

Before Grinding
Thickness Measurements

A	0.465
B	0.256
C	0.295
D	0.238
E	0.315
F	0.263
G	0.293
H	0.284
I	0.408

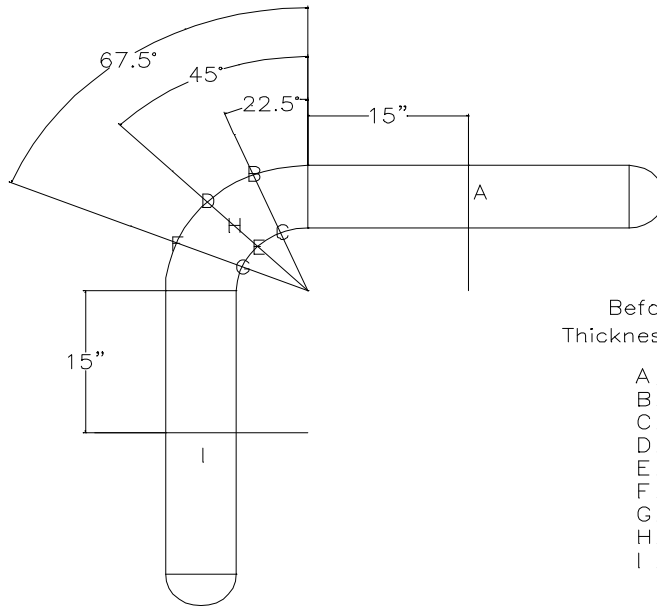
After Grinding
Thickness Measurements

A	_____
B	0.187
C	_____
D	0.117
E	_____
F	0.199
G	_____
H	_____
I	_____

Grind area of extrados that is 5 inches to either side of location D. Grind wall thickness so that it is 50% of the original measurement.

Yield strength – 53.9 ksi
Ultimate strength – 70 ksi
Burst Pressure – 4,532 psi

PN5268 – ELBOW TESTING SAMPLE WCE-3U (unrepaired)



Before Grinding
Thickness Measurements

A	0.457
B	0.261
C	0.297
D	0.252
E	0.312
F	0.261
G	0.298
H	0.297
I	0.440

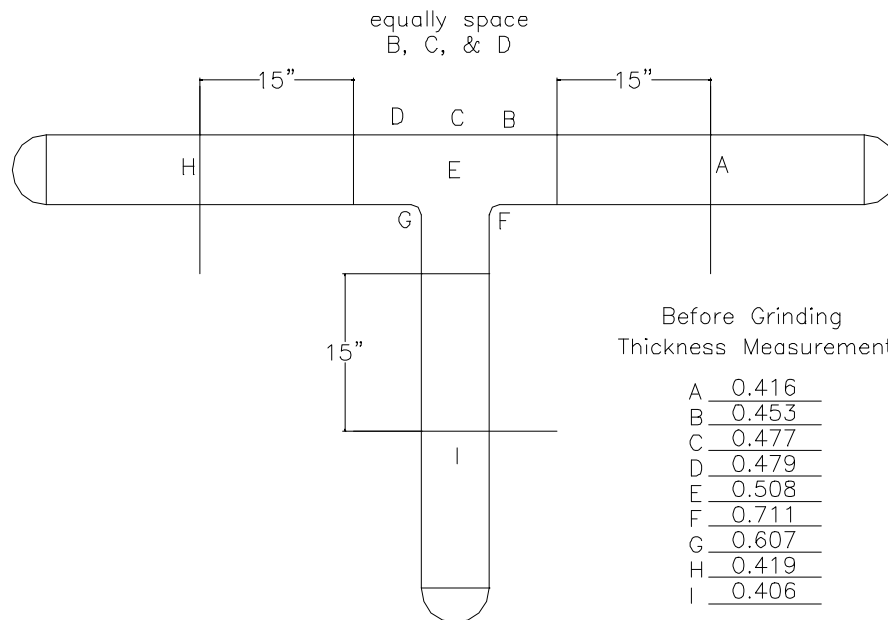
After Grinding
Thickness Measurements

A	_____
B	0.102
C	_____
D	0.131
E	_____
F	0.134
G	_____
H	_____
I	_____

Grind area of extrados that is 5 inches to either side of location D. Grind wall thickness so that it is 50% of the original measurement.

Yield strength – 53.9 ksi
Ultimate strength – 70 ksi
Burst Pressure – 6,780 psi

PN5268 – ELBOW TESTING
SAMPLE WCE-4R (repaired)



Before Grinding
Thickness Measurements

A	0.416
B	0.453
C	0.477
D	0.479
E	0.508
F	0.711
G	0.607
H	0.419
I	0.406

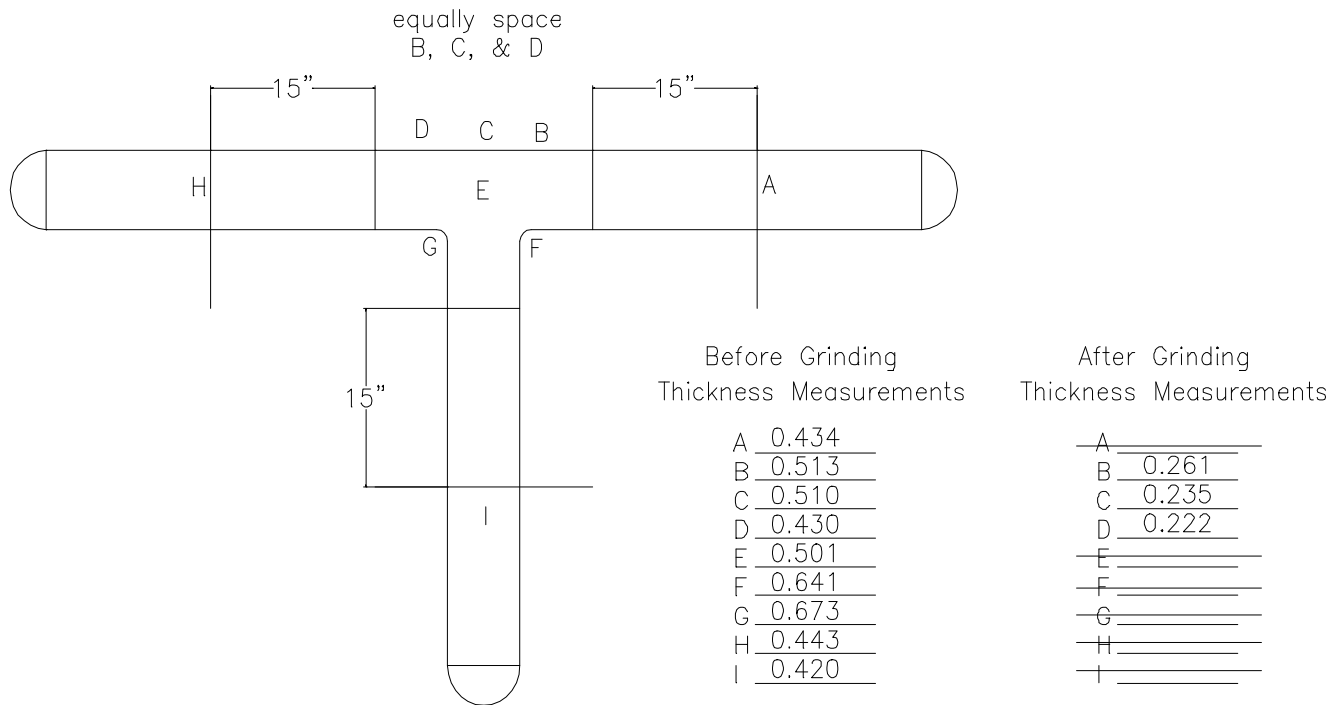
After Grinding
Thickness Measurements

A	_____
B	0.240
C	0.230
D	0.261
E	_____
F	_____
G	_____
H	_____
I	_____

Grind back side of tee 5 inches to either side of C. Grind wall thickness so that it is 50% of the original measurement.

Yield strength – 69.6 ksi
Ultimate strength – 89 ksi
Burst Pressure – 6,546 psi

PN5268 – TEE TESTING
SAMPLE WCT-1U (unrepaired)



Grind back side of tee 5 inches to either side of C. Grind wall thickness so that it is 50% of the original measurement.

Yield strength – 69.6 ksi
 Ultimate strength – 89 ksi
 Burst Pressure – 7,500 psi

PN5268 – TEE TESTING SAMPLE WCT-2R (repaired)