

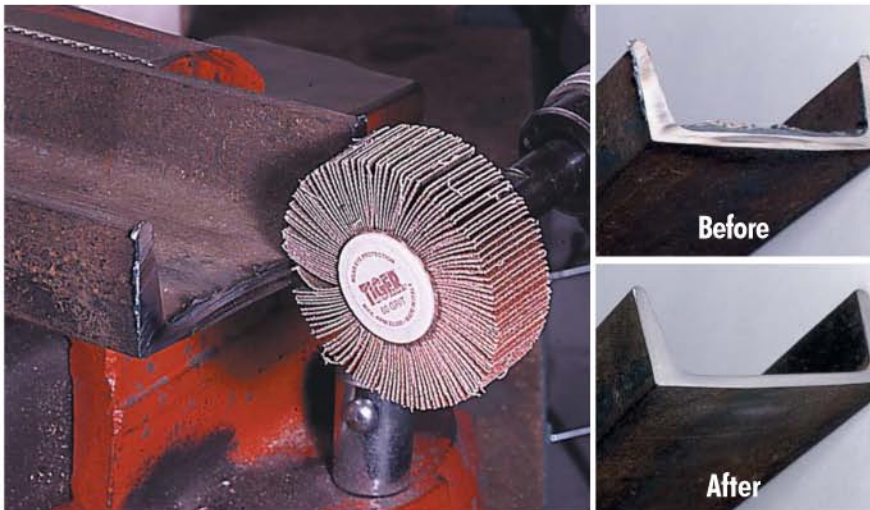
## Steel Pipe



**Problem:** When blending welds on curved surfaces, operators are challenged to select a media that can quickly remove material without undercutting or generating objectionable flat areas.

**Solution:** The combination of compliance and aggression makes the Tiger Disc Big Cat® ideal for grinding and blending. By increasing the applied force, the operator can increase the cut rate. By reducing the load, the operator can easily match the welded area with the surrounding curved surface.

## Steel Channel



**Problem:** Burrs produced by cut-off operations are dangerous and can prevent parts from fitting together properly.

**Solution:** Coated abrasive flap wheels are flexible grinding products which are ideal for light stock removal applications. A 60 grit wheel can be used to remove a large burr and produce a smoothly blended edge.

## Aluminum Frames



**Problem:** Aluminum welds are particularly difficult to blend due to the tendency of the chips to become welded to the abrasive media. This causes the cut rate of the abrasive to fall rapidly and generates an expensive grinding operation.

**Solution:** Weiler's AL-tra Cut™ discs are specially formulated to prevent loading by lowering the grinding temperature. A 60 grit AL-tra Cut disc can blend an aluminum weld bead much faster than a conventional disc without loading.

## Snow Plow Blade



**Problem:** Grinding fillet welds is a difficult, time-consuming process that is often expensive to perform.

**Solution:** Weiler's Trimmable Tiger® Flap Disc offers the ability to create a flexible grinding media that can easily blend fillet welds. The disc's trimmable design also ensures economical operation by allowing the operator to maintain disc flexibility throughout its life.

## Steel Handle



**Problem:** The removal of parting lines is a common application in the foundry business.

**Solution:** Weiler's selection of coated abrasive belts includes high performance and value products that help users control their production costs. Belts with 36 and 40 grit are commonly used for parting line removal.

## Stainless Steel Plate



**Problem:** Many fabricated products require cosmetic finishes which are free of handling marks and other surface defects.

**Solution:** Surface conditioning discs are available in three different grades and commonly used in applications requiring surface finish improvement with minimal stock removal.