

Table 5-33Results for all rows of
Table P5-3

Row	σ'_A (MPa)	σ'_B (MPa)
a	30.2	29.7
b	20.4	19.6
c	24.6	7.7
d	16.1	7.9
e	18.0	18.4
f	14.6	15.6
g	28.5	25.3
h	31.9	15.0
i	16.6	6.1
j	19.6	9.6
k	13.1	12.2
l	15.6	14.0
m	23.5	22.0
n	20.7	19.0

Table 5-34aVon Mises safety factors
for all rows of Table P5-3

Row	N_A	N_B
a	13.2	13.4
b	19.6	20.4
c	16.3	52.3
d	24.9	50.4
e	22.2	21.7
f	27.5	25.6
g	14.0	15.8
h	12.5	26.7
i	24.2	65.7
j	20.4	41.8
k	30.5	32.7
l	25.6	28.6
m	17.0	18.2
n	19.4	21.0

Table 5-34bShear theory factors
for all rows of Table P5-3

Row	N_A	N_B
a	11.6	11.6
b	17.3	17.7
c	16.1	45.3
d	24	43.6
e	19.4	18.8
f	24.1	22.2
g	12.6	13.7
h	12.2	23.1
i	23.8	56.9
j	19.9	36.2
k	27.8	28.3
l	23.1	24.8
m	15.5	15.8
n	17.4	18.2

Table 5-34cNormal theory factors
for all rows of Table P5-3

Row	N_A	N_B
a	18.6	23.3
b	26	35.4
c	16.5	90.5
d	26	87.3
e	31.4	37.6
f	38	44.4
g	16.9	27.4
h	12.9	46.3
i	24.6	113.7
j	21	72.4
k	35.7	56.6
l	30.5	49.5
m	19.8	31.5
n	23.3	36.4

Table 5-35aCoulomb theory factors
for all rows of Table P5-3

Row	N_A	N_B
a	13.4	15.1
b	19.3	22.9
c	14.3	58.7
d	22.1	56.6
e	22.6	24.4
f	27.6	28.8
g	13.2	17.8
h	11.1	30.0
i	21.3	73.7
j	18.0	46.9
k	28.4	36.7
l	24.0	32.1
m	15.8	20.4
n	18.3	23.6

Table 5-35bModMohr theory factors
for all rows of Table P5-3

Row	N_A	N_B
a	16.3	20.4
b	22.8	31.0
c	14.4	79.2
d	22.7	76.4
e	27.5	32.9
f	33.2	38.8
g	14.8	24.0
h	11.3	40.5
i	21.5	99.5
j	18.3	63.4
k	31.3	49.5
l	26.7	43.3
m	17.3	27.6
n	20.4	31.8

Table 5-36Results for all rows of
Table P5-3

Row	σ'_A (MPa)	σ'_B (MPa)
a	75.5	73.3
b	51.0	47.9
c	61.5	17.9
d	40.2	19.4
e	45.0	44.4
f	36.4	36.4
g	71.3	61.0
h	79.7	34.0
i	41.4	13.8
j	49.1	21.3
k	32.7	27.8
l	39.1	33.3
m	58.7	49.4
n	51.7	45.0