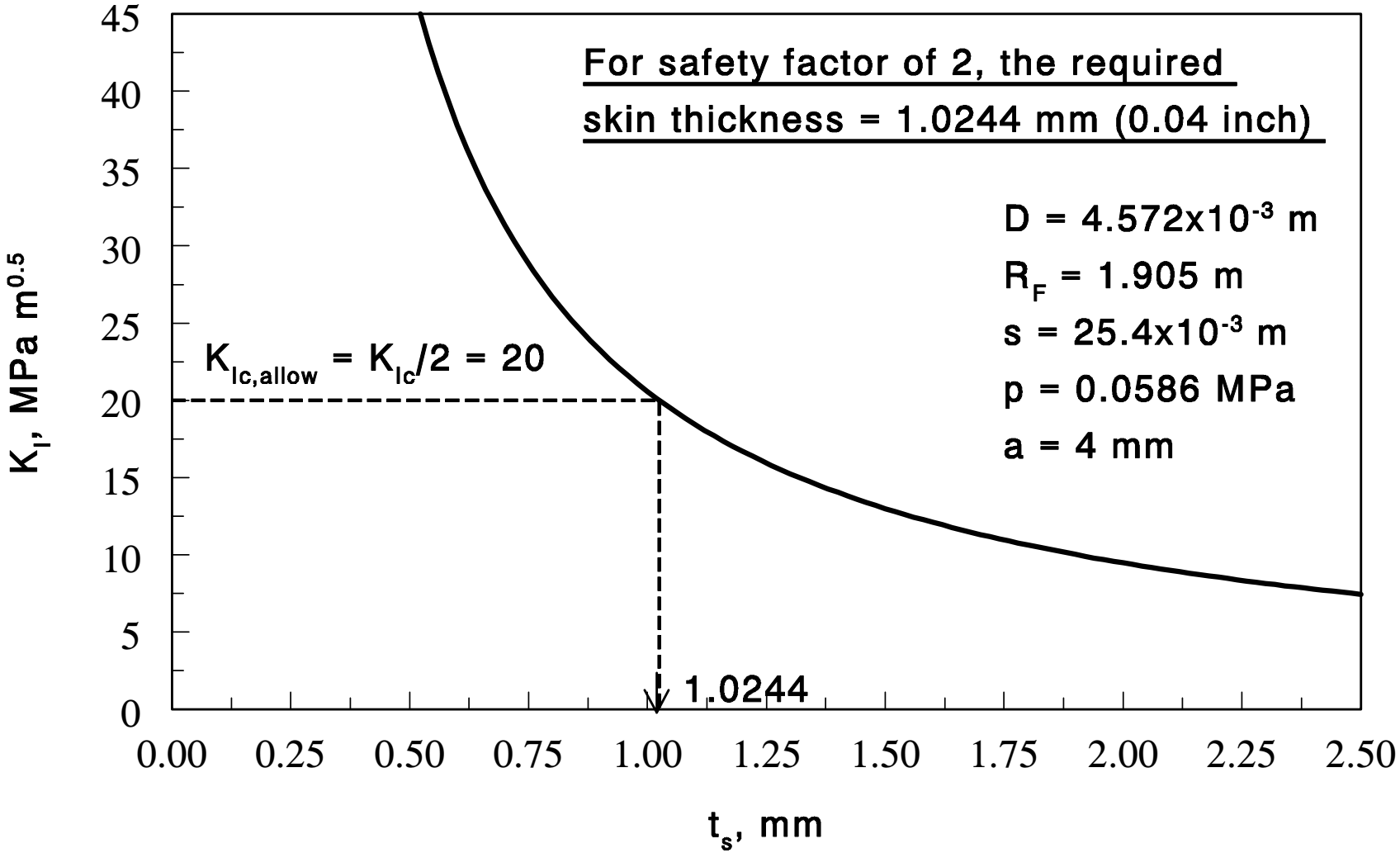
For safety factor of 2, the required
skin thickness = 1.0244 mm (0.04 inch)
D = 4.572x10-3 m
RF = 1.905 m
s = 25.4x10-3 m
p = 0.0586 MPa
a = 4 mm
KIc,allow = KIc/2 = 20
1.0244
KI, MPa m0.5
ts, mm
0
5
10
15
20
25
30
35
40
45
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
2.25
2.50