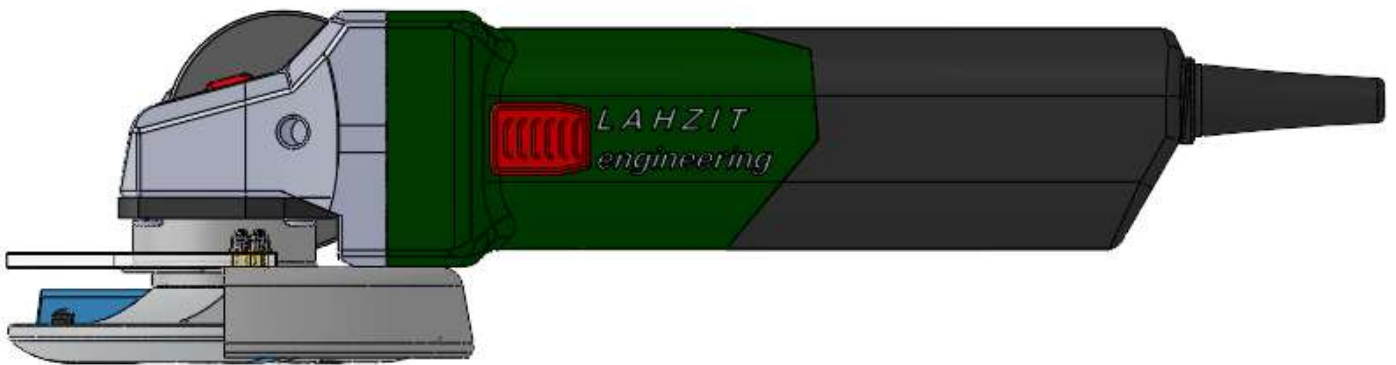


USER & SAFETY MANUAL

**LOG PEELING AND SHAPING TOOL
D125 PLR (5/8"-11, USA version)**



ATTENTION! The cutting blades of this power tool are very sharp!

We suggest you read this information before you begin to use this product. To use this product safely, always follow general requirements and safety rules!

1. Usable 5" (125 mm) angle grinder's rated power must be at least 700 W (watts), max spindle speed limit is up to 12 000 min⁻¹ (RPM), grinder spindle thread must be 5/8"-11 (most common in the USA), which is common angle grinder spindle thread in European and other metric system countries. It is recommended that the grinder be equipped with soft start system and electrical or mechanical safety clutch.
2. The log peeling and shaping tool D125 PLR (figure 1, pos. 1) will be attached to the angle grinder spindle using its internal reinforced thread 5/8"-11 (figure 1, pos. 5). Ensure that the grinder's disc flange (figure 2, pos. 2) is in use and its step edge with diameter 22.23 mm / 7/8" is directed towards the tool's fixing thread 5/8"-11 like it is shown on the figure 2. Make sure the rubber seal (O-ring) OR 32x2 mm (figure 1, pos. 4) is not damaged before fixing the tool to the grinder's spindle (figure 2, pos. 3). The log peeler tool kit always includes spare seal OR 32x2 mm, rubber mark NBR 70. This seal prevents to avoid tool loosening after angle grinder motor is turned off. It works as a frictional brake and therefore it is important to check this O-ring condition.
3. Tool thread connection 5/8"-11 must be tightened until there is no gap between tool body and disc flange with a special angle grinder's wrench using special holes for that in tool body (figure 5). It is important to use gloves, because there is a risk to injure operator's hand against the cutting blades, when the wrench should be accidentally slip away. Please be very careful!
4. Always disconnect the grinder machine from the power source when changing cutting blades (figure 1, pos. 2) or when performing any general maintenance activities (such as adjusting or cleaning). Remove dust, wood resin etc. using a special brass cleaning tool which includes with the tool kit.
5. Handle cutting blades with care. After sharpening, the blades can injure hands – therefore always use gloves! Sharpening geometry and other related information is shown in figure 4 and figure 6.
6. Cutting blades must be adjusted according to peeling process requirements - the thicker bark of log requires to adjust larger cutting depth (up to 2.0 mm), the wood surface finishing needs adjustment of blades to 0.5...1.0mm. Make sure that the cutting blades are equally adjusted (figure 3).

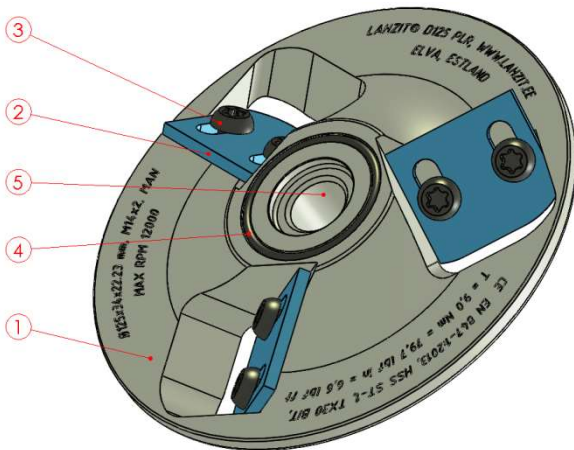


Fig 1. Complete log peeling and shaping tool D125 PLR shown with its main parts.

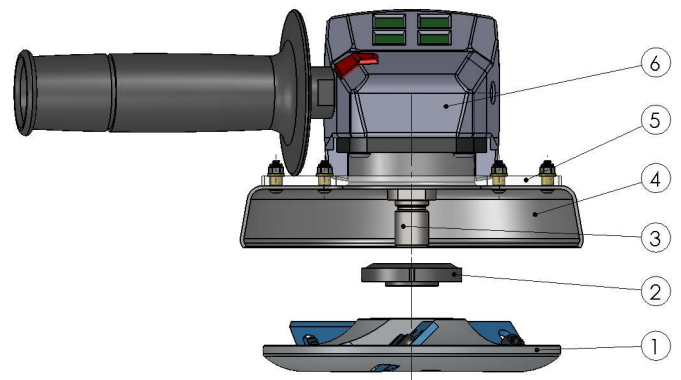


Fig 2. Attaching scheme of log peeling and shaping tool D125 PLR to the 5" (125 mm) angle grinder.

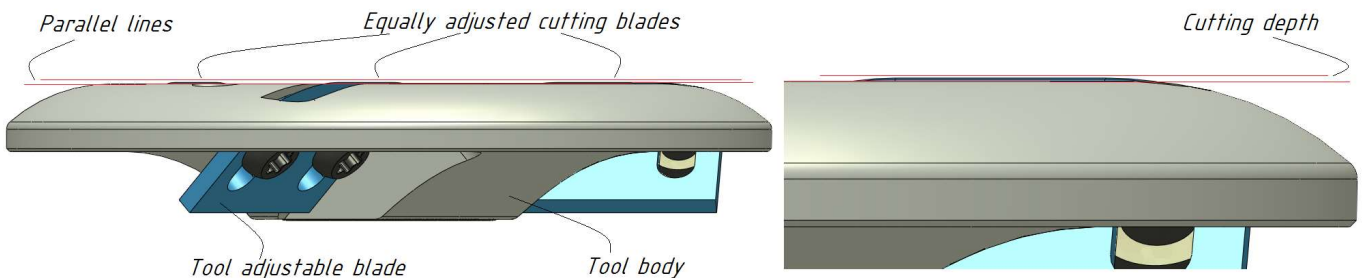


Fig 3. Principle of peeling and shaping tool D125 PLR cutting blades adjusting – blades cutting edges must be on the same level. You can check it for example using small plywood piece - cutting edges must leave 3 notches to the same level on the plywood!

7. Ensure blades fixing **screws M6x12 ISO7380** (figure 1, pos. 3) are tightened. Screws must be tightened up to the **torque 9.0 Nm** (79.7 In. Lb. or 6.64 Ft. Lb.). Please use ¼" Torx T30 screwdriver bit, which included to the set of log peeler tool.
8. It is not allowed to start the angle grinder with not correctly tightened cutting blades!
9. If there are some deviations from the normal product operation (strange noise, vibration, loose cutting blade), **you must stop the machine immediately!**

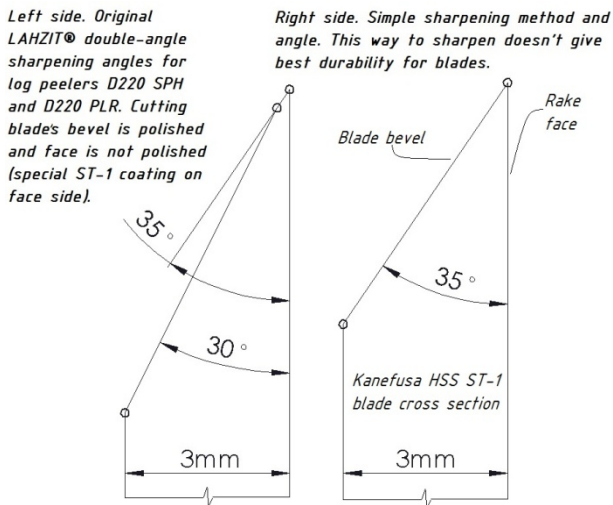


Fig 4. Sharpening geometry of tool D125 PLR blades.

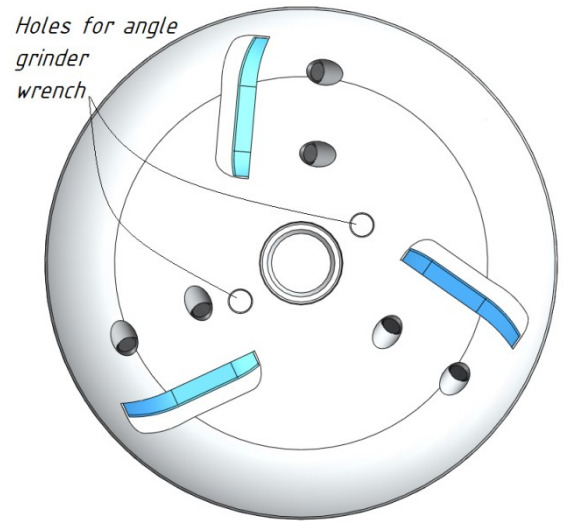


Fig 5. Special holes for angle grinder wrench.

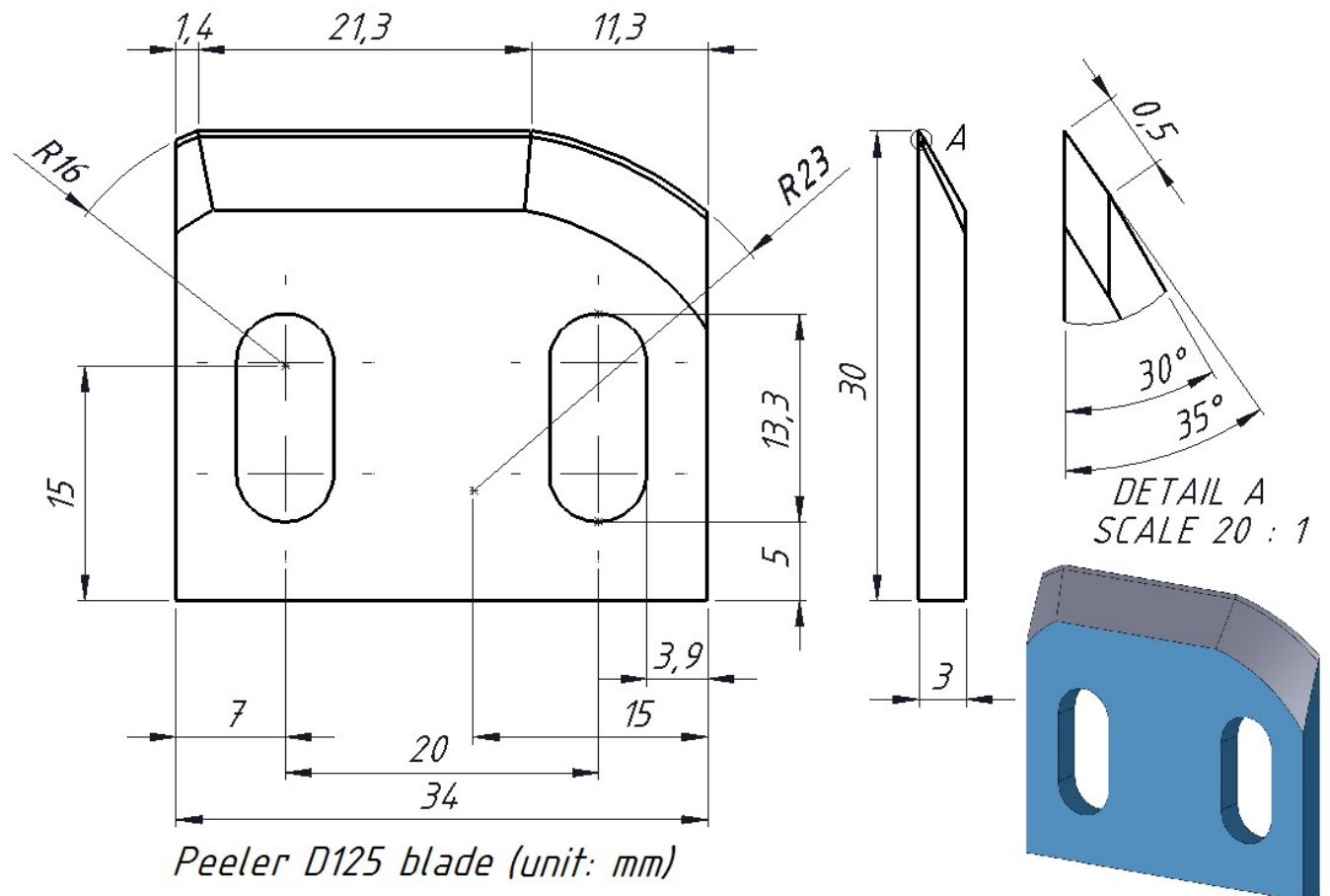
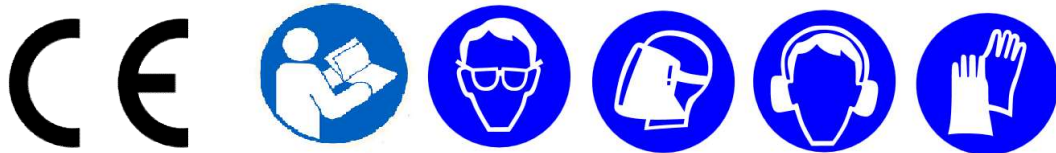


Fig. 6. Sharpening geometry and other measurements of tool D125 PLR blades.

SAFETY RULES

- Always start peeling (debarking) operation with rotating peeler disc.
- During operation always hold the angle grinder securely with two hand.
- Do not remove workpiece or cut-off pieces from tool during a cut while the peeler disc is rotating.
- Never put your hand or other body parts near or against to the rotating log peeler tool!
- Do not leave peeler machine with rotating tool until it comes to a complete stop.
- Wear proper eye / ear protection. Everyday eyeglasses have only impact-resistant lenses; they are not safety glasses. Also use a face or dust mask if log peeling operation is dusty. Visitors should wear the same protection.
- We recommend to use special designed extra protective cover Lahzit® PC-D125, which can be ordered from our company's webshop www.lahzit.ee.
- Use proper work gloves and anti slip security shoes
- Avoid wearing clothing with loose sleeves.
- When tool is not in use, please store it safely in original plywood box in dry storage. We recommend to keep peeler's blades sharp and to process them with conservation oil. This helps to prevent corrosion damages.



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