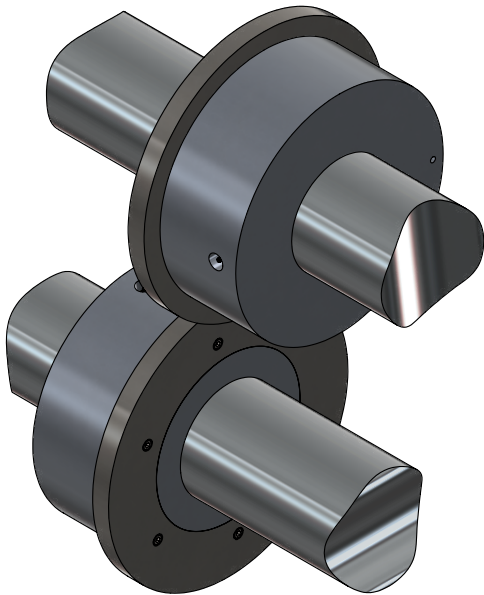
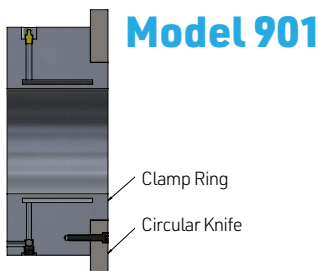


# Clamp Rings

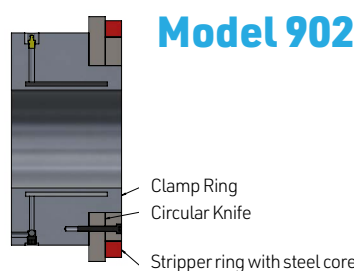


Hydraulic clamp rings use extreme internal pressure to clamp directly to plain arbors. Using our F-Nipples and handpump to bring the pressure chamber to over 10,000 PSI (700 bar) results in tons of friction force to keep knives, discs or spacers fixed firmly in place. No thread required!



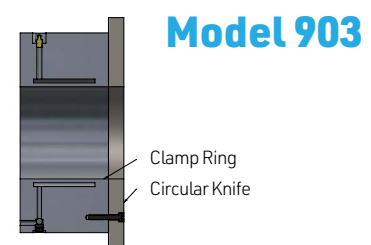
Circular knife is mounted on the seat and bolted against the shoulder. The hydraulic chamber extends under the knife seat.

An outboard stripper ring with steel core may be bolted against the face. This arrangement becomes Model 921.



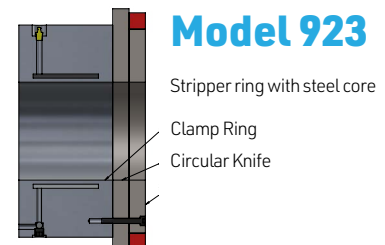
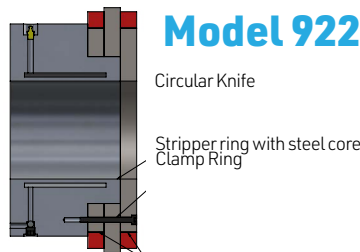
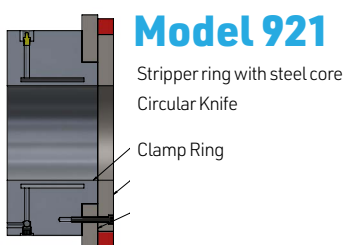
Circular knife and stripper ring with steel core are mounted on the same seat and bolted against the shoulder. The hydraulic chamber extends under the knife seat.

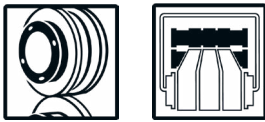
An outboard stripper ring with steel core may be bolted against the face. This arrangement becomes Model 922.



Circular knife I.D. equals the clamp ring I.D. The knife is bolted against the face of the clamp ring.

An outboard stripper ring with steel core may be bolted against the face. This arrangement becomes Model 923.

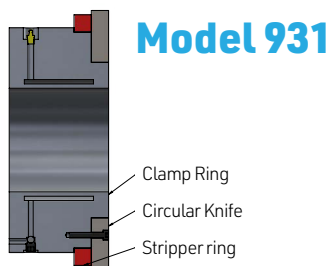




Amtec Hydraclamp Clamp Rings are precision engineered and manufactured to the tightest tolerances. When selecting and using clamp rings, it is imperative you understand your arbor(s) must also be precision engineered using the highest quality, hardened steel to ensure the clamp ring has a perfect surface to grasp. Any burs, dents or deformation will prevent either complete installation or effective clamping.

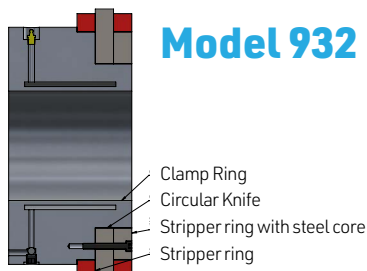
Because clamp rings are pressure welded prior to precision grinding, some deformation of the ID may be possible after pressure cycles, even in spite of annealing and normalization. Some cases may require Amtec Hydraclamp to regrind the ID to remove any elliptical deformation.

Please contact your local distributor or Amtec Hydraclamp directly for the available configurations and sizes of Clamp Rings.



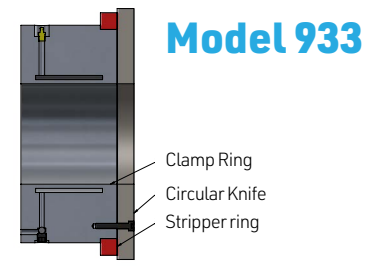
An inboard stripper ring and circular knife are mounted on separate seats with the knife bolted to the shoulder. The hydraulic chamber extends under the knife seat.

An outboard stripper ring with steel core may be bolted against the face. This arrangement becomes Model 941.



Circular knife and stripper ring with steel core are mounted on the same seat and bolted against the shoulder to retain an inboard, coreless stripper ring on a separate seat. The hydraulic chamber extends under the knife seat.

Circular knife and two stripper rings with steel cores are mounted on the same seat and bolted against the shoulder. This arrangement becomes Model 942.



Circular knife I.D. equals the clamp ring I.D. The knife is bolted against the face of the clamp ring. Retains inboard, coreless stripper ring

An outboard stripper ring with steel core may be bolted against the face. This arrangement becomes Model 943.

