

Príloha č.1 Úplný vygenerovaný kód funkčnej demonštratívnej aplikácie

```
&ACCESS RVP
&REL 1
&COMMENT GENERATED BY ROBOTMASTER
&PARAM TEMPLATE = C:\KRC\Roboter\Template\vorgabe
&PARAM EDITMASK = *
DEF KONTURA ()

EXT BAS (BAS_COMMAND :IN,REAL :IN )

INT I

BAS (#INITMOV,0 )

;*****SETTINGS FOR PTP MOTION*****
;FOLD
;SET PTP $VEL_AXIS AND $ACC_AXIS
FOR I=1 TO 6
  $VEL_AXIS[I]=30
  $ACC_AXIS[I]=100
ENDFOR
;ENDFOLD (SET PTP $VEL_AXIS AND $ACC_AXIS)

;*****SETTINGS FOR LIN AND ARC MOTION*****
;FOLD
;SET LIN AND ARC MOTION VARIABLES
$VEL.CP=0.011938
$VEL.ORI1=200
$VEL.ORI2=200
$ACC.ORI1=100
$ACC.ORI2=100
;ENDFOLD (SET LIN AND ARC MOTION VARIABLES)

;*****SETTINGS FOR POSITIONING CRITERIA*****
;FOLD
;SET POSITIONING CRITERIA
  $APO.CDIS = 1.0000
;ENDFOLD (SET POSITIONING CRITERIA)

$BASE={X 330.0000,Y -295.0000,Z -13.0000,A 90.0000,B 0.0000,C 0.0000}
$TOOL={X 43.0000,Y 0.0000,Z 221.0000,A 0.0000,B 0.0000,C 0.0000}

$ADVANCE = 5
PTP {A1 0.0000,A2 -90.0000,A3 90.0000,A4 0.0000,A5 90.0000,A6 0.0000}
PTP {X 66.4905,Y -100.2477,Z 70.0000,A 0.0000,B 0.0000,C 180.0000,S 2,T 34}
PTP {X 66.4905,Y -100.2477,Z 12.0000,A 0.0000,B 0.0000,C 180.0000,S 2,T 34}
$VEL.CP=0.011938
```

LIN {X 66.4905,Y -100.2477,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 32.1752,Y -79.1261,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 29.4284,Y -77.1020,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 27.0555,Y -74.6504,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 12.8448,Y -57.2839,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 11.1452,Y -54.8714,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 9.8096,Y -52.2399,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 4.5476,Y -39.7114,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 2.9742,Y -32.8044,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 3.8456,Y -25.7742,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 4.6746,Y -19.0869,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 3.1779,Y -12.5168,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X -1.0266,Y -2.5062,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X -0.3196,Y 0.3845,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 2.6516,Y 0.5510,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 4.0241,Y -0.3512,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 6.9977,Y -1.3921,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 10.1115,Y -0.9124,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 81.6090,Y 29.1165,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 82.9553,Y 30.4762,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 82.9459,Y 32.3896,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 81.5984,Y 35.5978,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 81.5852,Y 38.2765,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 83.4701,Y 40.1800,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 89.2415,Y 42.6040,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 91.4413,Y 42.7737,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 93.3056,Y 41.5936,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 101.7826,Y 31.2340,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 102.6469,Y 30.5580,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 103.7174,Y 30.3173,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 110.7444,Y 30.3173,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 112.1340,Y 30.7390,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 113.0547,Y 31.8621,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 114.2492,Y 34.7511,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 115.5382,Y 36.3233,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 117.4836,Y 36.9138,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 124.4721,Y 36.9138,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 126.8272,Y 36.3841,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 128.7286,Y 34.8969,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 138.1090,Y 23.4334,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 139.3841,Y 22.3618,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 140.9617,Y 21.8274,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 171.6040,Y 17.4953,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 173.7564,Y 16.3249,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 174.6140,Y 14.0297,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 174.6140,Y 6.4982,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 174.5087,Y 5.4270,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 174.1967,Y 4.3969,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS

LIN {X 172.9737,Y 1.4386,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 172.8314,Y -1.6047,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 174.6605,Y -4.0411,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 194.4444,Y -17.0457,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 197.1507,Y -17.7793,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 199.7660,Y -16.7680,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 212.0756,Y -6.6953,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 212.9800,Y -5.0091,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 212.4272,Y -3.1773,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 207.4896,Y 2.8567,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 206.7157,Y 5.4212,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 207.9819,Y 7.7819,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 212.6915,Y 11.6357,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 214.7256,Y 12.4222,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 216.8305,Y 11.8517,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 228.4758,Y 4.1968,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 233.3622,Y 3.2631,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 237.4777,Y 6.0581,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 240.6739,Y 10.9203,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 242.8899,Y 12.4253,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 245.5211,Y 11.9225,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 249.9694,Y 8.9985,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 251.3919,Y 7.1035,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 251.2813,Y 4.7365,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 250.4429,Y 2.7086,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 250.3006,Y -0.3347,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 252.1297,Y -2.7711,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 260.2080,Y -8.0812,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 263.0514,Y -9.5301,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 266.1429,Y -10.3218,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 287.0793,Y -13.2818,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 289.0074,Y -13.9348,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 290.5659,Y -15.2445,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 301.3740,Y -28.4528,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 303.7708,Y -29.9701,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 306.5992,Y -29.7520,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 313.4303,Y -26.8829,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 316.0650,Y -26.4770,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 318.5811,Y -27.3578,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 328.1651,Y -33.6577,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 329.3737,Y -34.7381,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 330.2149,Y -36.1239,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 333.5367,Y -44.0329,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 334.9379,Y -45.8541,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 337.0556,Y -46.7460,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 342.4525,Y -47.5090,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 344.9355,Y -47.1541,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 346.8428,Y -45.5252,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS

LIN {X 348.8617,Y -42.4538,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 350.9243,Y -40.1464,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 353.5699,Y -38.5405,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 362.4217,Y -34.8228,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 365.1412,Y -34.0903,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 367.9575,Y -34.1070,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 380.9443,Y -35.9430,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 383.1830,Y -36.5164,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 385.2420,Y -37.5655,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 388.2810,Y -39.5631,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 392.6270,Y -41.0845,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 397.1779,Y -40.3834,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 399.4165,Y -39.4432,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 400.9261,Y -38.8993,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 402.4839,Y -38.5143,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 417.5832,Y -35.6029,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 419.7607,Y -35.4147,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 421.9300,Y -35.6813,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 447.8335,Y -41.6530,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 451.0147,Y -42.9651,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 453.6009,Y -45.2352,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 461.1691,Y -54.4842,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 462.2775,Y -55.4571,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 463.6409,Y -56.0194,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 473.9923,Y -58.4058,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 477.6451,Y -61.2445,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 477.8395,Y -65.8666,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 463.9339,Y -99.5004,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 463.5479,Y -100.6305,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 463.3067,Y -
101.8002,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 462.1099,Y -110.2657,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 460.0287,Y -115.2070,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 455.7792,Y -
118.4766,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 444.7352,Y -123.1151,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 440.6986,Y -123.9343,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 436.6575,Y -
123.1377,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 423.9197,Y -117.8714,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 420.2635,Y -117.1507,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 416.6113,Y -
117.8918,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 408.1649,Y -121.4393,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 401.9777,Y -122.9638,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 395.6214,Y -
122.5147,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 379.6328,Y -118.8288,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 373.5866,Y -118.4017,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 367.7012,Y -
119.8517,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 349.2834,Y -127.5872,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 345.3940,Y -128.7828,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 341.3451,Y -
129.1866,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS

LIN {X 327.0572,Y -129.1866,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 323.2058,Y -129.5707,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 319.5062,Y -
130.7080,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 309.2232,Y -135.0268,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 305.6351,Y -137.6665,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 303.6447,Y -
141.6515,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 301.7125,Y -150.0326,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 297.3693,Y -157.7068,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 289.5433,Y -
161.7703,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 272.4978,Y -165.0570,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 268.0037,Y -165.2587,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 263.6410,Y -
164.1614,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 237.1139,Y -153.1940,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 233.7979,Y -151.3161,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 231.0403,Y -
148.6859,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 213.3700,Y -127.0915,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 211.0264,Y -123.1605,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 209.9329,Y -
118.7165,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 205.2606,Y -109.3454,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 195.4957,Y -
105.5644,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 182.9739,Y -105.5644,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 178.9812,Y -105.1719,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 175.1414,Y -
104.0091,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 155.4638,Y -95.8737,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 151.8114,Y -94.7677,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 148.0134,Y -94.3943,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 126.6171,Y -94.3943,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 121.9834,Y -95.6010,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 118.5268,Y -98.9146,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 110.6334,Y -111.7385,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 106.8130,Y -115.4009,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 101.6916,Y -
116.7346,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 97.7063,Y -116.7346,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 91.8294,Y -115.8742,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 86.4458,Y -113.3651,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 66.4905,Y -100.2477,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 66.4905,Y -100.2477,Z 12.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
PTP {X 189.4115,Y -77.9891,Z 7.0000,A 0.0000,B 0.0000,C 180.0000,S 2,T 34}
LIN {X 189.4115,Y -77.9891,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 199.9115,Y -67.4891,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 210.4115,Y -77.9891,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 199.9115,Y -88.4891,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 189.4115,Y -77.9891,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 189.4115,Y -77.9891,Z 7.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
PTP {X 292.8162,Y -99.0005,Z 7.0000,A 0.0000,B 0.0000,C 180.0000,S 2,T 34}
LIN {X 292.8162,Y -99.0005,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 302.3162,Y -108.5005,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 311.8162,Y -
99.0005,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS

CIRC {X 302.3162,Y -89.5005,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 292.8162,Y -99.0005,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 292.8162,Y -99.0005,Z 7.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
PTP {X 302.2105,Y -96.7649,Z 6.4711,A 0.0000,B 0.0000,C 180.0000,S 2,T 34}
LIN {X 302.3162,Y -99.0005,Z 2.0000,A 0.2859,B -1.2110,C 153.4347} C_DIS
LIN {X 299.8093,Y -97.3527,Z 2.0000,A 0.2477,B -1.1053,C 154.7384} C_DIS
LIN {X 297.3024,Y -95.7048,Z 2.0000,A 0.2116,B -0.9980,C 156.0559} C_DIS
LIN {X 294.7955,Y -94.0570,Z 2.0000,A 0.1778,B -0.8891,C 157.3860} C_DIS
LIN {X 292.2886,Y -92.4091,Z 2.0000,A 0.1147,B -0.6573,C 160.1976} C_DIS
LIN {X 290.4017,Y -91.2077,Z 2.0000,A 0.0571,B -0.3911,C 163.4024} C_DIS
LIN {X 289.6639,Y -90.9750,Z 2.0000,A 0.0304,B -0.2352,C 165.2732} C_DIS
LIN {X 288.9258,Y -90.9346,Z 2.0000,A 0.0097,B -0.0855,C 167.0656} C_DIS
LIN {X 288.1783,Y -91.0856,Z 2.0000,A -0.0067,B 0.0692,C 168.9164} C_DIS
LIN {X 287.5110,Y -91.4063,Z 2.0000,A -0.0178,B 0.2190,C 170.7100} C_DIS
LIN {X 286.9019,Y -91.8793,Z 2.0000,A -0.0221,B 0.3068,C 171.7628} C_DIS
LIN {X 284.5801,Y -93.7792,Z 2.0000,A -0.0255,B 0.4421,C 173.3868} C_DIS
LIN {X 282.2584,Y -95.6790,Z 2.0000,A -0.0252,B 0.5763,C 175.0017} C_DIS
LIN {X 280.3559,Y -97.1944,Z 2.0000,A -0.0199,B 0.7330,C 176.8960} C_DIS
LIN {X 279.6495,Y -97.5020,Z 2.0000,A -0.0122,B 0.8536,C 178.3598} C_DIS
LIN {X 278.9153,Y -97.6224,Z 2.0000,A -0.0020,B 0.9685,C 179.7598} C_DIS
LIN {X 278.1866,Y -97.5593,Z 2.0000,A 0.0106,B 1.0796,C -178.8776} C_DIS
LIN {X 277.4635,Y -97.3033,Z 2.0000,A 0.0260,B 1.1566,C -177.4219} C_DIS
LIN {X 276.8445,Y -96.8909,Z 2.0000,A 0.0419,B 1.1829,C -175.9463} C_DIS
LIN {X 276.3211,Y -96.3221,Z 2.0000,A 0.0549,B 1.2034,C -174.7725} C_DIS
LIN {X 274.4213,Y -94.0003,Z 2.0000,A 0.0748,B 1.2323,C -173.0555} C_DIS
LIN {X 272.5214,Y -91.6786,Z 2.0000,A 0.0957,B 1.2605,C -171.3177} C_DIS
LIN {X 270.9192,Y -89.7675,Z 2.0000,A 0.1401,B 1.3136,C -167.8292} C_DIS
LIN {X 270.2948,Y -89.3094,Z 2.0000,A 0.1781,B 1.3530,C -165.0017} C_DIS
LIN {X 267.7879,Y -87.6616,Z 2.0000,A 0.2026,B 1.3758,C -163.2493} C_DIS
LIN {X 265.2810,Y -86.0137,Z 2.0000,A 0.2277,B 1.3974,C -161.4940} C_DIS
LIN {X 263.0630,Y -84.5872,Z 2.0000,A 0.2634,B 1.4252,C -159.0547} C_DIS
LIN {X 262.3290,Y -84.3435,Z 2.0000,A 0.2967,B 1.4481,C -156.8452} C_DIS
LIN {X 261.5545,Y -84.2879,Z 2.0000,A 0.3227,B 1.4643,C -155.1434} C_DIS
LIN {X 258.5545,Y -84.2879,Z 2.0000,A 0.3394,B 1.4738,C -154.0666} C_DIS
LIN {X 255.5544,Y -84.2879,Z 2.0000,A 0.3561,B 1.4829,C -152.9953} C_DIS
LIN {X 252.5544,Y -84.2879,Z 2.0000,A 0.3728,B 1.4913,C -151.9302} C_DIS
LIN {X 249.5544,Y -84.2879,Z 2.0000,A 0.3895,B 1.4992,C -150.8718} C_DIS
LIN {X 247.6305,Y -84.2561,Z 2.0000,A 0.4168,B 1.5108,C -149.1597} C_DIS
LIN {X 246.8852,Y -84.0464,Z 2.0000,A 0.4504,B 1.5233,C -147.0617} C_DIS
LIN {X 246.2117,Y -83.6611,Z 2.0000,A 0.4753,B 1.5312,C -145.5140} C_DIS
LIN {X 243.7048,Y -82.0133,Z 2.0000,A 0.4376,B 1.4920,C -147.3068} C_DIS
LIN {X 241.1979,Y -80.3654,Z 2.0000,A 0.3977,B 1.4481,C -149.2838} C_DIS
LIN {X 238.7161,Y -78.7652,Z 2.0000,A 0.3382,B 1.3758,C -152.3811} C_DIS
LIN {X 237.9822,Y -78.5211,Z 2.0000,A 0.2883,B 1.3080,C -155.1422} C_DIS
LIN {X 237.2078,Y -78.4652,Z 2.0000,A 0.2507,B 1.2516,C -157.3502} C_DIS
LIN {X 234.2078,Y -78.4652,Z 2.0000,A 0.2249,B 1.2099,C -158.9382} C_DIS
LIN {X 231.2078,Y -78.4652,Z 2.0000,A 0.2000,B 1.1667,C -160.5447} C_DIS
LIN {X 228.2077,Y -78.4652,Z 2.0000,A 0.1761,B 1.1222,C -162.1675} C_DIS

LIN {X 225.2077,Y -78.4652,Z 2.0000,A 0.1532,B 1.0764,C -163.8041} C_DIS
LIN {X 224.4583,Y -78.3732,Z 2.0000,A 0.1161,B 0.9940,C -166.6715} C_DIS
LIN {X 223.7689,Y -78.1059,Z 2.0000,A 0.0831,B 0.9089,C -169.5492} C_DIS
LIN {X 223.1190,Y -77.6925,Z 2.0000,A 0.0658,B 0.8579,C -171.2347} C_DIS
LIN {X 220.6121,Y -76.0447,Z 2.0000,A 0.0311,B 0.7363,C -175.1628} C_DIS
LIN {X 218.8222,Y -74.9112,Z 2.0000,A 0.0074,B 0.6256,C -178.6444} C_DIS
LIN {X 218.0846,Y -74.6848,Z 2.0000,A -0.0041,B 0.5541,C 179.1442} C_DIS
LIN {X 217.3420,Y -74.6482,Z 2.0000,A -0.0125,B 0.4853,C 177.0419} C_DIS
LIN {X 216.5845,Y -74.7742,Z 2.0000,A -0.0165,B 0.4419,C 175.7262} C_DIS
LIN {X 213.6388,Y -75.3422,Z 2.0000,A -0.0213,B 0.3567,C 173.1603} C_DIS
LIN {X 210.6930,Y -75.9102,Z 2.0000,A -0.0223,B 0.2729,C 170.6593} C_DIS
LIN {X 207.7473,Y -76.4782,Z 2.0000,A -0.0204,B 0.2051,C 168.6481} C_DIS
LIN {X 204.8016,Y -77.0462,Z 2.0000,A -0.0167,B 0.1456,C 166.8870} C_DIS
LIN {X 201.8559,Y -77.6142,Z 2.0000,A -0.0114,B 0.0874,C 165.1696} C_DIS
LIN {X 199.9115,Y -77.9891,Z 2.0000,A -0.0070,B 0.0498,C 164.0605} C_DIS
PTP {X 199.9158,Y -76.6160,Z 6.8078,A -0.0070,B 0.0498,C 164.0605,S 2,T 10}
PTP {X 50.0000,Y -60.0000,Z 5.0000,A 0.0000,B 0.0000,C 180.0000,S 2,T 34}
PTP {X 49.5000,Y -60.0000,Z 7.0000,A 0.0000,B 0.0000,C 180.0000,S 2,T 34}
LIN {X 49.5000,Y -60.0000,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 49.5000,Y -20.0000,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
CIRC {X 49.6464,Y -19.6464,Z 2.0000,A 0.0000,B 0.0000,C 180.0000},{X 50.0000,Y -19.5000,Z
2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 70.0000,Y -19.5000,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 70.0000,Y -19.5000,Z 7.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
PTP {X 70.0000,Y -36.0769,Z 7.0000,A 0.0000,B 0.0000,C 180.0000,S 2,T 34}
LIN {X 70.0000,Y -36.0769,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 50.0000,Y -36.0769,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 50.0000,Y -36.0769,Z 7.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
PTP {X 74.4980,Y -49.9549,Z 7.0000,A 0.0000,B 0.0000,C 180.0000,S 2,T 34}
LIN {X 74.4980,Y -49.9549,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 74.6509,Y -51.6419,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 75.0991,Y -53.2905,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 75.7650,Y -54.7417,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 76.7361,Y -56.0239,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 77.9355,Y -57.3105,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 79.2717,Y -58.2206,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 80.7573,Y -58.9491,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 82.3190,Y -59.3138,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 84.0380,Y -59.4970,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 85.6799,Y -59.3141,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 87.2427,Y -58.9491,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
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LIN {X 90.0645,Y -57.3105,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 91.2639,Y -56.0239,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 92.2350,Y -54.7417,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 92.9009,Y -53.2905,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 93.3491,Y -51.6419,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 93.4980,Y -50.0000,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS

LIN {X 93.3491,Y -48.3581,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 92.9009,Y -46.7095,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 92.2350,Y -45.2583,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 91.2854,Y -44.0044,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 77.9591,Y -33.2409,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 76.9457,Y -31.9985,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 76.2804,Y -30.5712,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 75.8613,Y -29.3379,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 75.6931,Y -27.6887,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 75.8624,Y -26.2355,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 76.2804,Y -25.0057,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 76.9457,Y -23.5784,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 77.9528,Y -22.3438,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 79.1143,Y -21.3267,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 80.4400,Y -20.5140,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 81.9497,Y -19.8971,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 83.5062,Y -19.6962,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 85.1389,Y -19.4961,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 86.6914,Y -19.6964,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 88.2464,Y -19.8971,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 89.7561,Y -20.5140,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 91.0818,Y -21.3267,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 92.2433,Y -22.3438,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 93.2504,Y -23.5784,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 93.9156,Y -25.0057,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 94.3336,Y -26.2355,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 94.4966,Y -27.6344,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 94.4966,Y -27.6344,Z 7.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
PTP {X 98.6569,Y -20.0000,Z 7.0000,A 0.0000,B 0.0000,C 180.0000,S 2,T 34}
LIN {X 98.6569,Y -20.0000,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 98.6569,Y -60.0000,Z 2.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
LIN {X 98.6569,Y -60.0000,Z 7.0000,A 0.0000,B 0.0000,C 180.0000} C_DIS
PTP {X 98.6569,Y -60.0000,Z 150.0000,A 0.0000,B 0.0000,C 180.0000,S 2,T 34}
PTP {A1 0.0000,A2 -90.0000,A3 90.0000,A4 0.0000,A5 90.0000,A6 0.0000}

END