Grinding Media
High Chromium Grinding Media
Forged Steel Media
The Scaw Metals Group is the market-leader in Southern Africa in the supply of grinding media for the Platinum, Gold, Ferrochrome, Base Metals, Power Generation and Cement industries. Scaw South Africa offers the full spectrum of grinding media products including high alloy cast media and forged steel media. Scaw South Africa can therefore offer the most cost-effective solution for each grinding application.

**Heat-Treated High Alloy (High Chrome) Balls**

Scaw South Africa’s 3 DISA lines are state of the art and the laser controlled pouring devices and automatic molding unit eliminate the usual casting defects associated with sand-cast media.

- Different quench & temper heat-treatment cycles are used to impart specific metallurgical properties to the balls depending on the intended application; whether wear mechanisms be predominantly impact, abrasion or corrosion, Scaw can offer a product to suit.
- Sizes from 17mm to 90mm are manufactured in various grades.
- Manufactured under license from Magotteaux (Pty) Ltd according to International quality standards
Heat treated Forged Steel balls

The Scaw Metals Germiston site includes a fully integrated steelworks and the raw material feedstock for the forged media is manufactured on site starting with scrap processing, scrap melting and steelmaking, continuous casting, hot rolling and finally forging.

All Scaw Metals Group forged media is manufactured to International quality standards and the processes include a quench & temper stage for improved hardness & toughness, providing for excellent impact and wear performance.

- 50.8/ 63.5/ 76.2 roll formed balls are manufactured on our state of the art roll-forming machine and fully heat-treated
- 100 /125mm forged balls are manufactured by an upset-forging process and fully heat-treated

Application support

The use of mill modeling software assists us in recommending the right product for the right application. This software is also used to assist customers in optimizing their milling circuits.
For further information please contact:
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