

With springback

```
*KEYWORD
$-----$
$  LS-Dyna3D - Metal Forming 01:21:55 01-10-2009 by HyperForm Version 7.0  $
$-----$
*INCLUDE
dynain2.hmx
*CONTROL_TERMINATION
$  ENDTIM  ENDCYC  DTMIN  ENDENG  ENDMAS
   0.004    0      0.0    0.0    0.0
*CONTROL_SHELL
$  WRPANG  ITRIST  IRNXX  ISTUPD  THEORY  BWC  MITER
   20.0    1      -1     1     2     1    1
*CONTROL_HOURLASS
$  IHQ     QH
   4      0.10
*CONTROL_IMPLICIT_GENERAL
$  IMFLAG  DT0     IFORM  NSBS   IGS
   1      0.01   0      0     0
*CONTROL_IMPLICIT_STABILIZATION
$  IAS     SCALE  TSTART  TEND
   1      0.001  0      0
*CONTROL_IMPLICIT_AUTO
$  IAUTO  ITEOPT  ITEWIN  DTMIN  DTMAX
   1      150    0      0.0001 0.01
*CONTROL_IMPLICIT_NONLINEAR
$  NSOLVR  ILIMIT  MAXREF  DCTOL  ECTOL  RCTOL  LSTOL
   2      1      100    0.001  0.01   0      0.9
$  DNORM  DIVERG  ISTIF  NLPRT
   2      1      1      1
*CONTROL_IMPLICIT_LINEAR
$  LSOLVR  LPRINT  NEGEV
   1      2      2
*CONTROL_CONTACT
$  SLSFAC  RWPNAL  ISLCHK  SHLTHK  PENOPT  THKCHG  ORIEN
   0.01   1.0    2      1      1      1      1
$  USRSTR  USRFRG  NSBCS  INTERM  XPENE  SSTHK  ECDT  TIEDPRJ
   0      0      10     0      4.0    0      0      0
*DATABASE_BINARY_D3PLOT
$  DT/CYCL  LCDT  BEAM  NPLTC
1.0000E-03  0      0      0
*DATABASE_EXTENT_BINARY
$  NEIPH  NEIPS  MAXINT  STRFLG  SIGFLG  EPSFLG  RLTF LG  ENGLG
   0      0      3      1      1      1      1      1
$  CMPFLG  IEVERP  BEAMIP  DCOMP  SHGE  STSSZ
   0      0      0      1      1      1
*MAT_POWER_LAW_PLASTICITY
$HMNAME MATS 2 1
$  ID  RHO  E  NU  K  N  SRC  SRP
   27.8000E-09 210000.0 0.3 0.0 0.0 0.0 0.0
$  SIGY  VP
   185.0 0
*PART
$HMNAME COMPS 7 1
$HMCOLOR COMPS 7 1
$  ID  SID  MID  EOSID  HGID  GRSV  ADPOPT
   7  1  2  0  0  0  0
*SECTION_SHELL
$HMNAME PROPS 1 blank_section
$  ID  ELFORM  SHRF  NIP  PROPT  QR  ICOMP
   1  16  1.0  3  0.0  0.0  0
$  T1  T2  T3  T4  NLOC
   0.78 0.0 0.0 0.0 0.0
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with springback

*BOUNDARY_SPC_NODE

\$HMNAME LOADCOLS

\$HMCOLOR LOADCOLS

\$	NID	CID	DOFX	DOFY	DOFZ	DOFRX	DOFRY	DOFRZ
	7790	0	1	1	1	1	1	1
	7807	0	1	1	1	1	1	1
	7849	0	1	1	1	1	1	1
	7866	0	1	1	1	1	1	1
	7903	0	1	1	1	1	1	1
	7923	0	1	1	1	1	1	1
	7937	0	1	1	1	1	1	1
	7940	0	1	1	1	1	1	1
	7945	0	1	1	1	1	1	1
	7946	0	1	1	1	1	1	1
	7969	0	1	1	1	1	1	1
	7972	0	1	1	1	1	1	1
	7977	0	1	1	1	1	1	1
	7978	0	1	1	1	1	1	1
	8085	0	1	1	1	1	1	1
	8099	0	1	1	1	1	1	1
	8102	0	1	1	1	1	1	1
	8107	0	1	1	1	1	1	1
	8108	0	1	1	1	1	1	1
	8131	0	1	1	1	1	1	1
	8134	0	1	1	1	1	1	1
	8139	0	1	1	1	1	1	1
	8140	0	1	1	1	1	1	1
	8257	0	1	1	1	1	1	1
	8278	0	1	1	1	1	1	1
	8287	0	1	1	1	1	1	1
	8289	0	1	1	1	1	1	1
	8291	0	1	1	1	1	1	1
	8292	0	1	1	1	1	1	1
	8303	0	1	1	1	1	1	1
	8305	0	1	1	1	1	1	1
	8307	0	1	1	1	1	1	1
	8308	0	1	1	1	1	1	1
	8359	0	1	1	1	1	1	1
	8368	0	1	1	1	1	1	1
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	8372	0	1	1	1	1	1	1
	8373	0	1	1	1	1	1	1
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	8389	0	1	1	1	1	1	1

*NODE

7759	99.70504	-99.9498138	56.0878487
7760	99.7459717	-94.9527817	56.0798798
7761	99.7878189	-89.9577255	56.0667763
7762	99.8013992	-84.9587097	56.0671272
7763	99.8148422	-79.963707	56.0486755
7764	99.8423386	-74.9640808	56.0483437
7765	99.848259	-69.9678802	56.0326118
7766	99.821167	-64.967865	56.0393105
7767	99.83461	-59.9732361	56.028492
7768	99.8440475	-54.9755096	56.0380821
7769	99.8466568	-49.9785004	56.0288048
7770	99.8359146	-44.98032	56.0416985
7771	99.8153381	-39.9834824	56.0359879
7772	99.7945023	-34.9860878	56.0501976
7773	99.7619095	-29.9869995	56.0464325
7774	99.7274704	-24.9891567	56.0611076

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7775	99.7615662	-19.9904556	56.0588722
7776	99.8038101	-14.9936771	56.0743256
7777	99.8332901	-9.99662018	56.070755
7778	99.857254	-5.0007534	56.0804863
7779	99.8633041	-0.00535247196	56.0870667
7780	99.83992	0.00162175752	51.1428146
7781	99.8154984	0.0102065839	46.1160088
7782	99.8010406	0.0147298723	41.0932846
7783	99.8059311	0.0201884694	36.050106
7784	99.8388367	0.0210569762	31.0238819
7785	99.936821	0.0234859772	25.9756165
7786	100.015633	0.0230982713	20.9450626
7787	100.112282	0.0237704962	15.8900995
7788	99.8426437	0.0177897178	10.8409319
7789	97.5175171	-0.0141012371	6.26924753
7790	92.9162369	0.0265826862	4.03318739
7791	87.8616486	0.0336151198	3.84743357
7792	82.8086243	0.035417892	3.99862599
7793	77.7667999	0.0374702401	4.01524878
7794	72.7134857	0.0402812846	4.01919031
7795	67.6719208	0.0406855084	4.01222754
7796	62.6191444	0.0430197343	4.01041746
7797	57.5805893	0.0428251959	4.01233387
7798	52.5256042	0.0443286486	4.00972939
7799	47.4827766	0.0436814539	4.01227331
7800	42.4279137	0.0453699864	4.01319695
7801	37.3884201	0.0442484692	4.00689316
7802	32.3355408	0.0451932475	4.01182699
7803	27.2956066	0.0433932878	4.02214718
7804	22.2420464	0.0435385257	4.01726723
7805	17.1991596	0.0404364057	3.99646401
7806	12.1465416	0.0418762267	3.84558129
7807	7.09347725	0.0335931368	4.03812647
7808	2.50062704	-0.00242582522	6.29244804
7809	0.171120137	0.0244257972	10.8506918
7810	-0.118264183	0.0300135855	15.8998919
7811	-0.0128675085	0.0292799063	20.9521828
7812	0.0778770372	0.0316036828	25.9798985
7813	0.159369692	0.0269012041	31.0242519
7814	0.199610844	0.0252584554	36.0516396
7815	0.202925265	0.0162066631	41.0928154
7816	0.174679324	0.0117574828	46.1123772
7817	0.177181363	4.760417210E-04	51.1298561
7818	0.178487435	-0.00401959894	56.0648003
7819	0.169707343	-5.00065279	56.0511932
7820	0.171124876	-9.99665642	56.0359039
7821	0.197273627	-14.9963465	56.033802
7822	0.245815858	-19.9937897	56.0147896
7823	0.243256524	-24.9937134	56.013588
7824	0.19179064	-29.9897442	55.9967995
7825	0.182630345	-34.9901123	55.9994888
7826	0.174028113	-39.9873734	55.9874802
7827	0.175029427	-44.9853096	55.995266
7828	0.183812141	-49.9804077	55.9845085
7829	0.222746611	-54.9765892	55.989872
7830	0.206762031	-59.9727249	55.976841
7831	0.19207181	-64.9706573	55.9839973
7832	0.18618001	-69.9690399	55.9766312
7833	0.167722926	-74.9658279	55.988678
7834	0.155114591	-79.9637985	55.9858284
7835	0.13569802	-84.9621277	56.0004349
7836	0.149497569	-89.9594116	55.9994736
7837	0.15737851	-94.9567642	56.0100899

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7838	0.170553774	-99.9511642	56.0209579
7839	0.200221464	-99.9567642	51.0926781
7840	0.199662566	-99.9634628	46.0774307
7841	0.199299127	-99.9669724	41.0595207
7842	0.201153159	-99.9703827	36.0211792
7843	0.166066095	-99.9712143	30.9949398
7844	0.0767426565	-99.9711227	25.9522057
7845	-0.0123348227	-99.968399	20.9272442
7846	-0.115925901	-99.9635162	15.8744125
7847	0.162817642	-99.9576874	10.8274212
7848	2.48898983	-99.9239197	6.26172686
7849	7.09168243	-99.964798	4.03051281
7850	12.1446238	-99.9708099	3.84631658
7851	17.1966496	-99.9725876	3.99712253
7852	22.2386093	-99.9738541	4.01822662
7853	27.2909012	-99.9765625	4.02083349
7854	32.3309822	-99.9767838	4.01342726
7855	37.3818474	-99.9788208	4.0055685
7856	42.4204369	-99.9785995	4.0129652
7857	47.4753647	-99.9798508	4.00991392
7858	52.5161552	-99.979332	4.01279593
7859	57.5709686	-99.9806061	4.01615715
7860	62.607933	-99.9802475	4.00569201
7861	67.6591568	-99.9809952	4.01163816
7862	72.7002335	-99.9800262	4.02073097
7863	77.7535248	-99.9803696	4.01830244
7864	82.7933121	-99.978035	3.99642348
7865	87.8469162	-99.9791336	3.8467443
7866	92.8991776	-99.9717102	4.03595161
7867	97.502121	-99.9345245	6.27203608
7868	99.8389816	-99.9636841	10.8307514
7869	100.113861	-99.9745636	15.8803873
7870	100.017685	-99.9729462	20.9344864
7871	99.9347763	-99.9767303	25.96772
7872	99.8430481	-99.9725952	31.0159035
7873	99.83078	-99.9733582	36.0443459
7874	99.8219833	-99.9661331	41.0885124
7875	99.8029404	-99.963974	46.1110001
7876	99.7587891	-99.9539108	51.1375237
7877	52.5309868	-4.95711088	4.01295328
7878	52.5235138	-9.95704269	4.01298857
7879	52.5293121	-14.9590034	4.01164675
7880	52.5216103	-19.9591789	4.01107645
7881	52.5275154	-24.9613724	4.01173496
7882	52.5196381	-29.9617958	4.01210165
7883	52.5258369	-34.9640732	4.01170921
7884	52.5178528	-39.9646378	4.01171923
7885	52.5243683	-44.9670181	4.0117383
7886	52.516468	-49.967598	4.01147509
7887	52.5232353	-54.9700508	4.01108408
7888	52.5156288	-59.970562	4.01134586
7889	52.5226021	-64.9729691	4.01162529
7890	52.5154495	-69.9733124	4.01182699
7891	52.5224571	-74.9755707	4.01234245
7892	52.5156784	-79.9757996	4.01221418
7893	52.5225372	-84.9778366	4.01208735
7894	52.5158844	-89.97789	4.0116272
7895	52.52248	-94.9797592	4.0115037
7896	57.570549	-49.9691391	4.01153708
7897	62.604454	-49.9686241	4.0116291
7898	67.6525955	-49.9700737	4.01074076
7899	72.6885834	-49.9697151	4.02077818
7900	77.7386017	-49.9713058	4.02823353

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7901	82.7738571	-49.9710999	3.95407271
7902	87.8195267	-49.9728851	3.75476289
7903	92.8467331	-49.9729958	4.11092091
7904	97.3080902	-49.9744797	6.46779203
7905	99.7261963	-49.9738503	10.8977098
7906	100.201683	-49.9744606	15.91395
7907	100.042091	-49.9743042	20.9551296
7908	99.9017105	-49.9752769	25.9763832
7909	99.8284149	-49.9750595	31.0141315
7910	99.8064423	-49.9762192	36.0327072
7911	99.7958069	-49.975975	41.0664673
7912	99.7991333	-49.9770889	46.0799141
7913	99.8168488	-49.9772072	51.0966034
7914	97.304863	-44.9751091	6.47047043
7915	97.3132019	-39.977272	6.46398544
7916	97.3122253	-34.9780502	6.46507883
7917	97.3232727	-29.9791946	6.45530081
7918	97.3246613	-24.9803085	6.45547819
7919	97.3308716	-19.981184	6.44929314
7920	97.3362885	-14.9825764	6.44681501
7921	97.3588638	-9.98716927	6.42373943
7922	97.3056488	-4.99164295	6.48569584
7923	92.870018	-24.9774342	4.09229279
7924	87.8265076	-24.9734936	3.75501609
7925	82.7939377	-24.969389	3.95407534
7926	77.742218	-24.9670601	4.02965069
7927	72.7058411	-24.964798	4.01983976
7928	67.6537323	-24.9632416	4.01160574
7929	62.6176796	-24.9625874	4.0107646
7930	57.5678253	-24.9612522	4.01132154
7931	77.7464981	-29.9678574	4.02912378
7932	77.7363205	-34.9686165	4.03054285
7933	77.7414551	-39.9696198	4.027246
7934	77.73246	-44.9697304	4.02877903
7935	82.7871094	-34.9707527	3.95272398
7936	87.8195572	-34.973053	3.7558682
7937	92.8608856	-34.976162	4.10117626
7938	87.8302689	-29.973217	3.75156236
7939	82.7827988	-29.9704266	3.95543242
7940	92.8587952	-29.9767437	4.10188198
7941	87.8144302	-44.9722176	3.75757456
7942	87.823349	-39.9731979	3.75491595
7943	82.7823486	-44.9716568	3.95320439
7944	82.7773361	-39.9707451	3.95552778
7945	92.8543701	-44.9748497	4.1068716
7946	92.8512497	-39.9749603	4.10695028
7947	67.6584549	-29.9648952	4.01008892
7948	67.649231	-34.9657249	4.01075554
7949	67.6549072	-39.9674835	4.01081085
7950	67.6461563	-44.9679985	4.01228857
7951	72.7006607	-34.9672127	4.02048635
7952	72.6959305	-29.9658737	4.02042007
7953	72.6913681	-39.9678955	4.02143002
7954	72.6970596	-44.9695358	4.01956177
7955	57.5655823	-34.9639854	4.0121417
7956	62.6145592	-34.9651604	4.00992489
7957	57.5736198	-29.9633579	4.01157904
7958	62.6089668	-29.9632645	4.01128149
7959	57.5638733	-44.9667511	4.01159
7960	57.5718307	-39.9661751	4.01122904
7961	62.6124992	-44.9680328	4.01059198
7962	62.6061363	-39.9658737	4.01099634
7963	77.7573776	-4.96206141	4.03133535

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7964	77.7602997	-9.9638052	4.0307889
7965	77.7498932	-14.9642477	4.02955961
7966	77.7528534	-19.9656868	4.02908373
7967	82.8002625	-9.96521664	3.95583868
7968	87.8481064	-9.96975517	3.74985933
7969	92.8726425	-9.98074722	4.07973385
7970	87.8514023	-4.96524191	3.77006006
7971	82.8112335	-4.96560907	3.96618199
7972	92.8906631	-4.97632504	4.13003588
7973	87.8395615	-19.9723835	3.74809933
7974	87.8349304	-14.973156	3.74743557
7975	82.7899933	-19.9691658	3.95369244
7976	82.8013153	-14.9672241	3.95165396
7977	92.8660278	-19.9781399	4.09774685
7978	92.8834152	-14.9781284	4.07951832
7979	67.6635666	-4.95882654	4.01121187
7980	67.6679611	-9.96048927	4.00852203
7981	67.6588211	-14.9607658	4.01067972
7982	67.6630707	-19.962492	4.01238203
7983	72.7084503	-9.96104336	4.01960516
7984	72.7178879	-4.96099806	4.01567888
7985	72.7120285	-14.9626951	4.02149916
7986	72.7020493	-19.9633865	4.02190018
7987	57.5782776	-9.95861435	4.01266193
7988	62.6163559	-9.95850372	4.01065159
7989	57.5727692	-4.95678473	4.01083517
7990	62.6246529	-4.95838308	4.00995159
7991	57.5758781	-19.9607944	4.01103973
7992	57.5704231	-14.9588232	4.01215267
7993	62.6126442	-19.9607201	4.01018
7994	62.6212616	-14.9603329	4.01110411
7995	99.8311081	-44.9753227	31.0064125
7996	99.8208084	-39.9753876	31.0155411
7997	99.8176804	-34.9746246	31.0071182
7998	99.8179626	-29.9753914	31.0164623
7999	99.8224411	-24.9742603	31.0083618
8000	99.8215332	-19.9755173	31.0175362
8001	99.8269577	-14.9750061	31.0095158
8002	99.8268585	-9.97611618	31.0188847
8003	99.8507233	-4.97599602	31.0125828
8004	99.897583	-24.9754105	25.9844723
8005	100.046028	-24.9743214	20.9442387
8006	100.198784	-24.9775391	15.91502
8007	99.7466125	-24.9788818	10.8813009
8008	100.03968	-29.9759903	20.9540024
8009	100.04187	-34.9750175	20.9464798
8010	100.038063	-39.9746742	20.9554653
8011	100.043358	-44.9746552	20.9477253
8012	99.8846436	-34.974926	25.9846783
8013	99.8920822	-29.9739132	25.9759541
8014	99.893486	-39.9746208	25.9765015
8015	99.897728	-44.9746475	25.9848881
8016	99.7373123	-34.9775848	10.8883314
8017	100.20166	-34.9748955	15.9178209
8018	99.7373123	-29.9786911	10.8913546
8019	100.20607	-29.9758167	15.9078941
8020	99.7328949	-44.9753838	10.8917513
8021	99.730423	-39.9759598	10.8961792
8022	100.19635	-44.9743652	15.920188
8023	100.202538	-39.9749222	15.9125862
8024	100.032646	-4.97462654	20.9369087
8025	100.039604	-9.97414017	20.9473
8026	100.04641	-14.9739752	20.9413757

With springback

8027	100.044022	-19.9763374	20.9522552
8028	99.9053802	-9.97445869	25.9735489
8029	99.8965225	-4.97553062	25.9823627
8030	99.8936844	-14.9747219	25.9822578
8031	99.8957672	-19.97369	25.9749336
8032	99.7584076	-9.98522282	10.887907
8033	100.202385	-9.97534943	15.8987598
8034	99.7194672	-4.98162937	10.8646612
8035	100.181984	-4.97255898	15.9006386
8036	99.7398224	-19.9804916	10.889492
8037	99.7571259	-14.9805756	10.8715563
8038	100.210556	-19.9763145	15.9025335
8039	100.208725	-14.9790163	15.9128218
8040	99.787796	-24.9846516	51.1028214
8041	99.7991714	-24.9820404	46.0987282
8042	99.7989883	-24.9782753	41.0662613
8043	99.7956238	-24.9765358	36.0456123
8044	99.8015671	-29.9803829	46.0873756
8045	99.7985687	-34.9800644	46.0943146
8046	99.8030701	-39.978405	46.083313
8047	99.8003387	-44.9773102	46.0906181
8048	99.793602	-34.9817886	51.0953369
8049	99.779068	-29.9837894	51.1080246
8050	99.8090134	-39.9804764	51.1015053
8051	99.815239	-44.978363	51.0892982
8052	99.7987366	-34.9763832	36.0439911
8053	99.8052979	-34.9772491	41.0621109
8054	99.7998962	-29.975647	36.035965
8055	99.8006592	-29.9785576	41.0730934
8056	99.7999878	-44.9754219	36.042244
8057	99.8018341	-39.975441	36.0342827
8058	99.7962723	-44.9765587	41.0586395
8059	99.7965469	-39.9773026	41.0691147
8060	99.8021622	-4.98716021	46.1149406
8061	99.7980194	-9.98446655	46.0995789
8062	99.7975311	-14.9836512	46.1045227
8063	99.8031845	-19.9822521	46.0926552
8064	99.8102875	-9.98980236	51.1218071
8065	99.8221436	-4.99067926	51.1176758
8066	99.7993927	-14.9881172	51.1102371
8067	99.7882843	-19.9871712	51.115509
8068	99.8107758	-9.97740746	36.0424347
8069	99.7986832	-9.98107052	41.0828018
8070	99.8108673	-4.97894764	36.0545311
8071	99.7994385	-4.98105097	41.0787697
8072	99.7981949	-19.9759655	36.0379486
8073	99.7985916	-14.9773664	36.0481033
8074	99.7947083	-19.9792233	41.0770988
8075	99.8001404	-14.9793291	41.0707436
8076	97.293129	-94.954216	6.48039675
8077	97.3481674	-89.9601135	6.42267036
8078	97.3249283	-84.9630051	6.44516993
8079	97.3197708	-79.9659729	6.45144796
8080	97.3133316	-74.9657288	6.45767355
8081	97.3132477	-69.9688721	6.45980453
8082	97.3039856	-64.9687042	6.46880579
8083	97.3082047	-59.9719086	6.46642923
8084	97.3027039	-54.972393	6.47116327
8085	92.8593216	-74.9694595	4.09605217
8086	87.8169556	-74.9703674	3.75589776
8087	82.785347	-74.9749603	3.95503235
8088	77.7342834	-74.9738464	4.02900267
8089	72.6987381	-74.9766235	4.01954985

With springback

8090	67.6466522	-74.9751282	4.01155758
8091	62.6120796	-74.9764938	4.01096725
8092	57.5632591	-74.9747849	4.01191139
8093	77.7440414	-79.9772339	4.02935648
8094	77.7396164	-84.9768448	4.02822304
8095	77.7493221	-89.9791183	4.02905655
8096	77.7446747	-94.9790573	4.029356
8097	82.7905655	-84.9770279	3.9522438
8098	87.822876	-84.9709854	3.74977183
8099	92.8708572	-84.9686737	4.08471775
8100	87.8292313	-79.973381	3.75096273
8101	82.7797394	-79.9732513	3.95375037
8102	92.8538589	-79.9670258	4.10028124
8103	87.8372192	-94.9784546	3.77187014
8104	87.8359528	-89.9759674	3.75428152
8105	82.7980347	-94.9788284	3.96656799
8106	82.7877808	-89.9773178	3.95542359
8107	92.8766479	-94.9708862	4.1335597
8108	92.8587265	-89.9644775	4.08207607
8109	67.6551132	-79.9778061	4.01194906
8110	67.6496277	-84.9776077	4.01075745
8111	67.6578522	-89.9797592	4.01066685
8112	67.6520462	-94.9795685	4.01091528
8113	72.7027206	-84.9788589	4.02205229
8114	72.6935806	-79.9761429	4.02109194
8115	72.6977615	-89.9787216	4.01880741
8116	72.7063675	-94.9806366	4.01616573
8117	57.5639992	-84.9770813	4.0120573
8118	62.6134644	-84.9786911	4.01071024
8119	57.5705032	-79.9770584	4.01153278
8120	62.605854	-79.9764404	4.01041985
8121	57.564209	-94.9790878	4.0100193
8122	57.5708694	-89.9791641	4.0122304
8123	62.6146851	-94.980629	4.01312876
8124	62.607357	-89.9786301	4.01137686
8125	77.7307205	-54.9710274	4.02860689
8126	77.738205	-59.9729538	4.02749777
8127	77.7313385	-64.9722672	4.03107691
8128	77.7401505	-69.9749298	4.02941513
8129	82.7731934	-59.9717369	3.9556191
8130	87.8192978	-59.9725075	3.75510263
8131	92.8461914	-59.9706917	4.10905123
8132	87.8122482	-54.9716759	3.75784945
8133	82.7802887	-54.9725189	3.95273113
8134	92.852066	-54.9727707	4.10805893
8135	87.8226395	-69.9725876	3.75222063
8136	87.8134766	-64.9710464	3.75572371
8137	82.7751007	-69.9719391	3.95501041
8138	82.78125	-64.9734192	3.95275235
8139	92.8493118	-69.968399	4.10465574
8140	92.8537216	-64.9710159	4.10393906
8141	67.6445847	-54.9703217	4.01186752
8142	67.651825	-59.9727402	4.01069546
8143	67.6446686	-64.9726791	4.0101161
8144	67.65271	-69.9753799	4.00986195
8145	72.687973	-59.9715538	4.02095127
8146	72.6953278	-54.9717636	4.01986933
8147	72.6960754	-64.9740753	4.02050543
8148	72.6898422	-69.9735794	4.0206461
8149	57.5698471	-59.9720459	4.01111269
8150	62.6038589	-59.9713287	4.01044607
8151	57.5628166	-54.969677	4.01170158
8152	62.6113586	-54.9710541	4.01063251

With springback

8153	57.5699387	-69.9746933	4.01187468
8154	57.5626831	-64.9722824	4.01180553
8155	62.6044388	-69.9738846	4.01120472
8156	62.6112289	-64.9739075	4.00971317
8157	99.8540192	-94.97715	31.0051842
8158	99.8274918	-89.9755249	31.0118732
8159	99.8283844	-84.9778061	31.0032501
8160	99.8253555	-79.975647	31.0119629
8161	99.8291397	-74.977951	31.0040054
8162	99.8245087	-69.9753113	31.0125008
8163	99.8242569	-64.9773254	31.0040379
8164	99.8229599	-59.9752426	31.0131054
8165	99.8285828	-54.9764938	31.0051365
8166	99.9014969	-74.9747696	25.9809799
8167	100.046318	-74.9762192	20.9408493
8168	100.197571	-74.9714966	15.9131355
8169	99.740303	-74.9694138	10.8810806
8170	100.043846	-79.9733658	20.9467564
8171	100.049332	-84.977211	20.9351006
8172	100.039078	-89.9758224	20.9388142
8173	100.030777	-94.9770889	20.9281883
8174	99.8960037	-84.9759216	25.976572
8175	99.9002533	-79.9780121	25.9707565
8176	99.9031982	-89.9779892	25.9672508
8177	99.8944092	-94.9757004	25.9746056
8178	99.7525787	-84.9679108	10.8671131
8179	100.207001	-84.9699326	15.9066238
8180	99.7341919	-79.9664993	10.8853321
8181	100.210861	-79.9738998	15.8997765
8182	99.7161331	-94.9668579	10.858429
8183	99.7536774	-89.9617767	10.8796711
8184	100.182922	-94.9760742	15.8915615
8185	100.20311	-89.9750748	15.8924522
8186	100.044899	-54.9753494	20.9473095
8187	100.037735	-59.9739037	20.9535217
8188	100.042587	-64.9758224	20.9451809
8189	100.041	-69.9735565	20.9515991
8190	99.8943176	-59.9765358	25.9751701
8191	99.8963623	-54.9746323	25.9838734
8192	99.8882217	-64.9749756	25.9826393
8193	99.899147	-69.977356	25.9737167
8194	99.7284012	-59.9716339	10.8959522
8195	100.20314	-59.9741402	15.9128065
8196	99.7312393	-54.9736938	10.8918571
8197	100.196556	-54.9732361	15.9201765
8198	99.7303314	-69.9690018	10.8917456
8199	99.7327271	-64.9722366	10.8889503
8200	100.204002	-69.9741135	15.9085369
8201	100.202019	-64.9721069	15.9178753
8202	99.8225937	-74.9698486	51.0937233
8203	99.8049698	-74.9707031	46.0937195
8204	99.7974701	-74.9755249	41.0610199
8205	99.7947159	-74.9751892	36.0418434
8206	99.8054581	-79.9715805	46.087574
8207	99.7996902	-84.9686279	46.0995483
8208	99.7987518	-89.9692078	46.0945969
8209	99.7968445	-94.9650803	46.110321
8210	99.803009	-84.9657974	51.1032104
8211	99.8161621	-79.9655533	51.1075592
8212	99.7867966	-89.962616	51.1158905
8213	99.7762222	-94.9629745	51.1122131
8214	99.7989807	-84.9746628	36.0436897
8215	99.8008423	-84.9743042	41.0658226

With springback

8216	99.7998657	-79.9772949	36.0339279
8217	99.7927551	-79.9731979	41.0720711
8218	99.8202133	-94.972847	36.0491295
8219	99.815361	-89.9759598	36.037468
8220	99.8144836	-94.9724426	41.0739899
8221	99.8035202	-89.971077	41.0780334
8222	99.8022461	-54.975811	46.0885048
8223	99.8114548	-59.9761658	46.0793991
8224	99.8090515	-64.9729691	46.0895386
8225	99.8138046	-69.9740601	46.0823212
8226	99.8194656	-59.9733543	51.0958061
8227	99.8200226	-54.9768219	51.0864296
8228	99.8289032	-64.9736557	51.0872917
8229	99.8185196	-69.9697647	51.0990677
8230	99.8024063	-59.9768372	36.0317192
8231	99.7979126	-59.9748154	41.065937
8232	99.8013458	-54.9755402	36.0406876
8233	99.7998428	-54.9767456	41.0569229
8234	99.7980957	-69.9773865	36.0324059
8235	99.7989731	-64.9749298	36.0407448
8236	99.7970505	-69.9736862	41.068058
8237	99.8015976	-64.9763107	41.0578079
8238	2.70330453	-4.98323774	6.49316072
8239	2.64817119	-9.97777271	6.43412256
8240	2.66997552	-14.9752378	6.45367765
8241	2.67539072	-19.9726105	6.4587369
8242	2.68141103	-24.9733486	6.46371078
8243	2.68202496	-29.9702663	6.46461535
8244	2.69078898	-34.9707756	6.47230005
8245	2.68823671	-39.9683647	6.4698534
8246	2.69583845	-44.9680481	6.47641516
8247	2.69284821	-49.9655914	6.47384596
8248	2.69695377	-54.9646721	6.47645473
8249	2.6901412	-59.9624443	6.46914816
8250	2.69260812	-64.9614334	6.47047281
8251	2.68424296	-69.9600525	6.46128464
8252	2.68287969	-74.9581757	6.45912838
8253	2.67580342	-79.9569092	6.4503665
8254	2.66874766	-84.9556656	6.44350529
8255	2.64576769	-89.9509583	6.41843796
8256	2.70009017	-94.9471588	6.47806168
8257	7.15207672	-49.9661751	4.11115313
8258	12.1790466	-49.9651718	3.75508356
8259	17.2236385	-49.966114	3.95539141
8260	22.2611408	-49.9654846	4.02718639
8261	27.3102703	-49.966568	4.02064657
8262	32.3448257	-49.9660225	4.01122379
8263	37.3932838	-49.9672775	4.01160431
8264	42.4284325	-49.9667587	4.01128912
8265	47.4818344	-49.9681053	4.0106616
8266	27.3029232	-44.9644737	4.02019358
8267	27.3094044	-39.9647141	4.0220232
8268	27.3010387	-34.9621849	4.02064323
8269	27.3066807	-29.9626465	4.02004671
8270	27.2978592	-24.9597511	4.01875305
8271	27.3027668	-19.9602718	4.02108955
8272	27.2939167	-14.9576244	4.02199268
8273	27.2985096	-9.95787144	4.01843739
8274	27.2902374	-4.95581388	4.01528883
8275	22.2618084	-24.9629269	4.02959728
8276	17.2086678	-24.9623756	3.95469332
8277	12.1763363	-24.9673405	3.75437021
8278	7.13459826	-24.968729	4.09639835

with springback

8279	17.2187805	-29.9652519	3.95487237
8280	17.213541	-34.9638977	3.95239782
8281	17.2221642	-39.9657364	3.95456243
8282	17.2163029	-44.9647598	3.95315051
8283	22.2658615	-34.9644928	4.0294466
8284	22.2567234	-29.9619293	4.02869892
8285	22.2600307	-39.9638062	4.02787828
8286	22.268013	-44.9658394	4.02897167
8287	7.14162731	-34.9677696	4.10437632
8288	12.1813021	-34.9669647	3.75561428
8289	7.14484167	-29.9700356	4.10530806
8290	12.1716909	-29.9653664	3.75135183
8291	7.14567804	-44.9662209	4.10797024
8292	7.1496439	-39.9682655	4.10915661
8293	12.1847448	-44.966404	3.7574985
8294	12.1768007	-39.9654274	3.75462055
8295	17.1956558	-4.95848703	3.96660018
8296	17.2055569	-9.96004963	3.95577574
8297	17.2032967	-14.9601994	3.95114613
8298	17.2135868	-19.963995	3.95305085
8299	22.2466927	-9.95774651	4.02857304
8300	22.2506237	-4.95801401	4.03027916
8301	22.2560844	-14.9601746	4.02724648
8302	22.2522335	-19.9596939	4.02847099
8303	7.13370562	-9.97304535	4.08485842
8304	12.1579247	-9.96163082	3.75367689
8305	7.11711884	-4.96693945	4.13651609
8306	12.1558132	-4.95917892	3.77118278
8307	7.1391573	-19.9709892	4.10185099
8308	7.12277985	-14.9690428	4.08750296
8309	12.1644793	-19.964344	3.75014186
8310	12.1701145	-14.9667234	3.74967957
8311	47.4754677	-24.9598274	4.01176119
8312	42.4356918	-24.9606915	4.01158619
8313	37.3846817	-24.9592476	4.01140261
8314	32.3486023	-24.9608383	4.01157808
8315	42.4289703	-29.9608459	4.01126289
8316	42.4360809	-34.9633331	4.01119614
8317	42.4289513	-39.9636726	4.01063442
8318	42.4359856	-44.9661751	4.01167202
8319	47.4751549	-34.9626503	4.01098442
8320	47.4822693	-29.962225	4.01151419
8321	47.4821663	-39.965126	4.01160479
8322	47.4748421	-44.9656448	4.01101351
8323	32.3508453	-34.9632683	4.01251888
8324	37.385849	-34.9619598	4.01033401
8325	32.3428154	-29.9606171	4.0108242
8326	37.392292	-29.961895	4.01145887
8327	32.3519554	-44.9657097	4.01199293
8328	32.3443985	-39.9632034	4.01157188
8329	37.3862495	-44.9648552	4.01023579
8330	37.3932991	-39.9645844	4.01090813
8331	42.4348145	-4.9563446	4.01110172
8332	42.4282303	-9.95615768	4.01072788
8333	42.4350548	-14.9583111	4.01135731
8334	42.4286194	-19.9582748	4.0114603
8335	47.4826813	-9.95745182	4.012115
8336	47.4763908	-4.95555019	4.0121727
8337	47.4758453	-14.9574327	4.01105022
8338	47.4824181	-19.9595966	4.01113653
8339	32.3376656	-9.95615673	4.01077127
8340	37.3893051	-9.95701504	4.01115322
8341	32.3431778	-4.95648956	4.01151228

with springback

8342	37.3821564	-4.95496321	4.01110888
8343	32.3403664	-19.9581566	4.01212358
8344	32.3457069	-14.958416	4.01140165
8345	37.3907166	-19.9592953	4.01061869
8346	37.3832664	-14.9568844	4.01025152
8347	27.2862034	-94.9751205	4.01685858
8348	27.2950363	-89.9751663	4.01854134
8349	27.2912636	-84.973465	4.0225687
8350	27.300663	-79.9727402	4.02131128
8351	27.2964802	-74.9714355	4.01879549
8352	27.3057117	-69.9703903	4.02036428
8353	27.300518	-64.9691696	4.02055597
8354	27.3091087	-59.968441	4.02240086
8355	27.3028278	-54.9669189	4.0201993
8356	22.2613449	-74.9694824	4.02956915
8357	17.2088146	-74.9678497	3.95458484
8358	12.1775446	-74.9642105	3.75471377
8359	7.13623714	-74.9608612	4.09475136
8360	17.2132988	-79.9678497	3.95353103
8361	17.2024536	-84.9697342	3.95105553
8362	17.2040081	-89.9718704	3.95579743
8363	17.1934032	-94.9712601	3.96668291
8364	22.2545395	-84.9721756	4.02705002
8365	22.2513657	-79.9708405	4.02771902
8366	22.2445011	-89.9726028	4.02881908
8367	22.2477169	-94.9744949	4.02913904
8368	7.12310934	-84.9598312	4.08180618
8369	12.1703777	-84.9644928	3.74995875
8370	7.14021397	-79.9599991	4.09945488
8371	12.1653509	-79.9652786	3.7502141
8372	7.11549187	-94.9614258	4.12637281
8373	7.13369513	-89.9573822	4.07942009
8374	12.1545706	-94.9723816	3.77162433
8375	12.157382	-89.9676437	3.75216866
8376	17.2165203	-54.9657135	3.95282507
8377	17.2224903	-59.9663887	3.95452094
8378	17.2140026	-64.966507	3.95223975
8379	17.2190952	-69.9668427	3.95525742
8380	22.260006	-59.9671097	4.02792645
8381	22.2679882	-54.9668579	4.02905989
8382	22.2658005	-64.9680634	4.02981091
8383	22.2565422	-69.9687805	4.02847958
8384	7.1507411	-59.9638634	4.10947275
8385	12.1778536	-59.9648895	3.75422907
8386	7.14633942	-54.9643631	4.10808563
8387	12.1852608	-54.9656754	3.75728345
8388	7.1463213	-69.9615402	4.10463858
8389	7.1432538	-64.9624329	4.10430193
8390	12.1731939	-69.9646301	3.75154662
8391	12.1825933	-64.964859	3.75607777
8392	47.4725952	-74.9742432	4.01250648
8393	42.4318161	-74.974472	4.01124477
8394	37.3821411	-74.9732361	4.01090384
8395	32.3469048	-74.9728241	4.01208782
8396	42.424099	-79.9749298	4.01112556
8397	42.4297676	-84.9767685	4.01142454
8398	42.4223137	-89.9770203	4.01216698
8399	42.4280243	-94.9788437	4.0107832
8400	47.471283	-84.976593	4.01149368
8401	47.4787216	-79.9763412	4.01165915
8402	47.4771805	-89.9784622	4.01290035
8403	47.4698868	-94.9784927	4.01354265
8404	32.3428383	-84.9751816	4.01162291

with springback

8405	37.3792152	-84.9754715	4.01042747
8406	32.3382378	-79.973587	4.01287222
8407	37.3873329	-79.9749985	4.01050854
8408	32.3389931	-94.9771576	4.01075459
8409	32.3343697	-89.9754562	4.01117611
8410	37.3765373	-94.9774017	4.01134539
8411	37.3843002	-89.977272	4.01015043
8412	42.4351692	-54.969162	4.01166534
8413	42.4273529	-59.9697952	4.01092625
8414	42.4336853	-64.9719086	4.01111841
8415	42.4258614	-69.9724884	4.01129866
8416	47.4810867	-59.9710121	4.01149893
8417	47.4743156	-54.9687233	4.01107407
8418	47.4735489	-64.9715805	4.01103926
8419	47.4800682	-69.9738159	4.01187944
8420	32.343895	-59.9687805	4.01079941
8421	37.3922615	-59.9698906	4.00992012
8422	32.3517303	-54.9681168	4.01221991
8423	37.3857231	-54.9678802	4.00986195
8424	32.3416748	-69.9712753	4.01092768
8425	32.3500366	-64.9704742	4.0119195
8426	37.3902893	-69.9725266	4.01095963
8427	37.3844109	-64.970665	4.00978947
8428	0.205315858	-49.9783897	51.0654526
8429	0.200372204	-49.9756622	46.0564423
8430	0.19842045	-49.9743881	41.050499
8431	0.191677764	-49.9720345	36.0197525
8432	0.173023894	-49.9711876	31.0045567
8433	0.102577835	-49.9691582	25.9706345
8434	-0.0409458317	-49.9687691	20.9579639
8435	-0.204632878	-49.9669495	15.9174414
8436	0.274457008	-49.9668388	10.9018269
8437	0.167635188	-44.9696121	30.9981842
8438	0.166464791	-39.970829	31.0077477
8439	0.168051362	-34.9688148	31.0010242
8440	0.173019499	-29.9707241	31.0104923
8441	0.174825117	-24.9683475	31.0039444
8442	0.175384417	-19.9705582	31.0134315
8443	0.168542445	-14.9689178	31.0073166
8444	0.18084015	-9.97042561	31.0169945
8445	0.167694673	-4.96912289	31.0124302
8446	0.196447119	-24.9727192	36.0396614
8447	0.201432809	-24.9746323	41.0564041
8448	0.202589825	-24.9813709	46.0831413
8449	0.204468295	-24.9846897	51.0744858
8450	0.200592488	-29.9757805	41.0610657
8451	0.198867559	-34.973423	41.0495682
8452	0.209341124	-39.975235	41.0550346
8453	0.200227216	-44.9737091	41.044117
8454	0.200333059	-34.9728203	36.0340881
8455	0.201770619	-29.9707317	36.0286102
8456	0.194267213	-39.9710312	36.0233231
8457	0.196985349	-44.9724998	36.0295906
8458	0.188189924	-34.9821777	51.0644836
8459	0.202174574	-34.9792595	46.0745201
8460	0.212199762	-29.9852734	51.0774574
8461	0.197427586	-29.9784775	46.0702934
8462	0.187691629	-44.9780083	51.0590553
8463	0.183550417	-39.9815712	51.0700417
8464	0.201592267	-44.9766769	46.0676842
8465	0.191665903	-39.9764633	46.0623169
8466	0.195224196	-4.97771215	41.0763664
8467	0.201598123	-9.97867012	41.0780144

with springback

8468	0.197415978	-14.9761353	41.0648651
8469	0.201955214	-19.976841	41.0685616
8470	0.191718981	-9.97249508	36.0408974
8471	0.194525421	-4.97490931	36.053875
8472	0.204026863	-14.9734421	36.0448112
8473	0.192381606	-19.9712315	36.0340538
8474	0.190884873	-9.99102402	51.1007957
8475	0.200016692	-9.98309517	46.090023
8476	0.178521365	-4.99066496	51.1006775
8477	0.197750017	-4.98670101	46.1070938
8478	0.206255302	-19.9881306	51.0888252
8479	0.209148541	-14.9884901	51.0867271
8480	0.200212479	-19.9807358	46.0795784
8481	0.196370199	-14.9831429	46.0926514
8482	0.2593894	-24.9701843	10.8884363
8483	-0.20066157	-24.9704571	15.9205246
8484	-0.046377413	-24.9663658	20.9492817
8485	0.108624764	-24.9698009	25.9814377
8486	-0.203752458	-29.967783	15.9144716
8487	-0.198511392	-34.9693642	15.9229918
8488	-0.201445937	-39.967514	15.9175577
8489	-0.198863611	-44.9681854	15.924161
8490	0.266724944	-34.9687271	10.8937006
8491	0.267104328	-29.9712696	10.8969975
8492	0.273029119	-39.9691315	10.9008198
8493	0.270242184	-44.9670639	10.8964186
8494	0.0958749652	-34.9693985	25.9807987
8495	-0.0465257615	-34.967205	20.9512272
8496	0.0947682038	-29.9670677	25.9732895
8497	-0.0418734252	-29.969286	20.9578896
8498	0.102727912	-44.9697533	25.9793549
8499	0.0980512723	-39.9680061	25.9725075
8500	-0.0446151607	-44.9677696	20.9515553
8501	-0.0424809903	-39.9689102	20.9587688
8502	-0.184279129	-4.96650076	15.9069014
8503	-0.206763864	-9.96716785	15.9049225
8504	-0.206253067	-14.9710894	15.9168568
8505	-0.208153307	-19.9671612	15.9094448
8506	0.245328665	-9.97751904	10.8913927
8507	0.284247339	-4.97232437	10.8748341
8508	0.245856136	-14.9726601	10.8778496
8509	0.264641315	-19.9735451	10.8941107
8510	0.107483566	-9.96733856	25.974472
8511	-0.0401466042	-9.96745014	20.9516888
8512	0.111346841	-4.96896124	25.983984
8513	-0.0285523031	-4.9669137	20.9427872
8514	0.105017878	-19.9671078	25.973814
8515	0.10278739	-14.9688911	25.9815979
8516	-0.0405643098	-19.9695187	20.956501
8517	-0.0427763611	-14.9665251	20.9462814
8518	0.172231928	-94.9729614	30.9858685
8519	0.183016866	-89.9735413	30.9938564
8520	0.172186017	-84.9733047	30.9868088
8521	0.174709827	-79.9729691	30.996315
8522	0.17436789	-74.9735718	30.9894447
8523	0.172358587	-69.9722366	30.9992943
8524	0.166370586	-64.9726334	30.992403
8525	0.163383216	-59.9716835	31.0021839
8526	0.164100692	-54.971447	30.9953365
8527	0.198653549	-74.9735947	36.0243149
8528	0.20212023	-74.9735641	41.0387497
8529	0.193423927	-74.9713669	46.0639076
8530	0.185406908	-74.970192	51.0546112

with springback

8531	0.202825397	-79.9728928	41.0477257
8532	0.203314468	-84.9722519	41.0406914
8533	0.200435147	-89.9715958	41.0507698
8534	0.196243063	-94.9708023	41.046051
8535	0.204348549	-84.9733887	36.0236397
8536	0.201846763	-79.9739838	36.0156479
8537	0.193086639	-89.9726334	36.0165215
8538	0.198138267	-94.9721756	36.0265579
8539	0.166205287	-84.9657898	51.0598221
8540	0.184154302	-84.9699707	46.0668373
8541	0.169502854	-79.9678726	51.0652428
8542	0.192900524	-79.970726	46.0570984
8543	0.176419318	-94.9636612	51.066803
8544	0.158765808	-89.9650726	51.0700417
8545	0.188872099	-94.9669189	46.0750084
8546	0.187626213	-89.9684677	46.0611382
8547	0.200609356	-54.973835	41.040432
8548	0.205677241	-59.9736824	41.0477867
8549	0.200621352	-64.9743652	41.0387001
8550	0.201408163	-69.9734421	41.0467873
8551	0.194022253	-59.9732208	36.0168648
8552	0.192754224	-54.9729462	36.0264282
8553	0.199246034	-64.9728851	36.024662
8554	0.199611634	-69.973999	36.015995
8555	0.201610222	-59.9753075	51.0616112
8556	0.196440384	-59.9748802	46.0541954
8557	0.193731979	-54.9775734	51.0547256
8558	0.202511236	-54.975914	46.0635757
8559	0.190409556	-69.9710541	51.0612106
8560	0.197301939	-64.9732056	51.0520782
8561	0.196069196	-69.9729996	46.0546074
8562	0.200675562	-64.9734573	46.0625305
8563	0.258765638	-74.9613113	10.8807945
8564	-0.201562643	-74.9647522	15.9119005
8565	-0.0452613495	-74.9700165	20.9384174
8566	0.107858643	-74.9706268	25.9697628
8567	-0.208498642	-79.9666977	15.8972321
8568	-0.206632465	-84.9640045	15.9033089
8569	-0.209127009	-89.9665985	15.8865156
8570	-0.186203167	-94.9694595	15.8864107
8571	0.244207799	-84.9583893	10.8644056
8572	0.263833731	-79.9592667	10.8851471
8573	0.242398351	-89.954895	10.876977
8574	0.27995047	-94.9583588	10.8534851
8575	0.101308979	-84.9720078	25.9641266
8576	-0.0450942703	-84.9701233	20.9298019
8577	0.0996848643	-79.9721603	25.9587898
8578	-0.0432172008	-79.9682541	20.9439297
8579	0.116142221	-94.9726105	25.9600105
8580	0.114544556	-89.9721375	25.9530907
8581	-0.0267187506	-94.9697189	20.9198666
8582	-0.0391657613	-89.9710236	20.9328899
8583	-0.199457049	-54.9672585	15.9227533
8584	-0.1998519	-59.9663963	15.9144526
8585	-0.198421597	-64.9659729	15.9184589
8586	-0.205229223	-69.9660721	15.9073763
8587	0.273554683	-59.9644852	10.8991213
8588	0.270070344	-54.9650154	10.8954172
8589	0.268170893	-64.9631042	10.8904886
8590	0.267419845	-69.9618454	10.8924313
8591	0.0920023024	-59.9705162	25.9680996
8592	-0.0434518605	-59.9686089	20.9552536
8593	0.101902619	-54.9700508	25.9771976

With springback

8594	-0.0432903729	-54.9682579	20.9496326
8595	0.0986014679	-69.9718552	25.9636974
8596	0.094629392	-64.9705734	25.9742241
8597	-0.0409829207	-69.9684296	20.9500618
8598	-0.0485676341	-64.9690628	20.9453564

*ELEMENT_SHELL_THICKNESS

5693	7	7935	7939	7931	7932	
	1.0000992		1.0000992		1.0000992	1.0000992
5694	7	7939	7925	7926	7931	
	1.0000724		1.0000724		1.0000724	1.0000724
5695	7	7936	7938	7939	7935	
	1.0001037		1.0001037		1.0001037	1.0001037
5696	7	7938	7924	7925	7939	
	1.0001341		1.0001341		1.0001341	1.0001341
5697	7	7937	7940	7938	7936	
	1.0001442		1.0001442		1.0001442	1.0001442
5698	7	7940	7923	7924	7938	
	1.0001367		1.0001367		1.0001367	1.0001367
5699	7	7916	7917	7940	7937	
	1.0003104		1.0003104		1.0003104	1.0003104
5700	7	7917	7918	7923	7940	
	1.0002819		1.0002819		1.0002819	1.0002819
5701	7	7902	7941	7943	7901	
	1.0000801		1.0000801		1.0000801	1.0000801
5702	7	7901	7943	7934	7900	
	1.000056		1.000056		1.000056	1.000056
5703	7	7935	7944	7942	7936	
	1.0001088		1.0001088		1.0001088	1.0001088
5704	7	7944	7943	7941	7942	
	1.0000892		1.0000892		1.0000892	1.0000892
5705	7	7932	7933	7944	7935	
	1.0000821		1.0000821		1.0000821	1.0000821
5706	7	7933	7934	7943	7944	
	1.0000601		1.0000601		1.0000601	1.0000601
5707	7	7904	7914	7945	7903	
	1.0002977		1.0002977		1.0002977	1.0002977
5708	7	7903	7945	7941	7902	
	1.0001307		1.0001307		1.0001307	1.0001307
5709	7	7937	7946	7915	7916	
	1.0002936		1.0002936		1.0002936	1.0002936
5710	7	7946	7945	7914	7915	
	1.0002942		1.0002942		1.0002942	1.0002942
5711	7	7936	7942	7946	7937	
	1.0001301		1.0001301		1.0001301	1.0001301
5712	7	7942	7941	7945	7946	
	1.0001233		1.0001233		1.0001233	1.0001233
5713	7	7951	7952	7947	7948	
	1.0000478		1.0000478		1.0000478	1.0000478
5714	7	7952	7927	7928	7947	
	1.0000532		1.0000532		1.0000532	1.0000532
5715	7	7932	7931	7952	7951	
	1.0000536		1.0000536		1.0000536	1.0000536
5716	7	7931	7926	7927	7952	
	1.0000805		1.0000805		1.0000805	1.0000805
5717	7	7948	7949	7953	7951	
	1.000039		1.000039		1.000039	1.000039
5718	7	7951	7953	7933	7932	
	1.0000671		1.0000671		1.0000671	1.0000671
5719	7	7899	7954	7950	7898	
	1.0000225		1.0000225		1.0000225	1.0000225
5720	7	7954	7953	7949	7950	
	1.0000262		1.0000262		1.0000262	1.0000262
5721	7	7900	7934	7954	7899	

1.000041	1.000041	with springback	1.000041
5722 7	7934 7933	7953 7954	1.0000446
1.0000446	1.0000446	1.0000446	1.0000446
5723 7	7955 7957	7882 7883	1.0000328
1.0000328	1.0000328	1.0000328	1.0000415
5724 7	7957 7930	7881 7882	1.0000415
1.0000415	1.0000415	1.0000415	1.0000232
5725 7	7956 7958	7957 7955	1.0000232
1.0000232	1.0000232	1.0000232	1.0000292
5726 7	7958 7929	7930 7957	1.0000292
1.0000292	1.0000292	1.0000292	1.0000396
5727 7	7948 7947	7958 7956	1.0000396
1.0000396	1.0000396	1.0000396	1.0000581
5728 7	7947 7928	7929 7958	1.0000581
1.0000581	1.0000581	1.0000581	1.0000036
5729 7	7896 7959	7885 7886	1.0000036
1.0000036	1.0000036	1.0000036	1.0000119
5730 7	7959 7960	7884 7885	1.0000119
1.0000119	1.0000119	1.0000119	1.0000215
5731 7	7960 7955	7883 7884	1.0000215
1.0000215	1.0000215	1.0000215	1.0000261
5732 7	7898 7950	7961 7897	1.0000261
1.0000261	1.0000261	1.0000261	0.99999446
5733 7	7897 7961	7959 7896	0.99999446
0.99999446	0.99999446	0.99999446	1.0000324
5734 7	7956 7962	7949 7948	1.0000324
1.0000324	1.0000324	1.0000324	1.0000219
5735 7	7962 7961	7950 7949	1.0000219
1.0000219	1.0000219	1.0000219	1.00001
5736 7	7955 7960	7962 7956	1.00001
1.00001	1.00001	1.00001	1.0000044
5737 7	7960 7959	7961 7962	1.0000044
1.0000044	1.0000044	1.0000044	1.00006
5738 7	7967 7971	7963 7964	1.00006
1.00006	1.00006	1.00006	1.0000464
5739 7	7971 7792	7793 7963	1.0000464
1.0000464	1.0000464	1.0000464	0.99993998
5740 7	7968 7970	7971 7967	0.99993998
0.99993998	0.99993998	0.99993998	1.0000018
5741 7	7970 7791	7792 7971	1.0000018
1.0000018	1.0000018	1.0000018	1.0001413
5742 7	7969 7972	7970 7968	1.0001413
1.0001413	1.0001413	1.0001413	0.99967891
5743 7	7972 7790	7791 7970	0.99967891
0.99967891	0.99967891	0.99967891	1.0011668
5744 7	7921 7922	7972 7969	1.0011668
1.0011668	1.0011668	1.0011668	0.99977583
5745 7	7922 7789	7790 7972	0.99977583
0.99977583	0.99977583	0.99977583	1.0000927
5746 7	7924 7973	7975 7925	1.0000927
1.0000927	1.0000927	1.0000927	1.0000931
5747 7	7925 7975	7966 7926	1.0000931
1.0000931	1.0000931	1.0000931	1.0000609
5748 7	7967 7976	7974 7968	1.0000609
1.0000609	1.0000609	1.0000609	1.0001146
5749 7	7976 7975	7973 7974	1.0001146
1.0001146	1.0001146	1.0001146	1.0000414
5750 7	7964 7965	7976 7967	1.0000414
1.0000414	1.0000414	1.0000414	1.0000679
5751 7	7965 7966	7975 7976	1.0000679
1.0000679	1.0000679	1.0000679	1.0003535
5752 7	7918 7919	7977 7923	1.0003535
1.0003535	1.0003535	1.0003535	

			With springback	
5753	7	7923	7977	7973 7924
	1.0001941		1.0001941	1.0001941
5754	7	7969	7978	7920 7921
	1.0000284		1.0000284	1.0000284
5755	7	7978	7977	7919 7920
	1.0003976		1.0003976	1.0003976
5756	7	7968	7974	7978 7969
	1.0001503		1.0001503	1.0001503
5757	7	7974	7973	7977 7978
	1.0000805		1.0000805	1.0000805
5758	7	7983	7984	7979 7980
	1.0000913		1.0000913	1.0000913
5759	7	7984	7794	7795 7979
	1.000066		1.000066	1.000066
5760	7	7964	7963	7984 7983
	1.000064		1.000064	1.000064
5761	7	7963	7793	7794 7984
	1.0000567		1.0000567	1.0000567
5762	7	7980	7981	7985 7983
	1.0000669		1.0000669	1.0000669
5763	7	7983	7985	7965 7964
	1.0000726		1.0000726	1.0000726
5764	7	7927	7986	7982 7928
	1.0000552		1.0000552	1.0000552
5765	7	7986	7985	7981 7982
	1.0000587		1.0000587	1.0000587
5766	7	7926	7966	7986 7927
	1.0000687		1.0000687	1.0000687
5767	7	7966	7965	7985 7986
	1.0000695		1.0000695	1.0000695
5768	7	7987	7989	7877 7878
	1.000118		1.000118	1.000118
5769	7	7989	7797	7798 7877
	1.0000981		1.0000981	1.0000981
5770	7	7988	7990	7989 7987
	1.0000916		1.0000916	1.0000916
5771	7	7990	7796	7797 7989
	1.0000812		1.0000812	1.0000812
5772	7	7980	7979	7990 7988
	1.0001136		1.0001136	1.0001136
5773	7	7979	7795	7796 7990
	1.0000859		1.0000859	1.0000859
5774	7	7930	7991	7880 7881
	1.0000511		1.0000511	1.0000511
5775	7	7991	7992	7879 7880
	1.0000812		1.0000812	1.0000812
5776	7	7992	7987	7878 7879
	1.00009		1.00009	1.00009
5777	7	7928	7982	7993 7929
	1.0000597		1.0000597	1.0000597
5778	7	7929	7993	7991 7930
	1.0000455		1.0000455	1.0000455
5779	7	7988	7994	7981 7980
	1.0000854		1.0000854	1.0000854
5780	7	7994	7993	7982 7981
	1.0000738		1.0000738	1.0000738
5781	7	7987	7992	7994 7988
	1.000071		1.000071	1.000071
5782	7	7992	7991	7993 7994
	1.0000626		1.0000626	1.0000626
5783	7	8012	8013	8008 8009
	0.99994004		0.99994004	0.99994004
5784	7	8013	8004	8005 8008

0.99990708	0.99990708	0.99990708	0.99990708
5785 7	7997 7998	8013 8012	
0.99990457	0.99990457	0.99990457	0.99990457
5786 7	7998 7999	8004 8013	
0.99994224	0.99994224	0.99994224	0.99994224
5787 7	8009 8010	8014 8012	
0.99990863	0.99990863	0.99990863	0.99990863
5788 7	8012 8014	7996 7997	
0.9998998	0.9998998	0.9998998	0.9998998
5789 7	7908 8015	8011 7907	
0.99988008	0.99988008	0.99988008	0.99988008
5790 7	8015 8014	8010 8011	
0.99989146	0.99989146	0.99989146	0.99989146
5791 7	7909 7995	8015 7908	
0.9998666	0.9998666	0.9998666	0.9998666
5792 7	7995 7996	8014 8015	
0.99987453	0.99987453	0.99987453	0.99987453
5793 7	8016 8018	7917 7916	
1.0000799	1.0000799	1.0000799	1.0000799
5794 7	8018 8007	7918 7917	
1.0000758	1.0000758	1.0000758	1.0000758
5795 7	8017 8019	8018 8016	
0.99992603	0.99992603	0.99992603	0.99992603
5796 7	8019 8006	8007 8018	
0.99988776	0.99988776	0.99988776	0.99988776
5797 7	8009 8008	8019 8017	
0.9999001	0.9999001	0.9999001	0.9999001
5798 7	8008 8005	8006 8019	
0.99996173	0.99996173	0.99996173	0.99996173
5799 7	7905 8020	7914 7904	
1.0000799	1.0000799	1.0000799	1.0000799
5800 7	8020 8021	7915 7914	
1.0000632	1.0000632	1.0000632	1.0000632
5801 7	8021 8016	7916 7915	
1.0001085	1.0001085	1.0001085	1.0001085
5802 7	7907 8011	8022 7906	
0.99988782	0.99988782	0.99988782	0.99988782
5803 7	7906 8022	8020 7905	
0.99991608	0.99991608	0.99991608	0.99991608
5804 7	8017 8023	8010 8009	
0.99988198	0.99988198	0.99988198	0.99988198
5805 7	8023 8022	8011 8010	
0.99985665	0.99985665	0.99985665	0.99985665
5806 7	8016 8021	8023 8017	
0.99988437	0.99988437	0.99988437	0.99988437
5807 7	8021 8020	8022 8023	
0.99989915	0.99989915	0.99989915	0.99989915
5808 7	8028 8029	8024 8025	
0.99989599	0.99989599	0.99989599	0.99989599
5809 7	8029 7785	7786 8024	
0.99987125	0.99987125	0.99987125	0.99987125
5810 7	8002 8003	8029 8028	
0.99992442	0.99992442	0.99992442	0.99992442
5811 7	8003 7784	7785 8029	
0.99989724	0.99989724	0.99989724	0.99989724
5812 7	8025 8026	8030 8028	
0.9998796	0.9998796	0.9998796	0.9998796
5813 7	8028 8030	8001 8002	
0.99989122	0.99989122	0.99989122	0.99989122
5814 7	8004 8031	8027 8005	
0.99995369	0.99995369	0.99995369	0.99995369
5815 7	8031 8030	8026 8027	
0.99989378	0.99989378	0.99989378	0.99989378

with springback

5816	7	7999	8000	8031	8004	
	0.9999072		0.9999072		0.9999072	0.9999072
5817	7	8000	8001	8030	8031	
	0.99990922		0.99990922		0.99990922	0.99990922
5818	7	8032	8034	7922	7921	
	1.0010558		1.0010558		1.0010558	1.0010558
5819	7	8034	7788	7789	7922	
	0.99947369		0.99947369		0.99947369	0.99947369
5820	7	8033	8035	8034	8032	
	0.9997645		0.9997645		0.9997645	0.9997645
5821	7	8035	7787	7788	8034	
	0.99945182		0.99945182		0.99945182	0.99945182
5822	7	8025	8024	8035	8033	
	0.99974638		0.99974638		0.99974638	0.99974638
5823	7	8024	7786	7787	8035	
	0.99981213		0.99981213		0.99981213	0.99981213
5824	7	8007	8036	7919	7918	
	1.0001222		1.0001222		1.0001222	1.0001222
5825	7	8036	8037	7920	7919	
	1.0001971		1.0001971		1.0001971	1.0001971
5826	7	8037	8032	7921	7920	
	0.99990183		0.99990183		0.99990183	0.99990183
5827	7	8005	8027	8038	8006	
	0.99987829		0.99987829		0.99987829	0.99987829
5828	7	8006	8038	8036	8007	
	0.99996632		0.99996632		0.99996632	0.99996632
5829	7	8033	8039	8026	8025	
	0.99983078		0.99983078		0.99983078	0.99983078
5830	7	8039	8038	8027	8026	
	0.99995667		0.99995667		0.99995667	0.99995667
5831	7	8032	8037	8039	8033	
	1.0000101		1.0000101		1.0000101	1.0000101
5832	7	8037	8036	8038	8039	
	0.99982435		0.99982435		0.99982435	0.99982435
5833	7	8048	8049	8044	8045	
	0.99997371		0.99997371		0.99997371	0.99997371
5834	7	8049	8040	8041	8044	
	0.99996877		0.99996877		0.99996877	0.99996877
5835	7	7772	7773	8049	8048	
	0.99992436		0.99992436		0.99992436	0.99992436
5836	7	7773	7774	8040	8049	
	0.9999243		0.9999243		0.9999243	0.9999243
5837	7	8045	8046	8050	8048	
	0.99996001		0.99996001		0.99996001	0.99996001
5838	7	8048	8050	7771	7772	
	0.99994594		0.99994594		0.99994594	0.99994594
5839	7	7913	8051	8047	7912	
	0.99994558		0.99994558		0.99994558	0.99994558
5840	7	8051	8050	8046	8047	
	0.99995321		0.99995321		0.99995321	0.99995321
5841	7	7769	7770	8051	7913	
	0.99995077		0.99995077		0.99995077	0.99995077
5842	7	7770	7771	8050	8051	
	0.99994498		0.99994498		0.99994498	0.99994498
5843	7	8052	8054	7998	7997	
	0.99993593		0.99993593		0.99993593	0.99993593
5844	7	8054	8043	7999	7998	
	0.99993819		0.99993819		0.99993819	0.99993819
5845	7	8053	8055	8054	8052	
	0.99994487		0.99994487		0.99994487	0.99994487
5846	7	8055	8042	8043	8054	
	0.99994993		0.99994993		0.99994993	0.99994993
5847	7	8045	8044	8055	8053	

With springback

0.99997967	0.99997967	with springback	0.99997967	0.99997967
5848 7	8044 8041		8042 8055	
0.99997246	0.99997246		0.99997246	0.99997246
5849 7	7910 8056		7995 7909	
0.99987566	0.99987566		0.99987566	0.99987566
5850 7	8056 8057		7996 7995	
0.99990898	0.99990898		0.99990898	0.99990898
5851 7	8057 8052		7997 7996	
0.99992263	0.99992263		0.99992263	0.99992263
5852 7	7912 8047		8058 7911	
0.99993736	0.99993736		0.99993736	0.99993736
5853 7	7911 8058		8056 7910	
0.9998849	0.9998849		0.9998849	0.9998849
5854 7	8053 8059		8046 8045	
0.99994248	0.99994248		0.99994248	0.99994248
5855 7	8059 8058		8047 8046	
0.99993348	0.99993348		0.99993348	0.99993348
5856 7	8052 8057		8059 8053	
0.99992651	0.99992651		0.99992651	0.99992651
5857 7	8057 8056		8058 8059	
0.99990749	0.99990749		0.99990749	0.99990749
5858 7	8064 8065		8060 8061	
0.99998528	0.99998528		0.99998528	0.99998528
5859 7	8065 7780		7781 8060	
0.9999404	0.9999404		0.9999404	0.9999404
5860 7	7777 7778		8065 8064	
0.99995536	0.99995536		0.99995536	0.99995536
5861 7	7778 7779		7780 8065	
0.99993122	0.99993122		0.99993122	0.99993122
5862 7	8061 8062		8066 8064	
0.99990481	0.99990481		0.99990481	0.99990481
5863 7	8064 8066		7776 7777	
0.99992353	0.99992353		0.99992353	0.99992353
5864 7	8040 8067		8063 8041	
0.99996156	0.99996156		0.99996156	0.99996156
5865 7	8067 8066		8062 8063	
0.99993312	0.99993312		0.99993312	0.99993312
5866 7	7774 7775		8067 8040	
0.99992514	0.99992514		0.99992514	0.99992514
5867 7	7775 7776		8066 8067	
0.9999423	0.9999423		0.9999423	0.9999423
5868 7	8068 8070		8003 8002	
0.99997395	0.99997395		0.99997395	0.99997395
5869 7	8070 7783		7784 8003	
0.99990445	0.99990445		0.99990445	0.99990445
5870 7	8069 8071		8070 8068	
0.99996001	0.99996001		0.99996001	0.99996001
5871 7	8071 7782		7783 8070	
0.99990672	0.99990672		0.99990672	0.99990672
5872 7	8061 8060		8071 8069	
0.99998599	0.99998599		0.99998599	0.99998599
5873 7	8060 7781		7782 8071	
0.99991482	0.99991482		0.99991482	0.99991482
5874 7	8043 8072		8000 7999	
0.99993718	0.99993718		0.99993718	0.99993718
5875 7	8072 8073		8001 8000	
0.99990326	0.99990326		0.99990326	0.99990326
5876 7	8073 8068		8002 8001	
0.99991488	0.99991488		0.99991488	0.99991488
5877 7	8041 8063		8074 8042	
0.99992836	0.99992836		0.99992836	0.99992836
5878 7	8042 8074		8072 8043	
0.99990135	0.99990135		0.99990135	0.99990135

5879	7	8069	8075	8062	8061	
0.99993616		0.99993616		0.99993616		0.99993616
5880	7	8075	8074	8063	8062	
0.9998911		0.9998911		0.9998911		0.9998911
5881	7	8068	8073	8075	8069	
0.99993157		0.99993157		0.99993157		0.99993157
5882	7	8073	8072	8074	8075	
0.99988848		0.99988848		0.99988848		0.99988848
5883	7	8097	8101	8093	8094	
1.0000581		1.0000581		1.0000581		1.0000581
5884	7	8101	8087	8088	8093	
1.0000823		1.0000823		1.0000823		1.0000823
5885	7	8098	8100	8101	8097	
1.0000998		1.0000998		1.0000998		1.0000998
5886	7	8100	8086	8087	8101	
1.0000799		1.0000799		1.0000799		1.0000799
5887	7	8099	8102	8100	8098	
1.000056		1.000056		1.000056		1.000056
5888	7	8102	8085	8086	8100	
1.0001795		1.0001795		1.0001795		1.0001795
5889	7	8078	8079	8102	8099	
1.000375		1.000375		1.000375		1.000375
5890	7	8079	8080	8085	8102	
1.0003396		1.0003396		1.0003396		1.0003396
5891	7	7865	8103	8105	7864	
0.9999972		0.9999972		0.9999972		0.9999972
5892	7	7864	8105	8096	7863	
1.0000399		1.0000399		1.0000399		1.0000399
5893	7	8097	8106	8104	8098	
1.0000497		1.0000497		1.0000497		1.0000497
5894	7	8106	8105	8103	8104	
0.99993372		0.99993372		0.99993372		0.99993372
5895	7	8094	8095	8106	8097	
1.0000334		1.0000334		1.0000334		1.0000334
5896	7	8095	8096	8105	8106	
1.0000583		1.0000583		1.0000583		1.0000583
5897	7	7867	8076	8107	7866	
0.99973208		0.99973208		0.99973208		0.99973208
5898	7	7866	8107	8103	7865	
0.99967337		0.99967337		0.99967337		0.99967337
5899	7	8099	8108	8077	8078	
1.0000018		1.0000018		1.0000018		1.0000018
5900	7	8108	8107	8076	8077	
1.0011482		1.0011482		1.0011482		1.0011482
5901	7	8098	8104	8108	8099	
1.0001382		1.0001382		1.0001382		1.0001382
5902	7	8104	8103	8107	8108	
1.0001214		1.0001214		1.0001214		1.0001214
5903	7	8113	8114	8109	8110	
1.0000424		1.0000424		1.0000424		1.0000424
5904	7	8114	8089	8090	8109	
1.0000427		1.0000427		1.0000427		1.0000427
5905	7	8094	8093	8114	8113	
1.0000516		1.0000516		1.0000516		1.0000516
5906	7	8093	8088	8089	8114	
1.0000463		1.0000463		1.0000463		1.0000463
5907	7	8110	8111	8115	8113	
1.0000572		1.0000572		1.0000572		1.0000572
5908	7	8113	8115	8095	8094	
1.0000522		1.0000522		1.0000522		1.0000522
5909	7	7862	8116	8112	7861	
1.0000759		1.0000759		1.0000759		1.0000759
5910	7	8116	8115	8111	8112	

With springback

1.0000932	1.0000932	with springback	1.0000932
5911 7	7863 8096	8116 7862	1.0000641
1.0000641	1.0000641	1.0000641	1.0000641
5912 7	8096 8095	8115 8116	1.0000776
1.0000776	1.0000776	1.0000776	1.0000691
5913 7	8117 8119	7892 7893	1.0000402
1.0000691	1.0000691	1.0000691	1.0000541
5914 7	8119 8092	7891 7892	1.0000277
1.0000402	1.0000402	1.0000402	1.0000664
5915 7	8118 8120	8119 8117	1.0000514
1.0000541	1.0000541	1.0000541	1.0000277
5916 7	8120 8091	8092 8119	1.0000664
1.0000277	1.0000277	1.0000277	1.0000514
5917 7	8110 8109	8120 8118	1.0001146
1.0000664	1.0000664	1.0000664	1.0001254
5918 7	8109 8090	8091 8120	1.0000916
1.0000514	1.0000514	1.0000514	1.0001007
5919 7	7859 8121	7895 7858	1.0000941
1.0001146	1.0001146	1.0001146	1.0000803
5920 7	8121 8122	7894 7895	1.0001162
1.0001254	1.0001254	1.0001254	1.0000752
5921 7	8122 8117	7893 7894	1.0000972
1.0000916	1.0000916	1.0000916	1.0000594
5922 7	7861 8112	8123 7860	1.0000428
1.0001007	1.0001007	1.0001007	1.0000842
5923 7	7860 8123	8121 7859	1.0000855
1.0000941	1.0000941	1.0000941	1.0001405
5924 7	8118 8124	8111 8110	1.0001224
1.0000803	1.0000803	1.0000803	1.0002891
5925 7	8124 8123	8112 8111	1.0002904
1.0001162	1.0001162	1.0001162	1.0001225
5926 7	8117 8122	8124 8118	1.0000466
1.0000752	1.0000752	1.0000752	1.0001041
5927 7	8122 8121	8123 8124	1.0000875
1.0000972	1.0000972	1.0000972	1.000062
5928 7	8129 8133	8125 8126	1.0000842
1.0000594	1.0000594	1.0000594	1.0000842
5929 7	8133 7901	7900 8125	1.0000842
1.0000428	1.0000428	1.0000428	1.0000855
5930 7	8130 8132	8133 8129	1.0001405
1.0000842	1.0000842	1.0000842	1.0001224
5931 7	8132 7902	7901 8133	1.0002891
1.0000855	1.0000855	1.0000855	1.0002904
5932 7	8131 8134	8132 8130	1.0001225
1.0001405	1.0001405	1.0001405	1.0000466
5933 7	8134 7903	7902 8132	1.0001041
1.0001224	1.0001224	1.0001224	1.0000875
5934 7	8083 8084	8134 8131	1.000062
1.0002891	1.0002891	1.0002891	1.0000842
5935 7	8084 7904	7903 8134	1.0000842
1.0002904	1.0002904	1.0002904	1.0000842
5936 7	8086 8135	8137 8087	1.0000842
1.0001225	1.0001225	1.0001225	1.0000842
5937 7	8087 8137	8128 8088	1.0000842
1.0000466	1.0000466	1.0000466	1.0000842
5938 7	8129 8138	8136 8130	1.0000842
1.0001041	1.0001041	1.0001041	1.0000842
5939 7	8138 8137	8135 8136	1.0000842
1.0000875	1.0000875	1.0000875	1.0000842
5940 7	8126 8127	8138 8129	1.0000842
1.000062	1.000062	1.000062	1.0000842
5941 7	8127 8128	8137 8138	1.0000842
1.0000842	1.0000842	1.0000842	1.0000842

5942	7	8080	8081	8139	8085	
	1.0002792		1.0002792		1.0002792	1.0002792
5943	7	8085	8139	8135	8086	
	1.0001274		1.0001274		1.0001274	1.0001274
5944	7	8131	8140	8082	8083	
	1.0003216		1.0003216		1.0003216	1.0003216
5945	7	8140	8139	8081	8082	
	1.0003194		1.0003194		1.0003194	1.0003194
5946	7	8130	8136	8140	8131	
	1.0001261		1.0001261		1.0001261	1.0001261
5947	7	8136	8135	8139	8140	
	1.0001459		1.0001459		1.0001459	1.0001459
5948	7	8145	8146	8141	8142	
	1.000018		1.000018		1.000018	1.000018
5949	7	8146	7899	7898	8141	
	1.000013		1.000013		1.000013	1.000013
5950	7	8126	8125	8146	8145	
	1.0000328		1.0000328		1.0000328	1.0000328
5951	7	8125	7900	7899	8146	
	1.0000399		1.0000399		1.0000399	1.0000399
5952	7	8142	8143	8147	8145	
	1.0000112		1.0000112		1.0000112	1.0000112
5953	7	8145	8147	8127	8126	
	1.0000581		1.0000581		1.0000581	1.0000581
5954	7	8089	8148	8144	8090	
	1.0000271		1.0000271		1.0000271	1.0000271
5955	7	8148	8147	8143	8144	
	1.0000293		1.0000293		1.0000293	1.0000293
5956	7	8088	8128	8148	8089	
	1.0000622		1.0000622		1.0000622	1.0000622
5957	7	8128	8127	8147	8148	
	1.0000416		1.0000416		1.0000416	1.0000416
5958	7	8149	8151	7887	7888	
	1.0000044		1.0000044		1.0000044	1.0000044
5959	7	8151	7896	7886	7887	
	1.0000023		1.0000023		1.0000023	1.0000023
5960	7	8150	8152	8151	8149	
	1.000003		1.000003		1.000003	1.000003
5961	7	8152	7897	7896	8151	
	0.9999969		0.9999969		0.9999969	0.9999969
5962	7	8142	8141	8152	8150	
	1.000018		1.000018		1.000018	1.000018
5963	7	8141	7898	7897	8152	
	1.000013		1.000013		1.000013	1.000013
5964	7	8092	8153	7890	7891	
	1.0000339		1.0000339		1.0000339	1.0000339
5965	7	8153	8154	7889	7890	
	1.0000147		1.0000147		1.0000147	1.0000147
5966	7	8154	8149	7888	7889	
	1.0000106		1.0000106		1.0000106	1.0000106
5967	7	8090	8144	8155	8091	
	1.0000392		1.0000392		1.0000392	1.0000392
5968	7	8091	8155	8153	8092	
	1.0000156		1.0000156		1.0000156	1.0000156
5969	7	8150	8156	8143	8142	
	1.0000166		1.0000166		1.0000166	1.0000166
5970	7	8156	8155	8144	8143	
	1.0000291		1.0000291		1.0000291	1.0000291
5971	7	8149	8154	8156	8150	
	1.0000027		1.0000027		1.0000027	1.0000027
5972	7	8154	8153	8155	8156	
	1.0000114		1.0000114		1.0000114	1.0000114
5973	7	8174	8175	8170	8171	

With springback

0.99989837	0.99989837	with springback	0.99989837	0.99989837
5974 7	8175 8166		8167 8170	
0.99993044	0.99993044		0.99993044	0.99993044
5975 7	8159 8160		8175 8174	
0.99990147	0.99990147		0.99990147	0.99990147
5976 7	8160 8161		8166 8175	
0.99989152	0.99989152		0.99989152	0.99989152
5977 7	8171 8172		8176 8174	
0.99987954	0.99987954		0.99987954	0.99987954
5978 7	8174 8176		8158 8159	
0.99989581	0.99989581		0.99989581	0.99989581
5979 7	7871 8177		8173 7870	
0.99988699	0.99988699		0.99988699	0.99988699
5980 7	8177 8176		8172 8173	
0.9999156	0.9999156		0.9999156	0.9999156
5981 7	7872 8157		8177 7871	
0.99990755	0.99990755		0.99990755	0.99990755
5982 7	8157 8158		8176 8177	
0.99992609	0.99992609		0.99992609	0.99992609
5983 7	8178 8180		8079 8078	
1.0001732	1.0001732		1.0001732	1.0001732
5984 7	8180 8169		8080 8079	
1.0001332	1.0001332		1.0001332	1.0001332
5985 7	8179 8181		8180 8178	
0.99984765	0.99984765		0.99984765	0.99984765
5986 7	8181 8168		8169 8180	
0.9999612	0.9999612		0.9999612	0.9999612
5987 7	8171 8170		8181 8179	
0.99995744	0.99995744		0.99995744	0.99995744
5988 7	8170 8167		8168 8181	
0.99989283	0.99989283		0.99989283	0.99989283
5989 7	7868 8182		8076 7867	
0.99953252	0.99953252		0.99953252	0.99953252
5990 7	8182 8183		8077 8076	
1.0010141	1.0010141		1.0010141	1.0010141
5991 7	8183 8178		8078 8077	
0.9998973	0.9998973		0.9998973	0.9998973
5992 7	7870 8173		8184 7869	
0.99982077	0.99982077		0.99982077	0.99982077
5993 7	7869 8184		8182 7868	
0.99948204	0.99948204		0.99948204	0.99948204
5994 7	8179 8185		8172 8171	
0.99984252	0.99984252		0.99984252	0.99984252
5995 7	8185 8184		8173 8172	
0.99976856	0.99976856		0.99976856	0.99976856
5996 7	8178 8183		8185 8179	
1.0000097	1.0000097		1.0000097	1.0000097
5997 7	8183 8182		8184 8185	
0.99978989	0.99978989		0.99978989	0.99978989
5998 7	8190 8191		8186 8187	
0.99989194	0.99989194		0.99989194	0.99989194
5999 7	8191 7908		7907 8186	
0.99990547	0.99990547		0.99990547	0.99990547
6000 7	8164 8165		8191 8190	
0.99985802	0.99985802		0.99985802	0.99985802
6001 7	8165 7909		7908 8191	
0.99986064	0.99986064		0.99986064	0.99986064
6002 7	8187 8188		8192 8190	
0.99986613	0.99986613		0.99986613	0.99986613
6003 7	8190 8192		8163 8164	
0.99985307	0.99985307		0.99985307	0.99985307
6004 7	8166 8193		8189 8167	
0.99987984	0.99987984		0.99987984	0.99987984

6005	7	8193	8192	8188	8189	
0.99988157		0.99988157		0.99988157		0.99988157
6006	7	8161	8162	8193	8166	
0.99988598		0.99988598		0.99988598		0.99988598
6007	7	8162	8163	8192	8193	
0.99985605		0.99985605		0.99985605		0.99985605
6008	7	8194	8196	8084	8083	
1.0000763		1.0000763		1.0000763		1.0000763
6009	7	8196	7905	7904	8084	
1.0000793		1.0000793		1.0000793		1.0000793
6010	7	8195	8197	8196	8194	
0.99990988		0.99990988		0.99990988		0.99990988
6011	7	8197	7906	7905	8196	
0.99992764		0.99992764		0.99992764		0.99992764
6012	7	8187	8186	8197	8195	
0.99989676		0.99989676		0.99989676		0.99989676
6013	7	8186	7907	7906	8197	
0.99989259		0.99989259		0.99989259		0.99989259
6014	7	8169	8198	8081	8080	
1.0000733		1.0000733		1.0000733		1.0000733
6015	7	8198	8199	8082	8081	
1.000108		1.000108		1.000108		1.000108
6016	7	8199	8194	8083	8082	
1.000085		1.000085		1.000085		1.000085
6017	7	8167	8189	8200	8168	
0.99989825		0.99989825		0.99989825		0.99989825
6018	7	8168	8200	8198	8169	
0.999888		0.999888		0.999888		0.999888
6019	7	8195	8201	8188	8187	
0.99988389		0.99988389		0.99988389		0.99988389
6020	7	8201	8200	8189	8188	
0.99983567		0.99983567		0.99983567		0.99983567
6021	7	8194	8199	8201	8195	
0.99989003		0.99989003		0.99989003		0.99989003
6022	7	8199	8198	8200	8201	
0.99991304		0.99991304		0.99991304		0.99991304
6023	7	8210	8211	8206	8207	
0.99992621		0.99992621		0.99992621		0.99992621
6024	7	8211	8202	8203	8206	
0.99998432		0.99998432		0.99998432		0.99998432
6025	7	7762	7763	8211	8210	
0.99994653		0.99994653		0.99994653		0.99994653
6026	7	7763	7764	8202	8211	
0.99993843		0.99993843		0.99993843		0.99993843
6027	7	8207	8208	8212	8210	
0.99991727		0.99991727		0.99991727		0.99991727
6028	7	8210	8212	7761	7762	
0.99992454		0.99992454		0.99992454		0.99992454
6029	7	7876	8213	8209	7875	
0.999942		0.999942		0.999942		0.999942
6030	7	8213	8212	8208	8209	
0.99998307		0.99998307		0.99998307		0.99998307
6031	7	7759	7760	8213	7876	
0.99992669		0.99992669		0.99992669		0.99992669
6032	7	7760	7761	8212	8213	
0.99995512		0.99995512		0.99995512		0.99995512
6033	7	8214	8216	8160	8159	
0.99991173		0.99991173		0.99991173		0.99991173
6034	7	8216	8205	8161	8160	
0.99991614		0.99991614		0.99991614		0.99991614
6035	7	8215	8217	8216	8214	
0.99991167		0.99991167		0.99991167		0.99991167
6036	7	8217	8204	8205	8216	

With springback

0.99987137	0.99987137	with springback	0.99987137	0.99987137
6037 7	8207 8206		8217 8215	
0.99990392	0.99990392		0.99990392	0.99990392
6038 7	8206 8203		8204 8217	
0.99993294	0.99993294		0.99993294	0.99993294
6039 7	7873 8218		8157 7872	
0.99990779	0.99990779		0.99990779	0.99990779
6040 7	8218 8219		8158 8157	
0.99998587	0.99998587		0.99998587	0.99998587
6041 7	8219 8214		8159 8158	
0.99992961	0.99992961		0.99992961	0.99992961
6042 7	7875 8209		8220 7874	
0.99991524	0.99991524		0.99991524	0.99991524
6043 7	7874 8220		8218 7873	
0.99990702	0.99990702		0.99990702	0.99990702
6044 7	8215 8221		8208 8207	
0.9999547	0.9999547		0.9999547	0.9999547
6045 7	8221 8220		8209 8208	
0.99998379	0.99998379		0.99998379	0.99998379
6046 7	8214 8219		8221 8215	
0.999942	0.999942		0.999942	0.999942
6047 7	8219 8218		8220 8221	
0.99996442	0.99996442		0.99996442	0.99996442
6048 7	8226 8227		8222 8223	
0.99995559	0.99995559		0.99995559	0.99995559
6049 7	8227 7913		7912 8222	
0.99994856	0.99994856		0.99994856	0.99994856
6050 7	7767 7768		8227 8226	
0.9999519	0.9999519		0.9999519	0.9999519
6051 7	7768 7769		7913 8227	
0.99995232	0.99995232		0.99995232	0.99995232
6052 7	8223 8224		8228 8226	
0.99994242	0.99994242		0.99994242	0.99994242
6053 7	8226 8228		7766 7767	
0.9999553	0.9999553		0.9999553	0.9999553
6054 7	8202 8229		8225 8203	
0.99997574	0.99997574		0.99997574	0.99997574
6055 7	8229 8228		8224 8225	
0.9999758	0.9999758		0.9999758	0.9999758
6056 7	7764 7765		8229 8202	
0.99995214	0.99995214		0.99995214	0.99995214
6057 7	7765 7766		8228 8229	
0.9999426	0.9999426		0.9999426	0.9999426
6058 7	8230 8232		8165 8164	
0.99989861	0.99989861		0.99989861	0.99989861
6059 7	8232 7910		7909 8165	
0.99986595	0.99986595		0.99986595	0.99986595
6060 7	8231 8233		8232 8230	
0.99988908	0.99988908		0.99988908	0.99988908
6061 7	8233 7911		7910 8232	
0.99987829	0.99987829		0.99987829	0.99987829
6062 7	8223 8222		8233 8231	
0.99991095	0.99991095		0.99991095	0.99991095
6063 7	8222 7912		7911 8233	
0.99991387	0.99991387		0.99991387	0.99991387
6064 7	8205 8234		8162 8161	
0.99990255	0.99990255		0.99990255	0.99990255
6065 7	8234 8235		8163 8162	
0.99988407	0.99988407		0.99988407	0.99988407
6066 7	8235 8230		8164 8163	
0.99988705	0.99988705		0.99988705	0.99988705
6067 7	8203 8225		8236 8204	
0.99995613	0.99995613		0.99995613	0.99995613

6068	7	8204	8236	8234	8205		
	0.9999215		0.9999215		0.9999215	0.9999215	
6069	7	8231	8237	8224	8223		
	0.99993587		0.99993587		0.99993587	0.99993587	
6070	7	8237	8236	8225	8224		
	0.99996066		0.99996066		0.99996066	0.99996066	
6071	7	8230	8235	8237	8231		
	0.99989563		0.99989563		0.99989563	0.99989563	
6072	7	8235	8234	8236	8237		
	0.99991578		0.99991578		0.99991578	0.99991578	
6073	7	8283	8284	8279	8280		
	1.0000865		1.0000865		1.0000865	1.0000865	
6074	7	8284	8275	8276	8279		
	1.0000713		1.0000713		1.0000713	1.0000713	
6075	7	8268	8269	8284	8283		
	1.0000534		1.0000534		1.0000534	1.0000534	
6076	7	8269	8270	8275	8284		
	1.0000734		1.0000734		1.0000734	1.0000734	
6077	7	8280	8281	8285	8283		
	1.0000743		1.0000743		1.0000743	1.0000743	
6078	7	8283	8285	8267	8268		
	1.0000515		1.0000515		1.0000515	1.0000515	
6079	7	8260	8286	8282	8259		
	1.0000623		1.0000623		1.0000623	1.0000623	
6080	7	8286	8285	8281	8282		
	1.0000645		1.0000645		1.0000645	1.0000645	
6081	7	8261	8266	8286	8260		
	1.0000409		1.0000409		1.0000409	1.0000409	
6082	7	8266	8267	8285	8286		
	1.0000343		1.0000343		1.0000343	1.0000343	
6083	7	8287	8289	8243	8244		
	1.0002993		1.0002993		1.0002993	1.0002993	
6084	7	8289	8278	8242	8243		
	1.0002849		1.0002849		1.0002849	1.0002849	
6085	7	8288	8290	8289	8287		
	1.0001519		1.0001519		1.0001519	1.0001519	
6086	7	8290	8277	8278	8289		
	1.0001225		1.0001225		1.0001225	1.0001225	
6087	7	8280	8279	8290	8288		
	1.0000898		1.0000898		1.0000898	1.0000898	
6088	7	8279	8276	8277	8290		
	1.0001228		1.0001228		1.0001228	1.0001228	
6089	7	8257	8291	8246	8247		
	1.000298		1.000298		1.000298	1.000298	
6090	7	8291	8292	8245	8246		
	1.0002902		1.0002902		1.0002902	1.0002902	
6091	7	8292	8287	8244	8245		
	1.0002902		1.0002902		1.0002902	1.0002902	
6092	7	8259	8282	8293	8258		
	1.0000854		1.0000854		1.0000854	1.0000854	
6093	7	8258	8293	8291	8257		
	1.0001321		1.0001321		1.0001321	1.0001321	
6094	7	8288	8294	8281	8280		
	1.0001079		1.0001079		1.0001079	1.0001079	
6095	7	8294	8293	8282	8281		
	1.0000854		1.0000854		1.0000854	1.0000854	
6096	7	8287	8292	8294	8288		
	1.0001358		1.0001358		1.0001358	1.0001358	
6097	7	8292	8291	8293	8294		
	1.0001385		1.0001385		1.0001385	1.0001385	
6098	7	8299	8300	8295	8296		
	1.0000591		1.0000591		1.0000591	1.0000591	
6099	7	8300	7804	7805	8295		

With springback

1.0000408	1.0000408	with springback	1.0000408
6100 7	8273 8274	8300 8299	1.0000676
1.0000676	1.0000676	1.0000676	1.0000676
6101 7	8274 7803	7804 8300	1.0000479
1.0000479	1.0000479	1.0000479	1.0000479
6102 7	8296 8297	8301 8299	1.0000426
1.0000426	1.0000426	1.0000426	1.0000426
6103 7	8299 8301	8272 8273	1.0000567
1.0000567	1.0000567	1.0000567	1.0000567
6104 7	8275 8302	8298 8276	1.0000879
1.0000879	1.0000879	1.0000879	1.0000879
6105 7	8302 8301	8297 8298	1.0000679
1.0000679	1.0000679	1.0000679	1.0000679
6106 7	8270 8271	8302 8275	1.0000575
1.0000575	1.0000575	1.0000575	1.0000575
6107 7	8271 8272	8301 8302	1.0000627
1.0000627	1.0000627	1.0000627	1.0000627
6108 7	8303 8305	8238 8239	1.0010988
1.0010988	1.0010988	1.0010988	1.0010988
6109 7	8305 7807	7808 8238	0.99975026
0.99975026	0.99975026	0.99975026	0.99975026
6110 7	8304 8306	8305 8303	1.00014
1.00014	1.00014	1.00014	1.00014
6111 7	8306 7806	7807 8305	0.99969459
0.99969459	0.99969459	0.99969459	0.99969459
6112 7	8296 8295	8306 8304	0.99993062
0.99993062	0.99993062	0.99993062	0.99993062
6113 7	8295 7805	7806 8306	0.99999845
0.99999845	0.99999845	0.99999845	0.99999845
6114 7	8278 8307	8241 8242	1.0003225
1.0003225	1.0003225	1.0003225	1.0003225
6115 7	8307 8308	8240 8241	1.0003657
1.0003657	1.0003657	1.0003657	1.0003657
6116 7	8308 8303	8239 8240	0.99999785
0.99999785	0.99999785	0.99999785	0.99999785
6117 7	8276 8298	8309 8277	1.0000833
1.0000833	1.0000833	1.0000833	1.0000833
6118 7	8277 8309	8307 8278	1.0001812
1.0001812	1.0001812	1.0001812	1.0001812
6119 7	8304 8310	8297 8296	1.000055
1.000055	1.000055	1.000055	1.000055
6120 7	8310 8309	8298 8297	1.0000867
1.0000867	1.0000867	1.0000867	1.0000867
6121 7	8303 8308	8310 8304	1.0001394
1.0001394	1.0001394	1.0001394	1.0001394
6122 7	8308 8307	8309 8310	1.0000633
1.0000633	1.0000633	1.0000633	1.0000633
6123 7	8319 8320	8315 8316	1.0000317
1.0000317	1.0000317	1.0000317	1.0000317
6124 7	8320 8311	8312 8315	1.0000389
1.0000389	1.0000389	1.0000389	1.0000389
6125 7	7883 7882	8320 8319	1.0000231
1.0000231	1.0000231	1.0000231	1.0000231
6126 7	7882 7881	8311 8320	1.0000266
1.0000266	1.0000266	1.0000266	1.0000266
6127 7	8316 8317	8321 8319	1.0000184
1.0000184	1.0000184	1.0000184	1.0000184
6128 7	8319 8321	7884 7883	1.000012
1.000012	1.000012	1.000012	1.000012
6129 7	8265 8322	8318 8264	0.99999756
0.99999756	0.99999756	0.99999756	0.99999756
6130 7	8322 8321	8317 8318	1.0000015
1.0000015	1.0000015	1.0000015	1.0000015

			With springback		
6131	7	7886	7885	8322	8265
	0.99999923		0.99999923		0.99999923
6132	7	7885	7884	8321	8322
	1.0000008		1.0000008		1.0000008
6133	7	8323	8325	8269	8268
	1.0000528		1.0000528		1.0000528
6134	7	8325	8314	8270	8269
	1.000047		1.000047		1.000047
6135	7	8324	8326	8325	8323
	1.0000371		1.0000371		1.0000371
6136	7	8326	8313	8314	8325
	1.000046		1.000046		1.000046
6137	7	8316	8315	8326	8324
	1.0000298		1.0000298		1.0000298
6138	7	8315	8312	8313	8326
	1.0000385		1.0000385		1.0000385
6139	7	8262	8327	8266	8261
	1.0000179		1.0000179		1.0000179
6140	7	8327	8328	8267	8266
	1.0000318		1.0000318		1.0000318
6141	7	8328	8323	8268	8267
	1.0000283		1.0000283		1.0000283
6142	7	8264	8318	8329	8263
	0.99999768		0.99999768		0.99999768
6143	7	8263	8329	8327	8262
	1.0000095		1.0000095		1.0000095
6144	7	8324	8330	8317	8316
	1.0000099		1.0000099		1.0000099
6145	7	8330	8329	8318	8317
	1.0000101		1.0000101		1.0000101
6146	7	8323	8328	8330	8324
	1.0000286		1.0000286		1.0000286
6147	7	8328	8327	8329	8330
	1.0000199		1.0000199		1.0000199
6148	7	8335	8336	8331	8332
	1.0001247		1.0001247		1.0001247
6149	7	8336	7799	7800	8331
	1.0000948		1.0000948		1.0000948
6150	7	7878	7877	8336	8335
	1.0001054		1.0001054		1.0001054
6151	7	7877	7798	7799	8336
	1.0000974		1.0000974		1.0000974
6152	7	8332	8333	8337	8335
	1.0000923		1.0000923		1.0000923
6153	7	8335	8337	7879	7878
	1.0000838		1.0000838		1.0000838
6154	7	8311	8338	8334	8312
	1.000052		1.000052		1.000052
6155	7	8338	8337	8333	8334
	1.00008		1.00008		1.00008
6156	7	7881	7880	8338	8311
	1.0000495		1.0000495		1.0000495
6157	7	7880	7879	8337	8338
	1.0000635		1.0000635		1.0000635
6158	7	8339	8341	8274	8273
	1.0000854		1.0000854		1.0000854
6159	7	8341	7802	7803	8274
	1.0000676		1.0000676		1.0000676
6160	7	8340	8342	8341	8339
	1.0001059		1.0001059		1.0001059
6161	7	8342	7801	7802	8341
	1.0000861		1.0000861		1.0000861
6162	7	8332	8331	8342	8340

1.0000999	1.0000999	with springback	1.0000999
6163 7	8331 7800	7801 8342	1.0000999
1.0000894	1.0000894	1.0000894	1.0000894
6164 7	8314 8343	8271 8270	1.0000623
1.0000623	1.0000623	1.0000623	1.0000623
6165 7	8343 8344	8272 8271	1.0000563
1.0000563	1.0000563	1.0000563	1.0000563
6166 7	8344 8339	8273 8272	1.0000684
1.0000684	1.0000684	1.0000684	1.0000684
6167 7	8312 8334	8345 8313	1.0000521
1.0000521	1.0000521	1.0000521	1.0000521
6168 7	8313 8345	8343 8314	1.0000536
1.0000536	1.0000536	1.0000536	1.0000536
6169 7	8340 8346	8333 8332	1.0000787
1.0000787	1.0000787	1.0000787	1.0000787
6170 7	8346 8345	8334 8333	1.0000644
1.0000644	1.0000644	1.0000644	1.0000644
6171 7	8339 8344	8346 8340	1.0000867
1.0000867	1.0000867	1.0000867	1.0000867
6172 7	8344 8343	8345 8346	1.0000695
1.0000695	1.0000695	1.0000695	1.0000695
6173 7	8364 8365	8360 8361	1.0000744
1.0000744	1.0000744	1.0000744	1.0000744
6174 7	8365 8356	8357 8360	1.0000923
1.0000923	1.0000923	1.0000923	1.0000923
6175 7	8349 8350	8365 8364	1.0000559
1.0000559	1.0000559	1.0000559	1.0000559
6176 7	8350 8351	8356 8365	1.0000522
1.0000522	1.0000522	1.0000522	1.0000522
6177 7	8361 8362	8366 8364	1.0000335
1.0000335	1.0000335	1.0000335	1.0000335
6178 7	8364 8366	8348 8349	1.0000665
1.0000665	1.0000665	1.0000665	1.0000665
6179 7	7852 8367	8363 7851	1.0000453
1.0000453	1.0000453	1.0000453	1.0000453
6180 7	8367 8366	8362 8363	1.000057
1.000057	1.000057	1.000057	1.000057
6181 7	7853 8347	8367 7852	1.0000684
1.0000684	1.0000684	1.0000684	1.0000684
6182 7	8347 8348	8366 8367	1.0000726
1.0000726	1.0000726	1.0000726	1.0000726
6183 7	8368 8370	8253 8254	1.0003916
1.0003916	1.0003916	1.0003916	1.0003916
6184 7	8370 8359	8252 8253	1.0003487
1.0003487	1.0003487	1.0003487	1.0003487
6185 7	8369 8371	8370 8368	1.000078
1.000078	1.000078	1.000078	1.000078
6186 7	8371 8358	8359 8370	1.0001913
1.0001913	1.0001913	1.0001913	1.0001913
6187 7	8361 8360	8371 8369	1.0001191
1.0001191	1.0001191	1.0001191	1.0001191
6188 7	8360 8357	8358 8371	1.0000798
1.0000798	1.0000798	1.0000798	1.0000798
6189 7	7849 8372	8256 7848	0.99977285
0.99977285	0.99977285	0.99977285	0.99977285
6190 7	8372 8373	8255 8256	1.0011475
1.0011475	1.0011475	1.0011475	1.0011475
6191 7	8373 8368	8254 8255	1.0000144
1.0000144	1.0000144	1.0000144	1.0000144
6192 7	7851 8363	8374 7850	0.99999976
0.99999976	0.99999976	0.99999976	0.99999976
6193 7	7850 8374	8372 7849	0.999672
0.999672	0.999672	0.999672	0.999672

6194	7	8369	8375	8362	8361	
	1.0000582		1.0000582		1.0000582	1.0000582
6195	7	8375	8374	8363	8362	
	0.99993503		0.99993503		0.99993503	0.99993503
6196	7	8368	8373	8375	8369	
	1.0001628		1.0001628		1.0001628	1.0001628
6197	7	8373	8372	8374	8375	
	1.0001433		1.0001433		1.0001433	1.0001433
6198	7	8380	8381	8376	8377	
	1.0000662		1.0000662		1.0000662	1.0000662
6199	7	8381	8260	8259	8376	
	1.000053		1.000053		1.000053	1.000053
6200	7	8354	8355	8381	8380	
	1.0000365		1.0000365		1.0000365	1.0000365
6201	7	8355	8261	8260	8381	
	1.0000399		1.0000399		1.0000399	1.0000399
6202	7	8377	8378	8382	8380	
	1.0000601		1.0000601		1.0000601	1.0000601
6203	7	8380	8382	8353	8354	
	1.0000458		1.0000458		1.0000458	1.0000458
6204	7	8356	8383	8379	8357	
	1.0000634		1.0000634		1.0000634	1.0000634
6205	7	8383	8382	8378	8379	
	1.0000871		1.0000871		1.0000871	1.0000871
6206	7	8351	8352	8383	8356	
	1.0000604		1.0000604		1.0000604	1.0000604
6207	7	8352	8353	8382	8383	
	1.0000446		1.0000446		1.0000446	1.0000446
6208	7	8384	8386	8248	8249	
	1.0003153		1.0003153		1.0003153	1.0003153
6209	7	8386	8257	8247	8248	
	1.0003146		1.0003146		1.0003146	1.0003146
6210	7	8385	8387	8386	8384	
	1.0001327		1.0001327		1.0001327	1.0001327
6211	7	8387	8258	8257	8386	
	1.000137		1.000137		1.000137	1.000137
6212	7	8377	8376	8387	8385	
	1.0000893		1.0000893		1.0000893	1.0000893
6213	7	8376	8259	8258	8387	
	1.0000774		1.0000774		1.0000774	1.0000774
6214	7	8359	8388	8251	8252	
	1.0003066		1.0003066		1.0003066	1.0003066
6215	7	8388	8389	8250	8251	
	1.0003189		1.0003189		1.0003189	1.0003189
6216	7	8389	8384	8249	8250	
	1.0003113		1.0003113		1.0003113	1.0003113
6217	7	8357	8379	8390	8358	
	1.0001131		1.0001131		1.0001131	1.0001131
6218	7	8358	8390	8388	8359	
	1.0001124		1.0001124		1.0001124	1.0001124
6219	7	8385	8391	8378	8377	
	1.0001028		1.0001028		1.0001028	1.0001028
6220	7	8391	8390	8379	8378	
	1.000087		1.000087		1.000087	1.000087
6221	7	8384	8389	8391	8385	
	1.0001515		1.0001515		1.0001515	1.0001515
6222	7	8389	8388	8390	8391	
	1.0001588		1.0001588		1.0001588	1.0001588
6223	7	8400	8401	8396	8397	
	1.0000621		1.0000621		1.0000621	1.0000621
6224	7	8401	8392	8393	8396	
	1.000042		1.000042		1.000042	1.000042
6225	7	7893	7892	8401	8400	

With springback

1.0000532	1.0000532	with springback	1.0000532
6226 7	7892 7891	8392 8401	1.0000532
1.0000407	1.0000407	1.0000407	1.0000407
6227 7	8397 8398	8402 8400	1.0000914
1.0000914	1.0000914	1.0000914	1.0000914
6228 7	8400 8402	7894 7893	1.0000824
1.0000824	1.0000824	1.0000824	1.0000824
6229 7	7857 8403	8399 7856	1.0001136
1.0001136	1.0001136	1.0001136	1.0001136
6230 7	8403 8402	8398 8399	1.0001309
1.0001309	1.0001309	1.0001309	1.0001309
6231 7	7858 7895	8403 7857	1.000116
1.000116	1.000116	1.000116	1.000116
6232 7	7895 7894	8402 8403	1.0001242
1.0001242	1.0001242	1.0001242	1.0001242
6233 7	8404 8406	8350 8349	1.0000595
1.0000595	1.0000595	1.0000595	1.0000595
6234 7	8406 8395	8351 8350	1.0000471
1.0000471	1.0000471	1.0000471	1.0000471
6235 7	8405 8407	8406 8404	1.0000597
1.0000597	1.0000597	1.0000597	1.0000597
6236 7	8407 8394	8395 8406	1.0000397
1.0000397	1.0000397	1.0000397	1.0000397
6237 7	8397 8396	8407 8405	1.0000594
1.0000594	1.0000594	1.0000594	1.0000594
6238 7	8396 8393	8394 8407	1.000034
1.000034	1.000034	1.000034	1.000034
6239 7	7854 8408	8347 7853	1.0000786
1.0000786	1.0000786	1.0000786	1.0000786
6240 7	8408 8409	8348 8347	1.0001003
1.0001003	1.0001003	1.0001003	1.0001003
6241 7	8409 8404	8349 8348	1.0000597
1.0000597	1.0000597	1.0000597	1.0000597
6242 7	7856 8399	8410 7855	1.0000998
1.0000998	1.0000998	1.0000998	1.0000998
6243 7	7855 8410	8408 7854	1.0001072
1.0001072	1.0001072	1.0001072	1.0001072
6244 7	8405 8411	8398 8397	1.0000768
1.0000768	1.0000768	1.0000768	1.0000768
6245 7	8411 8410	8399 8398	1.0001045
1.0001045	1.0001045	1.0001045	1.0001045
6246 7	8404 8409	8411 8405	1.0000836
1.0000836	1.0000836	1.0000836	1.0000836
6247 7	8409 8408	8410 8411	1.0001026
1.0001026	1.0001026	1.0001026	1.0001026
6248 7	8416 8417	8412 8413	0.99999601
0.99999601	0.99999601	0.99999601	0.99999601
6249 7	8417 8265	8264 8412	0.99999708
0.99999708	0.99999708	0.99999708	0.99999708
6250 7	7888 7887	8417 8416	0.99999577
0.99999577	0.99999577	0.99999577	0.99999577
6251 7	7887 7886	8265 8417	0.99998802
0.99998802	0.99998802	0.99998802	0.99998802
6252 7	8413 8414	8418 8416	1.0000021
1.0000021	1.0000021	1.0000021	1.0000021
6253 7	8416 8418	7889 7888	0.99999762
0.99999762	0.99999762	0.99999762	0.99999762
6254 7	8392 8419	8415 8393	1.0000207
1.0000207	1.0000207	1.0000207	1.0000207
6255 7	8419 8418	8414 8415	1.0000148
1.0000148	1.0000148	1.0000148	1.0000148
6256 7	7891 7890	8419 8392	1.0000075
1.0000075	1.0000075	1.0000075	1.0000075

6257	7	7890	7889	8418	8419		
	1.0000139		1.0000139		1.0000139	1.0000139	
6258	7	8420	8422	8355	8354		
	1.0000322		1.0000322		1.0000322	1.0000322	
6259	7	8422	8262	8261	8355		
	1.0000162		1.0000162		1.0000162	1.0000162	
6260	7	8421	8423	8422	8420		
	1.0000135		1.0000135		1.0000135	1.0000135	
6261	7	8423	8263	8262	8422		
	1.0000104		1.0000104		1.0000104	1.0000104	
6262	7	8413	8412	8423	8421		
	0.99999934		0.99999934		0.99999934	0.99999934	
6263	7	8412	8264	8263	8423		
	0.99999422		0.99999422		0.99999422	0.99999422	
6264	7	8395	8424	8352	8351		
	1.0000333		1.0000333		1.0000333	1.0000333	
6265	7	8424	8425	8353	8352		
	1.0000416		1.0000416		1.0000416	1.0000416	
6266	7	8425	8420	8354	8353		
	1.0000198		1.0000198		1.0000198	1.0000198	
6267	7	8393	8415	8426	8394		
	1.0000211		1.0000211		1.0000211	1.0000211	
6268	7	8394	8426	8424	8395		
	1.0000356		1.0000356		1.0000356	1.0000356	
6269	7	8421	8427	8414	8413		
	1.0000086		1.0000086		1.0000086	1.0000086	
6270	7	8427	8426	8415	8414		
	1.0000156		1.0000156		1.0000156	1.0000156	
6271	7	8420	8425	8427	8421		
	1.000019		1.000019		1.000019	1.000019	
6272	7	8425	8424	8426	8427		
	1.0000277		1.0000277		1.0000277	1.0000277	
6273	7	8454	8455	8450	8451		
	0.99992031		0.99992031		0.99992031	0.99992031	
6274	7	8455	8446	8447	8450		
	0.99994242		0.99994242		0.99994242	0.99994242	
6275	7	8439	8440	8455	8454		
	0.99990857		0.99990857		0.99990857	0.99990857	
6276	7	8440	8441	8446	8455		
	0.99990743		0.99990743		0.99990743	0.99990743	
6277	7	8451	8452	8456	8454		
	0.99988842		0.99988842		0.99988842	0.99988842	
6278	7	8454	8456	8438	8439		
	0.99988985		0.99988985		0.99988985	0.99988985	
6279	7	8431	8457	8453	8430		
	0.99988192		0.99988192		0.99988192	0.99988192	
6280	7	8457	8456	8452	8453		
	0.99986798		0.99986798		0.99986798	0.99986798	
6281	7	8432	8437	8457	8431		
	0.99985021		0.99985021		0.99985021	0.99985021	
6282	7	8437	8438	8456	8457		
	0.99988264		0.99988264		0.99988264	0.99988264	
6283	7	8458	8460	7824	7825		
	0.99993008		0.99993008		0.99993008	0.99993008	
6284	7	8460	8449	7823	7824		
	0.99992883		0.99992883		0.99992883	0.99992883	
6285	7	8459	8461	8460	8458		
	0.99997681		0.99997681		0.99997681	0.99997681	
6286	7	8461	8448	8449	8460		
	0.99994749		0.99994749		0.99994749	0.99994749	
6287	7	8451	8450	8461	8459		
	0.9999581		0.9999581		0.9999581	0.9999581	
6288	7	8450	8447	8448	8461		

With springback

0.99995995	0.99995995	with springback	0.99995995
6289 7	8428 8462	7827 7828	0.99995345
0.99995345	0.99995345	0.99995345	0.99995345
6290 7	8462 8463	7826 7827	0.9999525
0.9999525	0.9999525	0.9999525	0.9999525
6291 7	8463 8458	7825 7826	0.99994427
0.99994427	0.99994427	0.99994427	0.99994427
6292 7	8430 8453	8464 8429	0.9998824
0.9998824	0.9998824	0.9998824	0.9998824
6293 7	8429 8464	8462 8428	0.99989784
0.99989784	0.99989784	0.99989784	0.99989784
6294 7	8459 8465	8452 8451	0.99993634
0.99993634	0.99993634	0.99993634	0.99993634
6295 7	8465 8464	8453 8452	0.99991202
0.99991202	0.99991202	0.99991202	0.99991202
6296 7	8458 8463	8465 8459	0.99997181
0.99997181	0.99997181	0.99997181	0.99997181
6297 7	8463 8462	8464 8465	0.99997407
0.99997407	0.99997407	0.99997407	0.99997407
6298 7	8470 8471	8466 8467	0.99996608
0.99996608	0.99996608	0.99996608	0.99996608
6299 7	8471 7814	7815 8466	0.99987614
0.99987614	0.99987614	0.99987614	0.99987614
6300 7	8444 8445	8471 8470	0.99997354
0.99997354	0.99997354	0.99997354	0.99997354
6301 7	8445 7813	7814 8471	0.99987453
0.99987453	0.99987453	0.99987453	0.99987453
6302 7	8467 8468	8472 8470	0.99995118
0.99995118	0.99995118	0.99995118	0.99995118
6303 7	8470 8472	8443 8444	0.99995071
0.99995071	0.99995071	0.99995071	0.99995071
6304 7	8446 8473	8469 8447	0.99992496
0.99992496	0.99992496	0.99992496	0.99992496
6305 7	8473 8472	8468 8469	0.99992365
0.99992365	0.99992365	0.99992365	0.99992365
6306 7	8441 8442	8473 8446	0.99994755
0.99994755	0.99994755	0.99994755	0.99994755
6307 7	8442 8443	8472 8473	0.99994677
0.99994677	0.99994677	0.99994677	0.99994677
6308 7	8474 8476	7819 7820	0.99994242
0.99994242	0.99994242	0.99994242	0.99994242
6309 7	8476 7817	7818 7819	0.99991775
0.99991775	0.99991775	0.99991775	0.99991775
6310 7	8475 8477	8476 8474	0.99998033
0.99998033	0.99998033	0.99998033	0.99998033
6311 7	8477 7816	7817 8476	0.99992245
0.99992245	0.99992245	0.99992245	0.99992245
6312 7	8467 8466	8477 8475	0.99998933
0.99998933	0.99998933	0.99998933	0.99998933
6313 7	8466 7815	7816 8477	0.99988818
0.99988818	0.99988818	0.99988818	0.99988818
6314 7	8449 8478	7822 7823	0.99990368
0.99990368	0.99990368	0.99990368	0.99990368
6315 7	8478 8479	7821 7822	0.99992633
0.99992633	0.99992633	0.99992633	0.99992633
6316 7	8479 8474	7820 7821	0.99989426
0.99989426	0.99989426	0.99989426	0.99989426
6317 7	8447 8469	8480 8448	0.99994481
0.99994481	0.99994481	0.99994481	0.99994481
6318 7	8448 8480	8478 8449	0.99997073
0.99997073	0.99997073	0.99997073	0.99997073
6319 7	8475 8481	8468 8467	0.99996877
0.99996877	0.99996877	0.99996877	0.99996877

6320	7	8481	8480	8469	8468	
0.99993819		0.99993819		0.99993819		0.99993819
6321	7	8474	8479	8481	8475	
0.99993014		0.99993014		0.99993014		0.99993014
6322	7	8479	8478	8480	8481	
0.99994987		0.99994987		0.99994987		0.99994987
6323	7	8490	8491	8486	8487	
0.99991035		0.99991035		0.99991035		0.99991035
6324	7	8491	8482	8483	8486	
0.99987066		0.99987066		0.99987066		0.99987066
6325	7	8244	8243	8491	8490	
1.0000825		1.0000825		1.0000825		1.0000825
6326	7	8243	8242	8482	8491	
1.0000676		1.0000676		1.0000676		1.0000676
6327	7	8487	8488	8492	8490	
0.99989992		0.99989992		0.99989992		0.99989992
6328	7	8490	8492	8245	8244	
1.0000783		1.0000783		1.0000783		1.0000783
6329	7	8436	8493	8489	8435	
0.99989998		0.99989998		0.99989998		0.99989998
6330	7	8493	8492	8488	8489	
0.99990451		0.99990451		0.99990451		0.99990451
6331	7	8247	8246	8493	8436	
1.0000829		1.0000829		1.0000829		1.0000829
6332	7	8246	8245	8492	8493	
1.0000669		1.0000669		1.0000669		1.0000669
6333	7	8494	8496	8440	8439	
0.99987006		0.99987006		0.99987006		0.99987006
6334	7	8496	8485	8441	8440	
0.9999091		0.9999091		0.9999091		0.9999091
6335	7	8495	8497	8496	8494	
0.9999243		0.9999243		0.9999243		0.9999243
6336	7	8497	8484	8485	8496	
0.999883		0.999883		0.999883		0.999883
6337	7	8487	8486	8497	8495	
0.99988806		0.99988806		0.99988806		0.99988806
6338	7	8486	8483	8484	8497	
0.9999181		0.9999181		0.9999181		0.9999181
6339	7	8433	8498	8437	8432	
0.99983817		0.99983817		0.99983817		0.99983817
6340	7	8498	8499	8438	8437	
0.99986279		0.99986279		0.99986279		0.99986279
6341	7	8499	8494	8439	8438	
0.99988163		0.99988163		0.99988163		0.99988163
6342	7	8435	8489	8500	8434	
0.99985445		0.99985445		0.99985445		0.99985445
6343	7	8434	8500	8498	8433	
0.99985731		0.99985731		0.99985731		0.99985731
6344	7	8495	8501	8488	8487	
0.99990368		0.99990368		0.99990368		0.99990368
6345	7	8501	8500	8489	8488	
0.99988389		0.99988389		0.99988389		0.99988389
6346	7	8494	8499	8501	8495	
0.99988776		0.99988776		0.99988776		0.99988776
6347	7	8499	8498	8500	8501	
0.99986631		0.99986631		0.99986631		0.99986631
6348	7	8506	8507	8502	8503	
0.99980521		0.99980521		0.99980521		0.99980521
6349	7	8507	7809	7810	8502	
0.99944592		0.99944592		0.99944592		0.99944592
6350	7	8239	8238	8507	8506	
1.0009662		1.0009662		1.0009662		1.0009662
6351	7	8238	7808	7809	8507	

With springback

0.9995479	0.9995479	with springback	0.9995479
6352 7	8503 8504	8508 8506	0.9995479
1.0000027	1.0000027	1.0000027	1.0000027
6353 7	8506 8508	8240 8239	0.99987727
0.99987727	0.99987727	0.99987727	0.99987727
6354 7	8482 8509	8505 8483	0.99993747
0.99993747	0.99993747	0.99993747	0.99993747
6355 7	8509 8508	8504 8505	0.99983054
0.99983054	0.99983054	0.99983054	0.99983054
6356 7	8242 8241	8509 8482	1.0001335
1.0001335	1.0001335	1.0001335	1.0001335
6357 7	8241 8240	8508 8509	1.0001563
1.0001563	1.0001563	1.0001563	1.0001563
6358 7	8510 8512	8445 8444	0.99992007
0.99992007	0.99992007	0.99992007	0.99992007
6359 7	8512 7812	7813 8445	0.99986631
0.99986631	0.99986631	0.99986631	0.99986631
6360 7	8511 8513	8512 8510	0.99992836
0.99992836	0.99992836	0.99992836	0.99992836
6361 7	8513 7811	7812 8512	0.99983734
0.99983734	0.99983734	0.99983734	0.99983734
6362 7	8503 8502	8513 8511	0.99983078
0.99983078	0.99983078	0.99983078	0.99983078
6363 7	8502 7810	7811 8513	0.99978232
0.99978232	0.99978232	0.99978232	0.99978232
6364 7	8485 8514	8442 8441	0.99991584
0.99991584	0.99991584	0.99991584	0.99991584
6365 7	8514 8515	8443 8442	0.99995303
0.99995303	0.99995303	0.99995303	0.99995303
6366 7	8515 8510	8444 8443	0.99991393
0.99991393	0.99991393	0.99991393	0.99991393
6367 7	8483 8505	8516 8484	0.99984318
0.99984318	0.99984318	0.99984318	0.99984318
6368 7	8484 8516	8514 8485	0.99994123
0.99994123	0.99994123	0.99994123	0.99994123
6369 7	8511 8517	8504 8503	0.99984986
0.99984986	0.99984986	0.99984986	0.99984986
6370 7	8517 8516	8505 8504	0.99996978
0.99996978	0.99996978	0.99996978	0.99996978
6371 7	8510 8515	8517 8511	0.99991679
0.99991679	0.99991679	0.99991679	0.99991679
6372 7	8515 8514	8516 8517	0.99991411
0.99991411	0.99991411	0.99991411	0.99991411
6373 7	8535 8536	8531 8532	0.99992007
0.99992007	0.99992007	0.99992007	0.99992007
6374 7	8536 8527	8528 8531	0.99990249
0.99990249	0.99990249	0.99990249	0.99990249
6375 7	8520 8521	8536 8535	0.99993736
0.99993736	0.99993736	0.99993736	0.99993736
6376 7	8521 8522	8527 8536	0.99992532
0.99992532	0.99992532	0.99992532	0.99992532
6377 7	8532 8533	8537 8535	0.99995559
0.99995559	0.99995559	0.99995559	0.99995559
6378 7	8535 8537	8519 8520	0.99994355
0.99994355	0.99994355	0.99994355	0.99994355
6379 7	7842 8538	8534 7841	0.99987918
0.99987918	0.99987918	0.99987918	0.99987918
6380 7	8538 8537	8533 8534	0.99996364
0.99996364	0.99996364	0.99996364	0.99996364
6381 7	7843 8518	8538 7842	0.99987996
0.99987996	0.99987996	0.99987996	0.99987996
6382 7	8518 8519	8537 8538	0.99998301
0.99998301	0.99998301	0.99998301	0.99998301

6383	7	8539	8541	7834	7835	
0.99993587		0.99993587		0.99993587		0.99993587
6384	7	8541	8530	7833	7834	
0.99991983		0.99991983		0.99991983		0.99991983
6385	7	8540	8542	8541	8539	
0.99994582		0.99994582		0.99994582		0.99994582
6386	7	8542	8529	8530	8541	
0.99996728		0.99996728		0.99996728		0.99996728
6387	7	8532	8531	8542	8540	
0.99991703		0.99991703		0.99991703		0.99991703
6388	7	8531	8528	8529	8542	
0.99993414		0.99993414		0.99993414		0.99993414
6389	7	7839	8543	7837	7838	
0.99992448		0.99992448		0.99992448		0.99992448
6390	7	8543	8544	7836	7837	
0.9999488		0.9999488		0.9999488		0.9999488
6391	7	8544	8539	7835	7836	
0.99990028		0.99990028		0.99990028		0.99990028
6392	7	7841	8534	8545	7840	
0.99989712		0.99989712		0.99989712		0.99989712
6393	7	7840	8545	8543	7839	
0.9999302		0.9999302		0.9999302		0.9999302
6394	7	8540	8546	8533	8532	
0.99995255		0.99995255		0.99995255		0.99995255
6395	7	8546	8545	8534	8533	
0.99998927		0.99998927		0.99998927		0.99998927
6396	7	8539	8544	8546	8540	
0.99992704		0.99992704		0.99992704		0.99992704
6397	7	8544	8543	8545	8546	
0.99998075		0.99998075		0.99998075		0.99998075
6398	7	8551	8552	8547	8548	
0.99985963		0.99985963		0.99985963		0.99985963
6399	7	8552	8431	8430	8547	
0.99986744		0.99986744		0.99986744		0.99986744
6400	7	8525	8526	8552	8551	
0.99987286		0.99987286		0.99987286		0.99987286
6401	7	8526	8432	8431	8552	
0.99983859		0.99983859		0.99983859		0.99983859
6402	7	8548	8549	8553	8551	
0.99987084		0.99987084		0.99987084		0.99987084
6403	7	8551	8553	8524	8525	
0.99987119		0.99987119		0.99987119		0.99987119
6404	7	8527	8554	8550	8528	
0.99992323		0.99992323		0.99992323		0.99992323
6405	7	8554	8553	8549	8550	
0.99990022		0.99990022		0.99990022		0.99990022
6406	7	8522	8523	8554	8527	
0.99988258		0.99988258		0.99988258		0.99988258
6407	7	8523	8524	8553	8554	
0.99989009		0.99989009		0.99989009		0.99989009
6408	7	8555	8557	7829	7830	
0.9999482		0.9999482		0.9999482		0.9999482
6409	7	8557	8428	7828	7829	
0.99995571		0.99995571		0.99995571		0.99995571
6410	7	8556	8558	8557	8555	
0.99996841		0.99996841		0.99996841		0.99996841
6411	7	8558	8429	8428	8557	
0.99989593		0.99989593		0.99989593		0.99989593
6412	7	8548	8547	8558	8556	
0.99990654		0.99990654		0.99990654		0.99990654
6413	7	8547	8430	8429	8558	
0.99989134		0.99989134		0.99989134		0.99989134
6414	7	8530	8559	7832	7833	

With springback

0.99993747	0.99993747	with springback	0.99993747
6415 7	8559 8560	7831 7832	0.99994397
0.99994397	0.99994397	0.99994397	0.99994397
6416 7	8560 8555	7830 7831	0.99995673
0.99995673	0.99995673	0.99995673	0.99995673
6417 7	8528 8550	8561 8529	0.99995643
0.99995643	0.99995643	0.99995643	0.99995643
6418 7	8529 8561	8559 8530	0.99994195
0.99994195	0.99994195	0.99994195	0.99994195
6419 7	8556 8562	8549 8548	0.99992567
0.99992567	0.99992567	0.99992567	0.99992567
6420 7	8562 8561	8550 8549	0.99994785
0.99994785	0.99994785	0.99994785	0.99994785
6421 7	8555 8560	8562 8556	0.9999733
0.9999733	0.9999733	0.9999733	0.9999733
6422 7	8560 8559	8561 8562	0.99997157
0.99997157	0.99997157	0.99997157	0.99997157
6423 7	8571 8572	8567 8568	0.99983776
0.99983776	0.99983776	0.99983776	0.99983776
6424 7	8572 8563	8564 8567	0.99997258
0.99997258	0.99997258	0.99997258	0.99997258
6425 7	8254 8253	8572 8571	1.0002034
1.0002034	1.0002034	1.0002034	1.0002034
6426 7	8253 8252	8563 8572	1.0001463
1.0001463	1.0001463	1.0001463	1.0001463
6427 7	8568 8569	8573 8571	1.0000356
1.0000356	1.0000356	1.0000356	1.0000356
6428 7	8571 8573	8255 8254	0.99988443
0.99988443	0.99988443	0.99988443	0.99988443
6429 7	7847 8574	8570 7846	0.99941772
0.99941772	0.99941772	0.99941772	0.99941772
6430 7	8574 8573	8569 8570	0.99978471
0.99978471	0.99978471	0.99978471	0.99978471
6431 7	7848 8256	8574 7847	0.99949229
0.99949229	0.99949229	0.99949229	0.99949229
6432 7	8256 8255	8573 8574	1.0010515
1.0010515	1.0010515	1.0010515	1.0010515
6433 7	8575 8577	8521 8520	0.99993366
0.99993366	0.99993366	0.99993366	0.99993366
6434 7	8577 8566	8522 8521	0.99989265
0.99989265	0.99989265	0.99989265	0.99989265
6435 7	8576 8578	8577 8575	0.99990141
0.99990141	0.99990141	0.99990141	0.99990141
6436 7	8578 8565	8566 8577	0.99993646
0.99993646	0.99993646	0.99993646	0.99993646
6437 7	8568 8567	8578 8576	0.99997979
0.99997979	0.99997979	0.99997979	0.99997979
6438 7	8567 8564	8565 8578	0.999834
0.999834	0.999834	0.999834	0.999834
6439 7	7844 8579	8518 7843	0.99987036
0.99987036	0.99987036	0.99987036	0.99987036
6440 7	8579 8580	8519 8518	0.99991113
0.99991113	0.99991113	0.99991113	0.99991113
6441 7	8580 8575	8520 8519	0.99990302
0.99990302	0.99990302	0.99990302	0.99990302
6442 7	7846 8570	8581 7845	0.99980062
0.99980062	0.99980062	0.99980062	0.99980062
6443 7	7845 8581	8579 7844	0.99983102
0.99983102	0.99983102	0.99983102	0.99983102
6444 7	8576 8582	8569 8568	0.99984592
0.99984592	0.99984592	0.99984592	0.99984592
6445 7	8582 8581	8570 8569	0.99981433
0.99981433	0.99981433	0.99981433	0.99981433

			With springback	
6446	7	8575	8580	8582
	0.99990261		0.99990261	8576
6447	7	8580	8579	8581
	0.99992275		0.99992275	8582
6448	7	8587	8588	8583
	0.9999088		0.9999088	8584
6449	7	8588	8436	8435
	0.99988663		0.99988663	8583
6450	7	8249	8248	8588
	1.0000688		1.0000688	8587
6451	7	8248	8247	8436
	1.0000863		1.0000863	8588
6452	7	8584	8585	8589
	0.99991882		0.99991882	8587
6453	7	8587	8589	8250
	1.0000919		1.0000919	8249
6454	7	8563	8590	8586
	0.99987346		0.99987346	8564
6455	7	8590	8589	8585
	0.99994212		0.99994212	8586
6456	7	8252	8251	8590
	1.0000752		1.0000752	8563
6457	7	8251	8250	8589
	1.000103		1.000103	8590
6458	7	8591	8593	8526
	0.999843		0.999843	8525
6459	7	8593	8433	8432
	0.99981928		0.99981928	8526
6460	7	8592	8594	8593
	0.99986672		0.99986672	8591
6461	7	8594	8434	8433
	0.99985474		0.99985474	8593
6462	7	8584	8583	8594
	0.99987537		0.99987537	8592
6463	7	8583	8435	8434
	0.99986303		0.99986303	8594
6464	7	8566	8595	8523
	0.99988836		0.99988836	8522
6465	7	8595	8596	8524
	0.99985993		0.99985993	8523
6466	7	8596	8591	8525
	0.99986941		0.99986941	8524
6467	7	8564	8586	8597
	0.99991643		0.99991643	8565
6468	7	8565	8597	8595
	0.99986285		0.99986285	8566
6469	7	8592	8598	8585
	0.99990726		0.99990726	8584
6470	7	8598	8597	8586
	0.99988317		0.99988317	8585
6471	7	8591	8596	8598
	0.99987483		0.99987483	8592
6472	7	8596	8595	8597
	0.99991465		0.99991465	8598

*END