



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 Plow



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



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

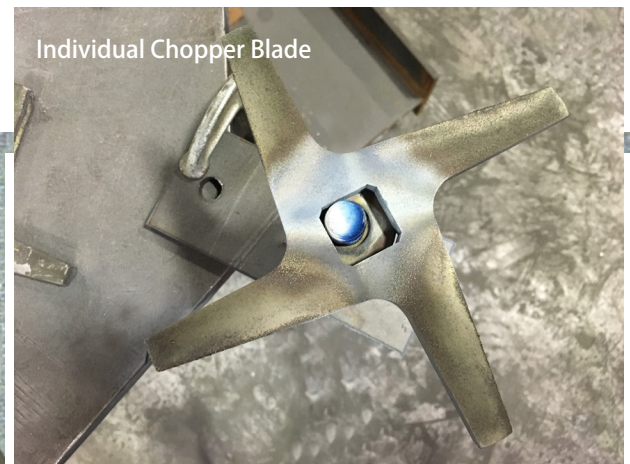
Stars and Bars Chopper Blade

Applications:

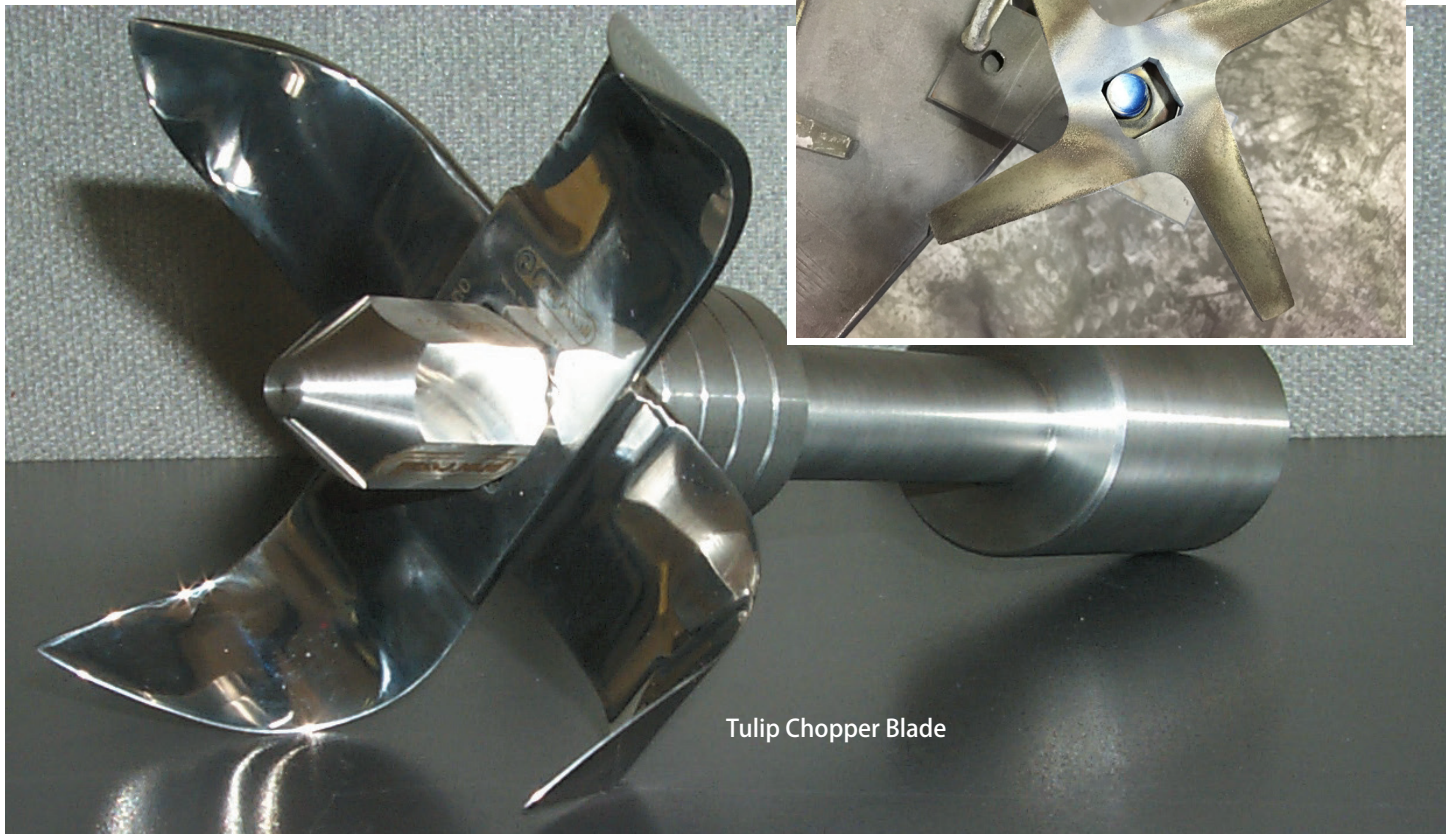
Friction materials

Advantages:

Fluffs Kevlar fibers while providing a shear input
with the bars



Individual Chopper Blade



Tulip Chopper Blade



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