

LIXAS TATU



TRADIÇÃO EM ABRASIVOS

PRODUCT TECHNICAL SHEETS

Applications

Suitable for use in metal workshops and industrial maintenance and repairs. Available for applications in compliance with ABNT 15230 standards, the discs can be used in portable or benchtop machines. **Cutting Disc for steel in general with 2 reinforcing screens.**

COMPOSITION / TECHNICAL DATA

- **Abrasive mineral:** Aluminum oxide;
- **Type of alloy:** Resinoid;
- **Hardness:** Q;
- **Reinforcement:** 2 Fiberglass screens.



CUTTING DISC FOR GENERAL STEEL

Know our discs



| Reference codes | Specification inches | Specification millimeters |
|-----------------|-----------------------|---------------------------|
| FT4600 | 4 1/2" x 3/64" x 7/8" | 114,3 x 1,2 x 22,2mm |



| Reference codes | Specification inches | Specification millimeters |
|-----------------|----------------------|---------------------------|
| FT4602 | 7" x 1/8" x 7/8" | 177,3 x 3,2 x 22,2mm |



| Reference codes | Specification inches | Specification millimeters |
|-----------------|----------------------|---------------------------|
| FT4603 | 9" x 1/8" x 7/8" | 228,6 x 3,2 x 22,2mm |



| Reference codes | Specification inches | Specification millimeters |
|-----------------|----------------------|---------------------------|
| FT4609 | 12" x 1/8" x 3/4" | 304,8 x 3,2 x 19mm |

*The specifications are ordered by "external diameter x thickness x hole diameter"

CUTTING DISC FOR GENERAL STEEL

CUTTING DISC FOR GENERAL STEEL

Description

Type 41 general purpose cutting discs are suitable for cutting carbon steel, industrial maintenance and repairs. Used in multi-cut or portable machines. They work at high speed, which provides excellent cutting execution.

Select the appropriate disc for the material and work that will be carried out, It is also important to select the machine to be used and the operating conditions. Before starting use, let the disc spin freely for 1 minute in a protected place.

- It must be used at a 90-degree angle in relation to the piece.
- Inspect the disc before assembling it, it must be free of cracks, chips, warping, etc.;
- Assemble the disc only on specified equipment and designed for its use;
- Cutting discs must be assembled with flanges of identical diameters and contact area. The minimum diameter of the flanges must be $\frac{1}{4}$ of the disc diameter.
- Never force the assembly of a disc onto the machine shaft, also check if there is excessive play; if there is, do not use the disc

Instructions of Use

Safety

- Always wear PPE and a protective cover by the machine;
- Never use cutting discs in grinding operations, as the cutting discs have side reinforcement screens and they may tear during grinding operations ;
 - Do not use a disc that has any defects, mainly cracks, chips, warping, etc.
 - Do not use discs with a rotation speed higher than that specified on the label.

More information can be found in the standard "ABNT NBR 15230 - Abrasive Tools - Use, handling, safety, classification and standardization."

Storage

Store the product in its original packaging, in a dry place, away from humidity. The temperature must be between 15 °C and 27 °C and the humidity between 35% and 50%. It should also be away from the floor, windows and exterior walls. Incorrect storage can cause considerable performance reduction. Cutting discs must be stored in a horizontal position to avoid warping.

Validity

Under the above conditions, the product validity is 3 years, as shown in the center of the disc.