

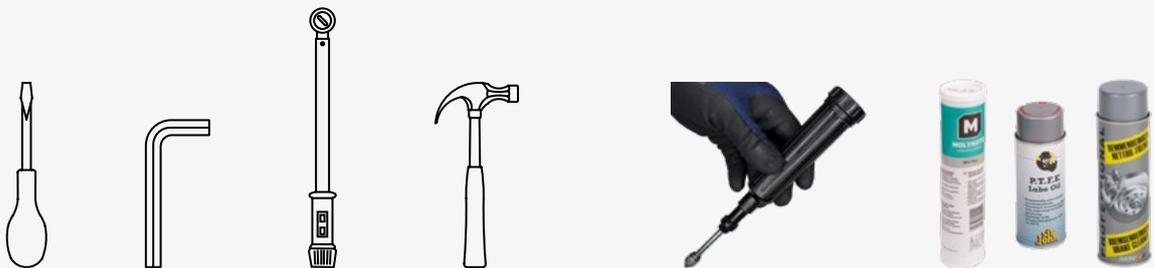
Hydraulic Solutions

MAINTENANCE INSTRUCTION



Daily Maintenance of Cutting Tools HBC & HMC models

The daily preventive maintenance will take approximately 1-2 minutes and will ensure that your cutter will stay in optimal condition.



required tools

- Screwdriver
- Hammer
- Allen key 4mm
- Grease gun
- Lubrication set
- Torque wrench with socket:
 - **HBC/HMC50 32mm**
 - **HBC/HMC100 34mm**
 - **HBC/HMC400 38mm**



Only for HMC: Check hoses & couplers for leaks, dirt, and damage



START position, **blades not fully closed!**



Remove the top and bottom skiffy plugs



Fold back the protection sleeve



Remove the bolt of the top cover



Remove the top cover



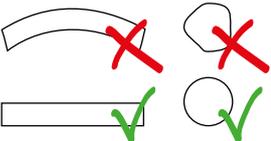
 Remove the locking plate

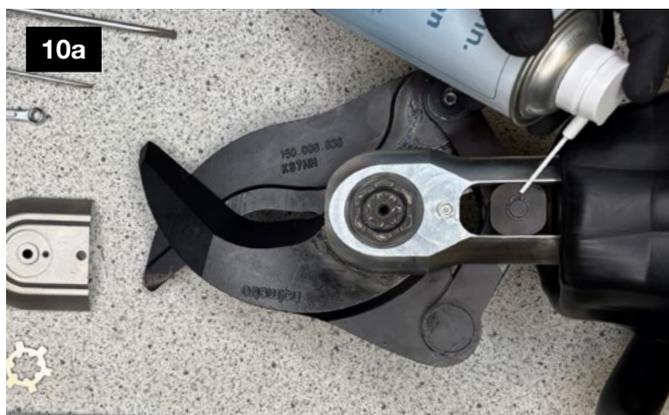


 Untighten the nut

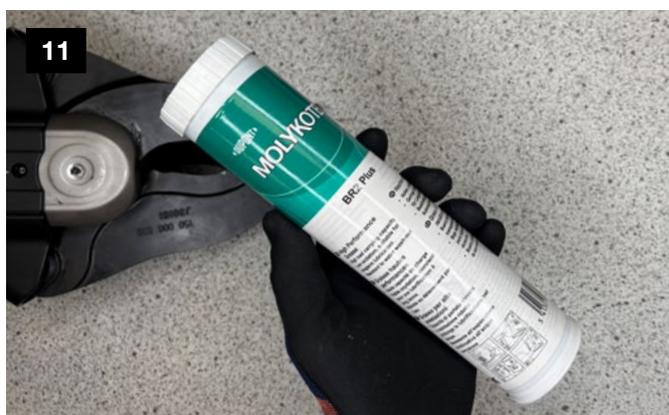
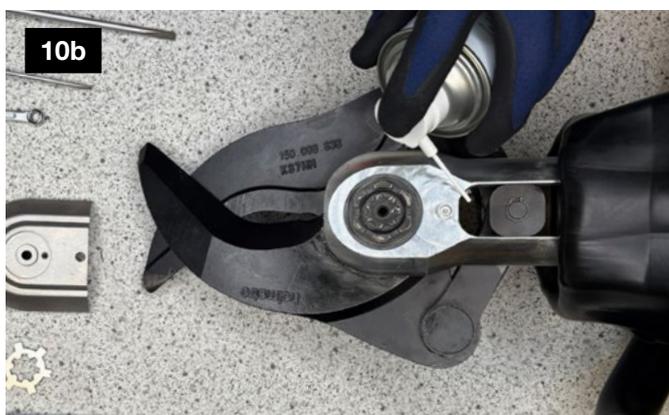
| | |
|------------|------|
| HBC/HMC50 | 32mm |
| HBC/HMC100 | 34mm |
| HBC/HMC400 | 38mm |



 Check the guidance plate and guidance pin



 Lubricate the guidance plate and guidance pin with teflon spray



 Fill up the grease gun with Molycote grease



Lubricate the hinge pins and the I-bolt with the grease gun.
Stop applying grease when the grease can be seen



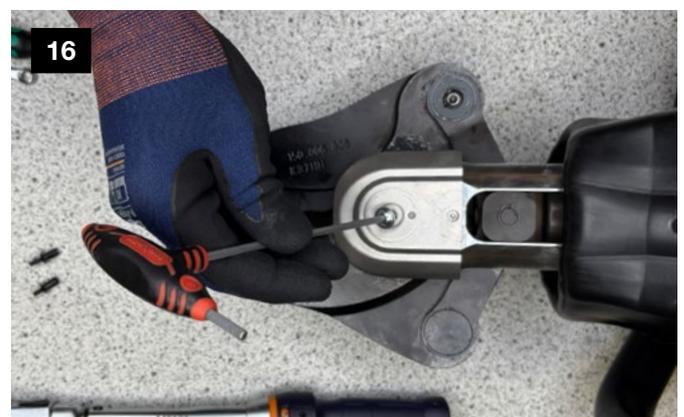
Torque the nut 50Nm



Mount the locking plate.
! Fits in one way



Mount the cover



Mount the bolt



Unfold the protection sleeve



Mount the skiffy plugs on both sides

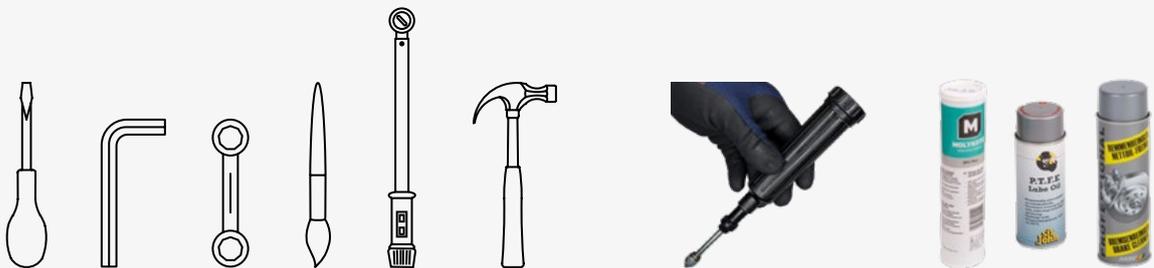
 **Tip:** Remove excessive grease

MAINTENANCE INSTRUCTION



Weekly Maintenance of Cutting Tools HBC & HMC models

The weekly preventive maintenance will ensure that your cutter will stay in optimal condition.



required tools

- Screwdriver
- Hammer
- Allen key 4mm
- Ring spanner 7
- Brush
- Grease gun
- Lubrication set
- Torque wrench with socket:
 - **HBC/HMC50 32mm**
 - **HBC/HMC100 34mm**
 - **HBC/HMC400 38mm**



Only for HMC: Check hoses & couplers for leaks, dirt, and damage



START position, **blades not fully closed!**



Remove the top and bottom skiffy plugs



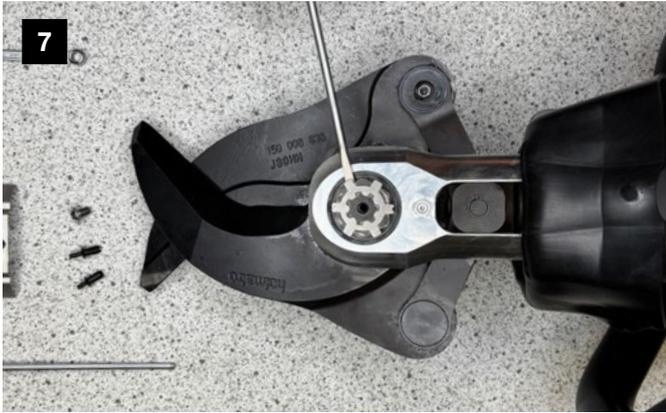
Fold back the protection sleeve



Remove the bolt of the top cover



Remove the top cover



 Remove the locking plate



 Untighten the nut



Remove the nut



 Remove the 2 smaller clips ([watch video](#)) and 2 hinge pins



 Remove the grease nipple and ring



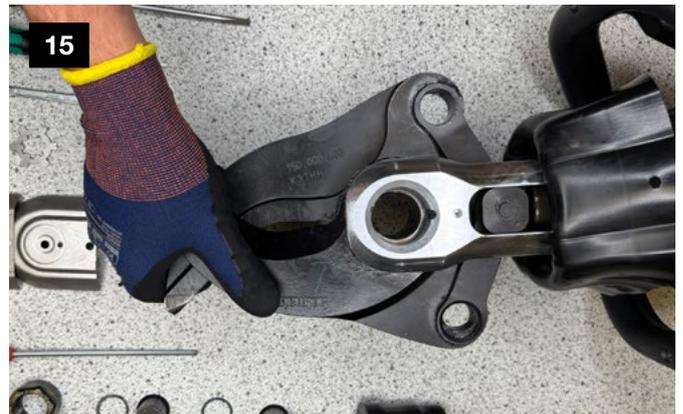
Remove the lower cover



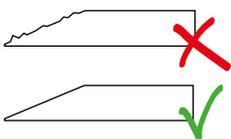
Remove the locking pin



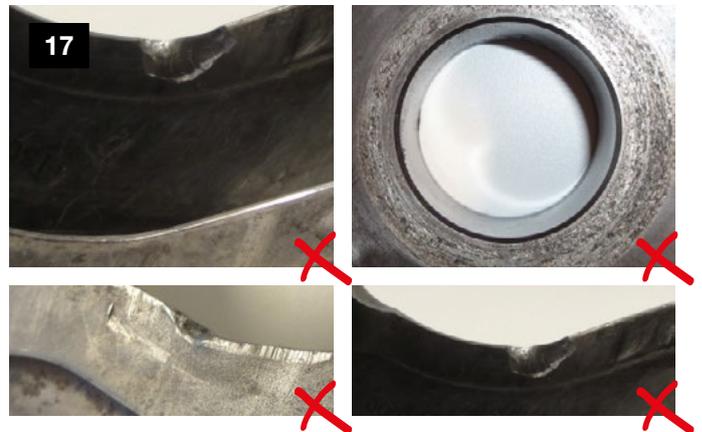
Remove the i-bolt



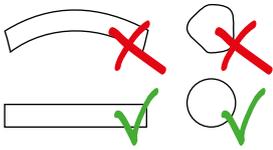
Remove the blades



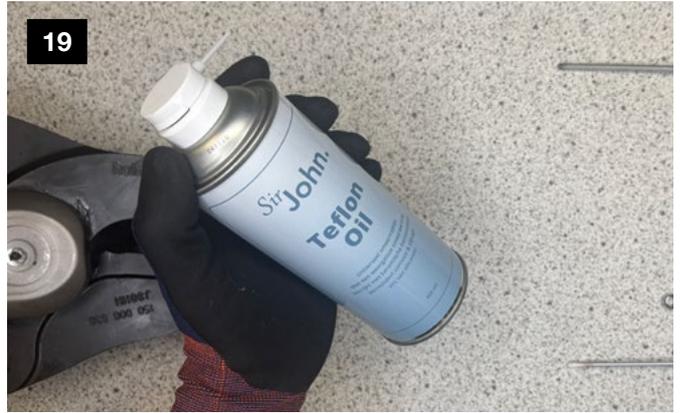
Clean and check the blades for fretting, hair cracks, and damaged



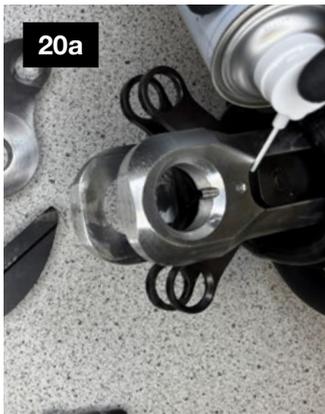
Clean and check the blade holder, levers, i-bolt, and hinge pins for fretting and damage



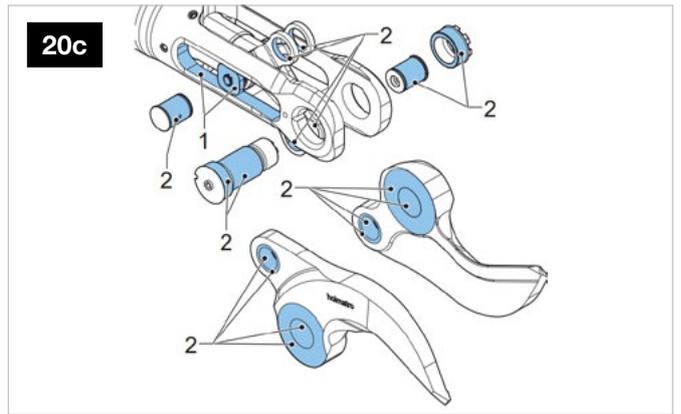
Check the guidance plate and guidance pin for fretting and damage



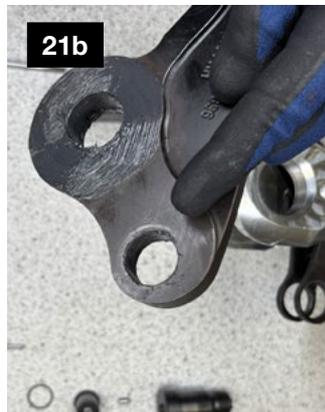
Teflon spray



Lubricate the guidance plate and guidance pin with teflon spray



1 = Teflonspray
2 = Molycote grease



Lubricate the sliding parts and holes of both blades with a thin layer of molycote grease



Slide the blades in the blade holder



Lubricate the i-bolt with a thin layer of molycote grease



Mount the i-bolt



Mount the locking pin



Mount the cover



Mount the grease nipple and ring



Lubricate the hinge pins and levers with a thin layer of molycote grease



Mount the hinge pins with the smalley ring on the cutting side of the blade



Mount the smalley ring ([watch video](#)) on the cutting side of the blade



Fill the grease gun with Molycote grease



Lubricate the hinge pins and the I-bolt with the grease gun.
Stop applying grease when the grease can be seen.



Lubricate the nut with a thin layer of molycote grease



Torque the nut 50Nm

| | |
|------------|------|
| HBC/HMC50 | 32mm |
| HBC/HMC100 | 34mm |
| HBC/HMC400 | 38mm |



Mount the locking plate.
! Fits in one way



Mount the cover



 Mount the bolt



Unfold the protection sleeve



 Mount the skiffy plugs on both sides
 **Tip:** Remove excessive grease