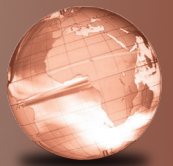


GLOBAL
EDITION



Engineering Mechanics

STATICS

Fifteenth Edition in SI Units

R. C. Hibbeler



SI Prefixes

<i>Multiple</i>	<i>Exponential Form</i>	<i>Prefix</i>	<i>SI Symbol</i>
1 000 000 000	10^9	giga	G
1 000 000	10^6	mega	M
1 000	10^3	kilo	k
<i>Submultiple</i>			
0.001	10^{-3}	milli	m
0.000 001	10^{-6}	micro	μ
0.000 000 001	10^{-9}	nano	n

Conversion Factors (SI) to (FPS)

<i>Quantity</i>	<i>Unit of Measurement (SI)</i>	<i>Equals</i>	<i>Unit of Measurement (FPS)</i>
Force	N		0.2248 lb
Mass	kg		0.06852 slug
Length	m		3.281 ft

Engineering Mechanics: Statics, SI Units

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