



ME S60[®]

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 [%] | C | Mn | P (Max) | S (Max) | Si | Cr | Mo (Res.) | Cu (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® | 55 - 61 | 55 - 59 | Low impact energy mills |

HRC: Hardness Rockwell C

Figures obtained from ME Elecmetal standards and procedures

Diameter

| | | | |
|---------------------|--------|--------|--------|
| In | 5.5 | 6 | 6.25 |
| mm | 139.7 | 152.4 | 158.8 |
| Nominal Weight [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.