

BAR SIZES		WEIGHT	NOMINAL DIMENSIONS ROUND SECTIONS			
DIAMETER	DESIGNATION	POUNDS PER FOOT	DIAMETER INCHES	CROSS SECTIONAL SQ. INCHES	AREA	PERIMETER INCHES
$\frac{1}{4}$	2	.167	.250	.05		.786
$\frac{3}{8}$	3	.376	.375	.11		1.178
$\frac{1}{2}$	4	.668	.500	.20		1.571
$\frac{5}{8}$	5	1.043	.625	.31		1.963
$\frac{3}{4}$	6	1.502	.750	.44		2.356
$\frac{13}{16}$	7	2.044	.875	.60		2.749
1	8	2.670	1.000	.79		3.142
$1\frac{1}{8}$	9	3.400	1.128	1.00		3.544
$1\frac{1}{4}$	10	4.303	1.270	1.27		3.990
$1\frac{5}{8}$	11	5.313	1.410	1.56		4.430

NOTE:

BAR NUMBERS ARE BASED ON THE NUMBER OF  $\frac{1}{8}$  INCHES INCLUDED IN THE NOMINAL DIAMETER OF THE BAR.  
 BAR NO. 2 IN PLAIN ROUNDS ONLY.

## STANDARD REINFORCING BARS

VIRGINIA DEPARTMENT OF TRANSPORTATION

SPECIFICATION  
REFERENCE