

OPERATING INSTRUCTIONS

PRODUCT TYPE

UNIVERSAL 2-JAW PULLERS

MODELS

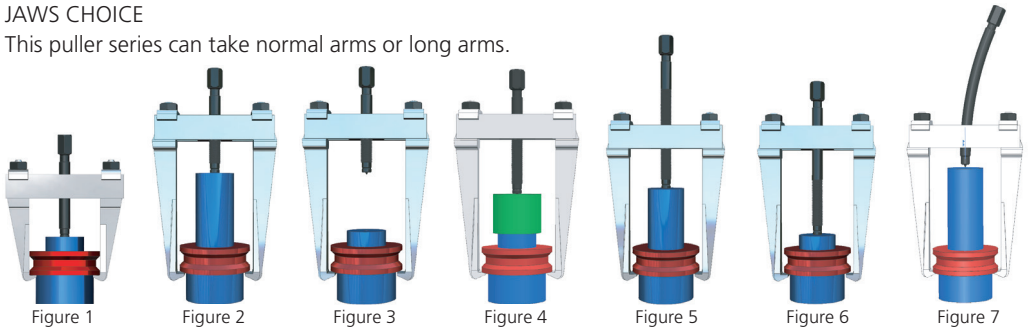
8453-SERIES



1. Make sure that the spindle is perfectly cleaned and greased.
2. Check that the shaft is punched. Otherwise use a point protector.
3. See that arms are evenly spread.
4. Put the force extraction by turning the spindle. Do not hit the spindle.
5. Do not maintain the spindle out of the body too much time.
6. Wear all necessary safety equipments.

JAWS CHOICE

This puller series can take normal arms or long arms.

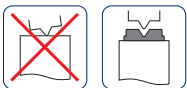


Pullers with 'normal' arms are used to remove parts near the shaft end. (Figure 1)

Pullers with 'long' arms are used to remove parts distant the shaft end. (Figure 2)

If the spindle is not the same size as the arms, and using a puller with long arms does not work to remove parts near the shaft end (Figure 3), it is possible to add a chock between the shaft and spindle (Figure 4).

If the spindle of the long arms puller is as long as the arms, (Figure 5+6) there will be a risk of twisting the spindle when pulling because the effort is made far from the puller's body and will produce a strong moment (Figure 7).



Note:

If the shaft doesn't have a centre hole, use a point protector in order to prevent possible damage for the shaft and the puller.