

# EXTREME ABRASIVES

Exclusive distributor for North America

**DANISH TOOL PRODUCTIONS**

## EXTREME SOLUTIONS ALUMINUM TRIMMING • GROOVING • CUTTING

TUNGSTEN CARBIDE TIPPED  
EFFICIENT AND FAST  
LONG LASTING  
MINIMUM DUST DEVELOPMENT  
LOW HEAT TRANSFER  
SAVES TIME AND MONEY

### INDUSTRIES:

- Ship Building
- Automotive
- Aviation
- Metal Fabrication
- Construction
- Energy
- Food
- Technology

### APPLICATIONS:

- Aluminum
- Magnesium
- Copper
- Zinc
- Lead
- Steel
- Composite
- Carbon Fiber
- Plastic



***If you need to trim aluminum these discs will work fast and will not heat up the aluminum. They do an excellent job and are often used in the manufacturing of tanks and for repairing trains. They are widely used in those two applications in Europe and especially in Denmark where they are made.***

This disc comes in two types, a conical-design and a flat-design

## BLACK LABEL Trimming discs

***The see-through design of these discs is made for working on aluminum but also work very well on copper, fiberglass, plastics and rubber.***

A fast working trimming disc designed for working in heat sensitive materials such as aluminum, fiberglass, plastic and copper. It features very good wear resistance. The work result is a smooth surface which is easy to work with, for example when preparing for welding, removing welding surplus or edges from die casting (or moldings).

This is an efficient fast working tool and it grinds about 25% faster than abrasive tools and last about 100 times longer, so ideal for production big or small. A customer in Denmark worked with one of these trim discs 8 hours per day for two weeks in a row. If they had been using abrasive wheels they would have removed and put a new one on 99 times which takes a minimum of about 5 minutes or less to do.

Another big advantage of these discs they are cutting and not grinding so they create only aluminum chips and no dust making it easy to clean out the work space. Because there is limited friction, during the work process, there is also a reduced cost of energy consumed.

Because you can see-through this disc you get an excellent view of the work piece you are grinding. They also make very little vibrations which also makes them easier to work with. They have 6 wide, specially made tungsten carbide cutting edges, welded to the outer diameter of them.

Because you can actually see-through this disc you get an excellent view of the work piece you are grinding. They also make very little vibrations which also makes them easier to work with. They have 6 large, specially made tungsten carbide cutting edges, welded to the outer diameter of them.

DT219	100mm - conical	4" - conical
DT220	125mm - conical	5" - conical
DT159	100mm - flat	4" - flat
DT160	125mm - flat	5" - flat

## BLACK LABEL - Grooving discs for small angle grinders



These discs are designed to make grooves on pieces of aluminum that are to be welded together. They were designed to work on small angle grinders. They get the job done quickly, making very little or no dust and will not heat up the material due to heat friction. The tungsten carbide teeth provide a prolonged life and their unique design make them work like a chip breaker and give you a U or a V profile with a 25° degree angle allowing for a better weld.

These special grooving discs come in two different types:

**Black/Orange Label:** This grooving disc leaves a track with a 1,5mm radius and an outgoing angle of 25° angle. It is typically used for welding aluminum sheets together in angles which have to contain liquids.

**Black/Purple Label:** A grooving disc which is used with composite materials which need to be welded and one of the materials needs to be removed for effective welding. This disc has a flat 1,75mm edge and an outgoing angle of 25° for filler material.

DT313	125mm/U	5"/U
DT113	125mm/V	5"/V

## BLACK LABEL - Cutting discs for aluminum/steel/composite



These new cutting discs for aluminum, steel and composite materials have our special developed **HOLLOW POINT** tungsten carbide teeth reducing the temperature development when processing the material.

These discs work on angle grinders and are typically used in situations where you would normally use a traditional abrasive cutting disc. However, this works fast and smooth and will reduce the amount of dust development during the work process.

The **HOLLOW POINT** design of the tungsten carbide teeth offers a prolonged lifetime of the blade, thereby providing an economical cutting rate.

These cutting discs come in diameters of 125mm, 180mm and 230mm, all with the unique chip-breaking **HOLLOW POINT** teeth.

DT114	125mm X 30 teeth	5" X 30 teeth
DT126	180mm X 44 teeth	7" X 44 teeth
DT127	230mm X 56 teeth	9" X 56 teeth

## BLACK LABEL - Power hacksaw blades



These tungsten carbide power hacksaw blades are suitable for production applications, cutting most types of metal including alloy and stainless steel.

This is tungsten carbide tipped power hacksaw blades suitable for use on any type of material. The **HOLLOW POINT** blades are virtually an unbreakable hacksaw blade and we have fitted them with special tungsten carbide teeth with a chip-breaking design. These blades can withstand high feed pressure and still give accurate cuts.

The **HOLLOW POINT** design of the tungsten carbide teeth gives you a prolonged lifetime, thereby providing an economical cutting rate.

The blades are supplied in lengths from 300mm up to 700mm and have a tooth pitch of 6mm, all made of tungsten carbide.

DT300	300mm X 45mm	12" X 1 1/4"
DT301	350mm X 45mm	14" X 1 1/4"
DT302	400mm X 45mm	16" X 1 1/4"
DT303	450mm X 45mm	18" X 1 1/4"
DT304	500mm X 45mm	20" X 1 1/4"
DT305	550mm X 45mm	22" X 1 1/4"
DT306	575mm X 45mm	23" X 1 1/4"
DT307	600mm X 45mm	24" X 1 1/4"
DT308	650mm X 45mm	26" X 1 1/4"
DT309	700mm X 45mm	28" X 1 1/4"

