Appendix J

Test Case - Preload - Material B

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Summary of Preload Achieved

Bolt	Axial Stress	Bolt	Axial Stress
01 (Bolt 14)	17.30 ksi	13 (Bolt 48)	42.10 ksi
02 (Bolt 15)	15.58 ksi	14 (Bolt 49)	25.13 ksi
03 (Bolt 16)	9.23 ksi	15 (Bolt 50)	38.83 ksi
04 (Bolt 17)	8.15 ksi	16 (Bolt 51)	31.76 ksi
05 (Bolt 34)	47.48 ksi	17 (Bolt 55)	32.30 ksi
06 (Bolt 35)	50.15 ksi	18 (Bolt 56)	26.06 ksi
07 (Bolt 36)	44.73 ksi		
08 (Bolt 37)	1.35 ksi		
09 (Bolt 41)	6.12 ksi		
10 (Bolt 42)	2.45 ksi		
11 (Bolt 43)	10.46 ksi		
12 (Bolt 44)	22.94 ksi		

CLAMP BOLTS

Item J-02 : Table: Summary of Preload Achieved

```
***   Program  VOL_HIS   ***
Read displacements from run EXT_NOPRELOAD_B_C
Output file ID = VOL_HIS_NOPRELOAD_B
     Time  Pressure          Time  Pressure          Time  Pressure
   0.0000  0.00000E+00     0.0200  0.00000E+00     0.0800   300.00
   1.0000   300.00         2.0000   300.00     10000.0000   300.00
Read element and area from MODEL.AREA
Read element/surface definition from MODEL.FACE
Max. displacement at node       85418
Number of elts to be processed (.AREA file):         519
Total area (A_total) :   239.5448
Number of elts in the .FACE file :         519
Volume calculation based on displacement U3

V = Sum_of_(Ui*Ai),  where Ui=Ave. displ of elt.   Ai=elt. area

Vc=U_ 85418*A_total
```

Time	Pressure	V	Vc	V/Vc	U_ 85418
1.0000E-02	0.0000E+00	0.9611	0.9806	0.9801	4.0935E-03
2.0000E-02	0.0000E+00	1.519	1.648	0.9216	6.8800E-03
2.4000E-02	20.00	3.306	3.609	0.9159	1.5067E-02
2.8000E-02	40.00	10.52	16.63	0.6326	6.9443E-02
3.2000E-02	60.00	13.50	30.06	0.4490	0.1255
3.6000E-02	80.00	18.40	36.36	0.5061	0.1518
4.0000E-02	100.0	23.32	37.18	0.6272	0.1552
4.2000E-02	110.0	25.42	47.12	0.5394	0.1967
4.4000E-02	120.0	27.86	52.56	0.5301	0.2194
4.6000E-02	130.0	30.52	52.44	0.5820	0.2189
4.8000E-02	140.0	33.25	61.44	0.5412	0.2565
5.0000E-02	150.0	35.97	79.74	0.4510	0.3329
5.2000E-02	160.0	38.82	89.54	0.4336	0.3738
5.4000E-02	170.0	42.33	106.8	0.3962	0.4460
5.6000E-02	180.0	46.62	110.8	0.4209	0.4624
5.8000E-02	190.0	51.62	103.9	0.4967	0.4338
6.0000E-02	200.0	57.53	101.3	0.5681	0.4227
6.2000E-02	210.0	64.62	107.5	0.6012	0.4487
6.4000E-02	220.0	73.83	132.0	0.5594	0.5510
6.6000E-02	230.0	86.43	163.0	0.5304	0.6803
6.8000E-02	240.0	103.6	209.1	0.4956	0.8727
7.0000E-02	250.0	125.5	235.4	0.5332	0.9829
7.2000E-02	260.0	152.3	284.6	0.5350	1.188
7.4000E-02	270.0	193.7	383.8	0.5048	1.602
7.6000E-02	280.0	261.7	489.9	0.5342	2.045
7.6860E-02	284.3	298.5	556.5	0.5365	2.323

* FIRST BOLT FAILURE

Item J-03 : Table: Volume History Output

```
**
**
** XY REPORT :
** ===========
**
**
**                    U3_15873
**     TIME          Variable U3
**--------------   --------------
     1.0000E-02      4.6598E-06
     2.0000E-02     -7.9848E-04
     2.4000E-02      1.0088E-02
     2.8000E-02      6.0971E-02
     3.2000E-02      8.2081E-02
     3.6000E-02        0.1166
     4.0000E-02        0.1528
     4.2000E-02        0.1677
     4.4000E-02        0.1849
     4.6000E-02        0.2043
     4.8000E-02        0.2239
     5.0000E-02        0.2434
     5.2000E-02        0.2644
     5.4000E-02        0.2899
     5.6000E-02        0.3209
     5.8000E-02        0.3581
     6.0000E-02        0.4016
     6.2000E-02        0.4549
     6.4000E-02        0.5253
     6.6000E-02        0.6226
     6.8000E-02        0.7546
     7.0000E-02        0.9230
     7.2000E-02        1.131
     7.4000E-02        1.445
     7.6000E-02        1.968
     7.6855E-02        2.253
**
```

Item J-05 : Table: Node 15873 Out of Plane Displacement over Time

J-5

STRESS::BASKIN

JOB 911

BS.RPT_OUT;1

File: _6DRB5:[BASKIN.TEST.CUT.PRELOAD_B]BS.RPT_OUT;1
Last Modified: 11–NOV–1997 12:49
Owner UIC: [G42,BASKIN]

Length:	58 blocks
Longest record:	59 bytes
Priority:	100
Submit queue:	SYS$PRINT
Submitted:	11–NOV–1997 12:49
Printer queue:	SYS$PRINT
Printer device:	POSTMO::

Item J-06 : Table: Bolt Axial Stress History

_6DRB5:[BASKIN.TEST.CUT.PRELOAD_B]BS.RPT_OUT;1 11-NOV-1997 12:49 Page 1

OUTPUT BOLT COUNT : 00
OUTPUT BOLT COUNT : 01

Time :	0.010	S33 MAX ksi:	14.99	Avg. ksi:	13.81
Time :	0.020	S33 MAX ksi:	20.69	Avg. ksi:	17.30
Time :	0.024	S33 MAX ksi:	19.68	Avg. ksi:	17.03
Time :	0.028	S33 MAX ksi:	36.98	Avg. ksi:	26.25
Time :	0.032	S33 MAX ksi:	43.09	Avg. ksi:	26.61
Time :	0.036	S33 MAX ksi:	57.36	Avg. ksi:	32.88
Time :	0.040	S33 MAX ksi:	69.23	Avg. ksi:	37.40
Time :	0.042	S33 MAX ksi:	71.63	Avg. ksi:	39.53
Time :	0.044	S33 MAX ksi:	77.51	Avg. ksi:	41.23
Time :	0.046	S33 MAX ksi:	82.69	Avg. ksi:	43.28
Time :	0.048	S33 MAX ksi:	85.27	Avg. ksi:	45.31
Time :	0.050	S33 MAX ksi:	86.35	Avg. ksi:	47.61
Time :	0.052	S33 MAX ksi:	87.54	Avg. ksi:	49.52
Time :	0.054	S33 MAX ksi:	89.10	Avg. ksi:	52.80
Time :	0.056	S33 MAX ksi:	90.31	Avg. ksi:	55.96
Time :	0.058	S33 MAX ksi:	91.00	Avg. ksi:	58.55
Time :	0.060	S33 MAX ksi:	92.53	Avg. ksi:	60.83
Time :	0.062	S33 MAX ksi:	93.08	Avg. ksi:	63.38
Time :	0.064	S33 MAX ksi:	93.45	Avg. ksi:	66.55
Time :	0.066	S33 MAX ksi:	94.15	Avg. ksi:	70.55
Time :	0.068	S33 MAX ksi:	96.62	Avg. ksi:	74.35
Time :	0.070	S33 MAX ksi:	96.68	Avg. ksi:	77.37
Time :	0.072	S33 MAX ksi:	96.27	Avg. ksi:	78.14
Time :	0.074	S33 MAX ksi:	91.28	Avg. ksi:	68.68
Time :	0.076	S33 MAX ksi:	110.84	Avg. ksi:	83.11
Time :	0.077	S33 MAX ksi:	113.15	Avg. ksi:	82.81

OUTPUT BOLT COUNT : 02

Time :	0.010	S33 MAX ksi:	20.09	Avg. ksi:	13.47
Time :	0.020	S33 MAX ksi:	21.82	Avg. ksi:	15.58
Time :	0.024	S33 MAX ksi:	21.52	Avg. ksi:	13.58
Time :	0.028	S33 MAX ksi:	35.33	Avg. ksi:	24.05
Time :	0.032	S33 MAX ksi:	40.66	Avg. ksi:	24.09
Time :	0.036	S33 MAX ksi:	54.05	Avg. ksi:	30.77
Time :	0.040	S33 MAX ksi:	62.84	Avg. ksi:	36.22
Time :	0.042	S33 MAX ksi:	66.94	Avg. ksi:	38.97
Time :	0.044	S33 MAX ksi:	71.36	Avg. ksi:	40.66
Time :	0.046	S33 MAX ksi:	75.20	Avg. ksi:	42.79
Time :	0.048	S33 MAX ksi:	80.37	Avg. ksi:	44.98
Time :	0.050	S33 MAX ksi:	83.39	Avg. ksi:	47.29
Time :	0.052	S33 MAX ksi:	85.10	Avg. ksi:	49.23
Time :	0.054	S33 MAX ksi:	86.83	Avg. ksi:	52.93
Time :	0.056	S33 MAX ksi:	86.86	Avg. ksi:	57.94
Time :	0.058	S33 MAX ksi:	86.67	Avg. ksi:	60.99
Time :	0.060	S33 MAX ksi:	88.21	Avg. ksi:	63.82
Time :	0.062	S33 MAX ksi:	89.04	Avg. ksi:	66.33
Time :	0.064	S33 MAX ksi:	88.73	Avg. ksi:	69.21
Time :	0.066	S33 MAX ksi:	88.79	Avg. ksi:	73.31
Time :	0.068	S33 MAX ksi:	88.70	Avg. ksi:	76.26
Time :	0.070	S33 MAX ksi:	90.46	Avg. ksi:	78.29
Time :	0.072	S33 MAX ksi:	90.36	Avg. ksi:	77.36
Time :	0.074	S33 MAX ksi:	79.22	Avg. ksi:	65.21
Time :	0.076	S33 MAX ksi:	101.16	Avg. ksi:	84.19
Time :	0.077	S33 MAX ksi:	100.69	Avg. ksi:	83.74

OUTPUT BOLT COUNT : 03

Time :	0.010	S33 MAX ksi:	20.65	Avg. ksi:	14.03
Time :	0.020	S33 MAX ksi:	18.80	Avg. ksi:	9.23
Time :	0.024	S33 MAX ksi:	16.55	Avg. ksi:	7.82
Time :	0.028	S33 MAX ksi:	32.02	Avg. ksi:	20.75
Time :	0.032	S33 MAX ksi:	40.65	Avg. ksi:	21.94
Time :	0.036	S33 MAX ksi:	52.97	Avg. ksi:	29.99
Time :	0.040	S33 MAX ksi:	62.06	Avg. ksi:	35.42
Time :	0.042	S33 MAX ksi:	69.67	Avg. ksi:	38.33

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Time :	0.044	S33 MAX ksi:	73.00	Avg. ksi:	39.35
Time :	0.046	S33 MAX ksi:	76.64	Avg. ksi:	40.97
Time :	0.048	S33 MAX ksi:	81.77	Avg. ksi:	42.63
Time :	0.050	S33 MAX ksi:	84.50	Avg. ksi:	44.34
Time :	0.052	S33 MAX ksi:	84.80	Avg. ksi:	45.87
Time :	0.054	S33 MAX ksi:	85.96	Avg. ksi:	50.47
Time :	0.056	S33 MAX ksi:	87.46	Avg. ksi:	56.17
Time :	0.058	S33 MAX ksi:	88.22	Avg. ksi:	59.17
Time :	0.060	S33 MAX ksi:	90.21	Avg. ksi:	63.39
Time :	0.062	S33 MAX ksi:	91.11	Avg. ksi:	65.99
Time :	0.064	S33 MAX ksi:	91.03	Avg. ksi:	69.26
Time :	0.066	S33 MAX ksi:	91.61	Avg. ksi:	73.39
Time :	0.068	S33 MAX ksi:	92.46	Avg. ksi:	76.24
Time :	0.070	S33 MAX ksi:	94.54	Avg. ksi:	78.25
Time :	0.072	S33 MAX ksi:	93.69	Avg. ksi:	79.06
Time :	0.074	S33 MAX ksi:	84.10	Avg. ksi:	69.18
Time :	0.076	S33 MAX ksi:	108.76	Avg. ksi:	83.29
Time :	0.077	S33 MAX ksi:	107.40	Avg. ksi:	84.23

OUTPUT BOLT COUNT : 04

Time :	0.010	S33 MAX ksi:	19.74	Avg. ksi:	13.52
Time :	0.020	S33 MAX ksi:	14.97	Avg. ksi:	8.15
Time :	0.024	S33 MAX ksi:	10.27	Avg. ksi:	6.53
Time :	0.028	S33 MAX ksi:	21.46	Avg. ksi:	16.06
Time :	0.032	S33 MAX ksi:	24.43	Avg. ksi:	17.10
Time :	0.036	S33 MAX ksi:	33.51	Avg. ksi:	25.18
Time :	0.040	S33 MAX ksi:	36.54	Avg. ksi:	27.18
Time :	0.042	S33 MAX ksi:	36.69	Avg. ksi:	27.57
Time :	0.044	S33 MAX ksi:	37.87	Avg. ksi:	27.94
Time :	0.046	S33 MAX ksi:	40.73	Avg. ksi:	29.16
Time :	0.048	S33 MAX ksi:	43.86	Avg. ksi:	30.73
Time :	0.050	S33 MAX ksi:	45.59	Avg. ksi:	32.20
Time :	0.052	S33 MAX ksi:	48.09	Avg. ksi:	33.95
Time :	0.054	S33 MAX ksi:	53.36	Avg. ksi:	38.82
Time :	0.056	S33 MAX ksi:	57.48	Avg. ksi:	42.28
Time :	0.058	S33 MAX ksi:	61.68	Avg. ksi:	45.80
Time :	0.060	S33 MAX ksi:	68.94	Avg. ksi:	50.58
Time :	0.062	S33 MAX ksi:	73.68	Avg. ksi:	54.25
Time :	0.064	S33 MAX ksi:	80.23	Avg. ksi:	58.96
Time :	0.066	S33 MAX ksi:	82.11	Avg. ksi:	63.68
Time :	0.068	S33 MAX ksi:	83.38	Avg. ksi:	69.56
Time :	0.070	S33 MAX ksi:	85.07	Avg. ksi:	74.45
Time :	0.072	S33 MAX ksi:	88.22	Avg. ksi:	72.47
Time :	0.074	S33 MAX ksi:	72.37	Avg. ksi:	59.94
Time :	0.076	S33 MAX ksi:	86.29	Avg. ksi:	75.02
Time :	0.077	S33 MAX ksi:	91.17	Avg. ksi:	77.10

OUTPUT BOLT COUNT : 05

Time :	0.010	S33 MAX ksi:	1.72	Avg. ksi:	0.00
Time :	0.020	S33 MAX ksi:	62.84	Avg. ksi:	47.48
Time :	0.024	S33 MAX ksi:	69.21	Avg. ksi:	45.08
Time :	0.028	S33 MAX ksi:	100.97	Avg. ksi:	48.80
Time :	0.032	S33 MAX ksi:	114.00	Avg. ksi:	50.11
Time :	0.036	S33 MAX ksi:	129.11	Avg. ksi:	51.85
Time :	0.040	S33 MAX ksi:	132.98	Avg. ksi:	51.68
Time :	0.042	S33 MAX ksi:	136.19	Avg. ksi:	51.47
Time :	0.044	S33 MAX ksi:	139.51	Avg. ksi:	49.99
Time :	0.046	S33 MAX ksi:	142.25	Avg. ksi:	49.07
Time :	0.048	S33 MAX ksi:	144.54	Avg. ksi:	47.25
Time :	0.050	S33 MAX ksi:	146.19	Avg. ksi:	45.58
Time :	0.052	S33 MAX ksi:	148.09	Avg. ksi:	43.78
Time :	0.054	S33 MAX ksi:	150.46	Avg. ksi:	41.36
Time :	0.056	S33 MAX ksi:	154.33	Avg. ksi:	40.18
Time :	0.058	S33 MAX ksi:	157.43	Avg. ksi:	39.23
Time :	0.060	S33 MAX ksi:	161.30	Avg. ksi:	40.07
Time :	0.062	S33 MAX ksi:	164.21	Avg. ksi:	39.94

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Time :	0.064	S33 MAX ksi:	169.89	Avg. ksi:	41.37
Time :	0.066	S33 MAX ksi:	176.82	Avg. ksi:	42.71
Time :	0.068	S33 MAX ksi:	185.63	Avg. ksi:	45.82
Time :	0.070	S33 MAX ksi:	193.02	Avg. ksi:	47.93
Time :	0.072	S33 MAX ksi:	194.26	Avg. ksi:	46.80
Time :	0.074	S33 MAX ksi:	118.08	Avg. ksi:	33.60
Time :	0.076	S33 MAX ksi:	146.44	Avg. ksi:	40.65
Time :	0.077	S33 MAX ksi:	49.26	Avg. ksi:	0.00

OUTPUT BOLT COUNT : 06

Time :	0.010	S33 MAX ksi:	0.99	Avg. ksi:	0.02
Time :	0.020	S33 MAX ksi:	60.02	Avg. ksi:	50.15
Time :	0.024	S33 MAX ksi:	62.29	Avg. ksi:	48.09
Time :	0.028	S33 MAX ksi:	92.69	Avg. ksi:	51.01
Time :	0.032	S33 MAX ksi:	105.15	Avg. ksi:	52.52
Time :	0.036	S33 MAX ksi:	124.33	Avg. ksi:	54.61
Time :	0.040	S33 MAX ksi:	133.85	Avg. ksi:	53.66
Time :	0.042	S33 MAX ksi:	136.85	Avg. ksi:	52.56
Time :	0.044	S33 MAX ksi:	140.44	Avg. ksi:	50.84
Time :	0.046	S33 MAX ksi:	143.46	Avg. ksi:	47.98
Time :	0.048	S33 MAX ksi:	145.86	Avg. ksi:	45.59
Time :	0.050	S33 MAX ksi:	147.73	Avg. ksi:	43.72
Time :	0.052	S33 MAX ksi:	149.62	Avg. ksi:	41.39
Time :	0.054	S33 MAX ksi:	152.03	Avg. ksi:	39.99
Time :	0.056	S33 MAX ksi:	155.82	Avg. ksi:	37.77
Time :	0.058	S33 MAX ksi:	159.59	Avg. ksi:	35.50
Time :	0.060	S33 MAX ksi:	163.43	Avg. ksi:	33.82
Time :	0.062	S33 MAX ksi:	166.81	Avg. ksi:	31.48
Time :	0.064	S33 MAX ksi:	171.20	Avg. ksi:	30.48
Time :	0.066	S33 MAX ksi:	177.19	Avg. ksi:	31.12
Time :	0.068	S33 MAX ksi:	186.14	Avg. ksi:	33.17
Time :	0.070	S33 MAX ksi:	180.84	Avg. ksi:	36.62
Time :	0.072	S33 MAX ksi:	124.66	Avg. ksi:	29.69
Time :	0.074	S33 MAX ksi:	52.07	Avg. ksi:	13.42
Time :	0.076	S33 MAX ksi:	48.81	Avg. ksi:	6.56
Time :	0.077	S33 MAX ksi:	50.22	Avg. ksi:	7.89

OUTPUT BOLT COUNT : 07

Time :	0.010	S33 MAX ksi:	2.38	Avg. ksi:	0.04
Time :	0.020	S33 MAX ksi:	57.52	Avg. ksi:	44.73
Time :	0.024	S33 MAX ksi:	69.48	Avg. ksi:	42.28
Time :	0.028	S33 MAX ksi:	94.67	Avg. ksi:	42.97
Time :	0.032	S33 MAX ksi:	117.66	Avg. ksi:	42.63
Time :	0.036	S33 MAX ksi:	130.64	Avg. ksi:	41.26
Time :	0.040	S33 MAX ksi:	138.84	Avg. ksi:	37.14
Time :	0.042	S33 MAX ksi:	141.19	Avg. ksi:	33.43
Time :	0.044	S33 MAX ksi:	143.42	Avg. ksi:	29.44
Time :	0.046	S33 MAX ksi:	146.14	Avg. ksi:	26.52
Time :	0.048	S33 MAX ksi:	148.80	Avg. ksi:	24.35
Time :	0.050	S33 MAX ksi:	150.67	Avg. ksi:	23.64
Time :	0.052	S33 MAX ksi:	152.05	Avg. ksi:	22.55
Time :	0.054	S33 MAX ksi:	152.48	Avg. ksi:	21.83
Time :	0.056	S33 MAX ksi:	156.12	Avg. ksi:	21.84
Time :	0.058	S33 MAX ksi:	158.63	Avg. ksi:	21.83
Time :	0.060	S33 MAX ksi:	162.54	Avg. ksi:	22.58
Time :	0.062	S33 MAX ksi:	165.83	Avg. ksi:	22.12
Time :	0.064	S33 MAX ksi:	171.34	Avg. ksi:	23.34
Time :	0.066	S33 MAX ksi:	177.75	Avg. ksi:	25.03
Time :	0.068	S33 MAX ksi:	177.91	Avg. ksi:	28.38
Time :	0.070	S33 MAX ksi:	171.08	Avg. ksi:	35.50
Time :	0.072	S33 MAX ksi:	14.67	Avg. ksi:	0.71
Time :	0.074	S33 MAX ksi:	39.45	Avg. ksi:	2.58
Time :	0.076	S33 MAX ksi:	49.26	Avg. ksi:	8.11
Time :	0.077	S33 MAX ksi:	56.85	Avg. ksi:	10.25

OUTPUT BOLT COUNT : 08

Time :	0.010	S33 MAX ksi:	0.32	Avg. ksi:	0.02

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Time :	0.020	S33 MAX ksi:	5.47	Avg. ksi:	1.35
Time :	0.024	S33 MAX ksi:	5.33	Avg. ksi:	0.38
Time :	0.028	S33 MAX ksi:	9.15	Avg. ksi:	1.95
Time :	0.032	S33 MAX ksi:	11.01	Avg. ksi:	2.01
Time :	0.036	S33 MAX ksi:	14.34	Avg. ksi:	2.26
Time :	0.040	S33 MAX ksi:	18.63	Avg. ksi:	2.68
Time :	0.042	S33 MAX ksi:	19.71	Avg. ksi:	2.44
Time :	0.044	S33 MAX ksi:	21.22	Avg. ksi:	2.45
Time :	0.046	S33 MAX ksi:	23.34	Avg. ksi:	2.84
Time :	0.048	S33 MAX ksi:	25.50	Avg. ksi:	3.02
Time :	0.050	S33 MAX ksi:	27.48	Avg. ksi:	2.83
Time :	0.052	S33 MAX ksi:	31.15	Avg. ksi:	3.03
Time :	0.054	S33 MAX ksi:	33.94	Avg. ksi:	3.20
Time :	0.056	S33 MAX ksi:	37.85	Avg. ksi:	3.33
Time :	0.058	S33 MAX ksi:	41.43	Avg. ksi:	3.00
Time :	0.060	S33 MAX ksi:	46.80	Avg. ksi:	3.11
Time :	0.062	S33 MAX ksi:	50.76	Avg. ksi:	3.17
Time :	0.064	S33 MAX ksi:	59.28	Avg. ksi:	2.65
Time :	0.066	S33 MAX ksi:	71.24	Avg. ksi:	2.42
Time :	0.068	S33 MAX ksi:	84.40	Avg. ksi:	1.07
Time :	0.070	S33 MAX ksi:	83.94	Avg. ksi:	0.00
Time :	0.072	S33 MAX ksi:	73.84	Avg. ksi:	0.00
Time :	0.074	S33 MAX ksi:	124.46	Avg. ksi:	7.88
Time :	0.076	S33 MAX ksi:	116.43	Avg. ksi:	16.28
Time :	0.077	S33 MAX ksi:	118.61	Avg. ksi:	9.97

OUTPUT BOLT COUNT : 09

Time :	0.010	S33 MAX ksi:	1.20	Avg. ksi:	0.00
Time :	0.020	S33 MAX ksi:	10.11	Avg. ksi:	6.12
Time :	0.024	S33 MAX ksi:	16.25	Avg. ksi:	4.60
Time :	0.028	S33 MAX ksi:	51.71	Avg. ksi:	6.28
Time :	0.032	S33 MAX ksi:	63.20	Avg. ksi:	6.19
Time :	0.036	S33 MAX ksi:	85.61	Avg. ksi:	6.15
Time :	0.040	S33 MAX ksi:	103.37	Avg. ksi:	5.82
Time :	0.042	S33 MAX ksi:	112.07	Avg. ksi:	5.62
Time :	0.044	S33 MAX ksi:	119.16	Avg. ksi:	5.09
Time :	0.046	S33 MAX ksi:	122.89	Avg. ksi:	4.54
Time :	0.048	S33 MAX ksi:	126.35	Avg. ksi:	4.22
Time :	0.050	S33 MAX ksi:	128.19	Avg. ksi:	3.93
Time :	0.052	S33 MAX ksi:	129.56	Avg. ksi:	3.69
Time :	0.054	S33 MAX ksi:	131.17	Avg. ksi:	3.26
Time :	0.056	S33 MAX ksi:	133.60	Avg. ksi:	3.38
Time :	0.058	S33 MAX ksi:	134.75	Avg. ksi:	3.51
Time :	0.060	S33 MAX ksi:	136.45	Avg. ksi:	4.16
Time :	0.062	S33 MAX ksi:	137.79	Avg. ksi:	4.78
Time :	0.064	S33 MAX ksi:	140.36	Avg. ksi:	5.02
Time :	0.066	S33 MAX ksi:	143.41	Avg. ksi:	5.39
Time :	0.068	S33 MAX ksi:	148.55	Avg. ksi:	6.49
Time :	0.070	S33 MAX ksi:	151.99	Avg. ksi:	7.48
Time :	0.072	S33 MAX ksi:	156.15	Avg. ksi:	8.20
Time :	0.074	S33 MAX ksi:	174.05	Avg. ksi:	16.81
Time :	0.076	S33 MAX ksi:	13.73	Avg. ksi:	1.61
Time :	0.077	S33 MAX ksi:	17.34	Avg. ksi:	0.00

OUTPUT BOLT COUNT : 10

Time :	0.010	S33 MAX ksi:	1.26	Avg. ksi:	0.14
Time :	0.020	S33 MAX ksi:	6.01	Avg. ksi:	2.45
Time :	0.024	S33 MAX ksi:	8.10	Avg. ksi:	1.53
Time :	0.028	S33 MAX ksi:	36.61	Avg. ksi:	3.91
Time :	0.032	S33 MAX ksi:	43.60	Avg. ksi:	4.13
Time :	0.036	S33 MAX ksi:	60.94	Avg. ksi:	4.96
Time :	0.040	S33 MAX ksi:	77.48	Avg. ksi:	5.89
Time :	0.042	S33 MAX ksi:	83.89	Avg. ksi:	6.03
Time :	0.044	S33 MAX ksi:	92.35	Avg. ksi:	6.25
Time :	0.046	S33 MAX ksi:	102.17	Avg. ksi:	7.00
Time :	0.048	S33 MAX ksi:	112.41	Avg. ksi:	7.38

Time :	0.050	S33 MAX ksi:	120.40	Avg. ksi:	7.74
Time :	0.052	S33 MAX ksi:	124.59	Avg. ksi:	8.19
Time :	0.054	S33 MAX ksi:	128.62	Avg. ksi:	7.99
Time :	0.056	S33 MAX ksi:	133.17	Avg. ksi:	7.93
Time :	0.058	S33 MAX ksi:	136.74	Avg. ksi:	8.86
Time :	0.060	S33 MAX ksi:	139.47	Avg. ksi:	9.45
Time :	0.062	S33 MAX ksi:	141.22	Avg. ksi:	10.34
Time :	0.064	S33 MAX ksi:	143.75	Avg. ksi:	10.73
Time :	0.066	S33 MAX ksi:	148.40	Avg. ksi:	11.93
Time :	0.068	S33 MAX ksi:	155.60	Avg. ksi:	13.48
Time :	0.070	S33 MAX ksi:	163.39	Avg. ksi:	15.92
Time :	0.072	S33 MAX ksi:	162.48	Avg. ksi:	23.69
Time :	0.074	S33 MAX ksi:	16.02	Avg. ksi:	1.98
Time :	0.076	S33 MAX ksi:	34.01	Avg. ksi:	6.98
Time :	0.077	S33 MAX ksi:	45.35	Avg. ksi:	7.18
OUTPUT BOLT COUNT : 11					
Time :	0.010	S33 MAX ksi:	1.12	Avg. ksi:	0.13
Time :	0.020	S33 MAX ksi:	12.46	Avg. ksi:	10.46
Time :	0.024	S33 MAX ksi:	25.27	Avg. ksi:	9.90
Time :	0.028	S33 MAX ksi:	48.22	Avg. ksi:	10.01
Time :	0.032	S33 MAX ksi:	68.79	Avg. ksi:	9.02
Time :	0.036	S33 MAX ksi:	87.01	Avg. ksi:	8.27
Time :	0.040	S33 MAX ksi:	110.78	Avg. ksi:	7.62
Time :	0.042	S33 MAX ksi:	120.37	Avg. ksi:	7.17
Time :	0.044	S33 MAX ksi:	125.35	Avg. ksi:	6.91
Time :	0.046	S33 MAX ksi:	128.24	Avg. ksi:	6.73
Time :	0.048	S33 MAX ksi:	131.23	Avg. ksi:	6.60
Time :	0.050	S33 MAX ksi:	134.44	Avg. ksi:	6.06
Time :	0.052	S33 MAX ksi:	136.66	Avg. ksi:	5.88
Time :	0.054	S33 MAX ksi:	138.36	Avg. ksi:	6.25
Time :	0.056	S33 MAX ksi:	141.92	Avg. ksi:	6.26
Time :	0.058	S33 MAX ksi:	144.96	Avg. ksi:	6.59
Time :	0.060	S33 MAX ksi:	148.24	Avg. ksi:	6.72
Time :	0.062	S33 MAX ksi:	150.45	Avg. ksi:	7.21
Time :	0.064	S33 MAX ksi:	154.21	Avg. ksi:	7.56
Time :	0.066	S33 MAX ksi:	160.26	Avg. ksi:	8.07
Time :	0.068	S33 MAX ksi:	168.17	Avg. ksi:	9.03
Time :	0.070	S33 MAX ksi:	172.84	Avg. ksi:	10.69
Time :	0.072	S33 MAX ksi:	172.90	Avg. ksi:	12.52
Time :	0.074	S33 MAX ksi:	25.65	Avg. ksi:	2.88
Time :	0.076	S33 MAX ksi:	50.62	Avg. ksi:	7.66
Time :	0.077	S33 MAX ksi:	48.01	Avg. ksi:	12.62
OUTPUT BOLT COUNT : 12					
Time :	0.010	S33 MAX ksi:	1.23	Avg. ksi:	0.00
Time :	0.020	S33 MAX ksi:	28.72	Avg. ksi:	22.94
Time :	0.024	S33 MAX ksi:	28.57	Avg. ksi:	21.81
Time :	0.028	S33 MAX ksi:	30.34	Avg. ksi:	21.68
Time :	0.032	S33 MAX ksi:	31.02	Avg. ksi:	21.52
Time :	0.036	S33 MAX ksi:	33.03	Avg. ksi:	21.76
Time :	0.040	S33 MAX ksi:	39.12	Avg. ksi:	21.73
Time :	0.042	S33 MAX ksi:	41.72	Avg. ksi:	21.77
Time :	0.044	S33 MAX ksi:	44.60	Avg. ksi:	21.67
Time :	0.046	S33 MAX ksi:	47.65	Avg. ksi:	21.72
Time :	0.048	S33 MAX ksi:	51.01	Avg. ksi:	21.56
Time :	0.050	S33 MAX ksi:	54.57	Avg. ksi:	21.36
Time :	0.052	S33 MAX ksi:	59.60	Avg. ksi:	21.55
Time :	0.054	S33 MAX ksi:	66.28	Avg. ksi:	22.11
Time :	0.056	S33 MAX ksi:	74.07	Avg. ksi:	22.41
Time :	0.058	S33 MAX ksi:	82.03	Avg. ksi:	22.55
Time :	0.060	S33 MAX ksi:	92.05	Avg. ksi:	23.10
Time :	0.062	S33 MAX ksi:	102.97	Avg. ksi:	23.56
Time :	0.064	S33 MAX ksi:	117.02	Avg. ksi:	24.59
Time :	0.066	S33 MAX ksi:	125.59	Avg. ksi:	25.58
Time :	0.068	S33 MAX ksi:	132.43	Avg. ksi:	27.05

Time :	0.070	S33 MAX ksi:	134.47	Avg. ksi:	28.59
Time :	0.072	S33 MAX ksi:	133.59	Avg. ksi:	25.10
Time :	0.074	S33 MAX ksi:	142.95	Avg. ksi:	17.33
Time :	0.076	S33 MAX ksi:	155.01	Avg. ksi:	12.82
Time :	0.077	S33 MAX ksi:	159.35	Avg. ksi:	16.59
OUTPUT BOLT COUNT : 13					
Time :	0.010	S33 MAX ksi:	1.42	Avg. ksi:	0.04
Time :	0.020	S33 MAX ksi:	53.55	Avg. ksi:	42.10
Time :	0.024	S33 MAX ksi:	63.95	Avg. ksi:	41.01
Time :	0.028	S33 MAX ksi:	102.46	Avg. ksi:	42.97
Time :	0.032	S33 MAX ksi:	118.20	Avg. ksi:	43.78
Time :	0.036	S33 MAX ksi:	134.14	Avg. ksi:	43.90
Time :	0.040	S33 MAX ksi:	139.83	Avg. ksi:	41.62
Time :	0.042	S33 MAX ksi:	141.95	Avg. ksi:	40.33
Time :	0.044	S33 MAX ksi:	144.16	Avg. ksi:	38.95
Time :	0.046	S33 MAX ksi:	145.43	Avg. ksi:	37.22
Time :	0.048	S33 MAX ksi:	147.11	Avg. ksi:	34.94
Time :	0.050	S33 MAX ksi:	148.80	Avg. ksi:	33.09
Time :	0.052	S33 MAX ksi:	150.98	Avg. ksi:	31.19
Time :	0.054	S33 MAX ksi:	153.10	Avg. ksi:	29.42
Time :	0.056	S33 MAX ksi:	156.48	Avg. ksi:	27.77
Time :	0.058	S33 MAX ksi:	158.23	Avg. ksi:	27.33
Time :	0.060	S33 MAX ksi:	160.80	Avg. ksi:	27.29
Time :	0.062	S33 MAX ksi:	162.88	Avg. ksi:	26.75
Time :	0.064	S33 MAX ksi:	166.65	Avg. ksi:	25.05
Time :	0.066	S33 MAX ksi:	170.80	Avg. ksi:	23.09
Time :	0.068	S33 MAX ksi:	176.58	Avg. ksi:	22.76
Time :	0.070	S33 MAX ksi:	183.53	Avg. ksi:	24.24
Time :	0.072	S33 MAX ksi:	189.35	Avg. ksi:	26.29
Time :	0.074	S33 MAX ksi:	191.00	Avg. ksi:	21.42
Time :	0.076	S33 MAX ksi:	122.36	Avg. ksi:	17.76
Time :	0.077	S33 MAX ksi:	42.38	Avg. ksi:	0.14
OUTPUT BOLT COUNT : 14					
Time :	0.010	S33 MAX ksi:	0.23	Avg. ksi:	0.00
Time :	0.020	S33 MAX ksi:	29.26	Avg. ksi:	25.13
Time :	0.024	S33 MAX ksi:	31.18	Avg. ksi:	24.39
Time :	0.028	S33 MAX ksi:	60.33	Avg. ksi:	23.99
Time :	0.032	S33 MAX ksi:	69.72	Avg. ksi:	23.71
Time :	0.036	S33 MAX ksi:	88.62	Avg. ksi:	23.79
Time :	0.040	S33 MAX ksi:	105.82	Avg. ksi:	23.65
Time :	0.042	S33 MAX ksi:	112.74	Avg. ksi:	23.48
Time :	0.044	S33 MAX ksi:	120.77	Avg. ksi:	23.10
Time :	0.046	S33 MAX ksi:	126.40	Avg. ksi:	22.44
Time :	0.048	S33 MAX ksi:	130.62	Avg. ksi:	21.78
Time :	0.050	S33 MAX ksi:	134.04	Avg. ksi:	21.08
Time :	0.052	S33 MAX ksi:	137.63	Avg. ksi:	20.83
Time :	0.054	S33 MAX ksi:	141.14	Avg. ksi:	19.84
Time :	0.056	S33 MAX ksi:	145.39	Avg. ksi:	19.49
Time :	0.058	S33 MAX ksi:	146.71	Avg. ksi:	18.82
Time :	0.060	S33 MAX ksi:	148.34	Avg. ksi:	17.75
Time :	0.062	S33 MAX ksi:	149.72	Avg. ksi:	17.11
Time :	0.064	S33 MAX ksi:	153.05	Avg. ksi:	16.64
Time :	0.066	S33 MAX ksi:	158.10	Avg. ksi:	16.53
Time :	0.068	S33 MAX ksi:	164.95	Avg. ksi:	16.91
Time :	0.070	S33 MAX ksi:	166.54	Avg. ksi:	18.29
Time :	0.072	S33 MAX ksi:	149.60	Avg. ksi:	13.56
Time :	0.074	S33 MAX ksi:	24.74	Avg. ksi:	0.00
Time :	0.076	S33 MAX ksi:	37.60	Avg. ksi:	8.41
Time :	0.077	S33 MAX ksi:	52.47	Avg. ksi:	9.92
OUTPUT BOLT COUNT : 15					
Time :	0.010	S33 MAX ksi:	0.63	Avg. ksi:	0.00
Time :	0.020	S33 MAX ksi:	52.52	Avg. ksi:	38.83
Time :	0.024	S33 MAX ksi:	68.03	Avg. ksi:	36.65
Time :	0.028	S33 MAX ksi:	85.55	Avg. ksi:	37.15

Time :	0.032	S33 MAX ksi:	106.72	Avg. ksi:	37.53
Time :	0.036	S33 MAX ksi:	126.88	Avg. ksi:	38.01
Time :	0.040	S33 MAX ksi:	138.08	Avg. ksi:	35.56
Time :	0.042	S33 MAX ksi:	141.75	Avg. ksi:	33.66
Time :	0.044	S33 MAX ksi:	143.47	Avg. ksi:	31.73
Time :	0.046	S33 MAX ksi:	145.05	Avg. ksi:	29.63
Time :	0.048	S33 MAX ksi:	147.14	Avg. ksi:	27.77
Time :	0.050	S33 MAX ksi:	148.80	Avg. ksi:	26.31
Time :	0.052	S33 MAX ksi:	150.32	Avg. ksi:	25.15
Time :	0.054	S33 MAX ksi:	150.52	Avg. ksi:	24.59
Time :	0.056	S33 MAX ksi:	153.81	Avg. ksi:	23.97
Time :	0.058	S33 MAX ksi:	156.01	Avg. ksi:	22.49
Time :	0.060	S33 MAX ksi:	159.87	Avg. ksi:	20.77
Time :	0.062	S33 MAX ksi:	162.81	Avg. ksi:	19.02
Time :	0.064	S33 MAX ksi:	166.36	Avg. ksi:	18.21
Time :	0.066	S33 MAX ksi:	171.23	Avg. ksi:	17.58
Time :	0.068	S33 MAX ksi:	173.18	Avg. ksi:	17.43
Time :	0.070	S33 MAX ksi:	166.97	Avg. ksi:	16.79
Time :	0.072	S33 MAX ksi:	75.59	Avg. ksi:	0.00
Time :	0.074	S33 MAX ksi:	37.20	Avg. ksi:	2.97
Time :	0.076	S33 MAX ksi:	47.98	Avg. ksi:	8.77
Time :	0.077	S33 MAX ksi:	42.69	Avg. ksi:	8.64
OUTPUT BOLT COUNT : 16					
Time :	0.010	S33 MAX ksi:	0.77	Avg. ksi:	0.04
Time :	0.020	S33 MAX ksi:	40.10	Avg. ksi:	31.76
Time :	0.024	S33 MAX ksi:	40.31	Avg. ksi:	30.22
Time :	0.028	S33 MAX ksi:	41.80	Avg. ksi:	30.47
Time :	0.032	S33 MAX ksi:	42.36	Avg. ksi:	30.45
Time :	0.036	S33 MAX ksi:	43.98	Avg. ksi:	30.78
Time :	0.040	S33 MAX ksi:	47.23	Avg. ksi:	30.78
Time :	0.042	S33 MAX ksi:	49.84	Avg. ksi:	30.79
Time :	0.044	S33 MAX ksi:	53.19	Avg. ksi:	30.75
Time :	0.046	S33 MAX ksi:	56.66	Avg. ksi:	30.78
Time :	0.048	S33 MAX ksi:	60.60	Avg. ksi:	30.76
Time :	0.050	S33 MAX ksi:	64.99	Avg. ksi:	30.73
Time :	0.052	S33 MAX ksi:	70.81	Avg. ksi:	30.72
Time :	0.054	S33 MAX ksi:	77.28	Avg. ksi:	30.81
Time :	0.056	S33 MAX ksi:	84.49	Avg. ksi:	30.54
Time :	0.058	S33 MAX ksi:	91.25	Avg. ksi:	29.97
Time :	0.060	S33 MAX ksi:	100.62	Avg. ksi:	29.28
Time :	0.062	S33 MAX ksi:	109.64	Avg. ksi:	28.06
Time :	0.064	S33 MAX ksi:	117.13	Avg. ksi:	26.66
Time :	0.066	S33 MAX ksi:	121.56	Avg. ksi:	25.09
Time :	0.068	S33 MAX ksi:	125.82	Avg. ksi:	23.36
Time :	0.070	S33 MAX ksi:	128.14	Avg. ksi:	21.33
Time :	0.072	S33 MAX ksi:	127.03	Avg. ksi:	19.30
Time :	0.074	S33 MAX ksi:	146.92	Avg. ksi:	15.91
Time :	0.076	S33 MAX ksi:	153.21	Avg. ksi:	7.91
Time :	0.077	S33 MAX ksi:	158.98	Avg. ksi:	4.40
OUTPUT BOLT COUNT : 17					
Time :	0.010	S33 MAX ksi:	1.63	Avg. ksi:	0.01
Time :	0.020	S33 MAX ksi:	39.43	Avg. ksi:	32.30
Time :	0.024	S33 MAX ksi:	41.39	Avg. ksi:	30.16
Time :	0.028	S33 MAX ksi:	79.53	Avg. ksi:	30.11
Time :	0.032	S33 MAX ksi:	92.59	Avg. ksi:	30.03
Time :	0.036	S33 MAX ksi:	116.34	Avg. ksi:	29.81
Time :	0.040	S33 MAX ksi:	127.05	Avg. ksi:	27.96
Time :	0.042	S33 MAX ksi:	130.22	Avg. ksi:	26.98
Time :	0.044	S33 MAX ksi:	134.01	Avg. ksi:	25.86
Time :	0.046	S33 MAX ksi:	137.46	Avg. ksi:	24.25
Time :	0.048	S33 MAX ksi:	140.70	Avg. ksi:	22.68
Time :	0.050	S33 MAX ksi:	142.62	Avg. ksi:	21.25
Time :	0.052	S33 MAX ksi:	144.24	Avg. ksi:	19.46
Time :	0.054	S33 MAX ksi:	146.06	Avg. ksi:	18.18

Time :	0.056	S33 MAX ksi:	148.95	Avg. ksi:	17.19
Time :	0.058	S33 MAX ksi:	151.03	Avg. ksi:	16.36
Time :	0.060	S33 MAX ksi:	154.35	Avg. ksi:	15.76
Time :	0.062	S33 MAX ksi:	157.98	Avg. ksi:	15.35
Time :	0.064	S33 MAX ksi:	162.56	Avg. ksi:	14.42
Time :	0.066	S33 MAX ksi:	167.78	Avg. ksi:	13.57
Time :	0.068	S33 MAX ksi:	173.28	Avg. ksi:	13.91
Time :	0.070	S33 MAX ksi:	175.09	Avg. ksi:	15.20
Time :	0.072	S33 MAX ksi:	176.71	Avg. ksi:	16.06
Time :	0.074	S33 MAX ksi:	84.79	Avg. ksi:	0.00
Time :	0.076	S33 MAX ksi:	33.56	Avg. ksi:	2.79
Time :	0.077	S33 MAX ksi:	40.19	Avg. ksi:	4.35
OUTPUT BOLT COUNT : 18					
Time :	0.010	S33 MAX ksi:	0.95	Avg. ksi:	0.09
Time :	0.020	S33 MAX ksi:	36.97	Avg. ksi:	26.06
Time :	0.024	S33 MAX ksi:	44.77	Avg. ksi:	24.95
Time :	0.028	S33 MAX ksi:	83.27	Avg. ksi:	25.50
Time :	0.032	S33 MAX ksi:	97.11	Avg. ksi:	25.95
Time :	0.036	S33 MAX ksi:	120.95	Avg. ksi:	26.47
Time :	0.040	S33 MAX ksi:	128.76	Avg. ksi:	25.94
Time :	0.042	S33 MAX ksi:	131.50	Avg. ksi:	25.45
Time :	0.044	S33 MAX ksi:	135.27	Avg. ksi:	24.58
Time :	0.046	S33 MAX ksi:	138.55	Avg. ksi:	23.65
Time :	0.048	S33 MAX ksi:	141.76	Avg. ksi:	22.66
Time :	0.050	S33 MAX ksi:	143.54	Avg. ksi:	21.37
Time :	0.052	S33 MAX ksi:	144.62	Avg. ksi:	20.24
Time :	0.054	S33 MAX ksi:	145.59	Avg. ksi:	19.29
Time :	0.056	S33 MAX ksi:	147.48	Avg. ksi:	18.21
Time :	0.058	S33 MAX ksi:	148.14	Avg. ksi:	17.11
Time :	0.060	S33 MAX ksi:	150.29	Avg. ksi:	16.08
Time :	0.062	S33 MAX ksi:	152.18	Avg. ksi:	15.05
Time :	0.064	S33 MAX ksi:	155.64	Avg. ksi:	13.93
Time :	0.066	S33 MAX ksi:	161.39	Avg. ksi:	13.39
Time :	0.068	S33 MAX ksi:	160.72	Avg. ksi:	12.98
Time :	0.070	S33 MAX ksi:	147.29	Avg. ksi:	11.34
Time :	0.072	S33 MAX ksi:	76.52	Avg. ksi:	0.00
Time :	0.074	S33 MAX ksi:	27.14	Avg. ksi:	3.07
Time :	0.076	S33 MAX ksi:	55.26	Avg. ksi:	8.17
Time :	0.077	S33 MAX ksi:	45.07	Avg. ksi:	9.28

J-8

STRESS::BASKIN

JOB 911

BP.RPT_OUT;1

File: _6DRB5:[BASKIN.TEST.CUT.PRELOAD_B]BP.RPT_OUT;1
Last Modified: 11–NOV–1997 12:49
Owner UIC: [G42,BASKIN]

Length:	54 blocks
Longest record:	56 bytes
Priority:	100
Submit queue:	SYS$PRINT
Submitted:	11–NOV–1997 12:49
Printer queue:	SYS$PRINT
Printer device:	POSTMO::

OUTPUT BOLT COUNT : 00
OUTPUT BOLT COUNT : 01

Time :	0.010	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.020	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.024	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.028	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.032	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.036	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.040	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.042	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.044	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.046	PEEQ MAX %:	0.05	Avg. %:	0.01
Time :	0.048	PEEQ MAX %:	0.12	Avg. %:	0.03
Time :	0.050	PEEQ MAX %:	0.19	Avg. %:	0.05
Time :	0.052	PEEQ MAX %:	0.27	Avg. %:	0.07
Time :	0.054	PEEQ MAX %:	0.36	Avg. %:	0.11
Time :	0.056	PEEQ MAX %:	0.45	Avg. %:	0.16
Time :	0.058	PEEQ MAX %:	0.54	Avg. %:	0.22
Time :	0.060	PEEQ MAX %:	0.65	Avg. %:	0.27
Time :	0.062	PEEQ MAX %:	0.77	Avg. %:	0.33
Time :	0.064	PEEQ MAX %:	0.94	Avg. %:	0.42
Time :	0.066	PEEQ MAX %:	1.21	Avg. %:	0.58
Time :	0.068	PEEQ MAX %:	1.61	Avg. %:	0.80
Time :	0.070	PEEQ MAX %:	2.03	Avg. %:	1.02
Time :	0.072	PEEQ MAX %:	2.53	Avg. %:	1.31
Time :	0.074	PEEQ MAX %:	3.20	Avg. %:	1.75
Time :	0.076	PEEQ MAX %:	3.94	Avg. %:	2.19
Time :	0.077	PEEQ MAX %:	4.24	Avg. %:	2.41

OUTPUT BOLT COUNT : 02

Time :	0.010	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.020	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.024	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.028	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.032	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.036	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.040	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.042	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.044	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.046	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.048	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.050	PEEQ MAX %:	0.04	Avg. %:	0.01
Time :	0.052	PEEQ MAX %:	0.09	Avg. %:	0.02
Time :	0.054	PEEQ MAX %:	0.18	Avg. %:	0.04
Time :	0.056	PEEQ MAX %:	0.23	Avg. %:	0.06
Time :	0.058	PEEQ MAX %:	0.28	Avg. %:	0.10
Time :	0.060	PEEQ MAX %:	0.39	Avg. %:	0.15
Time :	0.062	PEEQ MAX %:	0.53	Avg. %:	0.22
Time :	0.064	PEEQ MAX %:	0.70	Avg. %:	0.31
Time :	0.066	PEEQ MAX %:	0.95	Avg. %:	0.46
Time :	0.068	PEEQ MAX %:	1.24	Avg. %:	0.63
Time :	0.070	PEEQ MAX %:	1.59	Avg. %:	0.83
Time :	0.072	PEEQ MAX %:	2.13	Avg. %:	1.20
Time :	0.074	PEEQ MAX %:	2.72	Avg. %:	1.65
Time :	0.076	PEEQ MAX %:	3.37	Avg. %:	2.19
Time :	0.077	PEEQ MAX %:	3.60	Avg. %:	2.43

OUTPUT BOLT COUNT : 03

Time :	0.010	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.020	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.024	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.028	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.032	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.036	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.040	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.042	PEEQ MAX %:	0.00	Avg. %:	0.00

Time :	0.044	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.046	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.048	PEEQ MAX %:	0.03	Avg. %:	0.01
Time :	0.050	PEEQ MAX %:	0.07	Avg. %:	0.02
Time :	0.052	PEEQ MAX %:	0.12	Avg. %:	0.03
Time :	0.054	PEEQ MAX %:	0.19	Avg. %:	0.05
Time :	0.056	PEEQ MAX %:	0.27	Avg. %:	0.08
Time :	0.058	PEEQ MAX %:	0.37	Avg. %:	0.12
Time :	0.060	PEEQ MAX %:	0.51	Avg. %:	0.19
Time :	0.062	PEEQ MAX %:	0.70	Avg. %:	0.30
Time :	0.064	PEEQ MAX %:	0.91	Avg. %:	0.42
Time :	0.066	PEEQ MAX %:	1.19	Avg. %:	0.58
Time :	0.068	PEEQ MAX %:	1.54	Avg. %:	0.77
Time :	0.070	PEEQ MAX %:	1.91	Avg. %:	0.97
Time :	0.072	PEEQ MAX %:	2.44	Avg. %:	1.31
Time :	0.074	PEEQ MAX %:	3.27	Avg. %:	1.89
Time :	0.076	PEEQ MAX %:	4.07	Avg. %:	2.32
Time :	0.077	PEEQ MAX %:	4.37	Avg. %:	2.55

OUTPUT BOLT COUNT : 04

Time :	0.010	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.020	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.024	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.028	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.032	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.036	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.040	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.042	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.044	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.046	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.048	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.050	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.052	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.054	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.056	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.058	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.060	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.062	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.064	PEEQ MAX %:	0.04	Avg. %:	0.01
Time :	0.066	PEEQ MAX %:	0.17	Avg. %:	0.08
Time :	0.068	PEEQ MAX %:	0.38	Avg. %:	0.18
Time :	0.070	PEEQ MAX %:	0.61	Avg. %:	0.29
Time :	0.072	PEEQ MAX %:	0.94	Avg. %:	0.52
Time :	0.074	PEEQ MAX %:	1.52	Avg. %:	0.94
Time :	0.076	PEEQ MAX %:	1.90	Avg. %:	1.16
Time :	0.077	PEEQ MAX %:	2.12	Avg. %:	1.30

OUTPUT BOLT COUNT : 05

Time :	0.010	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.020	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.024	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.028	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.032	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.036	PEEQ MAX %:	0.12	Avg. %:	0.03
Time :	0.040	PEEQ MAX %:	0.34	Avg. %:	0.15
Time :	0.042	PEEQ MAX %:	0.46	Avg. %:	0.21
Time :	0.044	PEEQ MAX %:	0.60	Avg. %:	0.28
Time :	0.046	PEEQ MAX %:	0.74	Avg. %:	0.36
Time :	0.048	PEEQ MAX %:	0.90	Avg. %:	0.44
Time :	0.050	PEEQ MAX %:	1.05	Avg. %:	0.52
Time :	0.052	PEEQ MAX %:	1.21	Avg. %:	0.60
Time :	0.054	PEEQ MAX %:	1.41	Avg. %:	0.70
Time :	0.056	PEEQ MAX %:	1.64	Avg. %:	0.82
Time :	0.058	PEEQ MAX %:	1.88	Avg. %:	0.96
Time :	0.060	PEEQ MAX %:	2.16	Avg. %:	1.12
Time :	0.062	PEEQ MAX %:	2.44	Avg. %:	1.27

Time :	0.064	PEEQ MAX %:	2.82	Avg. %:	1.48
Time :	0.066	PEEQ MAX %:	3.38	Avg. %:	1.82
Time :	0.068	PEEQ MAX %:	4.06	Avg. %:	2.22
Time :	0.070	PEEQ MAX %:	4.78	Avg. %:	2.69
Time :	0.072	PEEQ MAX %:	6.08	Avg. %:	3.69
Time :	0.074	PEEQ MAX %:	7.97	Avg. %:	5.16
Time :	0.076	PEEQ MAX %:	7.97	Avg. %:	6.70
Time :	0.077	PEEQ MAX %:	7.97	Avg. %:	7.97

OUTPUT BOLT COUNT : 06

Time :	0.010	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.020	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.024	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.028	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.032	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.036	PEEQ MAX %:	0.03	Avg. %:	0.01
Time :	0.040	PEEQ MAX %:	0.27	Avg. %:	0.13
Time :	0.042	PEEQ MAX %:	0.39	Avg. %:	0.19
Time :	0.044	PEEQ MAX %:	0.53	Avg. %:	0.26
Time :	0.046	PEEQ MAX %:	0.70	Avg. %:	0.35
Time :	0.048	PEEQ MAX %:	0.88	Avg. %:	0.44
Time :	0.050	PEEQ MAX %:	1.07	Avg. %:	0.53
Time :	0.052	PEEQ MAX %:	1.25	Avg. %:	0.62
Time :	0.054	PEEQ MAX %:	1.46	Avg. %:	0.72
Time :	0.056	PEEQ MAX %:	1.70	Avg. %:	0.86
Time :	0.058	PEEQ MAX %:	1.99	Avg. %:	1.04
Time :	0.060	PEEQ MAX %:	2.32	Avg. %:	1.25
Time :	0.062	PEEQ MAX %:	2.76	Avg. %:	1.58
Time :	0.064	PEEQ MAX %:	3.29	Avg. %:	2.00
Time :	0.066	PEEQ MAX %:	3.97	Avg. %:	2.55
Time :	0.068	PEEQ MAX %:	4.79	Avg. %:	3.19
Time :	0.070	PEEQ MAX %:	5.80	Avg. %:	3.84
Time :	0.072	PEEQ MAX %:	7.97	Avg. %:	7.17
Time :	0.074	PEEQ MAX %:	7.97	Avg. %:	7.97
Time :	0.076	PEEQ MAX %:	7.97	Avg. %:	7.97
Time :	0.077	PEEQ MAX %:	7.97	Avg. %:	7.97

OUTPUT BOLT COUNT : 07

Time :	0.010	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.020	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.024	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.028	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.032	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.036	PEEQ MAX %:	0.22	Avg. %:	0.08
Time :	0.040	PEEQ MAX %:	0.67	Avg. %:	0.31
Time :	0.042	PEEQ MAX %:	0.90	Avg. %:	0.43
Time :	0.044	PEEQ MAX %:	1.14	Avg. %:	0.56
Time :	0.046	PEEQ MAX %:	1.37	Avg. %:	0.71
Time :	0.048	PEEQ MAX %:	1.60	Avg. %:	0.90
Time :	0.050	PEEQ MAX %:	1.85	Avg. %:	1.10
Time :	0.052	PEEQ MAX %:	2.08	Avg. %:	1.29
Time :	0.054	PEEQ MAX %:	2.28	Avg. %:	1.46
Time :	0.056	PEEQ MAX %:	2.50	Avg. %:	1.66
Time :	0.058	PEEQ MAX %:	2.78	Avg. %:	1.89
Time :	0.060	PEEQ MAX %:	3.13	Avg. %:	2.18
Time :	0.062	PEEQ MAX %:	3.58	Avg. %:	2.56
Time :	0.064	PEEQ MAX %:	4.12	Avg. %:	3.00
Time :	0.066	PEEQ MAX %:	4.78	Avg. %:	3.52
Time :	0.068	PEEQ MAX %:	5.68	Avg. %:	4.12
Time :	0.070	PEEQ MAX %:	7.30	Avg. %:	4.76
Time :	0.072	PEEQ MAX %:	7.97	Avg. %:	7.97
Time :	0.074	PEEQ MAX %:	7.97	Avg. %:	7.97
Time :	0.076	PEEQ MAX %:	7.97	Avg. %:	7.97
Time :	0.077	PEEQ MAX %:	7.97	Avg. %:	7.97

OUTPUT BOLT COUNT : 08

Time :	0.010	PEEQ MAX %:	0.00	Avg. %:	0.00

Time :	0.020	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.024	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.028	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.032	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.036	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.040	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.042	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.044	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.046	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.048	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.050	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.052	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.054	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.056	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.058	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.060	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.062	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.064	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.066	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.068	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.070	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.072	PEEQ MAX %:	0.08	Avg. %:	0.02
Time :	0.074	PEEQ MAX %:	0.51	Avg. %:	0.21
Time :	0.076	PEEQ MAX %:	0.84	Avg. %:	0.46
Time :	0.077	PEEQ MAX %:	1.01	Avg. %:	0.69

OUTPUT BOLT COUNT : 09

Time :	0.010	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.020	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.024	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.028	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.032	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.036	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.040	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.042	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.044	PEEQ MAX %:	0.07	Avg. %:	0.04
Time :	0.046	PEEQ MAX %:	0.21	Avg. %:	0.13
Time :	0.048	PEEQ MAX %:	0.35	Avg. %:	0.23
Time :	0.050	PEEQ MAX %:	0.49	Avg. %:	0.34
Time :	0.052	PEEQ MAX %:	0.62	Avg. %:	0.46
Time :	0.054	PEEQ MAX %:	0.76	Avg. %:	0.59
Time :	0.056	PEEQ MAX %:	0.90	Avg. %:	0.72
Time :	0.058	PEEQ MAX %:	1.00	Avg. %:	0.81
Time :	0.060	PEEQ MAX %:	1.10	Avg. %:	0.90
Time :	0.062	PEEQ MAX %:	1.23	Avg. %:	1.02
Time :	0.064	PEEQ MAX %:	1.50	Avg. %:	1.25
Time :	0.066	PEEQ MAX %:	1.82	Avg. %:	1.54
Time :	0.068	PEEQ MAX %:	2.26	Avg. %:	1.90
Time :	0.070	PEEQ MAX %:	2.71	Avg. %:	2.27
Time :	0.072	PEEQ MAX %:	3.31	Avg. %:	2.75
Time :	0.074	PEEQ MAX %:	5.71	Avg. %:	4.45
Time :	0.076	PEEQ MAX %:	7.97	Avg. %:	7.97
Time :	0.077	PEEQ MAX %:	7.97	Avg. %:	7.97

OUTPUT BOLT COUNT : 10

Time :	0.010	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.020	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.024	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.028	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.032	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.036	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.040	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.042	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.044	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.046	PEEQ MAX %:	0.00	Avg. %:	0.00
Time :	0.048	PEEQ MAX %:	0.00	Avg. %:	0.00

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Time :	0.050	PEEQ MAX %:	0.07	Avg. %:	0.03	
Time :	0.052	PEEQ MAX %:	0.20	Avg. %:	0.11	
Time :	0.054	PEEQ MAX %:	0.36	Avg. %:	0.21	
Time :	0.056	PEEQ MAX %:	0.55	Avg. %:	0.34	
Time :	0.058	PEEQ MAX %:	0.77	Avg. %:	0.51	
Time :	0.060	PEEQ MAX %:	1.00	Avg. %:	0.71	
Time :	0.062	PEEQ MAX %:	1.30	Avg. %:	0.98	
Time :	0.064	PEEQ MAX %:	1.68	Avg. %:	1.31	
Time :	0.066	PEEQ MAX %:	2.19	Avg. %:	1.74	
Time :	0.068	PEEQ MAX %:	2.84	Avg. %:	2.29	
Time :	0.070	PEEQ MAX %:	3.56	Avg. %:	2.86	
Time :	0.072	PEEQ MAX %:	4.76	Avg. %:	3.62	
Time :	0.074	PEEQ MAX %:	7.97	Avg. %:	7.97	←
Time :	0.076	PEEQ MAX %:	7.97	Avg. %:	7.97	
Time :	0.077	PEEQ MAX %:	7.97	Avg. %:	7.97	
OUTPUT BOLT COUNT : 11						
Time :	0.010	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.020	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.024	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.028	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.032	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.036	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.040	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.042	PEEQ MAX %:	0.03	Avg. %:	0.01	
Time :	0.044	PEEQ MAX %:	0.12	Avg. %:	0.05	
Time :	0.046	PEEQ MAX %:	0.23	Avg. %:	0.11	
Time :	0.048	PEEQ MAX %:	0.35	Avg. %:	0.18	
Time :	0.050	PEEQ MAX %:	0.48	Avg. %:	0.27	
Time :	0.052	PEEQ MAX %:	0.61	Avg. %:	0.36	
Time :	0.054	PEEQ MAX %:	0.72	Avg. %:	0.45	
Time :	0.056	PEEQ MAX %:	0.88	Avg. %:	0.57	
Time :	0.058	PEEQ MAX %:	1.10	Avg. %:	0.77	
Time :	0.060	PEEQ MAX %:	1.42	Avg. %:	1.05	
Time :	0.062	PEEQ MAX %:	1.77	Avg. %:	1.37	
Time :	0.064	PEEQ MAX %:	2.18	Avg. %:	1.74	
Time :	0.066	PEEQ MAX %:	2.73	Avg. %:	2.22	
Time :	0.068	PEEQ MAX %:	3.39	Avg. %:	2.77	
Time :	0.070	PEEQ MAX %:	4.18	Avg. %:	3.32	
Time :	0.072	PEEQ MAX %:	5.89	Avg. %:	4.25	←
Time :	0.074	PEEQ MAX %:	7.97	Avg. %:	7.97	
Time :	0.076	PEEQ MAX %:	7.97	Avg. %:	7.97	
Time :	0.077	PEEQ MAX %:	7.97	Avg. %:	7.97	
OUTPUT BOLT COUNT : 12						
Time :	0.010	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.020	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.024	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.028	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.032	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.036	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.040	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.042	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.044	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.046	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.048	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.050	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.052	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.054	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.056	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.058	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.060	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.062	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.064	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.066	PEEQ MAX %:	0.12	Avg. %:	0.03	
Time :	0.068	PEEQ MAX %:	0.30	Avg. %:	0.09	

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Time :	0.070	PEEQ MAX %:	0.43	Avg. %:	0.15	
Time :	0.072	PEEQ MAX %:	0.61	Avg. %:	0.27	
Time :	0.074	PEEQ MAX %:	0.95	Avg. %:	0.45	
Time :	0.076	PEEQ MAX %:	1.57	Avg. %:	0.83	
Time :	0.077	PEEQ MAX %:	1.97	Avg. %:	1.11	
OUTPUT BOLT COUNT : 13						
Time :	0.010	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.020	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.024	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.028	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.032	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.036	PEEQ MAX %:	0.16	Avg. %:	0.04	
Time :	0.040	PEEQ MAX %:	0.41	Avg. %:	0.16	
Time :	0.042	PEEQ MAX %:	0.52	Avg. %:	0.22	
Time :	0.044	PEEQ MAX %:	0.66	Avg. %:	0.29	
Time :	0.046	PEEQ MAX %:	0.82	Avg. %:	0.37	
Time :	0.048	PEEQ MAX %:	0.98	Avg. %:	0.45	
Time :	0.050	PEEQ MAX %:	1.15	Avg. %:	0.55	
Time :	0.052	PEEQ MAX %:	1.32	Avg. %:	0.66	
Time :	0.054	PEEQ MAX %:	1.51	Avg. %:	0.78	
Time :	0.056	PEEQ MAX %:	1.72	Avg. %:	0.91	
Time :	0.058	PEEQ MAX %:	1.88	Avg. %:	1.00	
Time :	0.060	PEEQ MAX %:	2.00	Avg. %:	1.08	
Time :	0.062	PEEQ MAX %:	2.19	Avg. %:	1.21	
Time :	0.064	PEEQ MAX %:	2.52	Avg. %:	1.47	
Time :	0.066	PEEQ MAX %:	2.95	Avg. %:	1.82	
Time :	0.068	PEEQ MAX %:	3.46	Avg. %:	2.21	
Time :	0.070	PEEQ MAX %:	4.03	Avg. %:	2.64	
Time :	0.072	PEEQ MAX %:	4.75	Avg. %:	3.18	
Time :	0.074	PEEQ MAX %:	6.55	Avg. %:	4.62	
Time :	0.076	PEEQ MAX %:	7.97	Avg. %:	6.82	←
Time :	0.077	PEEQ MAX %:	7.97	Avg. %:	7.97	
OUTPUT BOLT COUNT : 14						
Time :	0.010	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.020	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.024	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.028	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.032	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.036	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.040	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.042	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.044	PEEQ MAX %:	0.01	Avg. %:	0.00	
Time :	0.046	PEEQ MAX %:	0.12	Avg. %:	0.05	
Time :	0.048	PEEQ MAX %:	0.26	Avg. %:	0.12	
Time :	0.050	PEEQ MAX %:	0.41	Avg. %:	0.20	
Time :	0.052	PEEQ MAX %:	0.56	Avg. %:	0.28	
Time :	0.054	PEEQ MAX %:	0.73	Avg. %:	0.39	
Time :	0.056	PEEQ MAX %:	0.95	Avg. %:	0.52	
Time :	0.058	PEEQ MAX %:	1.19	Avg. %:	0.71	
Time :	0.060	PEEQ MAX %:	1.48	Avg. %:	0.95	
Time :	0.062	PEEQ MAX %:	1.82	Avg. %:	1.26	
Time :	0.064	PEEQ MAX %:	2.22	Avg. %:	1.63	
Time :	0.066	PEEQ MAX %:	2.77	Avg. %:	2.12	
Time :	0.068	PEEQ MAX %:	3.46	Avg. %:	2.72	
Time :	0.070	PEEQ MAX %:	4.23	Avg. %:	3.31	
Time :	0.072	PEEQ MAX %:	5.66	Avg. %:	4.12	
Time :	0.074	PEEQ MAX %:	7.97	Avg. %:	7.97	←
Time :	0.076	PEEQ MAX %:	7.97	Avg. %:	7.97	
Time :	0.077	PEEQ MAX %:	7.97	Avg. %:	7.97	
OUTPUT BOLT COUNT : 15						
Time :	0.010	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.020	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.024	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.028	PEEQ MAX %:	0.00	Avg. %:	0.00	

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Time :	0.032	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.036	PEEQ MAX %:	0.07	Avg. %:	0.02	
Time :	0.040	PEEQ MAX %:	0.40	Avg. %:	0.18	
Time :	0.042	PEEQ MAX %:	0.61	Avg. %:	0.27	
Time :	0.044	PEEQ MAX %:	0.79	Avg. %:	0.36	
Time :	0.046	PEEQ MAX %:	0.97	Avg. %:	0.45	
Time :	0.048	PEEQ MAX %:	1.16	Avg. %:	0.54	
Time :	0.050	PEEQ MAX %:	1.33	Avg. %:	0.65	
Time :	0.052	PEEQ MAX %:	1.49	Avg. %:	0.75	
Time :	0.054	PEEQ MAX %:	1.61	Avg. %:	0.84	
Time :	0.056	PEEQ MAX %:	1.77	Avg. %:	0.97	
Time :	0.058	PEEQ MAX %:	2.01	Avg. %:	1.18	
Time :	0.060	PEEQ MAX %:	2.36	Avg. %:	1.49	
Time :	0.062	PEEQ MAX %:	2.77	Avg. %:	1.86	
Time :	0.064	PEEQ MAX %:	3.20	Avg. %:	2.24	
Time :	0.066	PEEQ MAX %:	3.77	Avg. %:	2.75	
Time :	0.068	PEEQ MAX %:	4.44	Avg. %:	3.33	
Time :	0.070	PEEQ MAX %:	5.24	Avg. %:	3.90	
Time :	0.072	PEEQ MAX %:	7.97	Avg. %:	6.02	←
Time :	0.074	PEEQ MAX %:	7.97	Avg. %:	7.97	
Time :	0.076	PEEQ MAX %:	7.97	Avg. %:	7.97	
Time :	0.077	PEEQ MAX %:	7.97	Avg. %:	7.97	
OUTPUT BOLT COUNT : 16						
Time :	0.010	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.020	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.024	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.028	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.032	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.036	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.040	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.042	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.044	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.046	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.048	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.050	PEEQ MAX %:	0.00	Avg. %:	0.00	
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Time :	0.054	PEEQ MAX %:	0.00	Avg. %:	0.00	
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Time :	0.064	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.066	PEEQ MAX %:	0.07	Avg. %:	0.02	
Time :	0.068	PEEQ MAX %:	0.19	Avg. %:	0.05	
Time :	0.070	PEEQ MAX %:	0.32	Avg. %:	0.13	
Time :	0.072	PEEQ MAX %:	0.44	Avg. %:	0.22	
Time :	0.074	PEEQ MAX %:	0.89	Avg. %:	0.48	
Time :	0.076	PEEQ MAX %:	1.70	Avg. %:	0.98	
Time :	0.077	PEEQ MAX %:	2.16	Avg. %:	1.34	
OUTPUT BOLT COUNT : 17						
Time :	0.010	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.020	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.024	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.028	PEEQ MAX %:	0.00	Avg. %:	0.00	
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Time :	0.036	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.040	PEEQ MAX %:	0.20	Avg. %:	0.09	
Time :	0.042	PEEQ MAX %:	0.33	Avg. %:	0.15	
Time :	0.044	PEEQ MAX %:	0.48	Avg. %:	0.23	
Time :	0.046	PEEQ MAX %:	0.65	Avg. %:	0.32	
Time :	0.048	PEEQ MAX %:	0.82	Avg. %:	0.42	
Time :	0.050	PEEQ MAX %:	1.00	Avg. %:	0.53	
Time :	0.052	PEEQ MAX %:	1.19	Avg. %:	0.66	
Time :	0.054	PEEQ MAX %:	1.42	Avg. %:	0.85	

_6DRB5:[BASKIN.TEST.CUT.PRELOAD_B]BP.RPT_OUT;1 11-NOV-1997 12:49 Page 8

Time :	0.056	PEEQ MAX %:	1.69	Avg. %:	1.07	
Time :	0.058	PEEQ MAX %:	1.93	Avg. %:	1.27	
Time :	0.060	PEEQ MAX %:	2.16	Avg. %:	1.46	
Time :	0.062	PEEQ MAX %:	2.41	Avg. %:	1.66	
Time :	0.064	PEEQ MAX %:	2.75	Avg. %:	1.93	
Time :	0.066	PEEQ MAX %:	3.24	Avg. %:	2.35	
Time :	0.068	PEEQ MAX %:	3.79	Avg. %:	2.80	
Time :	0.070	PEEQ MAX %:	4.37	Avg. %:	3.29	
Time :	0.072	PEEQ MAX %:	5.13	Avg. %:	3.98	
Time :	0.074	PEEQ MAX %:	7.97	Avg. %:	6.05	←
Time :	0.076	PEEQ MAX %:	7.97	Avg. %:	7.97	
Time :	0.077	PEEQ MAX %:	7.97	Avg. %:	7.97	
OUTPUT BOLT COUNT : 18						
Time :	0.010	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.020	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.024	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.028	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.032	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.036	PEEQ MAX %:	0.00	Avg. %:	0.00	
Time :	0.040	PEEQ MAX %:	0.20	Avg. %:	0.06	
Time :	0.042	PEEQ MAX %:	0.32	Avg. %:	0.12	
Time :	0.044	PEEQ MAX %:	0.47	Avg. %:	0.19	
Time :	0.046	PEEQ MAX %:	0.64	Avg. %:	0.28	
Time :	0.048	PEEQ MAX %:	0.82	Avg. %:	0.37	
Time :	0.050	PEEQ MAX %:	0.99	Avg. %:	0.46	
Time :	0.052	PEEQ MAX %:	1.16	Avg. %:	0.59	
Time :	0.054	PEEQ MAX %:	1.35	Avg. %:	0.75	
Time :	0.056	PEEQ MAX %:	1.58	Avg. %:	0.95	
Time :	0.058	PEEQ MAX %:	1.82	Avg. %:	1.19	
Time :	0.060	PEEQ MAX %:	2.13	Avg. %:	1.48	
Time :	0.062	PEEQ MAX %:	2.51	Avg. %:	1.86	
Time :	0.064	PEEQ MAX %:	2.98	Avg. %:	2.31	
Time :	0.066	PEEQ MAX %:	3.58	Avg. %:	2.86	
Time :	0.068	PEEQ MAX %:	4.35	Avg. %:	3.47	
Time :	0.070	PEEQ MAX %:	5.75	Avg. %:	4.12	
Time :	0.072	PEEQ MAX %:	7.97	Avg. %:	7.08	←
Time :	0.074	PEEQ MAX %:	7.97	Avg. %:	7.97	
Time :	0.076	PEEQ MAX %:	7.97	Avg. %:	7.97	
Time :	0.077	PEEQ MAX %:	7.97	Avg. %:	7.97	

J-11

STRESS::BASKIN

JOB 914

BP_PLOT.PS;1

File: _6DRB5:[BASKIN.TEST.CUT.PRELOAD_B]BP_PLOT.PS;1
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Longest record:	95 bytes
Priority:	100
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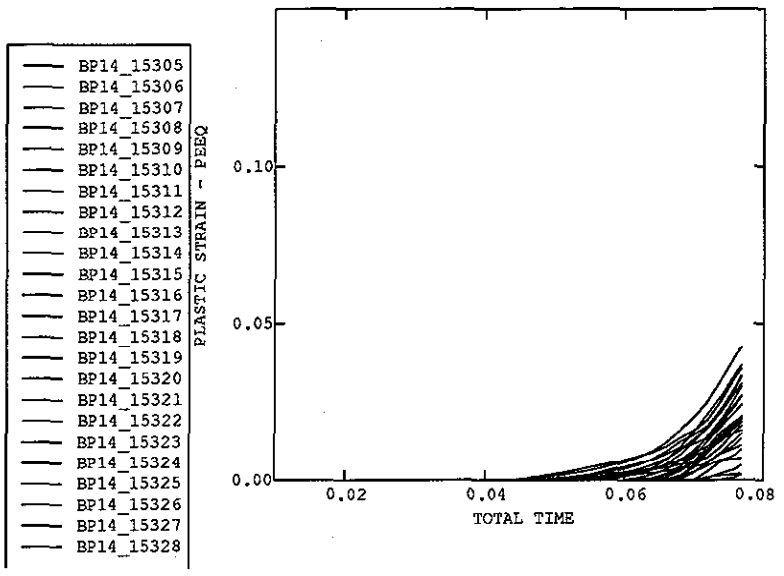
Submitted:	11-NOV-1997 12:50
Printer queue:	SYS$PRINT
Printer device:	POSTMO::

Item J-11 : Figure: Bolt Plastic Strain History Plots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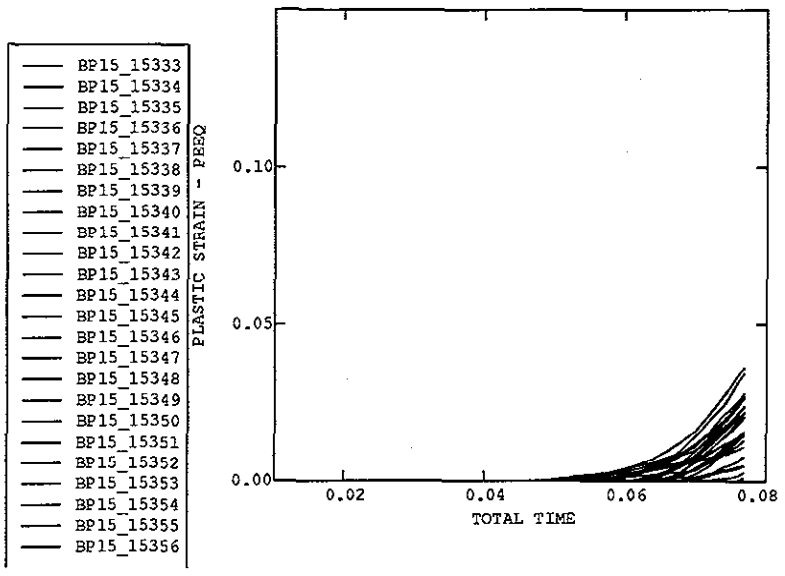
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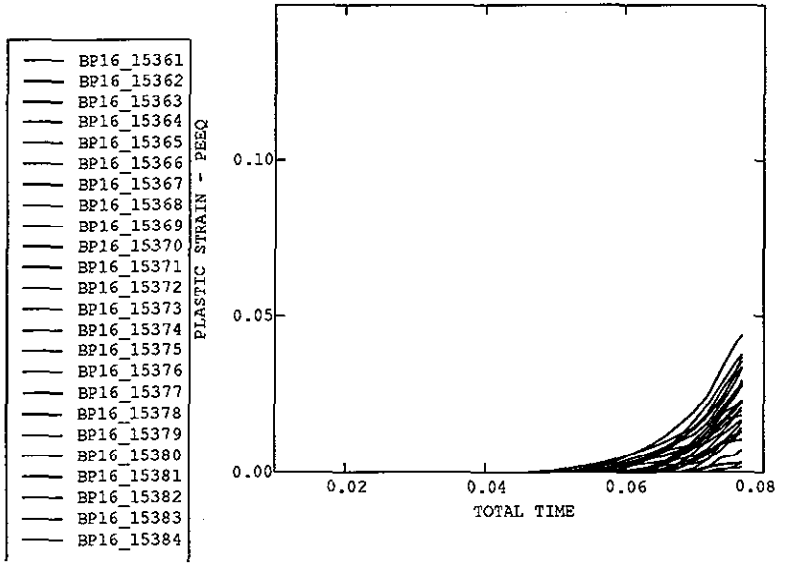
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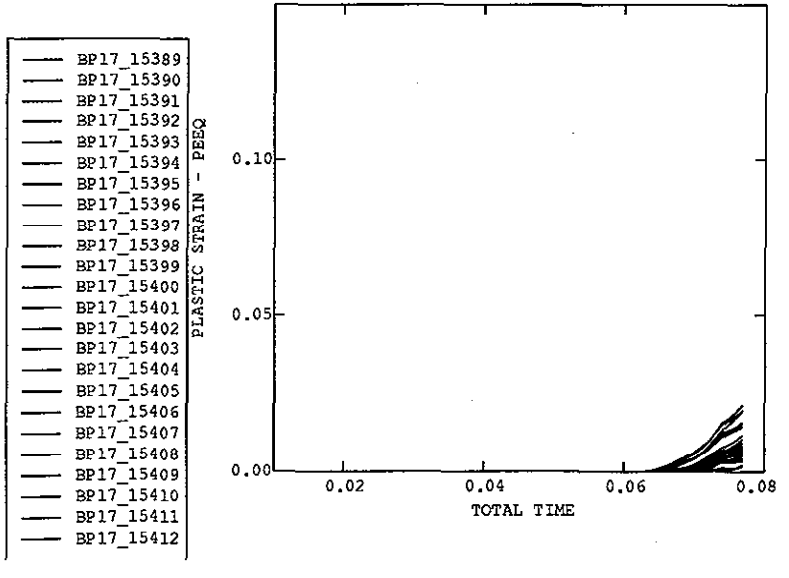
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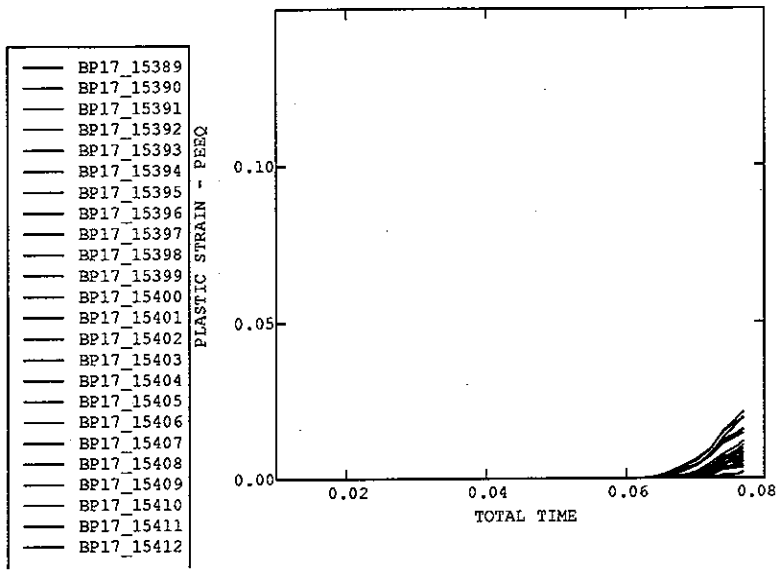
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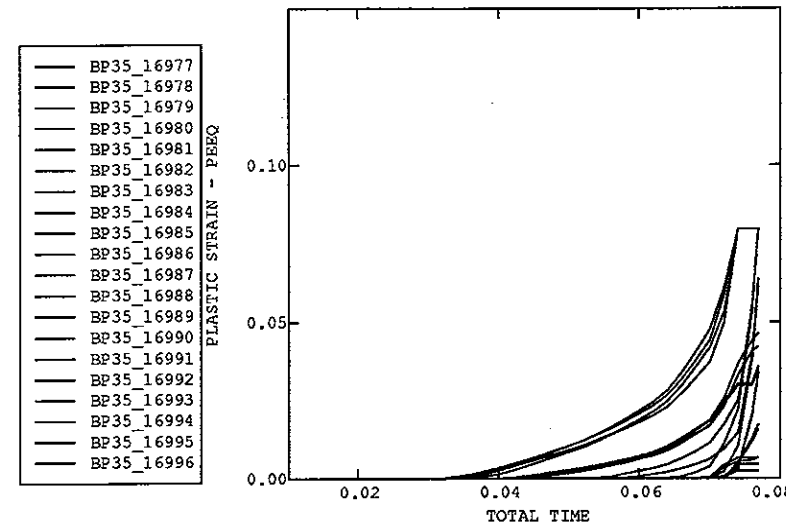
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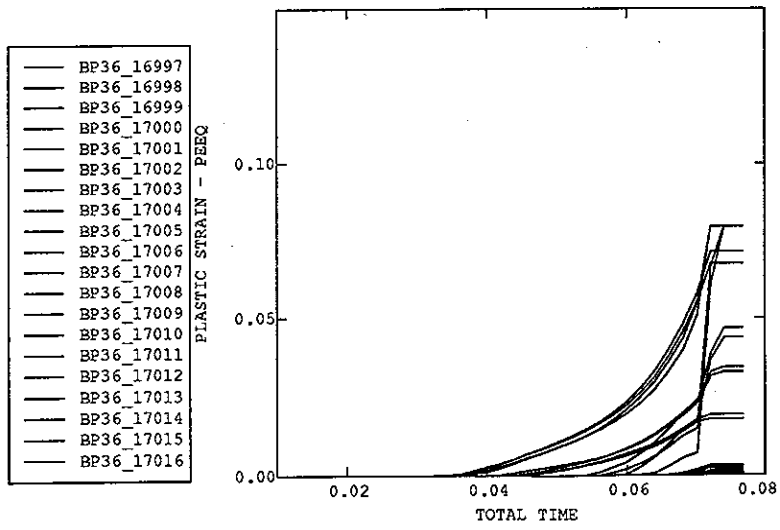
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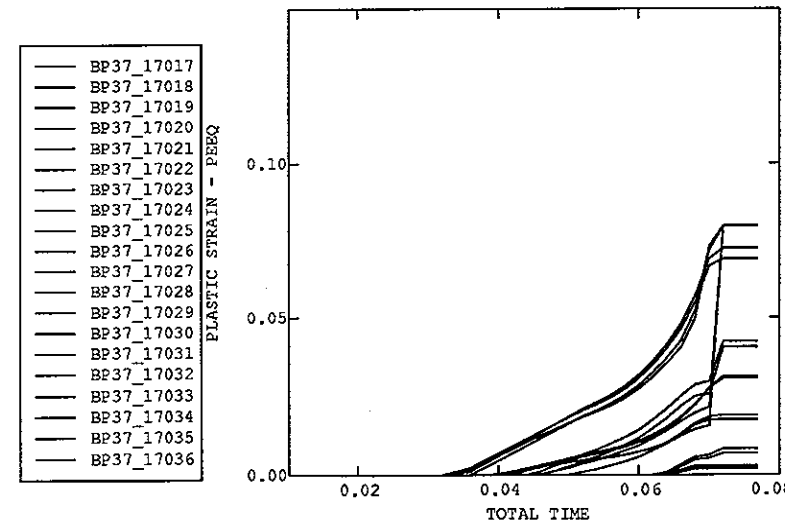
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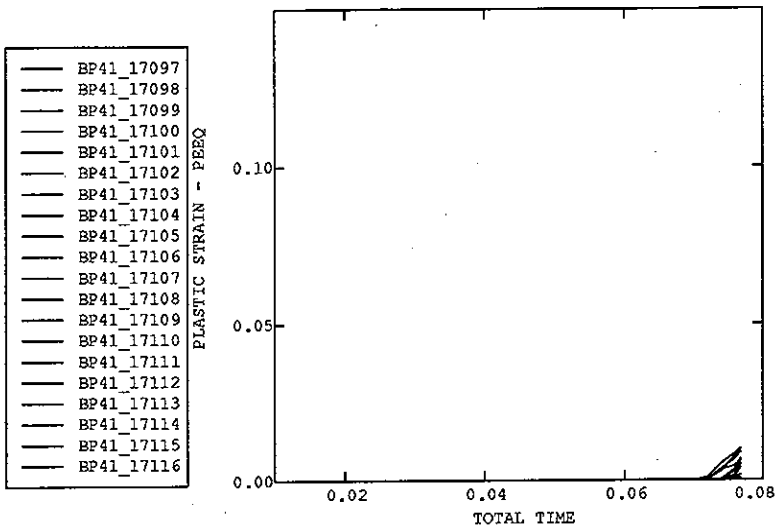
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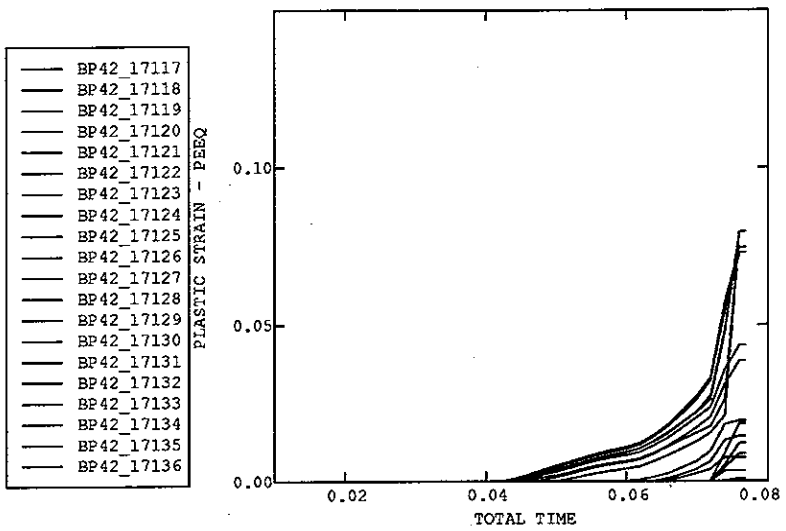
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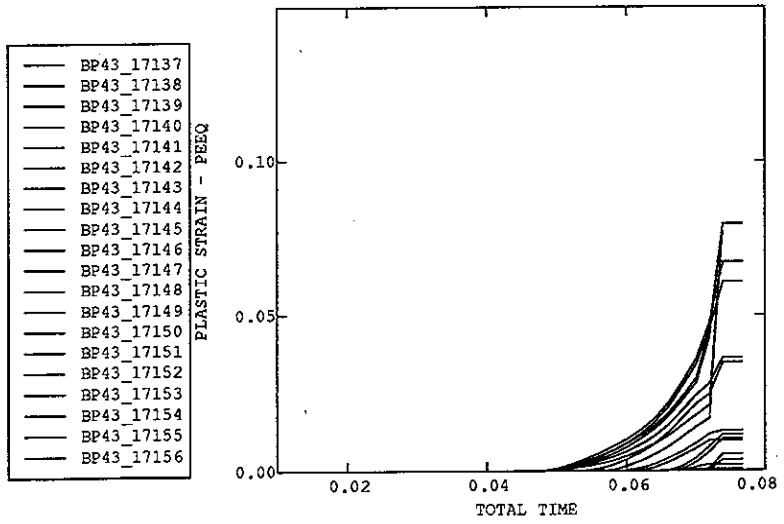
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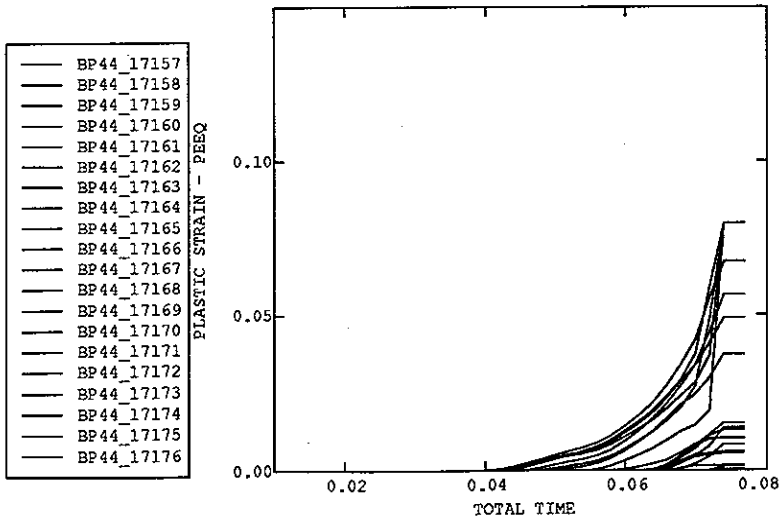
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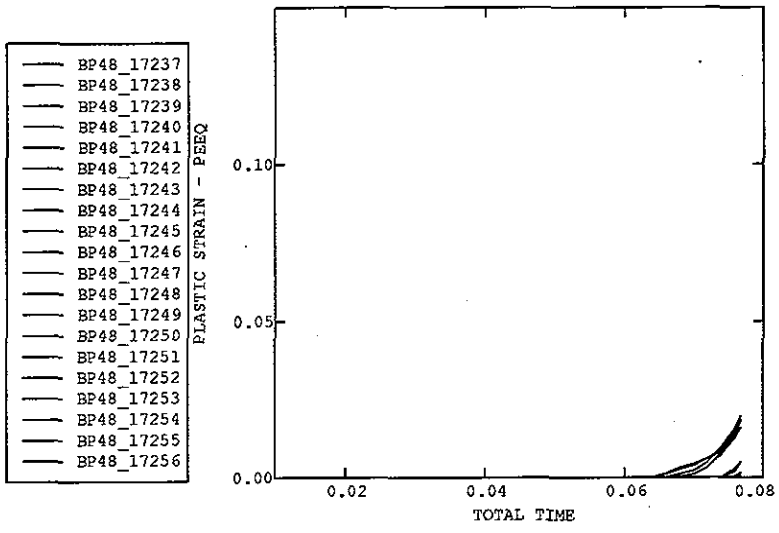
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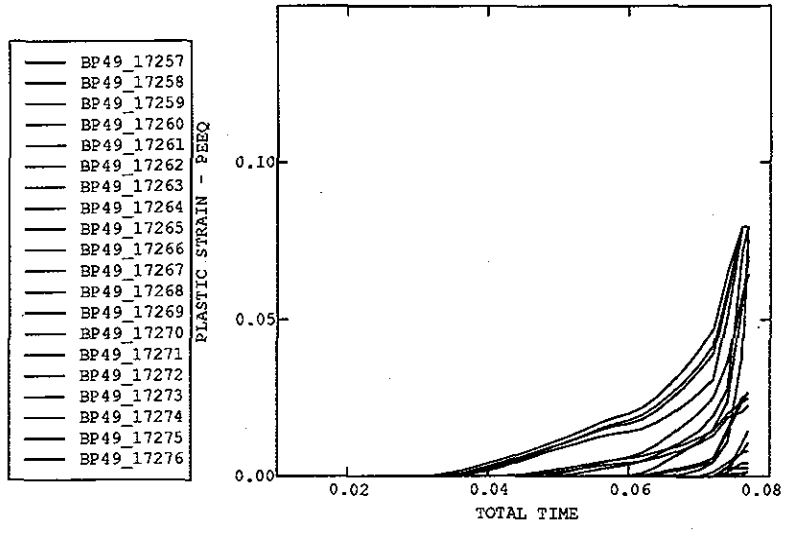
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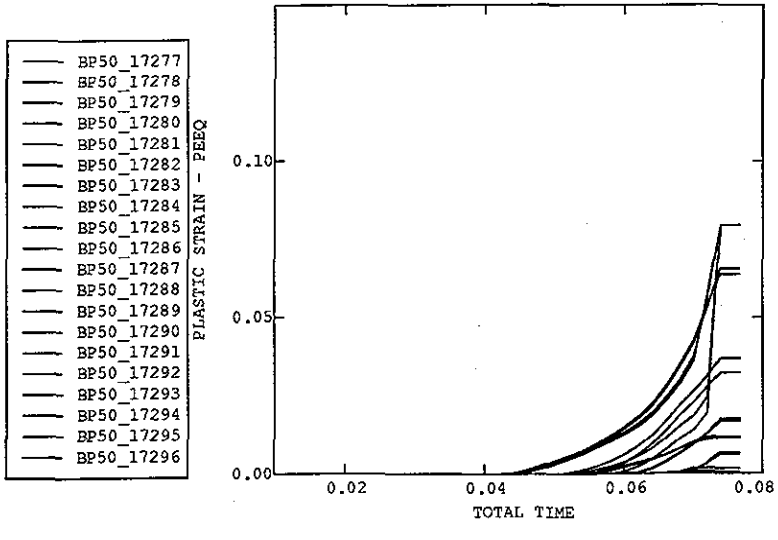
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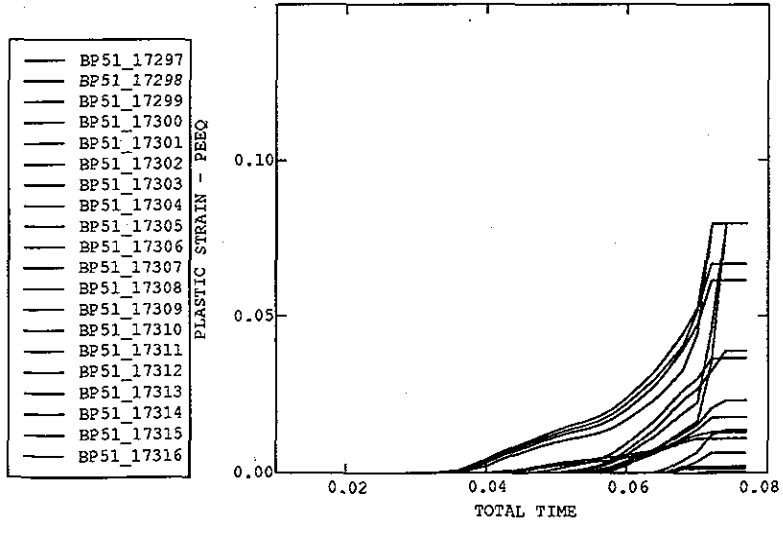
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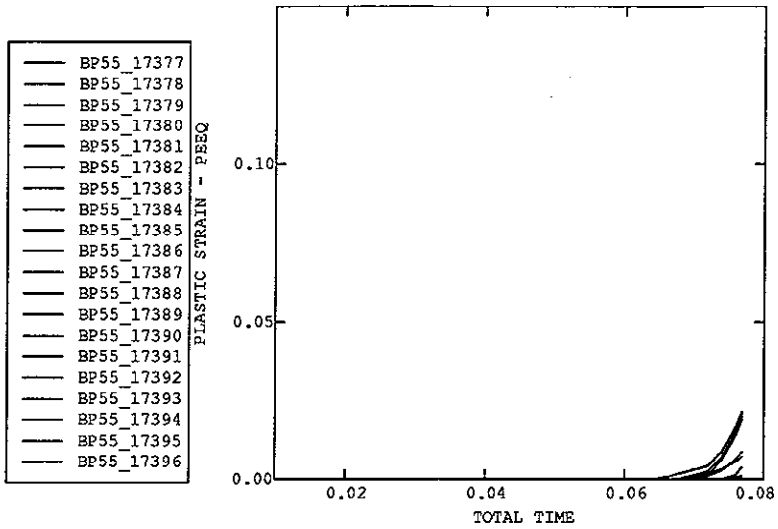
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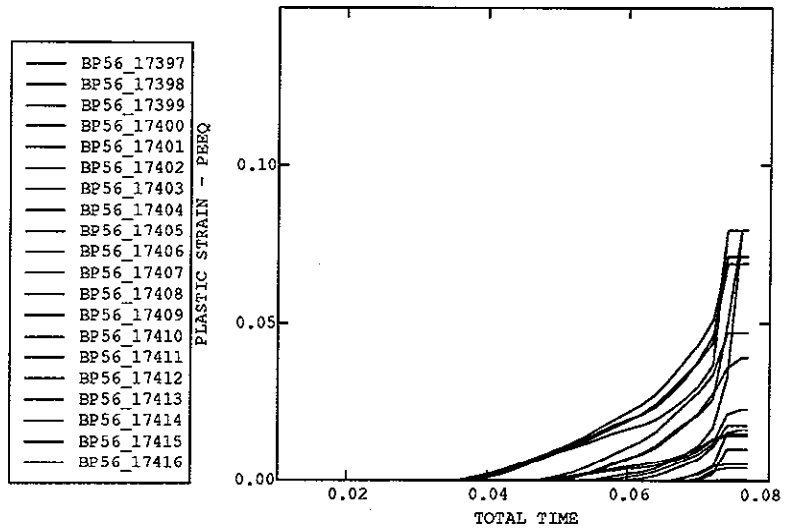
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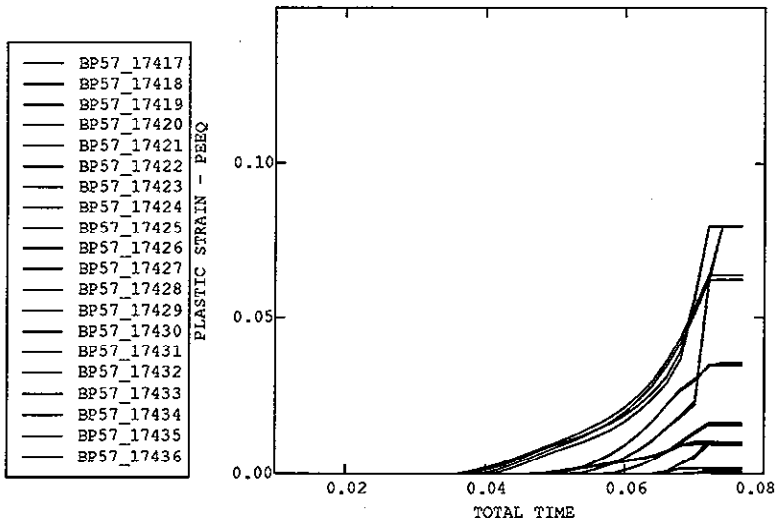
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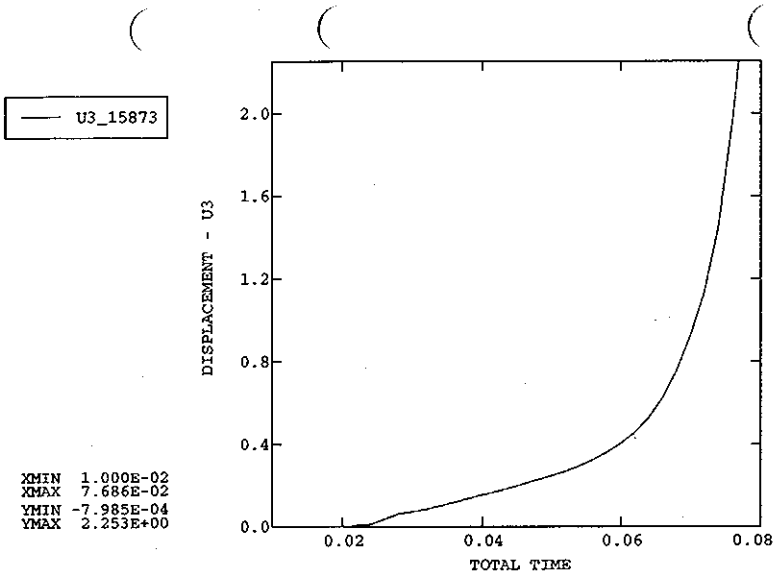
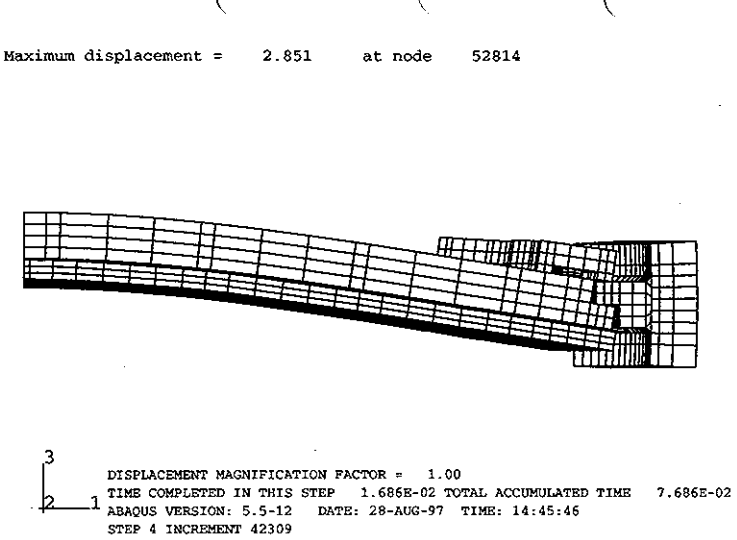
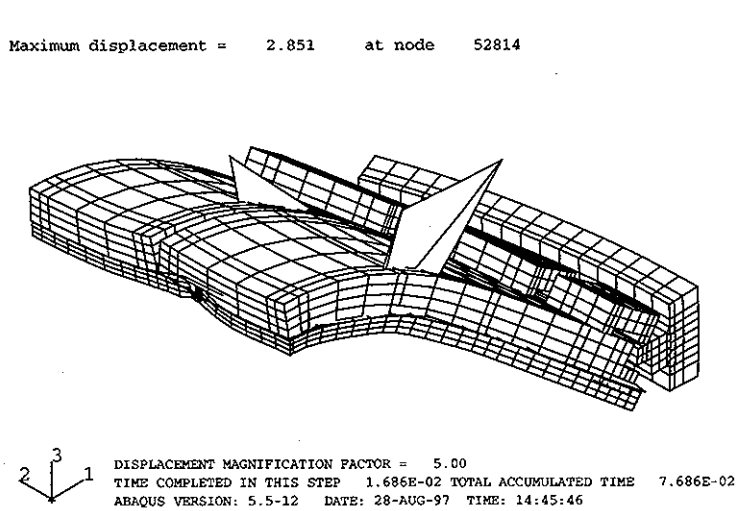
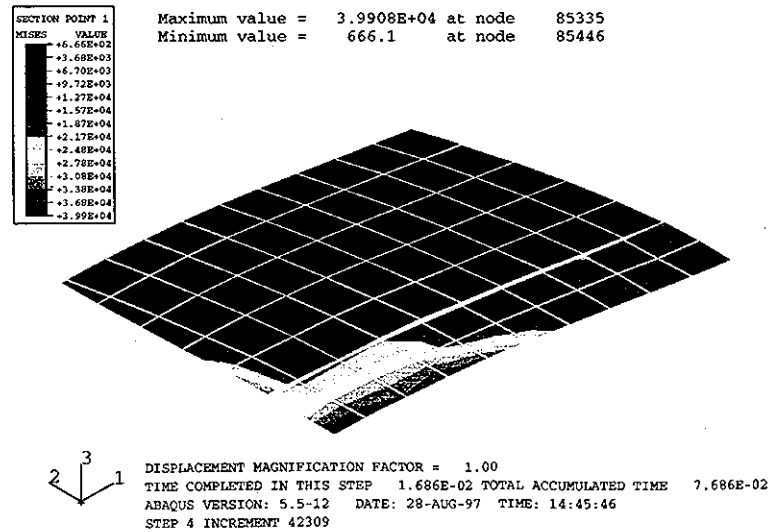
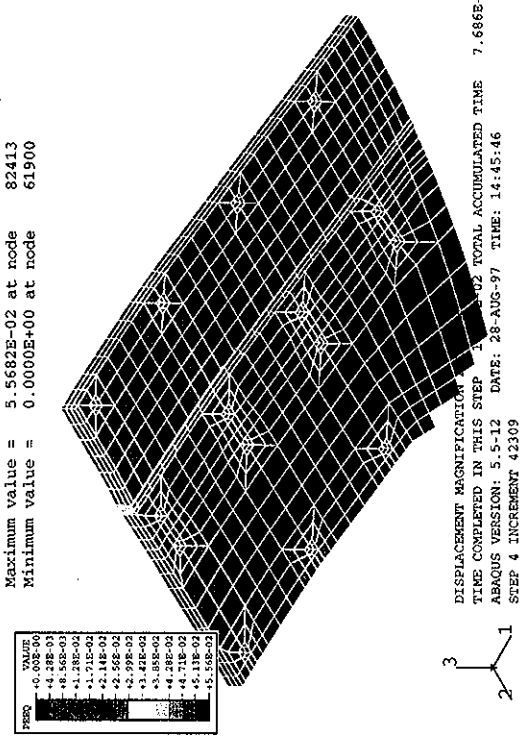


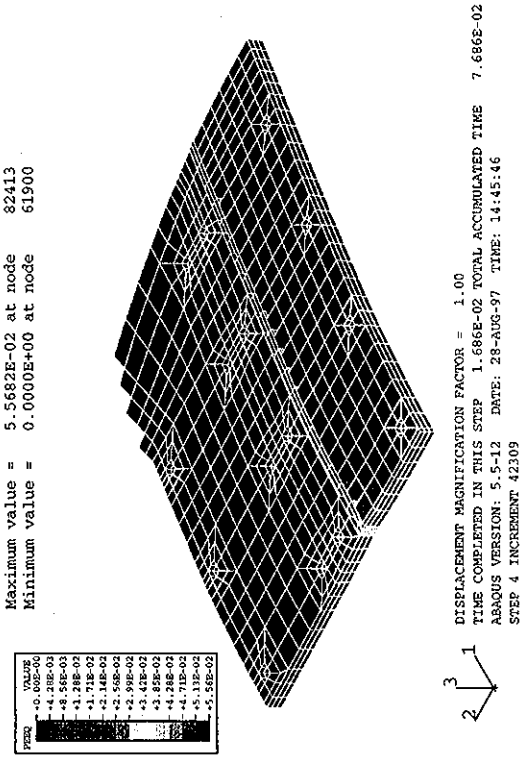


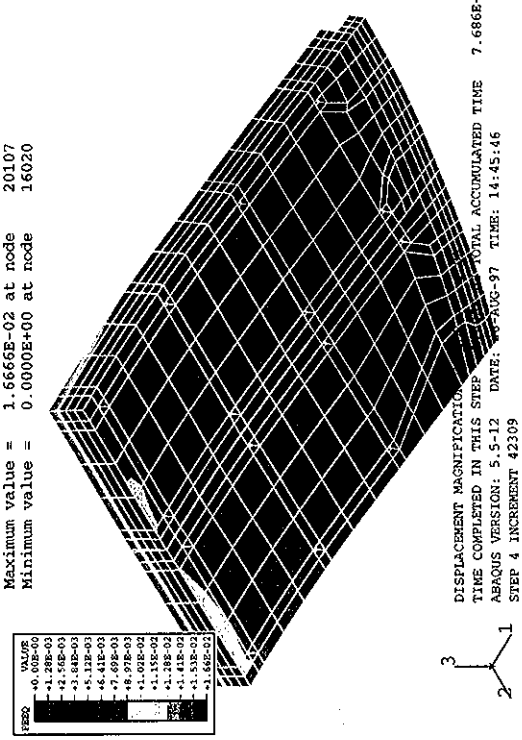


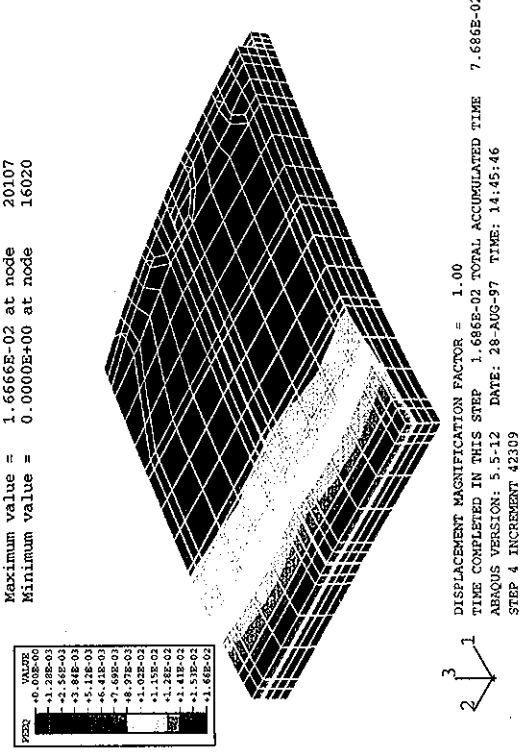


Item J-17 : Figure: Model Displacement and Sealing Skin Mises Contour Plots

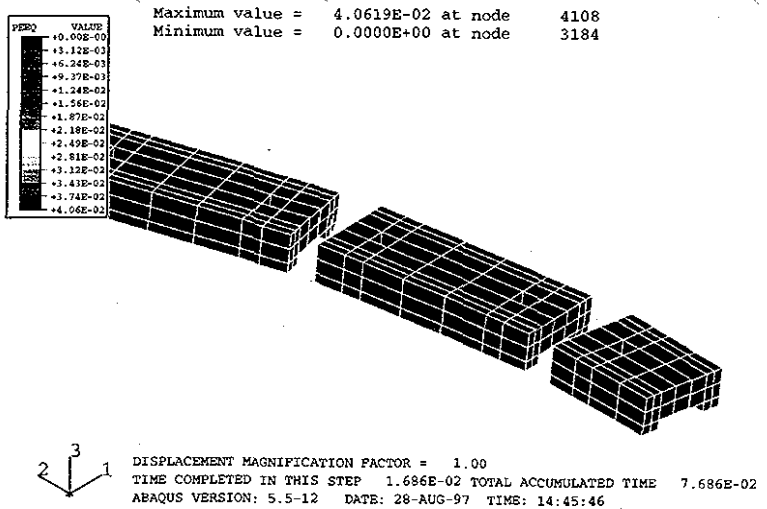


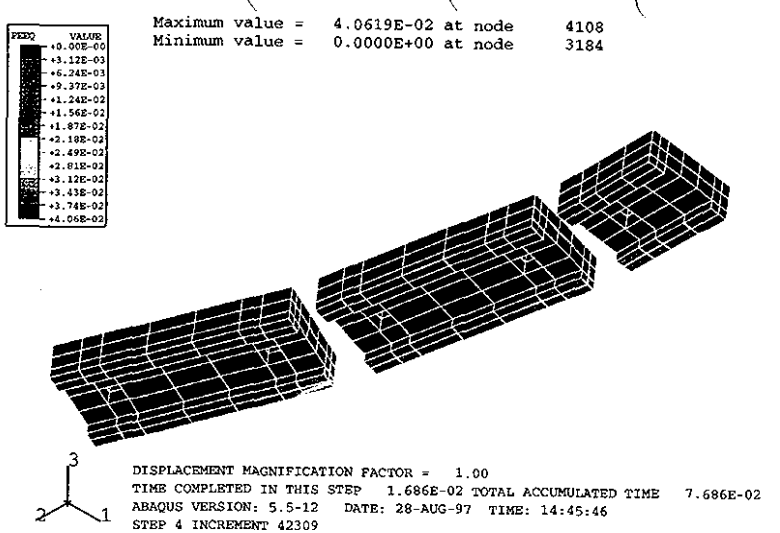


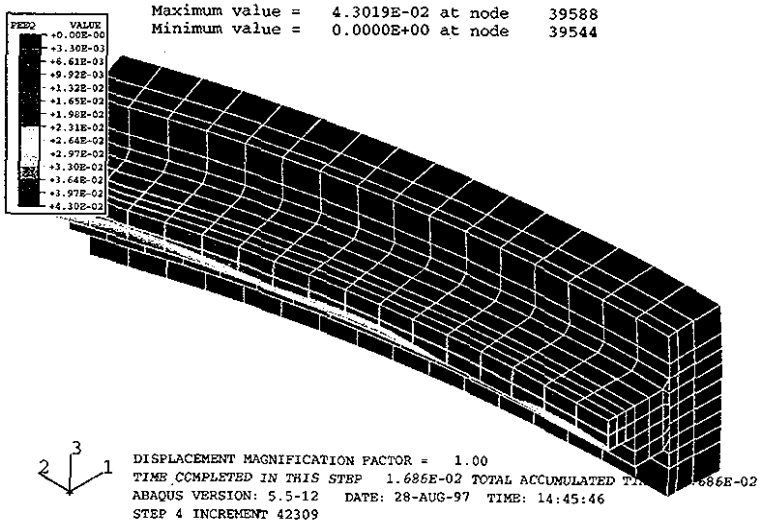


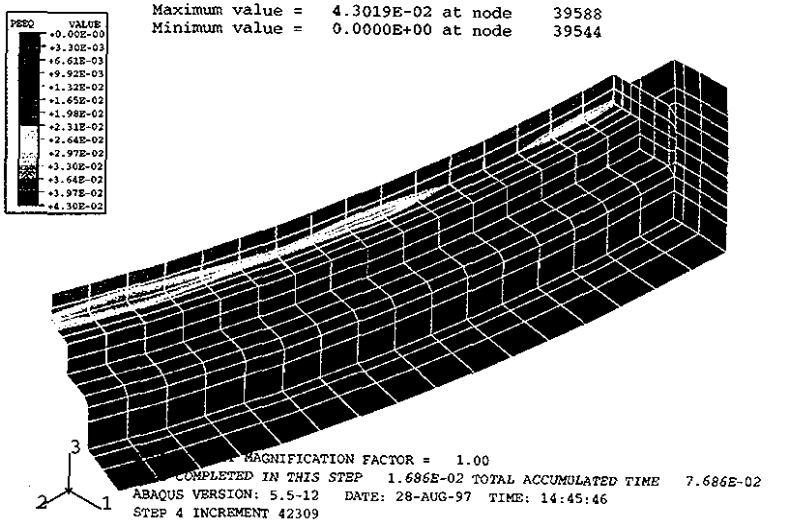


Item J-18 : Figure: Clamp Plate and Divider Plate Plastic Strain Contour Plots

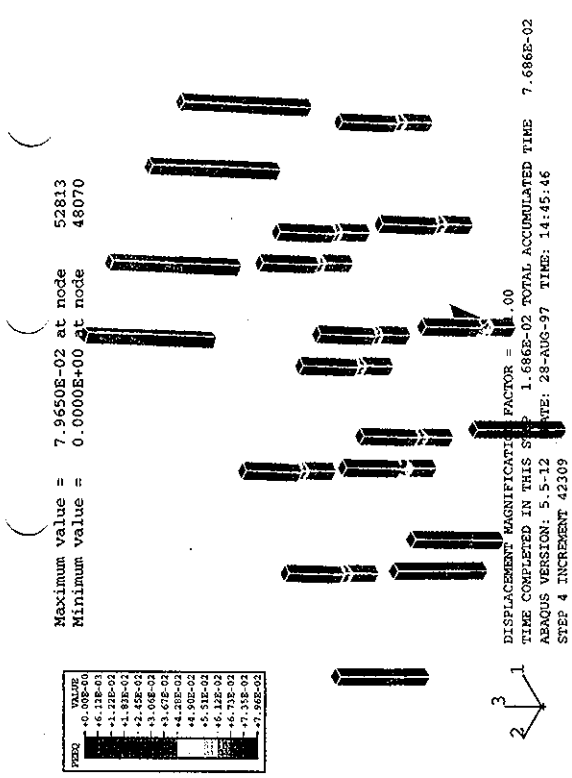


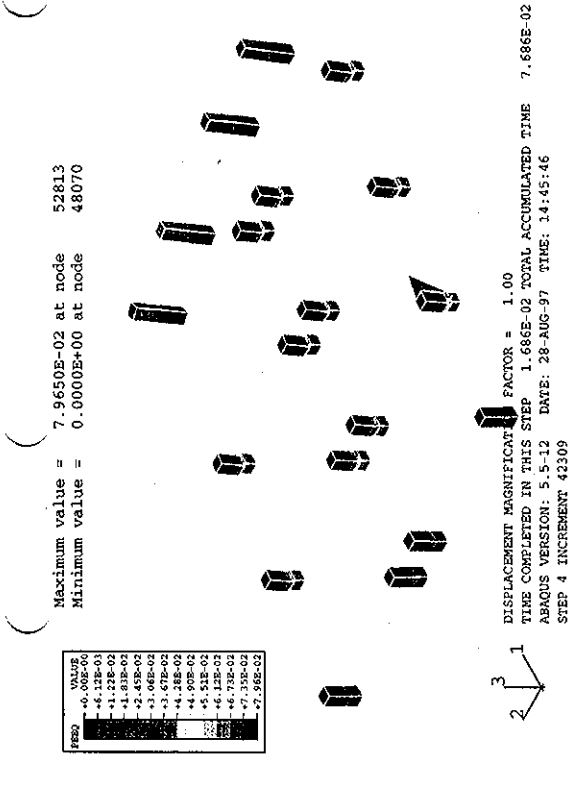


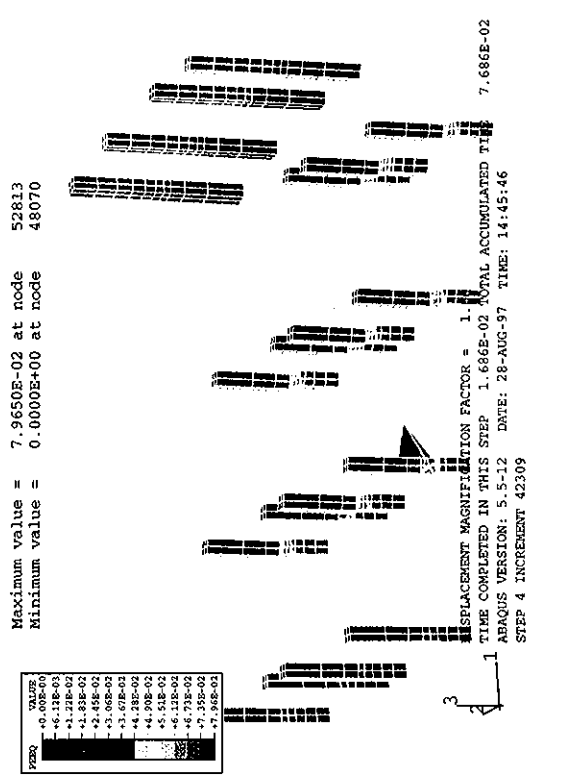


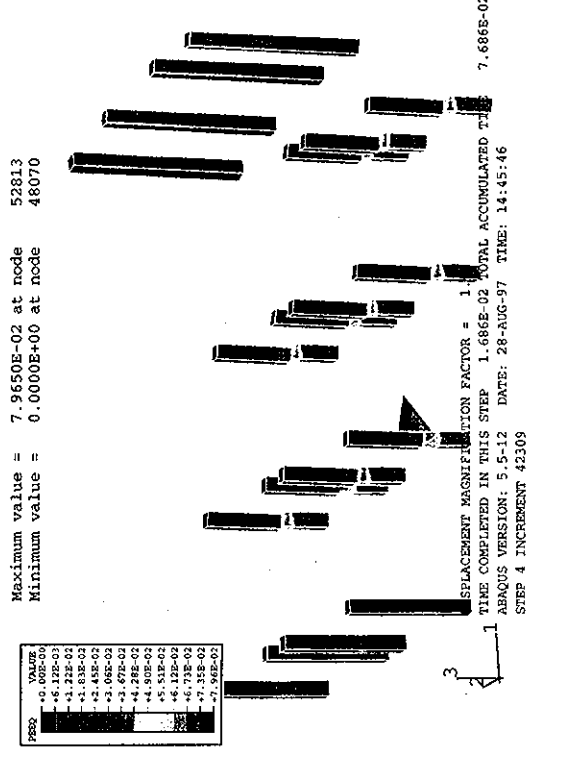


Item J-19 : Figure: Clamp Dogs and Seat Bar Plastic Strain Contour Plots









Item J-20 : Figure:: Bolt Plastic Strain Contour Plots