

TOOLING FOR BALL MANUFACTURING INDUSTRIES

BALL HEADING DIES

- » Parin Engineering have been specialized for manufacturing of carbide heading dies for steel ball industries from 1994. The die and punch is used to make the headed ball which on processing further turns into finish ball used majority for bearing Manufacturing.
- » The die design recommendations derived from practical experience, theoretical stress analysis, proven application engineering practices and modern manufacturing techniques has helped Parin Engineering to manufacture dies with high tool life and better shape of the ball.
- » Proper selection of carbide grades based on the material to be headed, cavity design and machine condition is also an important factor for increase in the tool service life of the dies. We also supply dies which are capable of re-polishing.
- » We manufacture dies for National, HIGHLAND, WATERBERRY, etc. Dies can also be manufactured as per customer drawing.



CARBIDE CUTTER /QUILL & FINGER

- » Cutter are used in combination with quill and finger to cut the slug and position in between the die and the punch. With the success of heading dies and customer recommendation Parin Engineering started the development of cutter, quills and finger.
- » Different grades of carbides have been developed for different application, thereby giving optimum performance of the tools.
- » All the tools are manufactured with stringent process control and 100% traceability of the carbides used for each die can be achieved.
- » In house ERP system has been followed to maintain entire process with all the necessary documentary evidence. Minimum stock level of all the fast moving items are maintained to reduce the delivery lead time to as low as 24 Hrs.