



CHOOSING THE CORRECT LINERS FOR THE JOB

- DEFINE YOUR PARAMETERS

DETERMINE FEED SIZE AND GRADATION

Your top feed size and overall feed gradation is key to choosing the right liner alloy and configuration. Knowing the precise composition, compressive strength, and chemical properties of the stone are key factors in preparing your machine for optimal results.



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EXPLORE YOUR ALLOY OPTIONS

11-14% Manganese:

This manganese grade represents the foundational level widely utilized in crusher wear parts. It offers moderate wear resistance and presents a cost-effective solution for numerous crushing applications. This grade is commonly employed in general-purpose wear parts, where abrasive conditions are not a major concern.

18% Manganese:

Advancing from the baseline grade, the 18% manganese grade, provides enhanced wear resistance compared to lower grade counterparts. 18% manganese excels in applications across a wide range of wear parts, including jaw plates, cone mantles, and impactor blow bars.

18% Manganese + Chrome

Along with its ability to withstand high-impact crushing, 18% plus chrome provides an extra layer of protection against abrasive wear in certain applications.

22% Manganese:

Designed for extreme wear resistance, this grade is designed to withstand the most demanding crushing conditions and can typically achieve a work-hardened state much faster than other grades. 22% manganese exhibits exceptional performance in abrasive environments, thereby offering extended wear life in the right conditions.

Chrome.

Known for its exceptional hardness and resistance to abrasion, is often used as a complementary material in manganese wear parts. Chrome is also a key element in impact crusher blow bars and liners. Chrome acts as a shield, forming a hard surface layer that resists abrasion. By introducing chrome into the composition of the wear parts, we gain increased wear resistance, especially in highly abrasive crushing environments.

Martensitic steel

Acts as a tough barrier, absorbing and dissipating the energy of high-impact forces, ensuring the integrity of the liner. Martensitic steel is often used in certain grades of impactor blow bars to withstand heavy impact loads and prevent premature failure.

Ceramic materials.

Ceramic inserts strategically placed in critical areas of maximum wear, provide added protection where its often needed, therefore prolonging the lifespan of the parts. Ceramic inserts can be added to chrome or martensitic alloys.



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