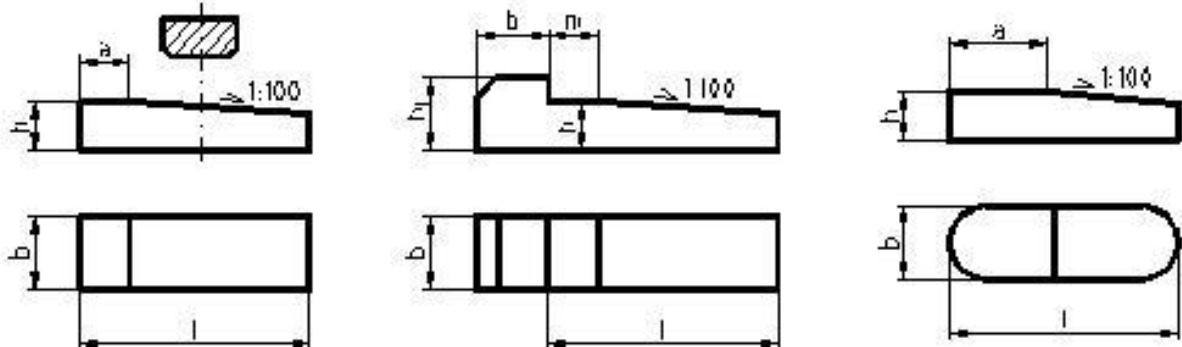




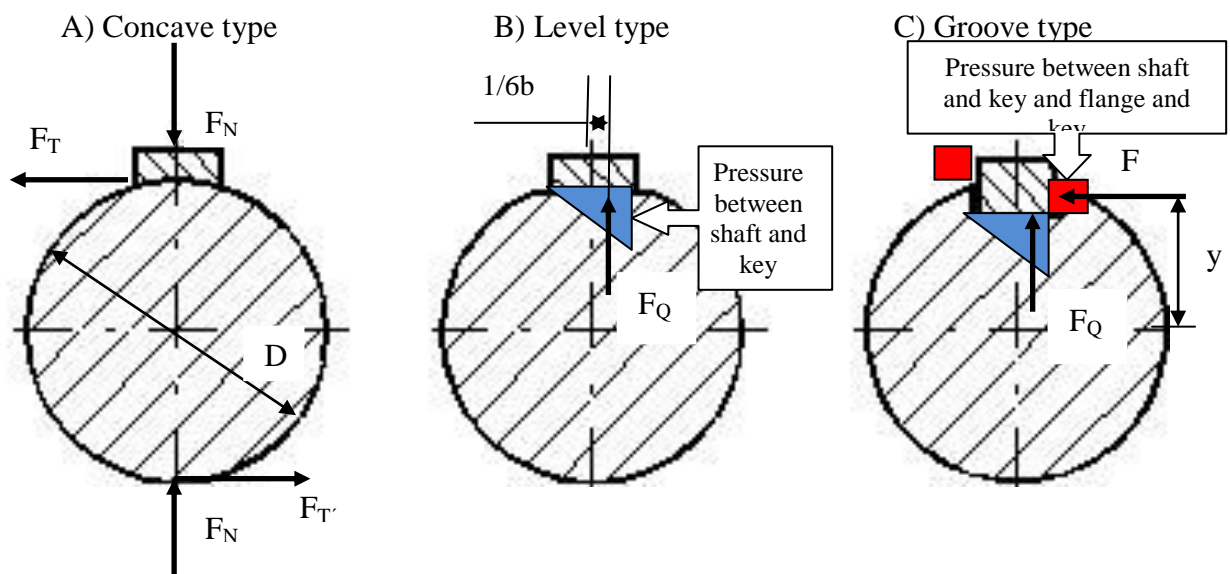
Shaft Components

Design of gib-head key

Type of gib-head key



Type of shaft and flange connection using gib-head key



A) Concave type – only friction contact between shaft- gib-head key-flange

Basic condition

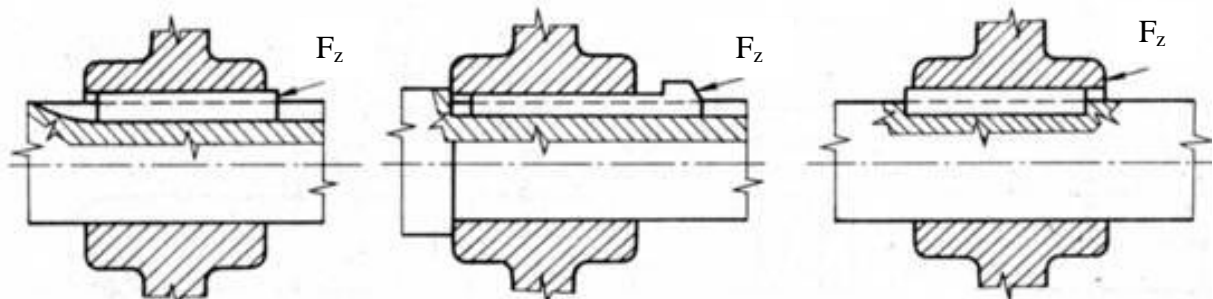


B) Level type – combinations of friction contact and profile contact between shaft-gib-head key-flange

C) Groove type - combinations of friction contact and groove profile contact between shaft-gib-head key-flange

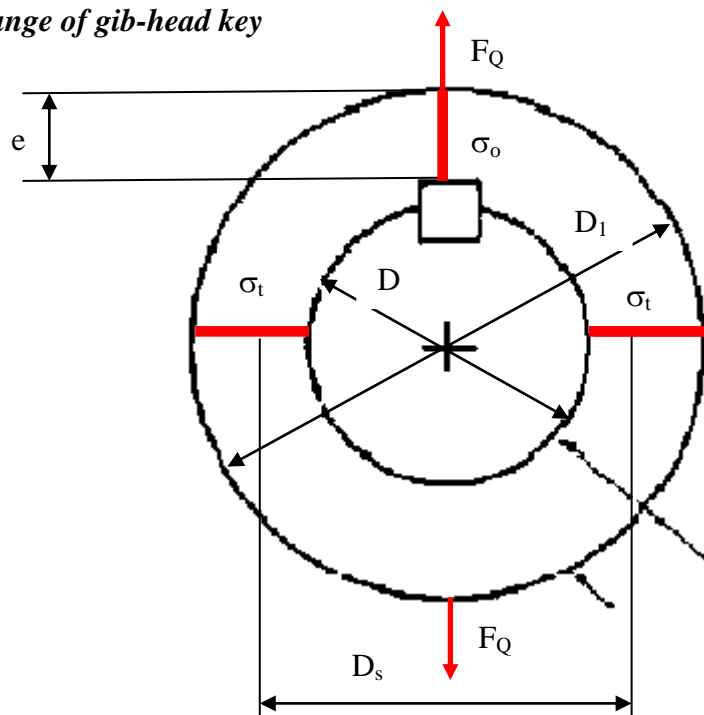


Force for hammering away of gib - head key



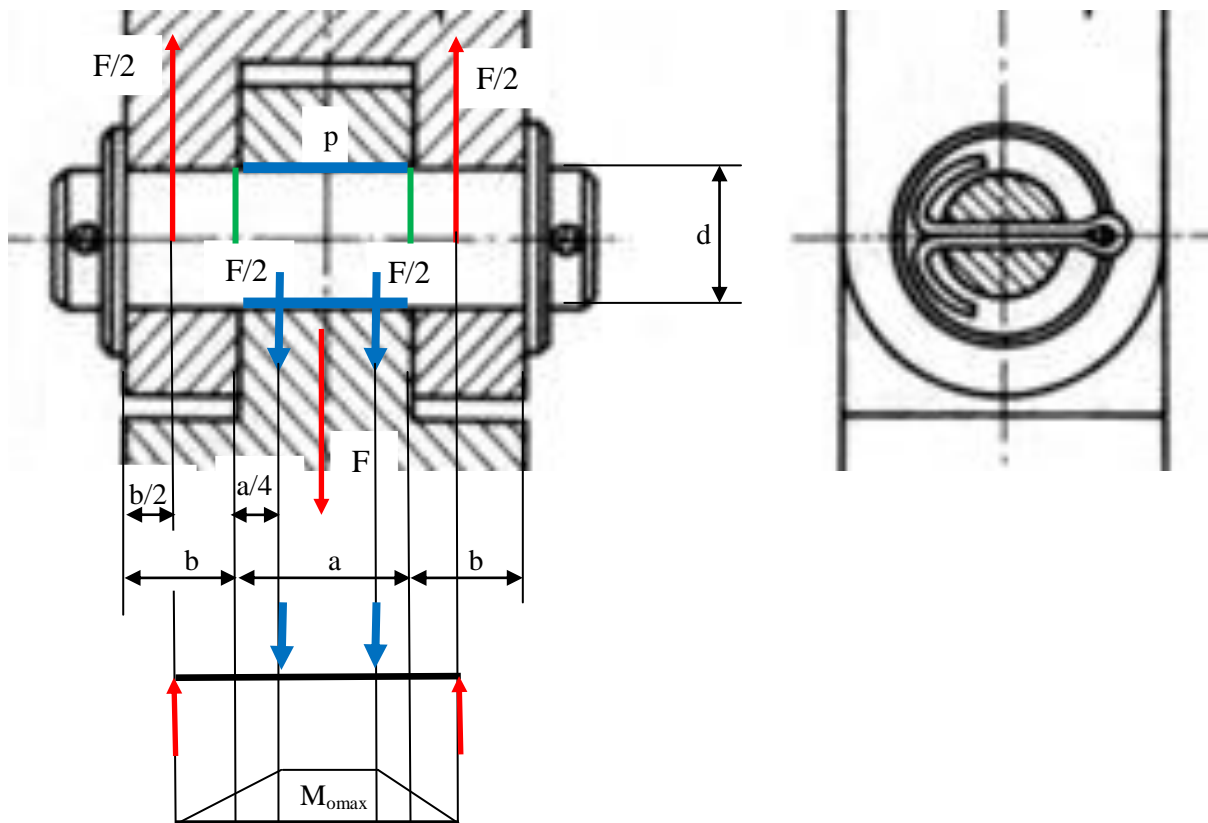
Hammering force

Strain of flange of gib-head key





Design of linkage pins





1. *Bending stress of linkage pin*

2. *Pressure on linkage pin*

3. *Shear stress of linkage pin*