: Due to shaft design and material variations, we suggest that you request testing samples prior to placing orders

1. Irregular hole. Request print.

2. Internal and external teeth. Request print.

INTERNAL TOOTH RETAINERS

OTHER INTERNAL TOOTH SPRINGRIP RETAINERS



SHAFT SIZE DESIGN +/- .002	WCL PART NUMBER	OUTSIDE DIAMETER A NOM.	INSIDE DIAMETER B		MATERIAL THICKNESS
			MIN.	MAX.	
.078	8063-08-00	.220	.068	.073	.010
.094	8063-09-00	.180	.081	.085	.010
.094	8063-09-03	.265	.081	.086	.010
.087	8063-09-04	.180	.080	.077	.012
.112	8063-11-00	.258	.102	.107	.010
.120	8063-12-01	.265	.110	.115	.010
.125	8063-12-00	.265	.113	.118	.010
.135	8063-13-01	.263	.122	.127	.010
.145	8063-14-00	.281	.133	.140	.015
.156	8063-15-00	.332	.146	.151	.010
.156	8063-15-04	.332	.146	.151	.012
.162	8063-16-01*	.332	.152	.157	.010
.162	8063-16-02	.333	.151	.155	.020
.175	8063-17-02	.332	.164	.166	.010
.181	8063-18-09	.333	.174	.170	.010
.187	8063-18-10	.332	.173	.178	.010
.218	8063-21-01	.402	.202	.207	.013
.226	8063-22-00	.472	.215	.220	.015
.250	8063-25-00	.472	.239	.244	.015
.250	8063-25-03	.477	.240	.235	.025
.250	8063-25-05*	.734	.239	.244	.020
.250	8063-25-10*	.625	.239	.244	.020
.265	8063-26-00	.472	.250	.255	.013
.311	8065-31-00	.626	.295	.301	.020
.312	8063-31-00	.603	.299	.304	.015
.312	8063-31-07**	.598	.288	.292	.025
.312	8063-31-08	.473	.304	.299	.012
.330	8063-31-09	.472	.318	.323	.013
.343	8063-34-01	.687	.328	.333	.010
.375	8063-37-00	.687	.360	.365	.015
.421	8063-43-14	.781	.390	.394	.012
.421	8063-43-03*	.781	.400	.410	.017
.437	8063-43-02*	.781	.427	.432	.010
.437	8063-43-01	.687	.427	.432	.010
.475	8063-47-01	.781	.467	.462	.017
.500	8063-50-02	.781	.493	.498	.010
.552	8063-55-01*	1.000	.541	.546	.020
.625	8063-62-00	.968	.610	.615	.020
.625	8063-62-02	.968	.610	.615	.040
.703	8063-70-00	1.250	.686	.693	.029
.750	8063-75-03	.965	.735	.740	.010
.750	8063-75-01*	1.250	.735	.740	.020
.850	8063-85-00	1.192	.835	.840	.025
1.000	8063-99-04*	1.375	.970	.980	.015
1.062	8063-99-03	1.625	1.040	1.045	.012

Note: Due to shaft design and material variations, we suggest that you request testing samples prior to placing orders

* Part has flat outer rim.

** Part has combination of gripping and pilot teeth.