



**PROCESSALL**

# Choppers, Blades & Plows



Manufacturing a variety of choppers, blades and plows for the mixing industry

## Becker Plows

**Applications:**

Heating, cooling, reacting, mixing at low speeds, mixing pastes or doughs, mixing highly fluidizable materials, higher shear input

**Advantages:**

Higher heat transfer coefficient; helps to break agglomerates with the higher shear input

## Triangular Shaped Plows

**Applications:**

General mixing and agglomeration applications

**Advantages:**

General mixing and agglomeration applications

## Standard V Plows

**Applications:**

General mixing, agglomeration

**Advantages:**

Shape helps with rolling action during agglomeration, low shear point, reduced power demand



## Cast Ni-Hard Plows

**Applications:**

High wear mixing applications

**Advantages:**

reduced wear on plows

## Taconite Plows

**Applications:**

Iron mixes or the equivalent, waste mixing applications with larger chunks

**Advantages:**

Abrasion resistance; tooth-shape allows larger pieces to not wedge

## Heat Transfer Plows

**Applications:**

Heating, cooling, reacting, mixing at low speeds, mixing pastes or doughs, mixing highly fluidizable materials, higher shear input

**Advantages:**

Higher heat transfer coefficient, helps to break agglomerates with the higher shear input



Cast Ni-hard Plow



**PROCESSALL**

# Choppers, Blades & Plows

## Tulip Chopper Blade

**Applications:**

Additional mixing action with the plows, incorporation of liquids

**Advantages:**

Low shear input

## Multiple Stack Chopper Blade

**Applications:**

Vacuum drying, agglomeration, granulation or breaking of agglomerates, incorporation of liquids

**Advantages:**

Variable shear input (more or larger blades mean more shear input), breaks lumps in drying which reduces drying cycle time

## Pineapple Chopper Blade

**Applications:**

Mixing of fibers or incorporation of fibers into a mix; "fluffing" fibers; tearing of fibrous or plastic materials

**Advantages:**

Opening or incorporating fibers

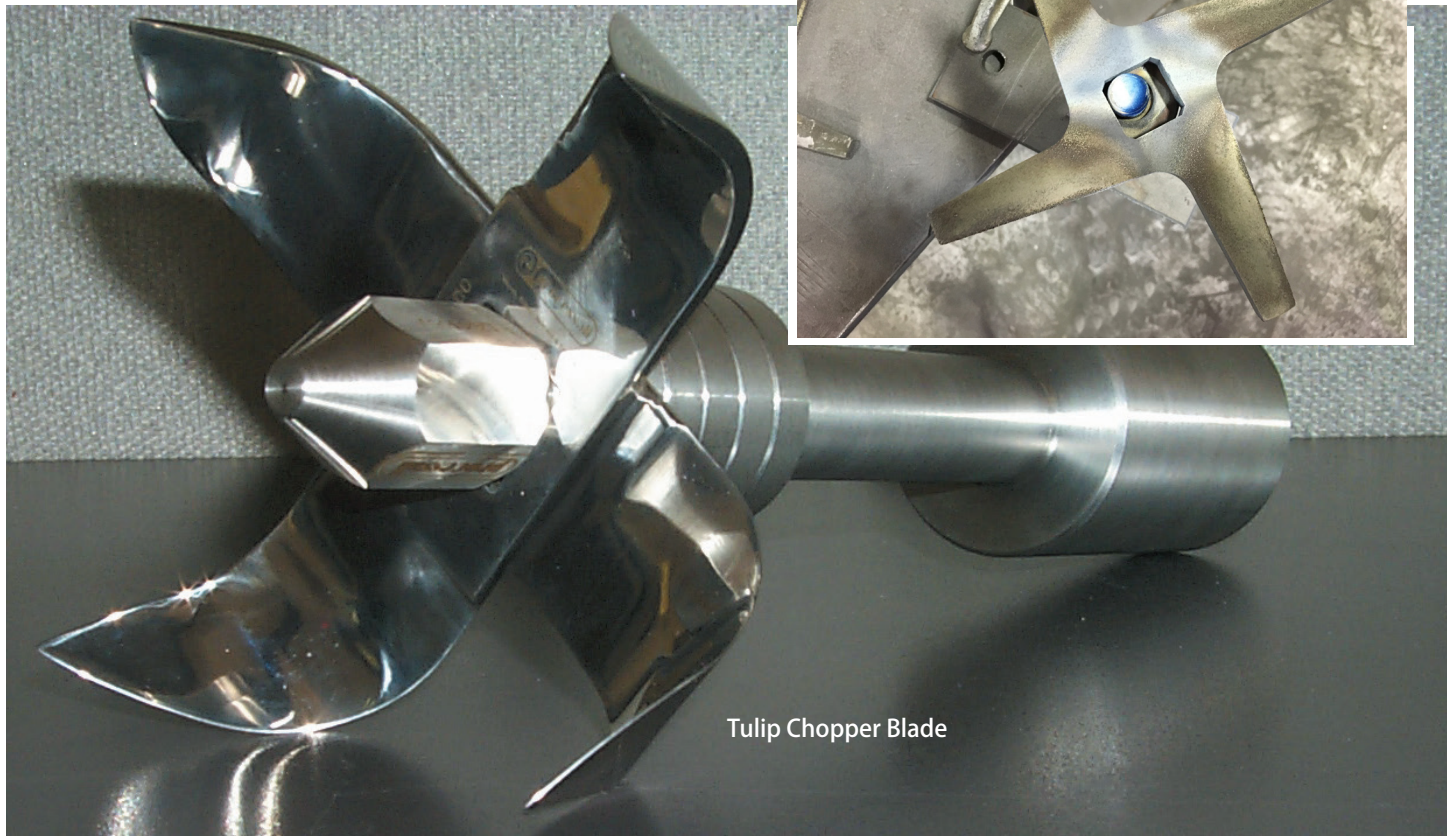
## Stars and Bars Chopper Blade

**Applications:**

Friction materials

**Advantages:**

Fluffs Kevlar fibers while providing a shear input with the bars



Individual Chopper Blade

Tulip Chopper Blade



4600 N. Mason-Montgomery Road | Mason, OH 45040 | 513-923-5904 | sales@Processall.com

Contact us today  
[www.Processall.com](http://www.Processall.com)

