

merge
getol 1

sd 1 cy 0 0 0 0 0 1 20.25;
sd 2 cy 0 0 0 0 0 1 19.25;
sd 3 cy 0 0 0 0 0 1 18.25;
sd 4 cy 0 0 0 0 0 1 14.625;
sd 5 cy 0 0 0 0 0 1 13.11;
c --- paddle
sd 6 cy 0 0 0 0 0 1 11.5;
sd 7 cy 0 0 0 0 0 1 11;
sd 8 cy 0 0 0 0 0 1 12.625;

sd 9 cy 0 0 0 0 0 1 16.875
sd 10 cy 0 0 0 0 0 1 15.0205;

curd 1
csp3 00
1.4625000e+01 -1.7909870e-15 -1.9790000e+00
1.4625000e+01 -1.6072960e-15 -5.4812500e+01
1.4624890e+01 -1.6072960e-15 -5.4830910e+01
1.4624550e+01 -1.6072960e-15 -5.4849311e+01
1.4623192e+01 -1.6072960e-15 -5.4886100e+01
1.4613720e+01 -1.6072960e-15 -5.4996120e+01
1.4592480e+01 -1.6072960e-15 -5.5123170e+01
1.4560410e+01 -1.6072960e-15 -5.5247930e+01
1.4517760e+01 -1.6072960e-15 -5.5369480e+01
1.4473011e+01 -1.6072960e-15 -5.5470424e+01
1.4411593e+01 -1.6072960e-15 -5.5583652e+01
1.4351380e+01 -1.6072960e-15 -5.5676212e+01
1.4272750e+01 -1.6072960e-15 -5.5778250e+01
1.4185660e+01 -1.6072960e-15 -5.5873161e+01
1.4104760e+01 -1.6072960e-15 -5.5948314e+01
1.4018550e+01 -1.6072960e-15 -5.6017311e+01
1.3880310e+01 -1.6072960e-15 -5.6108460e+01
1.3749644e+01 -1.6072960e-15 -5.6176250e+01
1.3630334e+01 -1.6072960e-15 -5.6224820e+01
1.3489470e+01 -1.6072960e-15 -5.6267550e+01
1.3345100e+01 -1.6072960e-15 -5.6296264e+01
1.3235350e+01 -1.6072960e-15 -5.6308440e+01
1.3125000e+01 -1.6072960e-15 -5.6312500e+01
;;
SD 11 R3DC 0 0 0 0 0 1 1 0 360;;
TRSD 11 RXY;

sd 12 cy 0 0 0 0 0 1 4.625;
sd 13 plan 0 0 56 0 0 1;

sd 81 plan 0 0 0 1 1 0;
sd 82 plan 0 0 0 -1 1 0;
sd 91 cy 0 -5 0 0 0 1 12;
sd 92 cy 5 0 0 0 0 1 12;
sd 93 cy -5 0 0 0 0 1 12;

sd 94 cy 13.11 0 -55.06 0 1 0 1.5;

```

3 3 6 4 4 4 4
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
4 4 4 4 4 6 3 3;

2 2 2 2 2 2 2 2
4 4 4 4 4 6 3 3;

1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 8 1;

-20 -19 -18 -15 -12 -10 -8 -6
-4 -3.5 -3 -2.5 -2 -1.5 -1 -0.5 0 0.5 1 1.5 2 2.5 3 3.5 4
6 8 10 12 15 18 19 20

0 0.5 1 1.5 2 2.5 3 3.5 4
6 8 10 12 15 18 19 20

0 0.451
1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5 9.5 10.5
11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5 19.5 20.5
21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5 29.5 30.5
31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5 39.5 40.5
41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5 49.5 50.5
51.5 52.5 53.5 54.5 55.5
56.313 62.775 62.863

```

```

c coring out the center and leaving the paddle...
c DEI 4 29; 1 14; 1 58;
c DEI 29 30; 9 14; 1 58;
c DEI 29 30; 1 9; 54 58;
c DEI 29 30; 1 9; 1 5;
c DEI 29 30; 4 9; 5 54; c <--paddle
c
c ...or coring out the center and NO paddle
DEI 4 30; 1 14; 1 58;

c removing aft end bottom thin layer
DEI ;; 59 60;

c removing the small recessed region at the opening of the cup
DEI 3 4 0 30 31; 1 9; 1 2;
DEI 9 25; 14 15; 1 2;

DEI 1 9 0 25 33; 9 17;; c <-- removing corners
DEI 1 3 0 31 33; 1 9; 19 60; c <-- removing outer regions
DEI 9 25; 15 17; 19 60;
DEI 1 3 0 31 33; 1 9; 14 18; c <-- roller wheel guides
DEI 9 25; 15 17; 14 18;
DEI 1 2 0 32 33; 1 9; 4 19;
DEI 9 25; 16 17; 4 19;

c projecting onto 90' planes
sfi -25 33; 9 17; 1 60;sd 82
sfi 25 33; -9 17; 1 60;sd 82
sfi 1 -9; 9 17; 1 60;sd 81
sfi 1 9; -9 17; 1 60;sd 81

sfi -1 0 -33;;;sd 1
sfi ; -17;;;sd 1
sfi -2 0 -32;;;sd 2
sfi ; -16;;;sd 2
sfi -3 0 -31;; 3 60;sd 3
sfi ; -15; 3 60;sd 3

```

```

sfi -4 0 -30; 1 9; 4 5;sd      4
sfi 9 25; -14; 4 5;sd      4
sfi -4 0 -30; 1 9; 5 58;sd    11
sfi 9 25; -14; 5 58;sd    11
sfi -4 0 -30; 1 9; -58;sd    13
sfi 9 25; -14; -58;sd    13
sfi -4 0 -30; 1 9; -59;sd    4
sfi 9 25; -14; -59;sd    4
res 30 1 56 30 9 58 k 1;
res 4 1 56 4 9 58 k 1;
res 9 14 56 25 14 58 k 1;

```

```

res 9 9 1 25 17 60 i 1.0;
res 25 1 1 33 9 60 j 1.0;
res 1 1 1 9 9 60 j 1.0;
res 25 1 58 30 9 60 i 1.0;
res 4 1 58 9 9 60 i 1.0;
res 9 9 58 25 14 59 j 1.0;

```

```

mbi -9; -1; 58 59; x -0.64
mbi -25; -1; 58 59;x 0.64
mbi -17; -9; 58 59;y 0.64

```

```

lin 25 1 58 25 9 58
lin 9 1 58 9 9 58
lin 17 9 58 25 9 58
lin 9 9 58 17 9 58
lin 25 1 59 25 9 59
lin 9 1 59 9 9 59
lin 17 9 59 25 9 59
lin 9 9 59 17 9 59
res 17 1 58 25 9 58 i 1.0
res 17 1 58 25 9 58 j 1.0
res 9 1 58 17 9 58 i 1.0
res 9 1 58 17 9 58 j 1.0
res 17 1 59 25 9 59 i 1.0
res 17 1 59 25 9 59 j 1.0
res 9 1 59 17 9 59 i 1.0
res 9 1 59 17 9 59 j 1.0

```

```

mbi -4 0 -30; 1 9; -4; z -0.12
mbi 9 25; -14; -4;z -0.12
sfi -4 0 -30; 1 9; -2;sd    10
sfi 9 25; -14; -2;sd    10
lin 30 1 2 30 1 4
lin 30 9 2 30 9 4
lin 30 1 2 30 9 4
lin 25 14 2 25 14 4
lin 9 14 2 9 14 4
lin 9 14 2 25 14 4
lin 4 1 2 4 1 4
lin 4 9 2 4 9 4
lin 4 1 2 4 9 4
sfi -3 0 -31; 1 9; 1 2;sd    9
sfi 9 25; -15; 1 2;sd    9

```

```

c include the sidesets
ORPT + 0 2 30 c set orientation point
fseti 15 19; 1 3; -58; = aft01
fseti 19 22; 1 3; -58; = aft02
fseti 19 22; 3 6; -58; = aft03
fseti 15 19; 3 6; -58; = aft04
fseti 12 15; 3 6; -58; = aft05
fseti 12 15; 1 3; -58; = aft06
fseti 22 25; 1 3; -58; = aft07
fseti 22 25; 3 6; -58; = aft08

```

```
fseti 22 25; 6 9; -58; = aft09
fseti 19 22; 6 9; -58; = aft10
fseti 15 19; 6 9; -58; = aft11
fseti 12 15; 6 9; -58; = aft12
fseti 9 12; 6 9; -58; = aft13
fseti 9 12; 3 6; -58; = aft14
fseti 9 12; 1 3; -58; = aft15
fseti 25 26; 1 3; -58; = aft16
fseti 26 27; 1 3; -58; = aft17
fseti 27 28; 1 3; -58; = aft18
fseti 28 29; 1 3; -58; = aft19
fseti 29 30; 1 3; -58; = aft20
fseti 25 26; 3 7; -58; = aft21
fseti 26 27; 3 7; -58; = aft22
fseti 27 28; 3 7; -58; = aft23
fseti 28 29; 3 7; -58; = aft24
fseti 29 30; 3 7; -58; = aft25
fseti 25 26; 7 9; -58; = aft26
fseti 23 25; 9 10; -58; or aft26
fseti 26 27; 7 9; -58; = aft27
fseti 23 25; 10 11; -58; or aft27
fseti 27 28; 7 9; -58; = aft28
fseti 23 25; 11 12; -58; or aft28
fseti 28 29; 7 9; -58; = aft29
fseti 23 25; 12 13; -58; or aft29
fseti 29 30; 7 9; -58; = aft30
fseti 23 25; 13 14; -58; or aft30
fseti 19 23; 9 10; -58; = aft31
fseti 19 23; 10 11; -58; = aft32
fseti 19 23; 11 12; -58; = aft33
fseti 19 23; 12 13; -58; = aft34
fseti 19 23; 13 14; -58; = aft35
fseti 15 19; 9 10; -58; = aft36
fseti 15 19; 10 11; -58; = aft37
fseti 15 19; 11 12; -58; = aft38
fseti 15 19; 12 13; -58; = aft39
fseti 15 19; 13 14; -58; = aft40
fseti 11 15; 9 10; -58; = aft41
fseti 11 15; 10 11; -58; = aft42
fseti 11 15; 11 12; -58; = aft43
fseti 11 15; 12 13; -58; = aft44
fseti 11 15; 13 14; -58; = aft45
fseti 9 11; 9 10; -58; = aft46
fseti 8 9; 7 9; -58; or aft46
fseti 9 11; 10 11; -58; = aft47
fseti 7 8; 7 9; -58; or aft47
fseti 9 11; 11 12; -58; = aft48
fseti 6 7; 7 9; -58; or aft48
fseti 9 11; 12 13; -58; = aft49
fseti 5 6; 7 9; -58; or aft49
fseti 9 11; 13 14; -58; = aft50
fseti 4 5; 7 9; -58; or aft50
fseti 8 9; 3 7; -58; = aft51
fseti 7 8; 3 7; -58; = aft52
fseti 6 7; 3 7; -58; = aft53
fseti 5 6; 3 7; -58; = aft54
fseti 4 5; 3 7; -58; = aft55
fseti 8 9; 1 3; -58; = aft56
fseti 7 8; 1 3; -58; = aft57
fseti 6 7; 1 3; -58; = aft58
fseti 5 6; 1 3; -58; = aft59
fseti 4 5; 1 3; -58; = aft60

fseti -30; 1 3; 56 58; = wall101
fseti -30; 1 3; 54 56; = wall102
```

fseti -30; 1 3; 52 54; = wall103
fseti -30; 1 3; 50 52; = wall104
fseti -30; 1 3; 48 50; = wall105
fseti -30; 1 3; 46 48; = wall106
fseti -30; 1 3; 44 46; = wall107
fseti -30; 1 3; 42 44; = wall108
fseti -30; 1 3; 40 42; = wall109
fseti -30; 1 3; 38 40; = wall110
fseti -30; 1 3; 36 38; = wall111
fseti -30; 1 3; 34 36; = wall112
fseti -30; 1 3; 32 34; = wall113
fseti -30; 1 3; 30 32; = wall114
fseti -30; 1 3; 28 30; = wall115
fseti -30; 1 3; 26 28; = wall116
fseti -30; 1 3; 24 26; = wall117
fseti -30; 1 3; 22 24; = wall118
fseti -30; 1 3; 20 22; = wall119
fseti -30; 1 3; 18 20; = wall120
fseti -30; 1 3; 16 18; = wall121
fseti -30; 1 3; 14 16; = wall122
fseti -30; 1 3; 12 14; = wall123
fseti -30; 1 3; 10 12; = wall124
fseti -30; 1 3; 8 10; = wall125
fseti -30; 1 3; 6 8; = wall126
fseti -30; 1 3; 4 6; = wall127
fseti -30; 1 3; 2 4; = wall128

fseti -30; 3 7; 56 58; = wall201
fseti -30; 3 7; 54 56; = wall202
fseti -30; 3 7; 52 54; = wall203
fseti -30; 3 7; 50 52; = wall204
fseti -30; 3 7; 48 50; = wall205
fseti -30; 3 7; 46 48; = wall206
fseti -30; 3 7; 44 46; = wall207
fseti -30; 3 7; 42 44; = wall208
fseti -30; 3 7; 40 42; = wall209
fseti -30; 3 7; 38 40; = wall210
fseti -30; 3 7; 36 38; = wall211
fseti -30; 3 7; 34 36; = wall212
fseti -30; 3 7; 32 34; = wall213
fseti -30; 3 7; 30 32; = wall214
fseti -30; 3 7; 28 30; = wall215
fseti -30; 3 7; 26 28; = wall216
fseti -30; 3 7; 24 26; = wall217
fseti -30; 3 7; 22 24; = wall218
fseti -30; 3 7; 20 22; = wall219
fseti -30; 3 7; 18 20; = wall220
fseti -30; 3 7; 16 18; = wall221
fseti -30; 3 7; 14 16; = wall222
fseti -30; 3 7; 12 14; = wall223
fseti -30; 3 7; 10 12; = wall224
fseti -30; 3 7; 8 10; = wall225
fseti -30; 3 7; 6 8; = wall226
fseti -30; 3 7; 4 6; = wall227
fseti -30; 3 7; 2 4; = wall228

fseti -30; 7 9; 56 58; = wall301
fseti 23 25; -14; 56 58; or wall301
fseti -30; 7 9; 54 56; = wall302
fseti 23 25; -14; 54 56; or wall302
fseti -30; 7 9; 52 54; = wall303
fseti 23 25; -14; 52 54; or wall303
fseti -30; 7 9; 50 52; = wall304
fseti 23 25; -14; 50 52; or wall304
fseti -30; 7 9; 48 50; = wall305
fseti 23 25; -14; 48 50; or wall305

fseti -30; 7 9; 46 48; = wall306
fseti 23 25; -14; 46 48; or wall306
fseti -30; 7 9; 44 46; = wall307
fseti 23 25; -14; 44 46; or wall307
fseti -30; 7 9; 42 44; = wall308
fseti 23 25; -14; 42 44; or wall308
fseti -30; 7 9; 40 42; = wall309
fseti 23 25; -14; 40 42; or wall309
fseti -30; 7 9; 38 40; = wall310
fseti 23 25; -14; 38 40; or wall310
fseti -30; 7 9; 36 38; = wall311
fseti 23 25; -14; 36 38; or wall311
fseti -30; 7 9; 34 36; = wall312
fseti 23 25; -14; 34 36; or wall312
fseti -30; 7 9; 32 34; = wall313
fseti 23 25; -14; 32 34; or wall313
fseti -30; 7 9; 30 32; = wall314
fseti 23 25; -14; 30 32; or wall314
fseti -30; 7 9; 28 30; = wall315
fseti 23 25; -14; 28 30; or wall315
fseti -30; 7 9; 26 28; = wall316
fseti 23 25; -14; 26 28; or wall316
fseti -30; 7 9; 24 26; = wall317
fseti 23 25; -14; 24 26; or wall317
fseti -30; 7 9; 22 24; = wall318
fseti 23 25; -14; 22 24; or wall318
fseti -30; 7 9; 20 22; = wall319
fseti 23 25; -14; 20 22; or wall319
fseti -30; 7 9; 18 20; = wall320
fseti 23 25; -14; 18 20; or wall320
fseti -30; 7 9; 16 18; = wall321
fseti 23 25; -14; 16 18; or wall321
fseti -30; 7 9; 14 16; = wall322
fseti 23 25; -14; 14 16; or wall322
fseti -30; 7 9; 12 14; = wall323
fseti 23 25; -14; 12 14; or wall323
fseti -30; 7 9; 10 12; = wall324
fseti 23 25; -14; 10 12; or wall324
fseti -30; 7 9; 8 10; = wall325
fseti 23 25; -14; 8 10; or wall325
fseti -30; 7 9; 6 8; = wall326
fseti 23 25; -14; 6 8; or wall326
fseti -30; 7 9; 4 6; = wall327
fseti 23 25; -14; 4 6; or wall327
fseti -30; 7 9; 2 4; = wall328
fseti 23 25; -14; 2 4; or wall328

fseti 19 23; -14; 56 58; = wall401
fseti 19 23; -14; 54 56; = wall402
fseti 19 23; -14; 52 54; = wall403
fseti 19 23; -14; 50 52; = wall404
fseti 19 23; -14; 48 50; = wall405
fseti 19 23; -14; 46 48; = wall406
fseti 19 23; -14; 44 46; = wall407
fseti 19 23; -14; 42 44; = wall408
fseti 19 23; -14; 40 42; = wall409
fseti 19 23; -14; 38 40; = wall410
fseti 19 23; -14; 36 38; = wall411
fseti 19 23; -14; 34 36; = wall412
fseti 19 23; -14; 32 34; = wall413
fseti 19 23; -14; 30 32; = wall414
fseti 19 23; -14; 28 30; = wall415
fseti 19 23; -14; 26 28; = wall416
fseti 19 23; -14; 24 26; = wall417
fseti 19 23; -14; 22 24; = wall418
fseti 19 23; -14; 20 22; = wall419

fseti 19 23; -14; 18 20; = wall420
fseti 19 23; -14; 16 18; = wall421
fseti 19 23; -14; 14 16; = wall422
fseti 19 23; -14; 12 14; = wall423
fseti 19 23; -14; 10 12; = wall424
fseti 19 23; -14; 8 10; = wall425
fseti 19 23; -14; 6 8; = wall426
fseti 19 23; -14; 4 6; = wall427
fseti 19 23; -14; 2 4; = wall428

fseti 15 19; -14; 56 58; = wall501
fseti 15 19; -14; 54 56; = wall502
fseti 15 19; -14; 52 54; = wall503
fseti 15 19; -14; 50 52; = wall504
fseti 15 19; -14; 48 50; = wall505
fseti 15 19; -14; 46 48; = wall506
fseti 15 19; -14; 44 46; = wall507
fseti 15 19; -14; 42 44; = wall508
fseti 15 19; -14; 40 42; = wall509
fseti 15 19; -14; 38 40; = wall510
fseti 15 19; -14; 36 38; = wall511
fseti 15 19; -14; 34 36; = wall512
fseti 15 19; -14; 32 34; = wall513
fseti 15 19; -14; 30 32; = wall514
fseti 15 19; -14; 28 30; = wall515
fseti 15 19; -14; 26 28; = wall516
fseti 15 19; -14; 24 26; = wall517
fseti 15 19; -14; 22 24; = wall518
fseti 15 19; -14; 20 22; = wall519
fseti 15 19; -14; 18 20; = wall520
fseti 15 19; -14; 16 18; = wall521
fseti 15 19; -14; 14 16; = wall522
fseti 15 19; -14; 12 14; = wall523
fseti 15 19; -14; 10 12; = wall524
fseti 15 19; -14; 8 10; = wall525
fseti 15 19; -14; 6 8; = wall526
fseti 15 19; -14; 4 6; = wall527
fseti 15 19; -14; 2 4; = wall528

fseti 11 15; -14; 56 58; = wall601
fseti 11 15; -14; 54 56; = wall602
fseti 11 15; -14; 52 54; = wall603
fseti 11 15; -14; 50 52; = wall604
fseti 11 15; -14; 48 50; = wall605
fseti 11 15; -14; 46 48; = wall606
fseti 11 15; -14; 44 46; = wall607
fseti 11 15; -14; 42 44; = wall608
fseti 11 15; -14; 40 42; = wall609
fseti 11 15; -14; 38 40; = wall610
fseti 11 15; -14; 36 38; = wall611
fseti 11 15; -14; 34 36; = wall612
fseti 11 15; -14; 32 34; = wall613
fseti 11 15; -14; 30 32; = wall614
fseti 11 15; -14; 28 30; = wall615
fseti 11 15; -14; 26 28; = wall616
fseti 11 15; -14; 24 26; = wall617
fseti 11 15; -14; 22 24; = wall618
fseti 11 15; -14; 20 22; = wall619
fseti 11 15; -14; 18 20; = wall620
fseti 11 15; -14; 16 18; = wall621
fseti 11 15; -14; 14 16; = wall622
fseti 11 15; -14; 12 14; = wall623
fseti 11 15; -14; 10 12; = wall624
fseti 11 15; -14; 8 10; = wall625
fseti 11 15; -14; 6 8; = wall626
fseti 11 15; -14; 4 6; = wall627

fseti 11 15; -14; 2 4; = wall628

fseti -4 11; 7 -14; 56 58; = wall701
fseti -4 11; 7 -14; 54 56; = wall702
fseti -4 11; 7 -14; 52 54; = wall703
fseti -4 11; 7 -14; 50 52; = wall704
fseti -4 11; 7 -14; 48 50; = wall705
fseti -4 11; 7 -14; 46 48; = wall706
fseti -4 11; 7 -14; 44 46; = wall707
fseti -4 11; 7 -14; 42 44; = wall708
fseti -4 11; 7 -14; 40 42; = wall709
fseti -4 11; 7 -14; 38 40; = wall710
fseti -4 11; 7 -14; 36 38; = wall711
fseti -4 11; 7 -14; 34 36; = wall712
fseti -4 11; 7 -14; 32 34; = wall713
fseti -4 11; 7 -14; 30 32; = wall714
fseti -4 11; 7 -14; 28 30; = wall715
fseti -4 11; 7 -14; 26 28; = wall716
fseti -4 11; 7 -14; 24 26; = wall717
fseti -4 11; 7 -14; 22 24; = wall718
fseti -4 11; 7 -14; 20 22; = wall719
fseti -4 11; 7 -14; 18 20; = wall720
fseti -4 11; 7 -14; 16 18; = wall721
fseti -4 11; 7 -14; 14 16; = wall722
fseti -4 11; 7 -14; 12 14; = wall723
fseti -4 11; 7 -14; 10 12; = wall724
fseti -4 11; 7 -14; 8 10; = wall725
fseti -4 11; 7 -14; 6 8; = wall726
fseti -4 11; 7 -14; 4 6; = wall727
fseti -4 11; 7 -14; 2 4; = wall728

fseti -4; 3 7; 56 58; = wall801
fseti -4; 3 7; 54 56; = wall802
fseti -4; 3 7; 52 54; = wall803
fseti -4; 3 7; 50 52; = wall804
fseti -4; 3 7; 48 50; = wall805
fseti -4; 3 7; 46 48; = wall806
fseti -4; 3 7; 44 46; = wall807
fseti -4; 3 7; 42 44; = wall808
fseti -4; 3 7; 40 42; = wall809
fseti -4; 3 7; 38 40; = wall810
fseti -4; 3 7; 36 38; = wall811
fseti -4; 3 7; 34 36; = wall812
fseti -4; 3 7; 32 34; = wall813
fseti -4; 3 7; 30 32; = wall814
fseti -4; 3 7; 28 30; = wall815
fseti -4; 3 7; 26 28; = wall816
fseti -4; 3 7; 24 26; = wall817
fseti -4; 3 7; 22 24; = wall818
fseti -4; 3 7; 20 22; = wall819
fseti -4; 3 7; 18 20; = wall820
fseti -4; 3 7; 16 18; = wall821
fseti -4; 3 7; 14 16; = wall822
fseti -4; 3 7; 12 14; = wall823
fseti -4; 3 7; 10 12; = wall824
fseti -4; 3 7; 8 10; = wall825
fseti -4; 3 7; 6 8; = wall826
fseti -4; 3 7; 4 6; = wall827
fseti -4; 3 7; 2 4; = wall828

fseti -4; 1 3; 56 58; = wall901
fseti -4; 1 3; 54 56; = wall902
fseti -4; 1 3; 52 54; = wall903
fseti -4; 1 3; 50 52; = wall904
fseti -4; 1 3; 48 50; = wall905
fseti -4; 1 3; 46 48; = wall906

```
fseti -4; 1 3; 44 46; = wall907
fseti -4; 1 3; 42 44; = wall908
fseti -4; 1 3; 40 42; = wall909
fseti -4; 1 3; 38 40; = wall910
fseti -4; 1 3; 36 38; = wall911
fseti -4; 1 3; 34 36; = wall912
fseti -4; 1 3; 32 34; = wall913
fseti -4; 1 3; 30 32; = wall914
fseti -4; 1 3; 28 30; = wall915
fseti -4; 1 3; 26 28; = wall916
fseti -4; 1 3; 24 26; = wall917
fseti -4; 1 3; 22 24; = wall918
fseti -4; 1 3; 20 22; = wall919
fseti -4; 1 3; 18 20; = wall920
fseti -4; 1 3; 16 18; = wall921
fseti -4; 1 3; 14 16; = wall922
fseti -4; 1 3; 12 14; = wall923
fseti -4; 1 3; 10 12; = wall924
fseti -4; 1 3; 8 10; = wall925
fseti -4; 1 3; 6 8; = wall926
fseti -4; 1 3; 4 6; = wall927
fseti -4; 1 3; 2 4; = wall928
```

```
mate 1
endpart
```

```
merge
stol 0.01
la cracks 0.01
la tol 0 0
```

```
c lsdyna keyword
exodusii
write
```