



ARADHYA EDGE CRAFTS

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SCAN ME

## AEC GLASS INC.

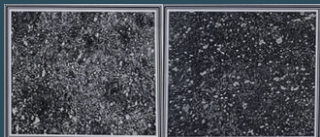
SHEAR BLADES AND  
IS MACHINE SPARES  
FOR GLASS INDUSTRY

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## HEAT TREATMENT

- We have developed special expertise in High Speed Steel heat Treatment over decades of manufacturing experience
- We produce products with optimal combination of toughness and hardness
- Our specialized processes enhances the carbide formation hence significantly improving the wear characteristics and service life.



Evenly dispersed carbides using special heat treatment

## WE ENCOURAGE "CUSTOM DESIGN"

- We encourage end users to propose design improvements and recommendations. AEC has developed smart production tooling and cost efficient methods to make changes in the shear blade designs at minimum expense.
- Shear blades are available with choice of cutting angles and relief edge grinding.
- Choice of surface treatment to best suits the application.

## QUALITY

- The AEC Shear Blades are inspected for parallel cutting edge with tight tolerances to ensure best cutting characteristics and reduced stress on the shearing edges. The individual units are sorted and packed to reduce the setup and replacement times.
- Raw material test certificates available upon request

## WHY AEC GLASS SHEAR BLADES

- Classic combination of Wear resistance, Toughness and Hardness.
- High temperature resistance
- Cutting edge retention
- Simple and Quick setup
- Increased Shear life
- Precise Cutting edge angles
- Minimized use of Shear spray
- Cost reduction



## ABOUT US

AEC Glass inc. is one of the world's leading manufacturers and suppliers of Shear Blades for the Container Glass Industry. These Shear Blades are primarily used for Glass Gob cutting at the Hot end of the Glass container manufacturing plant. The Shear Blades are manufactured from high quality High Speed Steel (HSS) alloys and special alloys with excellent hardness and toughness properties.

Our products are known for exceptional cutting performance at elevated temperatures and cutting rates up to 200 cuts/min.

The ingeniously engineered Shear Blades are a combination of excellent wear resistant cutting edge and flexible spring back body near the mounting holes. This special design reduces stress on shears due to over tensioning hence extending the overall life of the shears for longer production runs. Another advantage of partial flex design is that the operator can change the shears at reduced setup times with less tedious installation.

AEC Glass inc. also offers IS Machine Spares. We have high quality machining centres and inspection machines to produce precision parts with very short lead times. Our supplier base in India helps us deliver the spares to fulfill any requirement for spares in IS machine at very competitive pricing.

## APPLICATION

- Pharmaceutical Glass industries
- Domestic Glass industries
- Container Glass industries

## Material

- The Shear Blades are made from high quality Molybdenum and Tungsten High Speed Steel
- Special 6B alloys shears blades are also available for ultra high wear resistance