



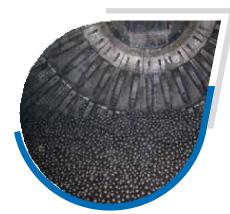


**ME FIT Grinding** 

# Grinding Media • Applications • Impact Comminution SAG Mill / ME S60®

ME S60® is a forged steel ball specially designed for use in SAG mills.

They are subjected to stringent controls that ensure a high level of consistency in production quality, according to the highest quality, safety, and environmental standards. They are available in diameters ranging from 139.7 mm (5.5`) to 158.8 mm (6.25`).



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 S60®

#### **Chemical Composition**

| Limits [%]  | С    | Mn   | P<br>(Max) | ۲<br>(Max) | Si   | Cr   | Mo<br>(Res.) | Cu<br>(Res.) |
|-------------|------|------|------------|------------|------|------|--------------|--------------|
| Upper Limit | 0.70 | 0.90 | 0.025      | 0.025      | 1.80 | 1.05 | 0.15         | 0.15         |
| Lower Limit | 0.55 | 0.60 | -          | -          | 1.30 | 0.70 | 0.03         | -            |

#### Hardness (HRC)

| Series  | Surface         | Volume | Applications            |  |
|---------|-----------------|--------|-------------------------|--|
| ME S60® | ME S60* 55 - 61 |        | Low impact energy mills |  |

HRC: Hardness Rockwell C

Figures obtained from ME Elecmetal standards and procedures

#### Diameter

| In                     | ln 5.5 |        | 6.25   |  |
|------------------------|--------|--------|--------|--|
| mm                     | 139.7  | 152.4  | 158.8  |  |
| Nominal Weight<br>[kg] | 11.135 | 14.456 | 16.339 |  |
| Max (10%)              | 12.248 | 15.902 | 17.973 |  |

#### Note:

The chemical composition ranges reported above are for reference only. The specific chemistry of each ball will be determined by the diameter and hardness level required. Balls are available in a range of sizes in 5 mm metric units.