

```
! FEM_Hand_1_T17.inp
! Konus mit Strahlung
! ANSYS 17.0
```

```
fini
/clear
```

```
/prep7
! conduction link
et,1,33
! m N s kg J W
! 40 W/(m K)
mp,kxx,1,40
r,1,0.040*0.001
r,2,0.020*0.001
! radiation link
et,3,31
r,3,10e-6,0.16,0.7,5.67e-8
```

```
n,1
n,2,0.050
n,3,0.100
n,4,0.12
! 2 Elemente
type,1
real,1
e,1,2
real,2
e,2,3
! radiation
type,3
real,3
e,3,4
! temp offset
toffset,273
```

```
/out,FEM_Hand_1_T17,out
/solu
d,1,temp,20
d,4,temp,1727.0
/debug,1,0,1
solve
/out,term
```

```
/post1
prdi
! 20 , 51.7 , 115.1 , 1727
prf
! 1.015
```