

Cage Retaining System CRS (Standard 664x) suitable for cylindrical and quick change pillars (patented)

Advantages:

- Retention of the cage when exiting the preload
- Small place requirement in the tool's lower part thanks to the movable cage retainer
- Advantages during manipulations like removal/installation of the tool

Anti-friction guides are increasingly being used instead of slide guides. The reason is clearly the predominant advantages of the anti-friction guides.

For constructions where the guide pillar is mounted in the top plate (transfer-tools, long working stroke, etc.) a cage retaining system is required.

With most of the commercially available systems, compromises regarding the guiding quality have to be made, and therefore the advantages are considerably reduced.

Agathon LTD. has now developed a system on which these weak points have been eliminated.

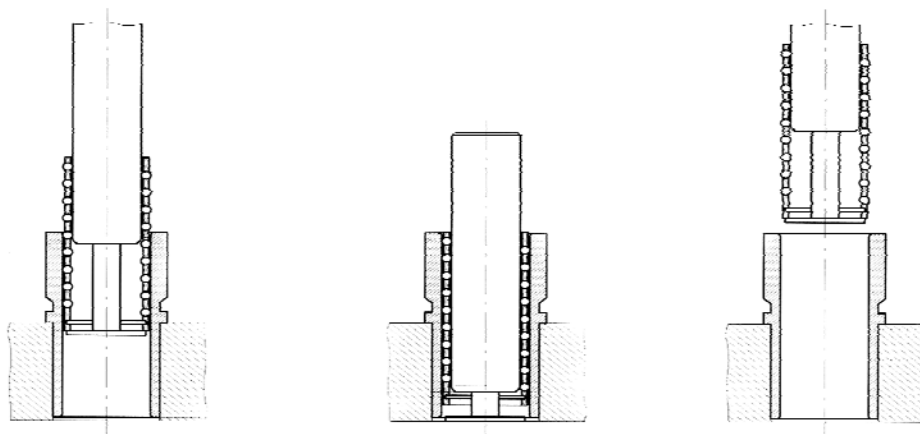
The bearing surface of the pillar does not require any machining, which would negatively influence the surface quality. Occurring forces can equally be transferred to the pillar throughout the whole range of the cage. The application of balls on the whole range of the cage has a positive effect on the bearing density and thus on the loading capacity, resulting in stiffness.

Additional advantage:

With the scallops on the CRS disc, the flipping of the tool's top plate (on the bench) can be made possible without damaging the CRS. Before flipping the plate, simply position the disc so that one of the scallops is pointing in the same direction you will flip.

The CRS will not extend under its own weight. Somit kann das zusammengefahrenen Werkzeug in die Presse problemlos Ein- und Ausgebaut werden das CRS innerhalb der Buchse gehalten bleibt.

An adjusting ring equips the CRS on the screw, which defines the built-in length precisely. The CRS must be tightened until it stops on the adjusting ring. The screw is plastic-laminated to facilitate retention.



Direktwahl

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Cage Retaining System (CRS) - Standard 6640

