

## FAST CENTER ROUGH BLANK SIZES

UNLESS OTHERWISE SPECIFIED ALL BLANK TOLERANCES:  $+1/8"$  /  $-0"$

(TOLERANCE IS CRITICAL FOR VELOCITY TESTING)



PLEASE ALLOW A MINIMUM OF  $1/8"$  SAW KERF BETWEEN SAMPLES  
IF SUBMITTING A LARGER SAMPLE CONTAINING MULTIPLE SPECIMENS

### TENSILE (ASTM A370/E8)

Size/Sample Type	Blank	Notes
.500" Dia. / Round	1" SQ x 5-1/4"	Preferred Size for Velocity Testing
.160" Dia. / Round	3/4" SQ x 2-3/4"	Preferred Size for Velocity Testing
.500" Dia. / Threaded	1" SQ x 5-1/4"	
.350" Dia. / Threaded	7/8" SQ x 4-1/2"	
.250" Dia. / Threaded	3/4" SQ x 3-5/8"	
.160" Dia. / Threaded	5/8" SQ x 2-3/4"	
.500" Width / Flat	Thickness x 3/4" x 8"	
.250" Width / Flat	Thickness x 3/8" x 4"	

\*EQUIVALENT ROUND BLANK SIZES ARE ALSO ACCEPTABLE INSTEAD OF SQUARE SIZES

### CHARPY IMPACT (ASTM A370/E23)

Size/Sample Type	Blank	Notes
Standard (Full Size) 10mm	1/2" SQ x 3-1/8"	Preferred Size for Velocity Testing

### COMPRESSION (ASTM E9)

Size/Sample Type	Blank	Notes
Round .500" Dia.	3/4" SQ x 2-3/4"	Preferred Size for Velocity Testing
Round .375" Dia.	5/8" SQ x 2-3/4"	

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### DYNAMIC TEAR (ASTM E604)

Size/Sample Type	Blank	Notes
Standard (Full Size) E604	7/8" x 1-3/4" x 7-3/16"	

### FRACTURE TOUGHNESS (ASTM E399/E1820)

Size/Sample Type	Blank	Notes
B .700"	1" x 2" x 2"	
B .750"	1" x 2-1/8" x 2-1/8"	
B 1.00"	1-1/4" x 2-3/4" x 2-3/4"	
B 2.00"	2-1/4" x 5-1/4" x 5-1/4"	
B 2.25"	2-1/2" x 5-7/8" x 5-7/8"	

\*ADDITIONAL SIZES ARE AVAILABLE WITH THE PURCHASE OF ADDITIONAL TOOLING

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**FATIGUE CRACK GROWTH (ASTM E647)**

Size/Sample Type	Blank	Notes
B .250"	1/2" x 2" x 2"	

*\*ADDITIONAL SIZES ARE AVAILABLE WITH THE PURCHASE OF ADDITIONAL TOOLING***BEND (ASTM E190/E290 & AWS B4.0)**

Size/Sample Type	Blank	Notes
.250" Thickness (E190)	1/2" x 1-1/2" MAX x 6" MIN	
.375" Thickness (E190)	5/8" x 1-1/2" MAX x 6" MIN	
.500" Thickness (E190)	3/4" x 1-1/2" MAX x 6" MIN	
.250" Thickness (E290)	1/2" x 3/4" MAX x 6" (MIN)	
.375" Thickness (E290)	5/8" x 3/4" MAX x 6" (MIN)	
.500" Thickness (E290)	3/4" x 1" MAX x 6" (MIN)	