

Example main program file

```
%_N_MPPROMISE_MPF
; $PATH=/_N_WKS_DIR/_N_DYNEEMAHelmet4_WPD
N10 G01 G71 G94 G641 ADIS=0.5
N20 FGROUP(C,Z,X,A)
N30 G90 X5 F9000
N40 Z400.000 F7500
N50 A180.000 F5400
N60 IF $P_SEARCH GOTOF END
N70 G74 C=0
N80 END:
N90 C0.000 F2700
N100 F5000
N110 F2000
N120 X498 F9000
N130 M00
N140 SD
N150 G91
N10 FGROUP(C,Z)
N20 Z209.968 F60000 X76.946
N30 C1.70673 F418 A-0.99956
N40 SPHELMET1 P1
N50 C6.50515 F100 Z-7.10600 X-1.20200 A-3.95013
N60 SPHELMET5 P1
N70 C7.24052 F100 Z-10.15300 X-3.27700 A-4.70165
N80 SPHELMET10 P1
N90 C6.13200 F100 Z-11.37800 X-4.54300 A-4.35976
N100 SPHELMET15 P1
N110 C5.03960 F100 Z-12.40000 X-5.12500 A-4.05990
N120 SPHELMET20 P1
N130 C4.04490 F100 Z-13.21100 X-5.15200 A-3.87340
N140 SPHELMET25 P1
N150 C3.17340 F100 Z-13.80900 X-4.75700 A-3.82210
N160 SPHELMET30 P1
N170 C2.42060 F100 Z-14.19700 X-4.06300 A-3.90180
N180 SPHELMET35 P1
N190 C1.76780 F100 Z-14.37200 X-3.17400 A-4.09780
N200 SPHELMET40 P1
N210 C1.19420 F100 Z-14.34400 X-2.17100 A-4.39010
N220 SPHELMET45 P100
M00
M30
```

Example sub-program file

```
%_N_SPHELMET45_SPF
; $PATH=/_N_WKS_DIR/_N_DYNEEMAHELMET4_WPD
N10 FGROUP(C)
N20 CO.40511 F65 ZO.884 XO.001 AO.00006
N30 CO.40515 F27499 ZO.884 XO A-0.00002
N40 CO.40515 F27499 ZO.884 X-0.001 A-0.00001
N50 CO.40514 F27498 ZO.884 XO AO
N60 CO.40514 F27529 ZO.883 XO AO
N70 CO.40515 F27499 ZO.884 XO AO
N80 CO.40514 F27498 ZO.884 XO AO
N90 CO.40514 F27498 ZO.884 XO AO
N100 CO.40514 F27498 ZO.884 XO AO
N110 CO.40515 F27499 ZO.884 XO AO
N120 CO.40514 F27498 ZO.884 XO AO
N130 CO.40514 F27498 ZO.884 XO AO
N140 CO.40515 F27499 ZO.884 XO AO
N150 CO.40514 F27529 ZO.883 XO AO
N160 CO.40514 F27498 ZO.884 XO AO
N170 CO.40514 F27498 ZO.884 XO AO
N180 CO.40515 F27499 ZO.884 XO AO
N190 CO.40514 F27498 ZO.884 XO AO
N200 CO.40514 F27498 ZO.884 XO A-0.00001
...
N4100 CO.40515 F27499 Z-0.884 XO AO
N4110 CO.40514 F27498 Z-0.884 XO.001 AO
N4120 CO.40514 F27498 Z-0.884 XO AO
N4130 CO.40514 F27498 Z-0.884 XO AO
N4140 CO.40514 F27498 Z-0.884 XO A-0.00001
N4150 CO.40514 F27529 Z-0.883 XO AO
N4160 CO.40515 F27499 Z-0.884 XO AO.00001
N4170 CO.40514 F27498 Z-0.884 XO A-0.00001
N4180 CO.40514 F27498 Z-0.884 XO AO
N4190 CO.40514 F27498 Z-0.884 XO AO
N4200 CO.40515 F27499 Z-0.884 XO AO
N4210 CO.40513 F27498 Z-0.884 XO AO
N4220 CO.40515 F27499 Z-0.884 XO AO
N4230 CO.40514 F27529 Z-0.883 XO AO
N4240 CO.40514 F27498 Z-0.884 XO AO
N4250 CO.40514 F27498 Z-0.884 XO AO
N4260 C108.497 F10289 Z97.588 X-5.823 A141.858
N4270 C33.7705 F3852 Z98.995 X5.822 A-38.1419
RET
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