

This Sheet Has Been Replaced


ABSTRACT OF THE DISCLOSURE

5 The upper tool unit part of the tool unit module
is directly mounted to the ram of the punch press. The upper
tool unit part includes flanges having through bores.
Threaded bolts are received in the through bores which are
surrounded by sleeves having an outer diameter which is
smaller than the inner diameter of the through bores. These
10 threaded screws connect the upper tool unit part directly to
the ram. Due to the smaller outer diameter of the sleeves the
ram can displace laterally relative to the tool unit module.
The threaded bolts are heightened, thereby, onto to such an
extent that the ram may slide on the upper tool unit part
15 such that a displacing due to a thermal expansion can take
place. The ram may be of an integral design or include a
separate plate shaped ram portion into which the thread bolts
are screwed. The lower tool unit part is mounted to the
alignment plate in a precisely aligned manner. To this end
20 precise bore holes are formed in the lower tool unit part and
further precise bore holes are formed in the alignment plate.
The final precise positioning is accomplished by sleeves in-
serted in the bore holes.

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