Die block on the hot former is influenced a lot by the heat up to 1200°, scale generated when the parts forged or the steam belched out. Especially the inner diameter of the die block at second station is worn out excessively due to the forging load larger than other stations and once it got damaged, always required to weld the worn out part to recover. Whole die block must be removed to do this job and takes an operator quite a long time.

In case of the split type die block, die block for 2nd station that spoiled easily is independent from others so that it is convenient to replace. Besides, it can be simply coped with in case of the accident such as double forging.

**Problems with conventional type**
- Whole die block is required to remove in order to make modification only on the worn out #2 die block.
- For preventing the wear of #2 die block, hardness and quality of the material or the surface treatment for die block used on every station must be improved and increase the tool cost.
- It was difficult to remove the die block when the die ring (case) is broken due to accident.

**Advantages of split type die block**
- Only #2 die block can be replaced individually.
- Hardness or material for just #2 die block can be upgraded.
- In case of the accident, it is much easier to manage.

**Split type die block**
#2 can be removed without replacing whole die block

On model HPF machine, system not only #2 can be taken out individually but can split both #2 and #3 or vertically split die block that clamped with bolt are available corresponding your needs.