

SERIES 150 OVERSHOT UPPER EXTENSION DIMENSIONAL AND STRENGTH DATA

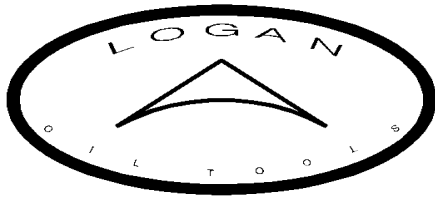
Below is a list of "codes" to alert the user to the meaning of the data:

N/A 1 - standard ID larger than maximum basket grapple ID plus 1/16"

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Overshot Assembly Number	Extension Part Number	STD OD	STD ID	Tensile at Standard ID	Maximum Catch Basket	Tensile at Basket Plus 1/16	Maximum Catch Spiral	Tensile at Spiral Plus 1/16
B-9819	AE0950 (A-8920)	2.313	1.781	70709	1.750	67750	2.000	0
C-10199	AE1000 (A-10200)	2.625	1.875	117580	1.750	N/A 1	2.125	11410
16395	(16396)	2.875	1.750	119586	1.750	178601	2.125	37230
9305	AE1001 (9311)	3.125	2.000	245267	2.000	245267	2.375	67314
C-4741	AE1002 (B-4742)	3.500	2.250	282389	1.875	N/A 1	2.375	205026
C-4623	AE1003 (A-5083)	3.375	2.250	205404	2.000	N/A 1	2.500	141296
C-5080	AE1004 (A-5081)	3.625	2.563	209684	2.000	N/A 1	2.500	N/A 2
9270	AE1005 (9276)	3.625	2.688	210452	2.594	N/A 1	2.875	77916
C-1827	AE10057 (A-1834)	3.750	2.500	244542	2.375	N/A 1	2.875	20336
C-4736	AE1006 (A-4737)	4.000	2.875	219804	2.375	N/A 1	2.875	219804
4390	(4391)	4.125	2.625	402594	2.375	N/A 1	2.875	238765
37585	AE10055 (37586)	3.750	2.875	192493	2.688	N/A 1	3.063	95422
C-5101	AE1007 (A-5102)	3.938	3.063	125074	2.594	N/A 1	3.063	88627
C-5098	AE1008 (A-5099)	4.188	2.813	361362	2.594	N/A 1	3.063	186488
C-1835	AE10056 (A-1842)	3.875	2.875	198182	2.625	N/A 1	3.125	19627
C-5104	AE1009 (A-5105)	4.000	3.000	232317	2.625	N/A 1	3.125	181839
9105	AE1010 (9106)	4.125	3.000	269656	2.625	N/A 1	3.125	160314
8220	AE10105 (8221)	4.125	3.188	173988	2.625	N/A 1	3.125	N/A 2
N-9105	AE1010 (L-9106)	4.125	3.000	269656	2.625	N/A 1	3.125	160314
C-4822	AE1011 (A-4823)	4.250	3.125	284421	2.625	N/A 1	3.125	284421
C-5115	AE1012 (A-5116)	4.125	3.125	240597	2.750	N/A 1	3.250	181203
C-5112	AE1013 (A-5113)	4.375	3.125	357190	2.750	N/A 1	3.250	265886
21300	AE10135 (21301)	3.875	3.250	139990	2.875	N/A 1	3.375	21812
C-5126	AE1014 (A-5127)	4.250	3.250	229779	2.875	N/A 1	3.375	111601
9635	AE10145 (9636)	4.375	3.375	212530	2.875	N/A 1	3.375	172401
C-5123	AE1015 (A-5124)	4.500	3.063	341330	2.875	N/A 1	3.375	111501
C-4619	AE1016 (A-4620)	4.375	3.438	269492	2.875	N/A 1	3.500	193603
C-3793	(A-3794)	4.500	3.500	235205	2.875	N/A 1	3.500	193603
1255	(1246)	4.625	3.250	399869	3.000	N/A 1	3.500	258770
C-4732	AE1017 (A-4733)	4.813	3.500	344030	2.875	N/A 1	3.500	344030
17420	(17421)	4.500	3.000	319572	3.125	319572	3.656	89999
17201	AE10175 (17202)	4.563	3.563	258770	3.125	N/A 1	3.656	151545
9109	AE1019 (9110)	4.688	3.656	229254	3.220	N/A 1	3.656	185812
12275	(12276)	4.688	3.031	482214	3.125	482214	3.656	346944
9120	AE1019 (9110)	4.688	3.656	229254	3.250	N/A 1	3.750	119268
9725	AE1005 (9726)	5.000	3.750	416472	3.125	N/A 1	3.750	371925
C-4686	AE1022 (A-4687)	5.125	3.813	345652	3.125	N/A 1	3.750	N/A 2
C-7497	(A-7498)	5.125	3.625	536739	3.188	N/A 1	3.813	360024
C-6230	AE10235 (A-6231)	4.625	3.500	345899	3.375	N/A 1	3.875	39225
C-5139	(A-5140)	4.750	3.750	251227	3.375	N/A 1	3.875	115378
C-5136	(A-5137)	5.188	3.625	505788	3.250	N/A 1	3.875	283054
C-5154	AE1024 (A-5155)	4.875	3.750	349068	3.500	N/A 1	4.000	118971
C-5142	AE1025 (A-5143)	5.313	3.875	495912	3.375	N/A 1	4.000	397424
C-5428	AE1026 (A-5429)	5.000	4.000	337510	3.625	N/A 1	4.125	268924
C-5425	AE1027 (A-5426)	5.438	4.063	512105	3.500	N/A 1	4.125	414912
C-5162	AE1028 (A-5163)	5.125	4.125	322844	3.750	N/A 1	4.250	200093



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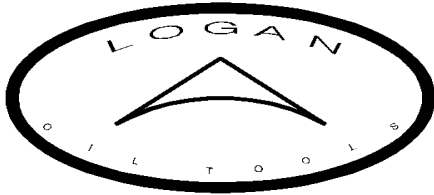
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Overshot Assembly Number	Extension Part Number	STD OD	STD ID	Tensile at Standard ID	Maximum Catch Basket	Tensile at Basket Plus 1/16	Maximum Catch Spiral	Tensile at Spiral Plus 1/16
4716	AE10285 (4718)	5.125	4.188	300231	3.750	N/A 1	4.250	200093
5896	AE1029 (5897)	5.563	4.188	503465	3.688	N/A 1	4.250	403327
C-4819	AE10295 (A-4820)	5.563	4.250	406755	3.688	N/A 1	4.250	406755
C-5165	AE1030 (A-5166)	5.375	4.375	363147	3.875	N/A 1	4.500	218626
C-3796	(A-3797)	5.625	4.500	414806	3.875	N/A 1	4.500	361423
C-4814	AE1031 (A-4815)	5.813	4.625	435911	3.875	N/A 1	4.500	N/A 2
C-4969	AE10315 (A-4970)	5.500	4.250	341592	4.125	N/A 1	4.625	252449
C-5168	AE1034 (A-5169)	5.625	4.750	315315	4.250	N/A 1	4.750	258988
8975	AE1035 (8976)	5.750	4.500	400206	4.250	N/A 1	4.750	125930
C-4829	AE1036 (A-4830)	6.063	4.688	370356	4.125	N/A 1	4.750	370356
C-7096	AE1037 (A-7097)	5.750	4.813	282551	4.250	N/A 1	4.875	167686
9026	(9027)	6.000	4.938	394086	4.250	N/A 1	4.875	N/A 2
912	AE10375 (908)	6.125	4.188	651062	4.250	550923	4.875	6054
C-7093	AE1038 (A-7094)	6.188	4.875	574968	4.250	N/A 1	4.875	517168
C-5171	AE1039 (A-5172)	5.875	4.750	367868	4.500	N/A 1	5.000	30699
7787	AE10395 (7789)	6.125	5.063	399358	4.375	N/A 1	5.000	N/A 2
C-4825	AE1040 (B-4826)	6.625	5.125	703974	4.250	N/A 1	5.000	N/A 2
C-11823	AE10402 (A-11824)	5.750	4.938	262633	4.625	N/A 1	5.125	151310
6655	AE10405 (6656)	6.375	5.250	473007	4.625	N/A 1	5.250	410789
N-6655	AE10405 (L-6656)	6.375	5.250	473007	4.625	N/A 1	5.250	410789
C-5174	(A-5175)	6.875	5.375	633999	4.500	N/A 1	5.250	N/A 2
4773	AE10407 (4774)	6.500	5.406	402759	4.750	N/A 1	5.375	370821
8625	AE1041 (8626)	6.625	5.500	390961	4.875	N/A 1	5.500	325797
C-5176	AE1042 (A-5177)	7.125	5.813	604170	4.750	N/A 1	5.500	N/A 2
C-3810	(A-3811)	7.250	5.875	697003	4.813	N/A 1	5.563	N/A 2
8978	AE1043 (8979)	6.875	5.750	425617	5.125	N/A 1	5.750	357508
6150	(6151)	7.375	5.750	627003	5.000	N/A 1	5.750	558894
C-4689	AE1044 (A-4690)	7.375	5.750	627003	5.000	N/A 1	5.750	558894
C-5196	(A-5197)	7.125	6.000	395426	5.375	N/A 1	6.000	324372
247	(248)	7.625	6.000	354903	5.250	N/A 1	6.000	283849
C-3364	(A-3365)	7.625	6.063	648460	5.250	N/A 1	6.000	N/A 2
7572	AE1045 (7573)	7.625	6.063	660141	5.250	N/A 1	6.000	N/A 2
C-5206	AE1046 (A-5207)	7.250	6.125	414260	5.500	N/A 1	6.125	341733
12567	(7573)	7.375	6.063	660141	5.625	N/A 1	6.250	368562
9692	AE1048 (9693)	7.375	6.188	569615	5.625	N/A 1	6.250	422353
C-4691	(A-4692)	7.375	6.125	414260	5.500	N/A 1	6.250	194471
8741	AE1049 (8742)	7.625	6.125	587104	5.563	N/A 1	6.250	367316
N-8741	AE1049 (L-8742)	7.625	6.125	587104	5.563	N/A 1	6.250	367316
7791	AE10495 (7793)	7.875	6.313	674054	5.563	N/A 1	6.250	N/A 2
9678	(7922)	7.875	5.313	1083147	5.563	761011	6.250	0
C-2108	AE1050 (B-2106)	7.875	5.750	1171442	5.500	N/A 1	6.250	605028
9009	AE1051 (9010)	7.500	6.375	512361	5.750	N/A 1	6.375	436889
M-9009	AE1051 (L-9010)	7.500	6.375	512361	5.750	N/A 1	6.375	436889
9746	(7922)	7.500	5.313	1083147	5.750	558894	6.375	0
9163	AE1052 (9165)	7.750	6.375	586890	5.625	N/A 1	6.375	511418
C-5344	(A-5345)	7.625	6.500	447693	5.750	N/A 1	6.500	370694
9860	AE1053 (9861)	7.625	6.500	522092	5.875	N/A 1	6.500	445148



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9677	(7922)	7.625	5.313	1083147	5.875	420467	6.500	0
C-5342	AE1054 (A-5343)	8.125	6.563	792391	5.750	N/A 1	6.500	N/A 2
4785	AE1055 (9133)	7.750	6.625	531823	6.000	N/A 1	6.625	453406
B-11322	(A-3365)	7.750	6.063	648460	6.000	N/A 1	6.625	0
9339	(9338)	8.125	6.688	714319	5.875	N/A 1	6.625	N/A 2
C-3032	AE1056 (A-3033)	8.250	6.875	607768	5.875	N/A 1	6.625	N/A 2
16500	(16501)	7.875	6.875	414852	6.125	N/A 1	6.750	N/A 2
C-5222	AE1057 (A-5223)	7.875	6.875	375639	6.125	N/A 1	6.750	N/A 2
275	AE1058 (276)	8.375	6.875	635262	6.000	N/A 1	6.750	N/A 2
C-3833	(A-3834)	8.375	6.750	898595	6.000	N/A 1	6.750	898596
8995	AE10587 (8996)	8.000	6.875	551285	6.250	N/A 1	6.875	469923
9815	AE10590 (9816)	8.125	6.750	636778	6.375	N/A 1	7.000	497762
9217	AE1059 (9218)	8.125	6.938	643115	6.375	N/A 1	7.000	478181
C-3263	AE10595 (A-3033)	8.125	6.875	607768	6.250	N/A 1	7.000	361472
17208	AE1058 (276)	8.375	6.875	635262	6.375	N/A 1	7.000	388966
7800	(7802)	8.625	7.000	936477	6.250	N/A 1	7.000	853642
C-4817	AE1060 (B-4818)	8.625	7.125	926399	6.250	N/A 1	7.000	N/A 2
9570	AE10605 (9544)	8.250	6.625	531823	6.500	N/A 1	7.125	0
C-5354	AE1061 (A-5355)	8.375	7.375	437108	6.625	N/A 1	7.250	N/A 2
7805	(7807)	8.375	7.125	1137731	6.500	N/A 1	7.250	882600
C-5352	AE1062 (A-5353)	8.875	6.875	1167977	6.500	N/A 1	7.250	582978
4793	AE1063 (4794)	8.500	7.375	590210	6.750	N/A 1	7.375	502957
C-5230	AE1064 (A-5231)	9.000	7.500	890751	6.625	N/A 1	7.375	N/A 2
C-7101	AE1065 (A-7102)	8.625	7.625	525120	6.875	N/A 1	7.500	N/A 2
C-7099	AE1066 (A-7100)	9.125	7.625	768000	6.750	N/A 1	7.500	N/A 2
C-5241	AE10675 (A-5242)	9.250	7.813	743431	6.875	N/A 1	7.625	N/A 2
9850	AE1068 (9851)	8.875	7.750	492153	7.125	N/A 1	7.750	389000
9850	AE1068 (9851)	9.000	7.750	580995	7.125	N/A 1	7.750	489324
5257	AE1069 (5258)	8.875	7.875	515592	7.125	N/A 1	7.750	N/A 2
C-5257	AE1069 (A-5258)	8.875	7.875	515592	7.000	N/A 1	7.750	N/A 2
1665	AE10695 (1666)	9.375	7.938	754965	7.000	N/A 1	7.750	N/A 2
C-1500	AE1070 (B-1502)	9.375	7.750	838247	7.000	N/A 1	7.750	838247
4816	(4835)	9.000	7.875	590137	7.250	N/A 1	7.875	496993
C-5265	AE1071 (A-5266)	9.125	8.125	520449	7.375	N/A 1	8.000	N/A 2
264	AE1072 (265)	9.625	8.125	773077	7.250	N/A 1	8.000	N/A 2
N-264	AE1072 (L-265)	9.625	7.625	1418810	7.250	N/A 1	8.000	853213
C-4179	(B-4180)	9.625	7.688	1132687	7.250	N/A 1	8.000	1067946
4834	AE1073 (9063)	9.500	8.375	668058	7.750	N/A 1	8.375	569025
C-1230	AE1074 (B-1235)	10.063	8.500	1018281	7.625	N/A 1	8.375	N/A 2
C-5284	AE1075 (A-5285)	9.625	8.563	585896	7.875	N/A 1	8.500	N/A 2
8960	AE1076 (8961)	10.125	8.625	1000702	7.750	N/A 1	8.500	N/A 2
M-8960	AE1076 (L-8961)	10.125	8.500	1202451	7.750	N/A 1	8.500	1101944
C-5281	(A-5282)	10.125	8.125	1250651	7.750	N/A 1	8.500	1101944
8963	(8964)	10.500	8.875	865313	8.000	N/A 1	8.750	N/A 2
C-5305	AE1078 (A-5306)	10.500	8.750	936521	8.125	N/A 1	8.875	623957
5321	AE1079 (5322)	10.625	9.125	978170	8.250	N/A 1	9.000	N/A 2
C-5321	AE1079 (A-5322)	10.625	9.125	978170	8.250	N/A 1	9.000	N/A 2