



These proven shot sleeves are tough and long-lasting, made by the leader in shot sleeve manufacturing for more than 50 years.

Proper design and tight manufacturing standards assure you the highest quality at competitive prices.

Ask operators who know their die casting machines inside and out and they will tell you that not all shot sleeves and shot end products are created equally.

Many manufacturers use antiquated equipment and inferior metal. The result is a shot sleeve that wears out before its time.

Shot End Cost Considerations **Advance**



There is a growing awareness that the shot sleeve is not just a passive container for the shot, but an active component in the casting process. The sleeve can influence the shot's trajectory, its distribution, and its impact on the mold. This article explores the various design considerations that can affect the sleeve's performance, from material selection to sleeve geometry. It also discusses the importance of sleeve design in achieving a consistent and high-quality casting process.

**Shot Sleeve Design**  
The sleeve design is a critical factor in determining the quality of the shot. A well-designed sleeve will ensure that the shot is distributed evenly and impacts the mold at the correct angle and velocity.



Fig. 1 - Sleeve with single hole.



Fig. 2 - Sleeve with multiple holes.



Fig. 3 - Sleeve with mesh screen.

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