

Tests carried out in the manufacture of the support for angle grinder

Type of test	Detail	Description	Show details
Initial preparation	Anchoring	- Securely anchor the equipment with clamps	-
	Grinder installation	- Install the equipment in the clamp	-
	Sample part preparation	- Cut an angle of 1 /4"*40 cm	-
Adjustments on assemblies (no load test)	Clamping of the angle grinder	- Keep the handle of the equipment immobilized. - Apply moderate force on the grinding wheel, from side to side and from top to bottom.	- The equipment must be kept without slipping on the stop screws.
	Press grip	- Mount and tighten the sample firmly in the press at 90°. - Attempt to remove the sample by hand, applying moderate force.	- The sample must not slide on the jaws.
Cut	Main test	- Cutting only the edge of the sample (reflowing) - Loosen the press and adjust to 45°(check that the work piece is aligned with the cutting area). - Make a 45° cut	- General views of the process - Spring view - Profile view of the disc cutting, at a safe distance.
Accuracy of the result	Measurement of cuts	- Remove the sample, to detail: - Appearance of the cut - Accuracy of cutting angles	- Close-up view of the cuts - Present square to measure cutting angles.

These activities were carried out during the manufacture of the equipment, being satisfactory.



