



CONVERSION TABLES

Metrics units I	English units II	CONVERSION		RANGE OF EQUIVALENT SIZES	
		I to II	II to I	Nominal diameter mm	Approximate equivalent diameter inches
mm	Inches	0.03937	25.40	2	$\frac{5}{16}$
m	Feet	3.281	0.3048	3	$\frac{1}{8}$
m	Yards	1.0934	0.9144	4	$\frac{3}{16}$
m	Fathoms	0.5468	1.8288	5	$\frac{3}{8}$
km	Statute Miles	0.6214	1.609	6	$\frac{1}{4}$
km	Naut. Miles (knots)	0.5391	1.855	7	$\frac{9}{32}$
m/sec	Feet/min.	196.8	0.00508	8	$\frac{5}{16}$
mm ²	sq. inches	0.00155	645.16	9	$\frac{3}{8}$
dm ³	Cubic feet	0.03532	28.33	11	$\frac{7}{16}$
m ³	Cubic yards	1.308	0.764	12	$\frac{1}{2}$
g	Ounces	0.03505	28.35	13	$\frac{9}{16}$
kg	Lbs.	2.2046	0.4536	14	$\frac{5}{8}$
kg	Cwts.	0.01968	50.80	16	$\frac{3}{4}$
t	Tons	0.984	1.016	18	$\frac{13}{16}$
kg/m	Lbs. per foot	0.672	1.488	19	$\frac{3}{4}$
kg/m	Lbs. per yard	2.016	0.4961	20	$\frac{13}{16}$
kg/mm ²	Tons p. sq. inch	0.635	1.57487	22	$\frac{7}{8}$
kg/mm ²	Lbs. p. sq. inch	1,422.31	0.0007031	24	$\frac{15}{16}$
				26	1
				28	$1\frac{1}{8}$
				32	$1\frac{1}{4}$
				35	$1\frac{3}{8}$
				38	$1\frac{1}{2}$
				44	$1\frac{5}{8}$
				52	2
				54	—
				56	$2\frac{1}{4}$

GRADES OF AMERICAN STEELS

