

Guide elements

Z060/...; Z080/...; Z082/... Precise mould centring – conical or flat

Coordinated to the distance ring Z081/..., the Z060/... enables precise, conical mould centring and it's also a locking to prevent transversal forces in the mould.



Z080/... is used especially for the centring of mould plates, e.g. on the hot half. A constant tolerance (tolerance 0.004-0.016) make accurate guiding and locating possible. Pre-locating unit Z082/... – identical in construction to Z080/..., maintenance-free thanks to DLC coating.

Z085/... Locking against shearing forces

The HASCO flat locating unit Z085/... is a precise centring with short guide.



Z051/... Locating unit, round



Inter-changeable components

Z01/... Guide pillar (Angle Pin)

With extraction thread



Z071/..., Z072/... Optimum maintenance and high precision surface guidance

With a narrow tolerance, precise and reliable guiding and centring of mould plates or stripper plates in injection moulding and diecasting moulds is ensured.



Z09/... Especially for high-precision tools

The flat locating unit Z09/... is a combination of pre-centring followed by high-precision final centring – so that the fixed and the moving mould half are in precise alignment to each other.



Z58/...; Z14W/...; Z13/... Individual combination possibilities

The guide support pillars Z58/... have the dual function of guiding the ejector system whilst supporting the mould and intermediate plates at the same time.

Adapted to the self-lubricating guide bushes Z14W/... and the linear ball bearings Z13/...



Locating guide pillar without oil groove

with DLC coating

shouldered

Z04/...



Z040/...

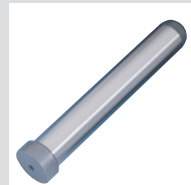


Z031/...



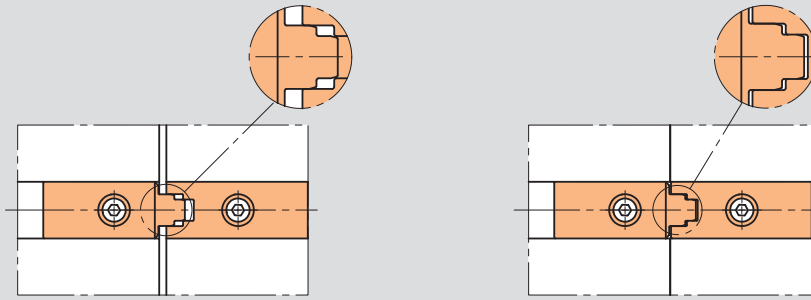
Z0100/...; Z1000/...; Z1100/... Good fit with virtually no play

Through the very tight h4 guide tolerance of the new guide pillars Z0100/..., a virtually clearance-free system is created in combination with linear ball bearings Z1000/... and Z1100/...



Function

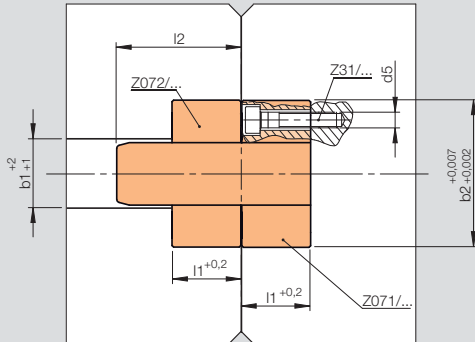
Z09/...



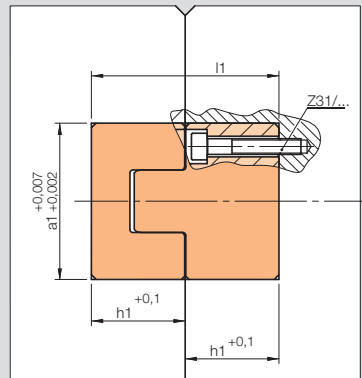
When brought together the inserts make contact in the pre-centring area (tolerance 0.03 to 0.05 mm).

When pressed further together the definitive centring occurs (tolerance 0.002 to 0.012 mm).

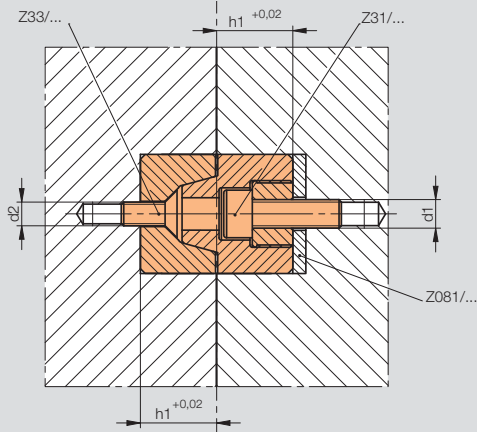
Z071/... Z072/...



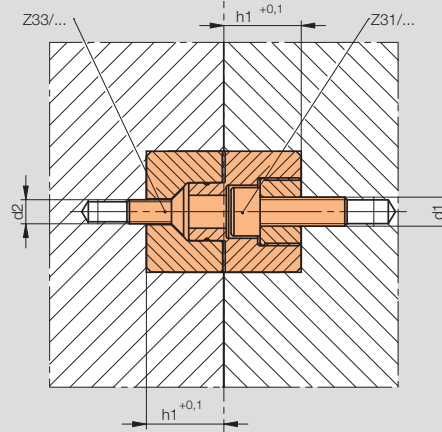
Z085/...



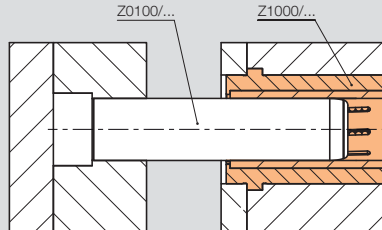
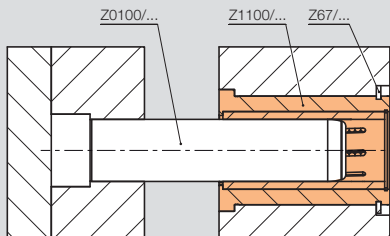
Z060/...



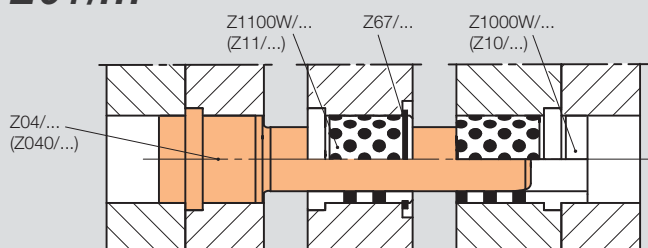
Z080/... Z082/...



Z0100/... Z1000/... Z1100/...



Z04/...



Z58/... Z14W/... Z13/...

