



# ME

## Grinding Rods®

**ME FIT Grinding**

- Grinding Media • Applications • Abrasion Comminution
- Rod Mills • ME Grinding Rods®

ME Grinding Rods® are designed for rod mill applications and are available in diameters ranging from approximately 75 mm to 101.6 mm (3" to 4").

ME Elecmetal manufactures heat-treated grinding rods from premium quality steel. Our design and manufacturing processes feature a high carbon steel alloy to produce high surface hardness grinding rods that provide superior abrasion resistance and a lower hardness core for greater toughness. This profile provides maximum abrasion and impact resistance.



The ME Elecmetal grinding media manufacturing plant is certified in the following quality, safety, and environmental standards:

- ISO 9001: 2008 Certified Quality Management Systems
- OSHAS 18001: 2007 Certified Occupational Health and Safety Management Systems
- ISO 14001: 2004 Certified Environmental Management Systems

# ME Grinding Rods®

## Chemical Composition

Lim its [% ]	C	M n	P (M ax)	S (M ax)	Si	Cr	Mo (Res.)	Cu (Res.)
Upper Lim it	1.00	1.00	0.025	0.025	0.40	0.60	0.01	0.15
Lower Lim it	0.60	0.70	-	-	0.10	0.20	-	-

## Hardness (HRC)

Series	Surface	1/2" under the surface	Center	Applications
Series HH	55 - 58	> 50	35 - 40	Low impact energy mills
Series S	52 - 55	> 49	35 - 40	Standard operating mills

HRC:Hardness Rockwell / HH:High Hardness / S:Standard

## Diameter

In	3	3.5	4
m m	75	80	101.6

\*Nom inal Weight:Ball weight with nom inal diameter

## Note:

Chem ical com position ranges reported above are for reference only. The specific chem istry of each bar w ill be determ ined according to the diam eter and hardness level required.