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## REBAR CONVERSION SPECIFICATIONS

METRIC SIZES CORRESPOND EXACTLY TO INCH SIZES

BAR SIZE# : DIAMETER
#3 : 3/8"
#4 : 1/2"
#5 : 5/8"
#6 : 3/4"
#7 : 7/8"
#8 : 1"
ASTM STD INCHES

BAR SIZE# : DIAMETER
#10 : 9.5 mm
#13 : 12.7 mm
#16 : 15.9 mm
#19 : 19.1 mm
#22 : 22.2 mm
#25 : 25.4 mm
ASTM STD METRIC

ASTM International (ASTM)  
Originally known as the American Society for Testing and Materials

When a unit (e.g., MB25A) maximum bending capacity is 1 inch the allowable combination of rebar is as follows.

QTY : BAR SIZE#
2 : #3 or #10
2 : #4 or #13

Metric grade specs also correspond to inch-pound grade.

INCH-POUND GRADE	METRIC GRADE	Minimum Yield Strength	
		IN POUNDS PER INCH	IN MEGAPASCALS
Grade 40	Grade 280	40,000	280
Grade 60	Grade 420	60,000	420
Grade 75	Grade 520	75,000	520